CANADA FLIGHT SUPPLEMENT

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SPECIAL NOTICES

This space will be used to direct the attention of subscribers to new or amended procedures. Notices will normally be carried for two issues. In the event that there are no special notices, the word "NONE" will be centered within the SPECIAL NOTICES box. Special notices applicable to the military only will be preceded by the word "MILITARY".

Publication of Private Meteorological Reports and Services Information

Starting October 10, 2019, NAV CANADA will be amending the depiction in the CFS for meteorological reports and services provided by private meteorological service providers.

Users can expect to see changes to the FLT PLN - WX section for individual aerodromes in accordance with the changes outlined in Section A - GENERAL.

As new data continues to be received from each aerodrome that provides private meteorological services, publishing of the new specified format for any given aerodrome may not have occurred yet.

It is recommended that users confirm ahead with the aerodrome operator the type and availability of meteorological reports and services that can be received by UNICOM (AU) while this special notice is in effect.

For more information about these changes, consult the WEATHER SERVICES - OBSERVATIONS in Section A - GENERAL.

This Special Notice will remain in effect until publication changes have been completed for all aerodromes with private meteorological service providers.

Removal of foreign radio navigation aids

As of 11 July 2024, the CFS section D RADIO NAVIGATION AND COMMUNICATIONS will have all the foreign radio navigation aids removed. Information pertaining to foreign navigation aids contained in section D are not under Canadian jurisdiction and therefore do not belong in the Canadian Aeronautical Information Publications (AIP). For information on foreign radio navigation aids please refer to the AIP from their country of record.

GENERAL SECTION

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PREFACE

The Canada Flight Supplement is a joint civil/military publication issued every 56 days. It contains information on land and some water aerodromes and is used as a reference for the planning and safe conduct of air operations. It is published and produced by NAV CANADA's Aeronautical Information Services and distributed by NAV CANADA's Aeronautical Publication Sales and Distribution Unit. The distribution for DND is through the Canadian Forces Publication Depot.

The information contained in this supplement is current only to the date of submission for printing. A NOTAM may amend or cancel the information in this document, therefore the NOTAM must be consulted to ensure that current information is used for flight operations.

To alert users of new information or changes to information in the B section from the previous issue, a vertical line will be portrayed to the left and extending the full length of the new/revised data.

CORRECTIONS (CIVIL)

NAV CANADA is responsible for all Canadian civil aeronautical information, however, the Canadian Aviation Regulations make it mandatory for aerodrome operators to report all changes to the CFS information to the Minister of Transport. To that end, correspondence can be sent to one of the following Transport Canada addresses.

Pacific Region -
Transport Canada
Aerodrome Safety
7445 132nd Street, Suite 2010
Surrey, BC V3W 1J8
Tel: 1-800-305-2059 Fax: 855-618-6288
E-mail: aviation.pac@tc.gc.ca

Prairie and Northern Region -
Transport Canada
Civil Aviation
P.O. Box 8550, 344 Edmonton Street
Winnipeg MB R3C 0P6
Tel: 1-888-463-0521
E-mail: aviation.pnr-rpn@tc.gc.ca

Ontario Region -
Transport Canada
Civil Aviation Services Ontario Region (PAHR)
4900 Yonge Street, 4th Floor
Toronto ON M2N 6A5
Tel: 1-800-305-2059 Fax: 1-877-822-2129
TTY/ATS: 1-888-675-6863
E-mail: aviation.ont@tc.gc.ca

Quebec Region -
Transport Canada - Civil Aviation
Flight Operations - NAHH
Regional Administration Building, 700 Leigh-Capréol
Dorval QC H4Y 1G7
Tel: 1-800-305-2059 Fax: 1-855-633-3697
E-mail: aerodromes.quebec@tc.gc.ca

Atlantic Region -
Transport Canada
Aerodrome Safety
P.O. Box 42
Moncton NB E1C 8K6
Tel: 1-800-305-2059 Fax: 1-855-726-7495
E-mail: aviation.atl@tc.gc.ca

NAV CANADA is responsible for all Canadian civil aeronautical information. Any publication errors, omissions, anomalies, suggestions or comments on the air navigation system can be passed through any ATS facility or directly through our Customer and Stakeholder Services at:

NAV CANADA
Customer and Stakeholder Services
151 Slater Street
Suite 120
Ottawa, ON K1P 5H3
Tel: 1-800-876-4693 (within North America)
E-mail: service@navcanada.ca
Regular hours of operation 0800-1800 (EST/EDT)

All aeronautical data questions should be directed to:

NAV CANADA
AIS Data Collection
PO BOX 9824 STN T CSC
OTTAWA ON K1G 9Z9
E-mail: aisdata@navcanada.ca

CORRECTIONS (MILITARY)

Military commanders are responsible for inspecting entries covering facilities under their jurisdiction. They are to submit corrections by e-mail at: aso@forces.gc.ca. Tel: 613-248-4129/4130/4117.

COMMENTS ON AIR NAVIGATION SYSTEM

To report any concerns about the safety or quality of services provided by NAV CANADA please contact the local NAV CANADA Site Manager or Customer and Stakeholder Services at:

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Write to: NAV CANADA, Aeronautical Publications, Sales & Distribution Unit, P.O. Box 9840, Station T, Ottawa ON, Canada K1G 6S8. To facilitate the change of address, enclose an address label bearing your name and address from a recent mailing or state your subscription account number.

PROCUREMENT

CIVIL

Individual purchases

Individual copies of the Canada Flight Supplement can be obtained from the network of distributors and suppliers or directly from NAV CANADA. The distributors are listed on NAV CANADA's Aeronautical Information, Purchase Information web site at www.navcanada.ca. You can also call Aeronautical Publications at 1-866-731-PUBS (7827) for the distributor nearest you.

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www.navcanada.ca (see Aeronautical Products)

Price: $99.00 for seven issues plus shipping and handling plus applicable taxes. Visa, American Express and MasterCard are accepted and all sales are final. Please allow 10 days for delivery of your initial issue. If your subscription does not arrive 3 days prior to the effective date, please call NAV CANADA.

MILITARY: The applicable CFAO 36-17 was cancelled in 1998 with a replacement DAOD still pending. In the interim, any questions regarding entitlement or demands for specific FLIPs can be addressed to MCE/GI&S Sqn/ASO at: aso@forces.gc.ca Tel: 613-248-4129/4130/4117.

US MILITARY: See chapter 11 of DOD FLIP General Planning (G.P.)

ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

AAE - Above Aerodrome Elevation
AB - Alberta
Ab Initio - elementary
abm - Abeam
abn - aerodrome beacon (rotating unless annotated)
abv - above
ACA - Arctic Control Area
ACC - Area Control Centre
acft - aircraft
ACN - Aircraft Classification Number
A/D - Aerodrome
ADCUS - Advise Customs
addn - addition, additional
ADF - Automatic Direction Finding
ADIZ - Air Defence Identification Zone
adj - adjacent
ADS-B - Automatic Dependent Surveillance - Broadcast
ADS-C - Automatic Dependent Surveillance - Contract
advs - advised, advise
advsy - advisory
AFB - Air Force Base
A/G - Air/Ground
AGL - Above Ground Level
AGN - Aircraft Group Number
AIP - Aeronautical Information Publication
alt - altitude
altn - alternate
AMSCR - Aircraft Movement Surface Condition Report
AMU - Air Movements Unit
AOE - Airport of Entry
APAPI - Abbreviated Precision Approach Path Indicator
apch - approach
APM - Airport Manager
appr - approval, approve
Apr - April
aprt - airport
aprx - approximate(ly)
ARAF - Air Reserve Air Force
ARCAL - Aircraft Radio Control of Aerodrome Lighting
ARFF - Aircraft Rescue and Fire-Fighting
arng - arrangement, arrange
ARP - Aerodrome Reference Point
arr - arrive, arrival

ABBREVIATIONS AND ACRONYMS (Cont'd)

ARTCC - Air Route Traffic Control Centre (USA)
ASDA - Accelerate Stop Distance Available
ASDE - Airport Surface Detection Equipment
ASL - Above Sea Level
ASPH - asphalt
ASR - Airport Surveillance Radar
assn - association
ATB - Airport Terminal Building
ATC - Air Traffic Control
ATF - Aerodrome Traffic Frequency
ATIS - Automatic Terminal Information Service
ATS - Air Traffic Services
attn - attention
AU - Approach Unicom
Aug - August
auth - authorized
AUW - All Up Weight
AVASIS - Abbreviated Visual Approach Slope Indicator System
avbl - available
Avn - Aviation
AWOS - Automated Weather Observation System
awy - airway
az - azimuth
BC - British Columbia
BC - Back Course
bcn - beacon
bcst - broadcast
bdry - boundary
Bil - Bilingual
bldg - building
blkd - blocked
BLW - below
BM - Back Marker
BPOC - Before proceeding on Course
brg - bearing
btwn - between
CAE - Control Area Extension
CAP - Canada Air Pilot
CAR - Canadian Aviation Regulation
CARS - Community Aerodrome Radio Station
CAT I - Category I
CAT II - Category II
CCTV - Closed Circuit Television
ccw - counter-clockwise

ABBREVIATIONS AND ACRONYMS (Cont'd)

CDA - Canadian Domestic Airspace
CDF - Central De-Icing Facility
Cdn - Canadian
ceil - ceiling
cert - certificate/certified
CF - Canadian Forces
CFA - Common Frequency Area
CFB - Canadian Forces Base
CFS - Canadian Forces Station
CFS - Canada Flight Supplement
ch, chan - channel
chg - charge
civ - civilian
ck - checked, check
clnc - clearance
clsd - closed
CMNPS - Canadian Minimum Navigation Performance Specifications
comm - communication
comsn - commission
CON - Contract fuel
CONC - concrete
cond(s) - condition(s)
const - construction
cont - continuous
convl - conventional
Corp - Corporation
CRFI - Canadian Runway Friction Index
crs - course
CSN - Canadian Switched Network
CTA - Control Area
ctc - contact
CTCSS - Continuous Tone Coded Squelch System
ctl - control, controlled
ctn - caution
ctr - centre
cust - customs
CVFR - Controlled VFR flight
cw - clockwise
CWAS - Canada Water Aerodrome Supplement
CWO - Contract Weather Observer
CZ - Control Zone
Dec - December
del - delivery
dep - departure, depart
Dept - Department
DEP CON - Departure Control
destn - destination
DF - Direction Finding
DH - Decision Height

ABBREVIATIONS AND ACRONYMS (Cont'd)

dia - diameter
direc - directional
displ - displaced
dist - distance
dly - daily
DME - Distance Measuring Equipment
DND - Department of National Defence
DRCO - Dial-up Remote Communications Outlet
DSN - Defence Switched Network
DT - Daylight Saving Time
DTW - Downwind Termination Waypoint
DUAT - Direct User Access Terminal
dur - during, duration
DVFR - Defence Visual Flight Rules
DWAN - Defence Wide Area Network
E - East
EAT - Expected Approach Time
EC - Environment Canada
EET - Estimated Elapsed Time
EFC - Expected Further Clearance Time
eff - Effective
Elect - Electrical Starting Units
elev - elevation
ELT - Emergency Locator Transmitter
emerg - emergency
ENE - East North East
eqpt - equipment
ERS - Emergency Response Services (civil airports only)
ESA - Emergency safe altitude
ESE - East South East
ETA - Estimated Time of Arrival
ETD - Estimated Time Departure
ETE - Estimate Time Enroute
ev - every
exc - except
Ext - Extension
extv - extensive
FAA - Federal Aviation Administration
fac - facilities
FACF - Final Approach Course Fix
FATO - Final Approach and Take Off Area
Fax - Facsimile
FBO - fixed base operator
fcst - forecast
Feb - February
FIC - Flight Information Centre
FIR - Flight Information Region
FISE - Flight Information Service Enroute
FL - Flight Level
fld - field

ABBREVIATIONS AND ACRONYMS (Cont'd)

FLIP - Flight Information Publication
flt - flight
Flt Pln - Flight Plan
FM - Frequency Modulation
FOD - Foreign Object Damage
freq - frequency
fr - from
Fri - Friday
FSS - Flight Service Station
FSII - Fuel System Icing Inhibitor
G - Grid
gal - gallon
GCA - Ground Controlled Approach
GCI - Ground Control Intercept
Gen - General
gnd - ground
GND ADV - Ground advisory service
gnd con - ground control
GNSS - Global Navigation Satellite System
Govt - Government
GP - Glide Path
GPI - Ground Point of Interception
GRVL - gravel
gr wt - gross weight
GS - Glide Slope
GTOW - Gross Take Off Weight
GV - Grivation
H - Hour
H24 - continuous operation
HAA - Height Above Aerodrome
hdlg - handling
HAT - Height Above TDZE
hdg - heading
Heli - Heliport, helicopter
HF - High Frequency
hgt - height
hg - hangar
Hg - Inches of Mercury
hi - high
HIAL - High Intensity Approach Lighting
HIRL - High Intensity Runway Lights
HLA - High Level Airspace
hol(s) - holiday(s)
Hosp - Hospital
HQ - Headquarters
HR - High Level Air Route
hr - hour
hvy - heavy
Hwy - Highway
IAIP - Integrated Aeronautical Information Package

ABBREVIATIONS AND ACRONYMS (Cont'd)

ICAO - International Civil Aviation Organization
ID - Idaho, USA
ident - identification
IFF - Identification Friend or Foe
IFR - Instrument Flight Rules
IFSS - International Flight Service Station
ILS - Instrument Landing System
IMC/imc - Instrument Meteorological Conditions
inbd - inbound
Inc - Incorporated
INF - Inland Navigational Fix
info - information
inop - inoperative
INS - Inertial Navigation System
inst - instrument
intl - international
ints - intensity
intsv - intensive
intxn - intersection
IRU - Inertial Reference Unit
ISA - International Standard Atmosphere
J - High Level Airway
Jan - January
JASU - Jet Acft Starting Unit
JB - Jet Barrier
JMC - Joint Meteorological Centre
Jul - July
Jun - June
kHz - Kilohertz
kph - kilometres per hour
kt - knots
kW - Kilowatt
lat - latitude
LAWO - Limited Aviation Weather Observation
lb(s) - pound(s)
lcl - local
lctd - located
lczr - localizer
LDA - Landing Distance Available
ldg - landing
LF - low frequency
lgt - light or lighting
lgtd - lighted
LOC - Localizer for Non-Precision Approach Procedures
loc - located, location
long - longitude
ltd - limited

ABBREVIATIONS AND ACRONYMS (Cont'd)

lvl - level
LVOP - Low Visibility Operations Plan
LWIS - Limited Weather Information System
m - metres
M, mag - magnetic
MAG VAR - Magnetic Variation (ICAO)
maint - maintenance
MANOT - Missing Aircraft Notice
Mar - March
max - maximum
MB - Manitoba
mb - millibar
MDA - Minimum Descent Altitude
Mdt/Hvy - Moderate/Heavy
ME - Maine, USA
MEDEVAC - Medical Evacuation Flight
MEHT - Minimum Eye Height over Threshold
Mem - Memorial
met - meteorology
METAR - Aerodrome Routine Meteorological Report
METOC - Meteorological and Oceanographic
MF - Mandatory Frequency
MFA - Military Flying Area
MFAU - Military Flight Advisory Unit
mgr - manager
MHz - Megahertz
MI - Michigan, USA
mic - microphone
mil - military
min - minimum
min - minute of time
misd - missed
MN - Minnesota, USA
MNPS - Minimum Navigation Performance Specifications
MNR - Ministry of Natural Resources
Mon - Monday
MOA - Military Operations Area
MOCA - Minimum Obstruction Clearance Altitude
msg - message
MSL - Mean Sea Level
MTCA - Military Terminal Control Area
mtns - mountains
muni - municipal, municipality
MVA - Minimum vectoring altitude
N - North, northern latitude
N/A - Not Applicable

ABBREVIATIONS AND ACRONYMS (Cont'd)

NAT - North Atlantic
NATO - North Atlantic Treaty Organization
nav - navigation
NAVAID - Navigational Aid
NB - New Brunswick
NCA - Northern Control Area
ND - North Dakota, USA
NDA - Northern Domestic Airspace
NDB - Non-Directional Beacon
NE - Northeast
ngt - night
NL - Newfoundland & Labrador
NM, nm - nautical miles
NNE - North North East
NNW - North North West
no - number
NORDO - no radio
Nov - November
NS - Nova Scotia
NT - Northwest Territories
NTAS - NORAD Tactical Autovon System
ntc - notice
nu - not usable
NU - Nunavut
NVG - Night Vision Goggles
NVIS - Night Vision Imaging System
NW - Northwest
NWS - North Warning System
obd - outbound
OBS - omni bearing setting
obsn(s) - observation(s)
obst - obstruction
OC - Obstacle Chart
OCA - Oceanic Control Area
OCC - Obstacle Clearance Circle
ocsl - occasional
Oct - October
ODALS - Omni-directional approach lighting system
ON - Ontario
opr - operate, operates, operator
oprg - operating
ops - operations
O/R - on request
O/S - out of service
O/T - other times
PAL - Peripheral Station
PAPI - Precision Approach Path Indicator
PAR - Precision Approach Radar
pax - passenger
PCN - Pavement Classification Number (ICAO)

ABBREVIATIONS AND ACRONYMS (Cont'd)

PCT - percent
PE - Prince Edward Island
perm - permanent
perms - permission
P-line(s) - power line(s)
PLR - Pavement Load Rating (TC)
PMSV - Pilot to Metro Service
PN - prior notice required
posn - position
PPR - prior permission required
prkg - parking
pro - procedure
proh - prohibited
psi - pounds per square inch
psp - pierce steel planking
PSR - Primary Surveillance Radar
pt - point
PTC - Pre-Taxi Clearance
ptn - pattern
pub - public
PVT - Private
QC - Quebec
quad - quadrant
RAAS - Remote Aerodrome Advisory Service
rad - radial
RAG - Runway arresting gear
RATCON - Radar Terminal Control
RCAF FOM - Royal Canadian Air Force Flight Operations Manual
RCAP - Restricted Canada Air Pilot
RCMP - Royal Canadian Mounted Police
RCO - Remote Communications Outlet
RCR - Runway Condition Report
rcv - receive
rcvr - receiver
rdo - radio
RESA - Runway End Safety Area
reg - registered
req - request
rgt - right
RIL - Runway Identification Lights
rlcd - relocated
RNAV - Area Navigation
rng - range
RNP - Required Navigation Performance
RNPC - Required Navigation Performance Capability (Airspace)
RON - Remain Overnight
RONLY - Receiver Only
RPAS - Remotely Piloted Aircraft System
rpt - report

ABBREVIATIONS AND ACRONYMS (Cont'd)

rqrd - required
RR - Retro-Reflective markers
RSC - Runway Surface Condition
rstd - restricted
rte - route
RTF - Radiotelephone
ruf - rough
RVOP - Reduced Visibility Operations Plan
RVR - Runway Visual Range
RVSM - Reduced Vertical Separation Minimum
rwy - runway
S - South, southern latitude
SAR - Search and Rescue
Sat - Saturday
SATCOM - Satellite Communications
SATVOICE - Satellite Voice Communications
SCA - Southern Control Area
SCON - Contract Servicing
SDA - Southern Domestic Airspace
SE - Southeast
seapl - Seaplane
sec - second(s) of time
SELCAL - Selective Calling System
Sep - September
sfc - surface
SFL - Sequence Flashing Lights
SID - Standard Instrument Departure
SIF - Selective Identification Feature
SIGMET - Significant Meteorological Report
simul - simultaneously
SK - Saskatchewan
sked - schedule
sm - statute miles
SOAP - Spectrometric Oil Analysis Program
SPECI - Aerodrome Special Meteorological Report
sqn - squadron
SR - sunrise
SS - sunset
SSB - Single Side Band
SSE - South South East
SSFO - Simultaneous Single Frequency Outlets
SSR - Secondary Surveillance Radar
SSW - South South West
STAR - Standard Terminal Arrival Route
std - standard
stn - station
stor - storage
stu - student

ABBREVIATIONS AND ACRONYMS (Cont'd)

sum - summer
Sun - Sunday
sur - surround
svc(s) - service(s)
svcbl - serviceable
svcg - servicing
SW - Southwest
swy - Stopway
T - Transmits only
T - True (after a bearing)
TA (3000) - Transition Altitude
TACAN - Tactical Air Navigation Equipment
TAF - Aerodrome Forecast
TAS - True Air Speed
TBS - Thin bituminous surface
TC - Transport Canada
TCA - Terminal Control Area
TCAS - Traffic Alert And Collision Avoidance System
TCH - Threshold Crossing Height
TCU - Terminal Control Unit
TDZ - Touchdown Zone
TDZE - Touchdown Zone Elevation
TDZL - Touchdown Zone Lighting
Tel - Telephone
tfc - traffic
thld - threshold
thru - through
Thu Thursday
til - until
tkof - Take Off
TLOF - Touch Down and Lift Off Area
tml - terminal
tng - training
TODA - Take Off Distance Available
TORA - Take Off Run Available
tran - transient
trans - transmit
Tue - Tuesday
TWR/twr - Control Tower/tower
twy - taxiway
UDF - UHF Direction Finder
UHF - Ultra High Frequency
unavbl - unavailable
UNICOM - Private Advisory Station located at uncontrolled aerodrome
unkn - unknown
unlgtd - unlighted
unltd - unlimited
unrel - unreliable
unsked - unscheduled
u/s - unserviceable

ABBREVIATIONS AND ACRONYMS (Cont'd)

USA - United States of America
USAF - United States Air Force
USB - Upper Side Band
USN - United States Navy
UTC - Coordinated Universal Time
VAGS - Visual Alignment Guidance System (a system of azimuth guidance for approach)
var - variation
VASIS - Visual Approach Slope Indicator System
VCS - Vehicle Control Service
VDF - VHF Direction Finder
VFR - Visual Flight Rules
VGM - Voice generator module
VGSI - Visual Glide Slope Indicator
VHF - Very High Frequency
vic - vicinity
vis - visible, visibility
VMC/vmc - Visual Meteorological Conditions
VNC - VFR Navigation Chart
VOLMET - Meteorological Information for Aircraft in Flight (DND)
VOR - VHF omnidirectional Range
VORTAC - Combination of VOR and TACAN
VTA - VFR Terminal Area Chart
VTPC - VFR Terminal Procedures Chart
W - West
WA - Washington, USA
Wed - Wednesday
Wg - Wing
WI - Wind direction indicator
win - winter
wk(s) - week
wkd - weekday
wkly - weekly
wknds - weekends
wng - warning
WNW - West North West
WP - Way Point
WSW - West South West
wt - weight
wx - weather
xmsn - transmission
YT - Yukon Territory
Z - Coordinated Universal Time, Zulu Time

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM

NOTE: When quoting another publication in the text of a NOTAM, quoted text may contain abbreviations and acronyms extracted from the publication which may differ from the list below.

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM	
ABN	- Aerodrome beacon
ABV	- Above
ACC	- Area Control Centre or area control
ACFT	- Aircraft
ACT	- Active or activated or activity
AD	- Aerodrome
ADDN	- Additional
ADIZ	- Air defence identification zone
ADJ	- Adjacent
ADS-B	- Automatic dependent surveillance - broadcast
ADS-C	- Automatic Dependent Surveillance - Contract
ADZ	- Advise
AFT	- After (time or place)
AGL	- Above ground level
AIC	- Aeronautical Information Circular
AIP	- Aeronautical Information Publication
ALS	- Approach lighting system
ALT	- Altitude
AMDT	- Amendment (AIP Amendment)
AMSL	- Above Mean Sea Level
AP	- Airport
APAPI	- Abbreviated precision approach path indicator
APCH	- Approach
APN	- Apron
APR	- April
APRX	- Approximate or approximately
ARR	- Arrive or arrival
ASDA	- Accelerate stop distance available
ATC	- Air traffic control (in general)
ATFM	- Air traffic flow management
ATIS	- Automatic terminal information service
ATS	- Air traffic services
AUG	- August
AUTH	- Authorized or authorization
AVBL	- Available or availability
AVGAS	- Aviation gasoline
AWY	- Airway
AZM	- Azimuth
BCN	- Beacon (aeronautical ground light)

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)	
BCST	- Broadcast
BFR	- Before
BLDG	- Building
BLW	- Below
BRKG	- Braking
BTN	- Between
C	- Centre (preceded by runway designation number to identify a parallel runway)
C	- Degrees Celsius (Centigrade)
CAT	- Category
CH	- Channel
CHEM	- Chemical solution or ice control chemical
CL	- Centreline
CLR	- Clear(s) or cleared to or clearance
CLRD	- Cleared (Runway cleared - as used in SNOWiz)
CLSD	- Close or closed or closing
CNL	- Cancelled
COM	- Communications
COND	- Condition
CONST	- Construction or constructed
CPDLC	- Controller-pilot data link communications
CRFI	- Canadian runway friction index
CTA	- Control area
CTC	- Contact
CTL	- Control
CUST	- Customs
CYA	- Canadian Class F airspace, advisory area
CYD	- Canadian Class F airspace, danger area
CYR	- Canadian Class F airspace, restricted area
DA	- Decision altitude
DEC	- December
DEG	- Degrees
DEP	- Depart or departure
DEST	- Destination
DH	- Decision height
DIST	- Distance
DLA	- Delay or delayed
DME	- Distance measuring equipment
DOM	- Domestic
DRG	- During

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

DTHR - Displaced runway threshold
E - East or eastern longitude
EMERG - Emergency
ENE - East-north-east
ENR - En route
EQPT - Equipment
ESE - East-south-east
EST - Estimated (following date-time group)
ETA - Estimated time of arrival or estimating arrival
ETD - Estimated time of departure or estimating departure
EXC - Except
EXER - Exercises or exercising or to exercise
EXP - Expect or expected or expecting
FAC - Facilities
FAF - Final approach fix
FATO - Final approach and take off area
FAX - Facsimile transmission
FCST - Forecast
FEB - February
FIC - Flight Information Centre
FIR - Flight information region
FL - Flight level
FLR - Flares
FLT - Flight
FLW - Follow(s) or following
FM - From
FMS - Flight management system
FPM - Feet per minute
FREQ - Frequency
FRI - Friday
FSS - Flight Service Station
FT - Foot or feet (dimensional unit)
GLD - Glider
GND - Ground
GNSS - Global navigation satellite system
GP - Glide path
GPS - Global positioning system
GRF - Global reporting format
GRVL - Gravel
H24 - Continuous day and night service
HAPI - Helicopter approach path indicator
HBN - Hazard beacon
HDG - Heading

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

HEL - Helicopter
HELI - Heliport (following heliport name in NOTAM text for heliport with an alpha-numeric location indicator)
HGT - Height or height above
HOL - Holiday
HR - Hours
HYDRO - Water aerodrome (following aerodrome name in French NOTAM text for water aerodrome with an alpha-numeric location indicator)
IAF - Initial approach fix
ID - identify or identifier
IDENT - identification
IFR - Instrument flight rules
ILS - Instrument landing system
IMC - Instrument meteorological condition
INFO - Information
IN - Inch or inches (dimensional unit)
INSTR - Instrument
INT - Intersection
INTL - International
INTST - Intensity
JAN - January
JUL - July
JUN - June
KG - Kilograms
KT - Knots
L - Left (preceded by runway designation number when identifying a parallel runway)
LDA - Landing distance available
LDG - Landing
LGT - Light(s) or lighting
LGTD - Lighted
LNAV - Lateral Navigation
LOC - Localizer
LPV - Localizer Performance with Vertical guidance
LTD - Limited
LVL - Level
MAG - Magnetic
MAINT - Maintenance
MAR - March
MAX - Maximum
MDA - Minimum descent altitude
MEA - Minimum Enroute Altitude
MEDEVAC - Medical Evacuation

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

MEHT	- Minimum Eye Height over Threshold (for visual approach slope indicator systems)
MET	- Meteorological or meteorology
METAR	- Aerodrome routine meteorological report
MIL	- Military
MIN	- Minutes
MNPS	- Minimum Navigation Performance Specifications
MOC	- Minimum obstacle clearance (required)
MOCA	- Minimum obstacle clearance altitude
MON	- Monday
MSA	- Minimum sector altitude
MSG	- Message
N	- North or northern latitude
NAT	- North Atlantic
NAV	- Navigation
NAVAID	- Navigation aid
NDB	- Non-directional radio beacon
NE	- North-east
NGT	- Night
NM	- Nautical miles
NNE	- North-north-east
NNW	- North-north-west
NOV	- November
NPA	- Non-precision approach
NR	- Not reported
NW	- North-west
OBS	- Observe(d) or observation
OBST	- Obstacle or obstruction
OCA	- Oceanic control area
OCT	- October
OPN	- Open or opening or opened
OPR	- Operator or operate or operative or operating or operational
OPS	- Operations
PAPI	- Precision approach path indicator
PAR	- Precision approach radar
PCT	- Percent
PERM	- Permanent
PN	- Prior notice required
PPR	- Prior permission required
PRKG	- Parking
PROC	- Procedure
PSR	- Primary surveillance radar
PWR	- Power
QUAD	- Quadrant

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

R	- Right (preceded by runway designation number when identifying a parallel runway)
RAG	- Runway arresting gear
RAIM	- Receiver autonomous integrity monitoring
RCL	- Runway centre line
RCLL	- Runway centre line light(s)
RDL	- Radial
RDO	- Radio
REC	- Receive or receiver
REDL	- Runway edge light(s)
REF	- Reference to… or refer to
RENL	- Runway end light(s)
RMK	- Remark
RNAV	- Area Navigation
RNP	- Required navigation performance
RSC	- Runway surface condition
RSR	- Enroute Surveillance Radar
RTE	- Route
RTHL	- Runway threshold light(s)
RTZL	- Runway touchdown zone light(s)
RVR	- Runway visual range
RVSM	- Reduced vertical separation minimum (1000 ft between FL290 and FL410)
RWY	- Runway
RWYCC	- Runway Condition Code
S	- South or southern latitude
SAR	- Search and rescue
SAT	- Saturday
SDBY	- Stand by
SE	- South-east
SEP	- September
SFC	- Surface
SID	- Standard instrument departure
SKED	- Schedule or scheduled
SR	- Sunrise
SS	- Sunset
SSE	- South-south-east
SSR	- Secondary Surveillance Radar
SSW	- South-south-west
STAR	- Standard instrument arrival
SUN	- Sunday
SUP	- Supplement (AIP Supplement)
SVC	- Service message or service
SVCBL	- Serviceable
SW	- South-west
TACAN	- Tactical air navigation aid

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

TAF	- Aerodrome forecast
TALPA	- Takeoff and landing performance assessment
TAR	- Terminal Area Surveillance Radar
TCH	- Threshold crossing height
TDZ	- Touchdown zone
TEL	- Telephone
TEMPO	- Temporary or temporarily
TFC	- Traffic
THR	- Threshold
THRU	- Through
THU	- Thursday
TKOF	- Take-off
TLOF	- Touchdown and lift-off area
TODA	- Take-off distance available
TORA	- Take-off run available
TRANS	- Transmits or transmitter
TUE	- Tuesday
TWR	- Aerodrome Control Tower or aerodrome control
TWY	- Taxiway
UDF	- Ultra high frequency direction-finding station
UNL	- Unlimited
UNREL	- Unreliable
U/S	- Unserviceable
VAR	- Magnetic variation
VASIS	- Visual approach slope indicator system
VCY	- Vicinity
VDF	- Very high frequency direction-finding station
VFR	- Visual flight rules
VIS	- Visibility
VMC	- Visual meteorological conditions
VNAV	- Vertical Navigation
VOR	- Very high frequency omnidirectional radio range
VORTAC	- VOR and TACAN combination
W	- West or western longitude
WAAS	- Wide area augmentation system
WATER	- Water aerodrome (following aerodrome name in NOTAM text for water aerodrome with an alpha-numeric location indicator)
WDI	- Wind direction indicator
WED	- Wednesday
WIP	- Work in Progress

ABBREVIATIONS AND ACRONYMS USED IN CANADIAN NOTAM (Cont'd)

WNW	- West-north-west
WSW	- West-south-west
WX	- Weather
Z	- Co-ordinated Universal Time

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME

NOTE: Indicators with the suffix (pvt) are not listed in section B.

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME

Indicator	Name
CAA2	St-André-Avellin QC
CAA3	Westlock (Healthcare Centre) AB (Heli)
CAA4	St-Apollinaire (AirPro) QC
CAA6	Smithers (Canadian) BC (Heli)
CAA8	Invermere BC
CAB5	Abbotsford (Regional Hosp & Cancer Centre) BC (Heli)
CAB7	Kelowna (Alpine) BC (Heli)
CAC6	Calgary (Alberta Children's Hosp) AB (Heli)
CAD2	Red Deer/Allan Dale Residence AB (Heli)
CAD3	Red Deer/Allan Dale Trailers & RV AB (Heli)
CAD4	Trail BC
CAD5	Merritt BC
CAE2	Cranbrook (East Kootenay Regional Hosp) BC (Heli)
CAF2	Cayuga East ON
CAF4	Tsuniah Lake Lodge BC
CAG2	Regina/Aerogate SK
CAG3	Chilko Lake (Tsylos Park Lodge) BC
CAG4	Vulcan/Agro 1 AB
CAH3	Courtenay Airpark BC
CAH4	Valemount BC
CAH5	Parksville (Ascent Helicopters) BC (Heli)
CAJ2	Wiley YT
CAJ3	Creston BC
CAJ4	Anahim Lake BC
CAJ5	Ajax (Pr Ajax) ON
CAJ7	Cayley/A.J. Flying Ranch AB
CAJ9	Fort Ware BC
CAK3	Delta/Delta Heritage Air Park BC
CAK7	Vancouver (Children & Women's Health Centre) BC (Heli)
CAL2	Nakusp (Arrow Lakes Hosp) BC (Heli)
CAL3	Douglas Lake BC
CAL4	Fort MacKay/Albian AB
CAL5	Almonte (Gen Hosp) ON (Heli)
CAL6	Prince Albert (Fire Centre) SK (Heli)
CAL7	Ganges (Lady Minto/Gulf Islands Hosp) BC (Heli)
CAL8	Ste-Anne-du-Lac (Aviation PLMG Inc.) QC
CAM2	Misaw Lake SK
CAM3	Duncan BC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CAM4	Alhambra/Ahlstrom AB
CAM5	Houston BC
CAN5	Allan SK
CAP2	Allan Park ON
CAP3	Sechelt BC
CAP6	Ingenika BC
CAP9	Strathmore (Appleton Field) AB
CAQ4	Springhouse Airpark BC
CAQ5	Nakusp BC
CAR3	Calgary (Aerial Recon) AB (Heli)
CAR4	Cameron/Arbour Airfield ON
CAS2	Moose Lake (Lodge) BC
CAS3	Kaskattama River MB
CAS5	Qualicum Beach (Aerosmith Heli Service) BC (Heli)
CAT1	Atwood/Coghlin ON
CAT4	Qualicum Beach BC
CAT5	Port McNeill BC
CAT6	Campbell River (Campbell River & Dist Hosp) BC (Heli)
CAU3	Oliver BC
CAU4	Vanderhoof BC
CAV2	Antler Valley Farm AB (Heli)
CAV3	One Hundred Mile House BC
CAV4	McBride/Charlie Leake Field BC
CAV6	Beausejour/AV-Ranch Airpark MB
CAV9	Oak Hammock Air Park MB
CAW4	Whistler (Hospital) BC (Heli)
CAX5	Likely BC
CAY5	Ayr/Sargeant Private Airfield ON
CAZ5	Cache Creek BC
CBA7	Petrolia/Butler Airfield ON
CBA8	Beaverley BC
CBA9	Ospika BC
CBB2	Stouffville ON
CBB4	Beddis Beach BC (Heli)
CBB5	Port Alice (Hosp) BC (Heli)
CBB6	Brucejack/Bowser BC
CBB8	Ste-Barbe QC (Heli)
CBB9	Osoyoos BC
CBBC	Bella Bella (Campbell Island) BC
CBC2	Ford Bay NT
CBC4	Kamloops (Royal Inland Hosp) BC (Heli)
CBC6	Calgary/Blue-Con AB (Heli)
CBC7	Vancouver/Harbour (Public) BC (Heli)
CBC8	Tofino (General Hospital) BC (Heli)
CBD6	Nahanni Butte NT

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CBD8	Black Diamond/Flying R Ranch AB
CBD9	White Saddle Ranch BC (Heli)
CBE2	Elko/Lionel P. Demers Memorial Airpark BC
CBE9	Whistler (Muni) BC (Heli)
CBF2	Belwood (Baird Field) ON
CBF3	Beeton Field ON
CBF5	Mayne Island (Medical Emergency) BC (Heli)
CBF6	Prince Rupert/Seal Cove (Public) BC (Heli)
CBF7	Victoria Harbour (Camel Point) BC (Heli)
CBF9	Mabel Lake BC
CBG2	Green Lake BC
CBG5	Nanaimo (Regional General Hosp) BC (Heli)
CBH2	Helmet BC
CBH4	Prairie Creek NT
CBH5	Straffordville/Bushhawk Creek ON
CBH7	Benalto/Hillman's Farm AB
CBI2	Eaglesham/Bice Farm AB
CBJ4	Echo Valley BC
CBK4	Vancouver (Gen Hosp) BC (Heli)
CBK5	Port Alberni (West Coast Gen Hosp) BC (Heli)
CBK6	Quesnel Lake BC
CBK7	Toad River/Mile 422 (Alaska Highway) BC
CBK8	Victoria (Royal Jubilee Hosp) BC (Heli)
CBK9	Little Parker Island BC (Heli)
CBL3	Fort Nelson/Gordon Field BC
CBL4	Bassano (Health Centre) AB (Heli)
CBL5	Montreal River Harbour/BluEarth Bow Lake Windfarm ON (Heli)
CBL6	Radium Hot Springs BC
CBL7	Cortes Island BC (Heli)
CBL8	Bala ON
CBL9	Elkin Creek Guest Ranch BC
CBM2	Blackstock/Martyn ON
CBM3	Bruce Mines/Kerr Field ON
CBM4	Collingwood (Blue Mountain) ON (Heli)
CBM6	Midway (Heli) BC
CBM7	Banff Mineral Springs (Hosp) AB (Heli)
CBM9	Port McNeil (Hosp) BC (Heli)
CBN2	Bonnyville Health Centre AB (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CBN3	Buffalo Narrows (Fire Centre) SK (Heli)
CBN9	Tsay Keh BC
CBP2	Banff (Park Compound Heliport) AB (Heli)
CBP3	Fernie (Elk Valley Hosp) BC (Heli)
CBP4	Sechelt (Sechelt Hospital) BC (Heli)
CBP5	Lillooet (Blackcomb) BC (Heli)
CBQ2	Fort Langley BC
CBQ7	Kemess Creek BC
CBQ8	Woodcock BC
CBR2	Kaslo BC
CBR3	Kisbey/Brigden Field SK
CBR7	Tofino Lifeboat Station BC (Heli)
CBR8	Prince Rupert (Hosp) BC (Heli)
CBR9	Bottrel/Anchor 9 Ranch AB
CBS2	Estevan (Blue Sky) SK
CBS4	Mule Creek BC
CBS5	Port Hardy (Hosp) BC (Heli)
CBS7	Briercrest South SK
CBS8	Port Alberni (Alberni Valley Regional) BC
CBS9	Blairmore (Crowsnest Pass Health Centre) AB (Heli)
CBT3	Tsetzi Lake (Pan Phillips) BC
CBT5	Golden (Golden & District Gen Hosp) BC (Heli)
CBT9	Port Alberni/Sproat Lake Tanker Base BC (Heli)
CBV2	Beaverton ON
CBV5	Belleville (QHC) ON (Heli)
CBV7	Valemount (Yellowhead Helicopters) BC (Heli)
CBV8	Comox (Comox Valley Hospital) BC (Heli)
CBW2	Kitimat BC
CBW3	Fort Grahame BC
CBW4	Bob Quinn Lake BC
CBW5	Sarnia (Bluewater Health) ON (Heli)
CBW7	Victoria (Gen Hosp) BC (Heli)
CBW8	Baldwin West ON
CBW9	Madrona Bay BC (Heli)
CBX5	Tungsten (Cantung) NT
CBX7	Tumbler Ridge BC
CBY2	Edmonton/Bailey AB (Heli)
CBY5	Prince Rupert/Seal Cove (Coast Guard) BC (Heli)
CBZ2	Kemano BC (Heli)
CBZ7	Victoria Harbour (Shoal Point) BC (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CBZ9	Fraser Lake BC
CCA3	Cable Head Airpark PE
CCA5	Stenen/Clayton Air 3 SK
CCB2	Seabee Mine SK
CCB3	Amherst NS (Heli)
CCB8	Kilbride (Bot) ON (Heli)
CCC2	Winterland NL
CCC3	Cooks Creek MB
CCD2	Springdale NL
CCD3	Woodstock NB
CCD4	Postville NL
CCE3	Juniper NB
CCE4	Black Tickle NL
CCE5	Canso (Eastern Memorial Hosp) NS (Heli)
CCE6	Camden East ON
CCE7	Edmonton (City) AB (Heli)
CCF4	Porters Lake NS
CCF6	Edmonton / Morinville (Currie Field) AB
CCF7	Alida/Cowan Farm Private SK
CCF9	Scottsfield Airpark NB
CCG3	Weyman Airpark NB
CCG4	Moncton/McEwen NB
CCG5	Cayuga (Bruce Field) ON
CCH2	Upper Kent NB
CCH3	Canmore (Hosp) AB (Heli)
CCH4	Charlottetown NL
CCH6	Summerside (Prince County Hosp) PE (Heli)
CCH7	Québec/Capitale Hélicoptère QC (Heli)
CCH9	Cold Lake Healthcare Centre Heliport AB (Heli)
CCI9	Cortes Island BC
CCJ3	Boston Brook NB
CCK2	St. John's (Health Sciences Centre) NL (Heli)
CCK3	Grand Falls NB
CCK4	St. Lewis (Fox Harbour) NL
CCK5	Owen Sound (Cook Field) ON
CCL2	Candle Lake Airpark SK
CCL3	Christina Lake AB
CCL6	Chilko Lake (Wilderness Lodge) BC
CCL7	Walsingham/Ceilidh ON
CCL9	Outlook (South), SK
CCM3	Sevogle NB
CCM4	Port au Choix NL
CCN2	Grand Manan NB
CCN4	Conn ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CCP2	Exploits Valley (Botwood) NL
CCP3	Chute-St-Philippe QC
CCP4	Port Hope Simpson NL
CCP7	Eaglesham/Codesa South AB
CCQ3	Debert NS
CCR3	Florenceville NB
CCR5	Cline River AB (Heli)
CCR6	Campbell River (E & B Heli) BC (Heli)
CCR9	Creemore ON
CCS2	Consort (Health Centre) AB (Heli)
CCS3	St. Stephen NB
CCS4	Chipman NB
CCS5	Havelock NB
CCS6	Courtenay (Smit Field) BC
CCS7	Chicoutimi (C.H. de Chicoutimi) QC (Heli)
CCT2	Cookstown, ON
CCT3	Castlegar (Tarrys Convention Centre) BC (Heli)
CCU2	St-Cuthbert (Ulm Québec) QC
CCV4	Bell Island NL
CCW2	Collingwood (Wilsons) ON (Heli)
CCW4	Stanley NS
CCX2	Long Pond NL (Heli)
CCX3	Brockway NB
CCY2	Swift Current (Cypress Regional Hosp) SK (Heli)
CCY3	Sussex NB
CCY4	East Gore Eco Airpark NS
CCZ2	Rigolet NL
CCZ3	Clarenville NL
CCZ5	Thorburn NS
CCZ9	Shelburne (Roseway Hosp) NS (Heli)
CDA4	Pokemouche NB
CDA5	St. Andrews (Codroy Valley) NL
CDA6	Bristol NB
CDA7	Shunda (Fire Base) AB (Heli)
CDB2	Debolt Fire Hall AB (Heli)
CDB3	Delburne/Hall Residence AB (Heli)
CDB5	Moncton/Salisbury NB (Heli)
CDC2	St. John's (Quinlan Heliflight Services) NL (Heli)
CDC3	Dawson Creek (Flying L Ranch) BC
CDC5	Oie Lake/Dougall Campbell Field BC
CDD7	Didsbury District Health Services AB (Heli)
CDE2	Lac-des-Écorces/Heliport Belle-Île QC (Heli)
CDF2	Teeswater (Dent Field) ON
CDF3	Englehart (Dave's Field) ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CDF5	Elora ON
CDF6	Arthur (Damascus Field) ON
CDF7	Millgrove/Dragon's Fire Heliport ON (Heli)
CDG2	Digby (General Hosp) NS (Heli)
CDG3	Dungannon ON
CDH2	Drumheller (Health Centre) AB (Heli)
CDH3	Finlay Air Park NS
CDH4	Duncan (Cowichan District Hosp) BC (Heli)
CDH5	Nanaimo Harbour Heliport BC (Heli)
CDH6	Delhi ON
CDJ4	Clearwater NB
CDJ5	Strathmore (D.J. Murray) AB
CDK2	Diavik NT
CDL3	Daysland Health Centre AB (Heli)
CDL8	Centredale NS
CDM2	Didsbury/Minty Field AB
CDO2	Drumheller/Ostergard's AB
CDP2	Ear Falls ON
CDP3	Utik Lake/Dennis G Punches Field MB
CDS2	Disley SK
CDT3	Arichat (St. Anne Ladies Auxiliary Hosp) NS (Heli)
CDT5	Bouctouche NB
CDT6	Bridgewater (South Shore Regional Hosp) NS (Heli)
CDT8	Eaglesham/Delta Tango Field AB
CDT9	Detour Lake ON
CDU2	Dundas ON (Heli)
CDU3	Yarmouth (Regional Hosp) NS (Heli)
CDU5	Dunsford ON
CDU6	Doaktown NB
CDU7	Brechin/Ronan Aircraft ON
CDU8	Dunsford Heliport ON (Heli)
CDV2	Downs Gulch NB
CDV3	Charlottetown (Queen Elizabeth Hosp) PE (Heli)
CDW2	Baddeck (Guneden) NS
CDY3	Fogo NL
CDY5	Antigonish (St. Martha's Regional Hosp) NS (Heli)
CDY6	Bridgewater/Dayspring Airpark, NS
CEA3	Olds-Didsbury AB
CEA5	Hardisty AB
CEA6	Cardston AB
CEB4	Rockyford/Early Bird Air AB
CEB5	Fairview AB
CEB8	Essex/Billing Airstrip ON
CEC3	Fox Lake AB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CEC4	Hinton/Jasper-Hinton AB
CEC5	Fort Smith (District) NT (Heli)
CED3	Oyen Muni AB
CED4	Fox Creek AB
CED5	Taber AB
CED6	De Winton (Highwood) AB (Heli)
CED8	Thunder Bay/Eldorado ON
CEE2	Calgary/Elephant Enterprises Inc. AB (Heli)
CEE4	Hinton/Entrance AB
CEE5	Wabasca AB
CEE6	Edmonton/Twin Island Airpark AB
CEE8	Viking AB
CEF3	Bow Island AB
CEF4	Airdrie AB
CEG3	Lacombe AB
CEG4	Drumheller Muni AB
CEG5	Chipewyan Lake AB
CEG6	Nordegg/Ahlstrom AB (Heli)
CEG8	North Seal River MB
CEH2	Black Diamond/Cu Nim AB
CEH3	Ponoka (Labrie Field) AB
CEH4	De Winton/South Calgary AB
CEH5	Red Earth Creek AB
CEH6	Provost AB
CEH7	Elkford BC (Heli)
CEH9	Truro (Colchester Health Centre) NS (Heli)
CEJ3	Stettler AB
CEJ4	Claresholm Industrial AB
CEJ6	Elk Point AB
CEK2	Braeburn YT
CEK4	Blairmore (Forestry) AB (Heli)
CEK6	Killam-Sedgewick/Flagstaff Regional AB
CEL2	Calgary (City/Bow River) AB (Heli)
CEL3	East Linton (Kerr Field) ON
CEL4	Hanna AB
CEL5	Valleyview AB
CEL6	Two Hills AB
CEL8	Éléonore QC
CEL9	Calgary (Eastlake) AB (Heli)
CEM2	Calgary (Rockyview Hosp) AB (Heli)
CEM3	Whatì NT
CEM4	Innisfail/Big Bend AB
CEM5	Swan Hills AB
CEN2	Bassano AB
CEN3	Three Hills AB
CEN4	High River/Foothills Regional Airport AB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CEN5	Cold Lake Regional AB
CEN6	Vauxhall AB
CEP2	Calgary (Bow Crow) AB (Heli)
CEP3	Barrhead AB
CEP4	Coutts/Ross AB
CEP5	Janvier AB
CEP6	Warner AB
CEP7	Elk Point (Health Care Centre) AB (Heli)
CEP8	Edmonton/Eastport AB (Heli)
CEQ3	Camrose AB
CEQ4	Del Bonita/Whetstone AB
CER2	Castor AB
CER3	Drayton Valley Industrial AB
CES2	St-Esprit QC
CES3	Edmonton/St. Albert (Delta Helicopters) AB (Heli)
CES4	Westlock AB
CES5	Centralia (Essery Field) ON
CES8	Edmonton/Grey Nuns Community Hosp AB (Heli)
CET2	Conklin (Leismer) AB
CET4	Fort Simpson Island NT
CET5	Hay River (District) NT (Heli)
CET9	Jean Marie River NT
CEU2	Beaverlodge AB
CEU4	Rocky Mtn House (Gen Hosp) AB (Heli)
CEU9	Sambaa K'e NT
CEV2	Edra AB
CEV3	Vegreville AB
CEV5	Mayerthorpe AB
CEV7	Tofield AB
CEV9	Snare River NT
CEW2	Elstow/Combine World Field SK
CEW3	St. Paul AB
CEW5	Milk River AB
CEW7	Edmonton/Univ of Alberta (Stollery Children's Hosp Mahi) AB (Heli)
CEW9	Canmore Municipal Heliport AB (Heli)
CEX3	Wetaskiwin Regional AB
CEX4	Carmacks YT
CEX9	Brant (Dixon Farm) AB
CEY3	Fort Macleod AB
CEZ2	Chapman YT
CEZ3	Edmonton/Cooking Lake AB
CEZ4	Fort Vermilion (Wop May Memorial) AB
CFA2	Port Carling/Fig Air ON (Heli)
CFA4	Carcross YT

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CFA5	Grande AB
CFA7	Taltheilei Narrows NT
CFA8	Three Hills (Hosp) AB (Heli)
CFB2	Frank Channel (Forestry) NT (Heli)
CFB3	Hespero AB
CFB4	Trout Lake AB
CFB5	Namur Lake AB
CFB6	Edmonton/Josephburg AB
CFB9	Thornbury/Fossil Beach (Blue Mountain) ON (Heli)
CFC4	MacMillan Pass YT
CFC6	Rockyford AB
CFC7	Rimbey AB
CFC8	Flamboro Centre ON
CFD4	Foremost AB
CFD5	Grimshaw AB
CFD8	Fort Simpson (Great Slave No. 2) NT (Heli)
CFE7	Kananaskis Village Helistop AB (Heli)
CFF2	Christina Basin AB
CFF3	Jean Lake AB
CFF4	Great Bear Lake NT
CFF7	Wainwright/Camp Wainwright Field AB (Heli)
CFG3	Consort AB
CFG4	Debolt AB
CFG5	John D'Or Prairie AB
CFH2	Williams Lake (Frontline Helicopters) BC (Heli)
CFH4	Fox Harbour NS
CFH7	Edmonton (Royal Alexandra Hosp) AB (Heli)
CFH8	Warburg/Zajes AB
CFJ2	Fort St. James (Stuart Lake Hosp) BC (Heli)
CFK2	Bashaw AB
CFK4	Calling Lake AB
CFK6	Olds (Netook) AB
CFL3	Black Diamond (Oilfields Gen Hosp) AB (Heli)
CFL4	Flesherton (Smithorrs Field) ON
CFL9	Johnson Lake AB
CFM2	Birch Mountain AB
CFM4	Donnelly AB
CFM6	Teepee AB
CFM7	Boyle AB
CFM8	Fort MacLeod (Alcock Farm) AB
CFM9	Fort MacLeod (Hosp) AB (Heli)
CFN5	La Crête (Jake Fehr Memorial) AB
CFN6	Primrose AB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CFN7	Sundre AB
CFP4	McQuesten YT
CFP5	Glendon AB
CFP6	La Biche River YT
CFP8	Whitehorse/Cousins YT
CFQ2	Fort Qu'Appelle (All Nations' Healing Hosp) SK (Heli)
CFQ5	Silver City YT
CFQ6	Pelly Crossing YT
CFQ7	Edmonton/Gartner AB
CFR2	Bawlf (Blackwells) AB
CFR5	French River/Alban ON
CFR6	Vancouver/Coquitlam Fire & Rescue BC (Heli)
CFR7	Red Deer Forestry AB
CFS2	Fort Simpson (Great Slave No. 1) NT (Heli)
CFS3	Fort Selkirk YT
CFS4	Ogilvie YT
CFS5	Spirit River AB
CFS6	Loon River AB
CFS7	Twin Creeks YT
CFS8	Clearwater River AB
CFT2	Blackie/Wilderman Farm AB
CFT3	Finlayson Lake YT
CFT5	Hyland YT
CFT8	Pelican AB
CFU3	Chipman AB
CFU4	Garden River AB
CFU8	Irma AB
CFU9	Olds (Hosp & Care Centre) AB (Heli)
CFV2	Beiseker AB
CFV3	Mobil Bistcho AB
CFV6	Margaret Lake AB
CFV7	Claresholm (Gen Hosp) AB (Heli)
CFV8	Brooks (Community Health Centre) AB (Heli)
CFV9	Drayton Valley (Health Centre) AB (Heli)
CFW2	Gordon Lake AB
CFW4	Muskeg Tower AB
CFW5	Taltson River NT
CFW8	Grand Falls-Windsor NL (Heli)
CFX2	Calgary/Okotoks Air Ranch Airport AB
CFX4	Manning AB
CFX5	Renard QC
CFX6	Vulcan AB
CFX8	Chestermere (Kirkby Field) AB
CFY4	Indus/Winters Aire Park AB
CFY5	Pine Lake YT

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CFZ3	Medicine Hat/Schlenker AB
CFZ5	Sundre/Goodwins Farm AB
CGB2	Carstairs/Bishell's AB
CGB3	Picton (Greenbush) ON
CGB4	Nanaimo/Gabriola Island (Health Clinic) BC (Heli)
CGC2	Galore Creek BC (Heli)
CGC3	Grande Cache (Community Health Complex) AB (Heli)
CGC4	Carway/Grizzly Creek Ranch AB (Heli)
CGF4	Grand Forks (Boundary Hospital) BC (Heli)
CGF5	Huggett/Goodwood Field AB
CGF6	Gilford ON
CGF7	Barrie/Grenfel Field ON
CGH2	Gander (James Paton Mem Regional Health Centre) NL (Heli)
CGK2	Gahcho Kue NT
CGL2	Harrow ON
CGL4	Eaglesham South AB
CGL5	Gun Lake BC (Heli)
CGM2	Smoky Lake (George McDougall Health Centre) AB (Heli)
CGN2	Réservoir Gouin/Pourvoirie Escapade QC
CGN3	Lethbridge (Gunnlaugson) AB
CGN4	Gananoque ON (Heli)
CGP4	Grande Prairie (Regional Hosp) AB (Heli)
CGR2	Gold River (49 North Heli) BC (Heli)
CGR3	George Lake NU
CGR4	Gold River (The Ridge) BC (Heli)
CGR5	Viking Health Centre (George H. Roddick) AB (Heli)
CGR7	Centreville/Graham Field NB
CGR8	Grovedale Fire Hall AB (Heli)
CGS2	Goose Lake NU
CGS3	Gananoque/Signature Stables ON (Heli)
CGV2	Grand Valley/Luther Field ON
CGV3	Grand Valley North ON
CGV4	Gravenhurst (Pr Muskoka) ON (water aerodrome)
CGV5	Grand Valley (Black Field) ON
CGV6	Grand Valley (Martin Field) ON
CGV7	Springvale ON
CGW2	Glenwood AB
CHB2	Churchill (Hudson Bay Helicopters) MB (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CHB3	Hope Bay NU
CHB4	Sept-Îles/Héli-Boréal QC
CHC3	Barrhead (Healthcare Centre) AB (Heli)
CHC4	Ponoka (Hospital & Care Centre) AB (Heli)
CHC5	Hayes Camp NU
CHD2	Hardisty (Health Centre) AB (Heli)
CHD3	Hanna (Health Centre) AB (Heli)
CHE3	Sept-Îles/Mustang Helicopters QC (Heli)
CHF3	Westlock (Hnatko Farms) AB
CHF4	Orono/Hawkefield ON
CHF5	Wroxeter/Harkes Field ON
CHG2	Harbour Grace NL
CHL2	Hillaton/Kings Aerodrome NS
CHL4	Vittoria/Heli-Lynx ON (Heli)
CHM2	Spiritwood/H & M Fast Farms SK
CHP3	Mont-Tremblant/Heliport P3 QC (Heli)
CHQE	Halifax (QE II Health Sciences Centre) NS (Heli)
CHR2	High River (Hosp) AB (Heli)
CHS3	Hillspring (Beck Farm) AB
CHS5	Montréal/Heliport Senneville QC (Heli)
CHS6	Ste-Anne (Hosp) MB (Heli)
CHS7	Halifax (South End) NS (Heli)
CHT3	Mont-Tremblant/St-Jovite Héli-Tremblant QC (Heli)
CHT4	Nelson (High Terrain Helicopters) BC (Heli)
CHW2	Orangeville (Headwaters Healthcare Centre) ON (Heli)
CIA2	Kelowna/Ikon Adventures BC (Heli)
CIV2	Invermere (District Hosp) BC (Heli)
CIW2	Halifax (IWK Health Centre) NS (Heli)
CJA2	Selkirk ON
CJA3	Morden Regional MB
CJA5	Nestor Falls ON
CJA6	Minaki ON
CJA7	Arcola SK
CJB2	Carman/Friendship Field MB
CJB3	Steinbach MB
CJB5	Moosomin/Marshall McLeod Field SK
CJB6	Gods Lake MB
CJB8	Kyle SK
CJC2	Craik SK
CJC3	Davidson Muni SK
CJC4	Central Butte SK
CJC5	Shaunavon SK

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CJC6	Hafford SK
CJC8	Laurie River MB
CJD2	Cudworth Muni SK
CJD3	Birch Hills SK
CJD5	Leader SK
CJE3	Weyburn SK
CJE4	Snow Lake MB
CJE5	Glaslyn SK
CJE7	Ashern MB
CJE9	Lake Joseph/Eagle Island ON (Heli)
CJF3	Île-à-la-Crosse SK
CJF4	Buffalo (Jaques Farms) AB
CJF8	Biggar SK
CJG2	Eatonia (Elvie Smith) Muni SK
CJG4	Wrong Lake Airport MB
CJG6	Kenora (Lake of the Woods District Hosp) ON (Heli)
CJH3	Maidstone SK
CJH8	Leask SK
CJJ2	Glenboro MB
CJJ3	Wildwood/Loche Mist Farms AB
CJJ4	Deloraine MB
CJJ5	Cabri SK
CJJ8	Macklin SK
CJK2	Gunisao Lake MB
CJK3	Beauval SK
CJK4	Esterhazy SK
CJK5	Gull Lake SK
CJK9	Preeceville SK
CJL2	Hatchet Lake SK
CJL4	La Loche SK
CJL5	Winnipeg/Lyncrest MB
CJL6	Altona Muni MB
CJL8	Kasba Lake NT
CJM2	Ituna SK
CJM4	Gravelbourg SK
CJM5	Frontier SK
CJM6	Arborfield SK
CJN2	Kamsack SK
CJN3	Ignace (MBCHC) ON (Heli)
CJN4	Assiniboia SK
CJN5	Saskatoon/Banga International Air SK
CJN7	Little Churchill River/Dunlop's Fly-in Lodge MB
CJO2	Joliette/St-Thomas QC
CJP2	Kerrobert SK
CJP4	Saskatoon (Jim Pattison Children's Hospital) SK (Heli)
CJP6	Camsell Portage SK

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CJP7	Bird River(Lac du Bonnet) MB
CJP9	Charlot River SK
CJQ2	Lampman SK
CJQ3	Carlyle SK
CJQ4	Maple Creek SK
CJQ6	Tanquary Fiord NU
CJQ8	Maryfield SK
CJQ9	Big Sand Lake MB
CJR2	Luseland SK
CJR3	The Pas/Grace Lake MB
CJR4	Eston SK
CJR5	Gladstone MB
CJR8	McCreary MB
CJS2	Malcolm Island SK
CJS4	Moose Jaw Muni SK
CJS5	Killarney Muni MB
CJS7	Carman (South) MB
CJT3	Knee Lake MB
CJT4	Cumberland House SK
CJT5	Melita MB
CJT8	Homewood MB
CJT9	Leoville SK
CJU3	MacDonald MB
CJU4	Humboldt SK
CJU5	Minnedosa MB
CJU6	Arborg MB
CJU7	Edam SK
CJV2	Neilburg SK
CJV5	Neepawa MB
CJV7	Summer Beaver ON
CJV8	Grand Rapids MB
CJV9	Melville Muni SK
CJW2	Oxbow SK
CJW3	Loon Lake SK
CJW4	Pelican Narrows SK
CJW5	Russell MB
CJW7	Cigar Lake SK
CJX3	La Ronge SK (Heli)
CJX4	Rosetown SK
CJX5	Souris Glenwood Industrial Air Park MB
CJY3	Tisdale SK
CJY4	Sandy Bay SK
CJY5	Strathclair MB
CJZ2	Portage La Prairie (North) MB
CJZ3	Melfort (Miller Field) SK
CJZ4	Shellbrook SK
CKA2	Kelvington/Clayton Air 2 SK
CKA4	Zhoda MB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CKA8	St. François Xavier MB
CKA9	Southend/Hans Ulricksen Field SK
CKB2	Patuanak SK
CKB3	Trail (Kootenay Boundary Regional Hospital) BC (Heli)
CKB6	Angling Lake/Wapekeka ON
CKB7	Roblin MB
CKB8	Silver Falls MB
CKC4	Calgary/K. Coffey Residence AB (Heli)
CKC6	Lanigan SK
CKC7	Rockglen SK
CKC8	Somerset MB
CKC9	Pangman SK
CKD2	Porcupine Plain SK
CKD5	Kipling SK
CKD7	Roland (Graham Field) MB
CKD8	Kirkfield/Balsam Lake ON
CKD9	Slate Falls ON
CKE2	Quill Lake SK
CKE8	Unity SK
CKE9	Nipigon (District Mem Hosp) ON (Heli)
CKF2	Radville SK
CKF3	Atikokan (Gen Hosp) ON (Heli)
CKF4	Goodsoil SK
CKF6	MacGregor Airfield MB
CKF8	Cookstown/Kirby Field ON
CKF9	De Lesseps Lake ON
CKG2	Riverton MB
CKG5	Manitou MB
CKG8	Kakabeka Falls ON
CKH3	Debden SK
CKH5	Killam (Health Centre) AB (Heli)
CKH8	Lumsden (Colhoun) SK
CKH9	Kelowna (Gen Hosp) BC (Heli)
CKJ2	Rosenort MB
CKJ7	Starbuck MB
CKJ8	Molson Lake MB
CKJ9	Lemberg SK
CKK2	St. Brieux SK
CKK3	Coronach/Scobey Border Station SK
CKK7	Steinbach (South) MB
CKL2	Selkirk MB
CKL3	Wunnumin Lake ON
CKL5	Shoal Lake MB
CKL6	Little Bear Lake SK
CKL8	Upsala ON (Heli)
CKL9	Regina Beach SK
CKM4	Jan Lake SK

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CKM6	Easterville MB
CKM7	Thompson MB (Heli)
CKM8	Opapimiskan Lake ON
CKM9	Kentville (Camp Aldershot) NS (Heli)
CKN5	Fillmore SK
CKN8	Nekweaga Bay SK
CKP2	Spring Valley (North) SK
CKP4	Kirkfield (Palestine) ON
CKQ3	North Spirit Lake ON
CKQ5	Lucky Lake SK
CKQ6	Erickson Muni MB
CKQ7	Vermilion Bay ON
CKQ8	McArthur River SK
CKQ9	Pine Dock MB
CKR4	Lundar MB
CKR7	Virden (Gabrielle Farm) MB
CKS7	Wadena SK
CKS8	Cree Lake/Crystal Lodge (Midgett Field) SK
CKS9	Kincardine/Shepherd's Landing ON
CKT6	St-Remi-D'Amherst/Kanata Tremblant Resort QC (Heli)
CKT7	Wakaw SK
CKU2	Treherne MB
CKU6	Grenfell SK
CKU7	Watrous SK
CKV2	Kelvington SK
CKV3	Dryden Best Western ON (Heli)
CKV4	Obre Lake/North of Sixty NT
CKV8	Kentville (Valley Regional Hosp) NS (Heli)
CKV9	Fort Vermilion/Country Gardens B&B AB (Heli)
CKX4	Fisher Branch MB
CKX5	Dinsmore SK
CKX8	Big River SK
CKY2	Whitewood SK
CKY8	Cochrane/Arkayla Springs AB
CKZ3	Elk Island MB
CKZ5	Meteghan/Keizers Air Park NS
CKZ6	Crystal City-Pilot Mound/Louise Muni MB
CKZ7	Winkler MB
CLA4	Holland Landing Airpark ON
CLA6	Lancaster Airpark ON
CLB2	Plattsville (Edward's Air Base) ON
CLC2	London/Chapeskie Field ON
CLC3	Calgary (Peter Lougheed Centre) AB (Heli)
CLC4	Loon Creek Airfield SK

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CLE3	Shawnigan Lake (Elie Acres) BC (Heli)
CLE4	Lower East Pubnico (LA Field) NS
CLF2	Cheadle/Country Lane Farms AB
CLG7	Fort McMurray (Legend) AB
CLH2	Stettler (Hospital & Care Centre) AB (Heli)
CLH3	Long Harbour BC
CLH4	Lethbridge (Chinook Regional Hosp) AB (Heli)
CLH5	Bobcaygeon/Chesher Lakehurst ON
CLH6	Lloydminster (Hospital) SK (Heli)
CLH7	Long Harbour River NL (Heli)
CLJ3	Lethbridge (J3 Airfield) AB
CLM2	Leamington ON
CLM4	Lamont (Health Care Centre) AB (Heli)
CLN4	Beaverlodge/Clanaechan AB
CLP2	Montréal/Laval (Artopex Plus) QC (Heli)
CLQ2	Liverpool (Queens General Hosp) NS (Heli)
CLS3	Fort McMurray (South Liege) AB
CLS5	Magog/Lessard QC (Heli)
CLS6	Smithville, ON
CLV2	Stayner (Clearview Field) ON
CLW2	Ullswater ON
CLW3	Laurel/Whittington ON
CLW4	London/Watson Airfield ON
CLW6	Conestogo/Largo Woods Field ON
CLY3	Stettler/Lyster Field AB
CMA2	Mattawa ON
CMA5	Mattawa (Hosp) ON (Heli)
CMA6	Tottenham/Mardon ON
CMBH	Mount Belcher BC (Heli)
CMB2	Meadowbank NU
CMB5	Campbellville (Bellshill Airpark) ON
CMB7	Maxville (Bourdon Farm) ON
CMB8	Combermere/Bonnie Brae Airfield ON
CMB9	Port Renfrew (Mill Bay Marine Group) BC (Heli)
CMC2	Edmonton/Misericordia (Community Hosp) AB (Heli)
CMC3	Mayerthorpe (Healthcare Centre) AB (Heli)
CMC4	Marcelin/Clayton Air 1 SK
CMC5	Blackie/McElroy Ranch AB (Heli)
CME2	Omemee ON
CME3	Bala (Medora Lake) ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CMF2	Edmonton/Calmar (Maplelane Farm) AB
CMF3	Lethbridge (Mercer Field) AB
CMF4	Port Hope (Millson Field) ON
CMH2	Milton (AF) ON (Heli)
CMH3	Lacombe (Mustang Helicopters) AB (Heli)
CMH4	Montréal/Mirabel Hélico QC (Heli)
CMH5	Medicine Hat (Regional Hospital) AB (Heli)
CMH6	Valemount (CMH) BC (Heli)
CMH7	Melfort (Hosp) SK (Heli)
CMI2	Minden (Hosp) ON (Heli)
CML2	Quamichan Lake (Raven Field) BC
CML5	Thunder Bay (Martin's Landing) ON
CML7	Minto Landing YT
CML8	St-Mathieu-de-Laprairie QC
CML9	St-Michel QC (Heli)
CMM3	Nanaimo/Boat Harbour BC (Heli)
CMN4	Minto YT
CMN5	Manic-5 QC
CMN6	Edmonton/Morinville (Mike's Field) AB
CMR2	Mary River NU
CMR3	Fullarton/Munro ON
CMR6	Camrose/St. Mary's Hosp AB (Heli)
CMS2	Middleton (Soldiers Memorial Hosp) NS (Heli)
CMT3	Calgary (Foothills Hosp McCaig Tower) AB (Heli)
CMW3	Matawatchan ON
CMX2	Maxville ON
CMY2	Chipman/M.Y. Airfield AB
CMY3	Clairmont/Meyer's Airstrip AB
CNA2	Highgate ON
CNA3	Springwater (Barrie Airpark) ON
CNA4	Emsdale ON
CNA5	Uxbridge (Cottage Hosp) ON (Heli)
CNA9	Plevna/Tomvale ON
CNB2	Bolton ON (Heli)
CNB3	North Bay (North Bay Regional Health Centre) ON (Heli)
CNB4	Cobourg (Northumberland Hills Hosp) ON (Heli)
CNB6	Newburgh ON
CNC2	Cornwall (Dev Centre) ON (Heli)
CNC3	Brampton-Caledon ON
CNC4	Guelph ON
CNC9	Perth (Great War Mem Hosp) ON (Heli)
CND4	Haliburton/Stanhope Muni ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CND7	New Denver/Slocan Community (Health Centre) BC (Heli)
CNE3	Bearskin Lake ON
CNE4	Iroquois Falls ON
CNE9	Essex ON
CNF2	Haliburton (Hosp) ON (Heli)
CNF3	Pendleton ON
CNF4	Lindsay/Kawartha Lakes Municipal Airport ON
CNF8	Dwight ON
CNF9	Niagara Falls/Niagara South ON
CNG2	New Glasgow (Aberdeen Hosp) NS (Heli)
CNG5	Pembroke (Regional Hosp) ON (Heli)
CNG6	Walkerton (County of Bruce Gen Hosp) ON (Heli)
CNG8	Niagara Falls (Greater Niagara General Hosp) ON (Heli)
CNH2	Natuashish NL
CNH4	St.Catharines (Niagara Health System) ON (Heli)
CNH9	Nanaimo (West Coast) BC (Heli)
CNJ4	Orillia Rama Regional ON
CNK4	Parry Sound Area Muni ON
CNK6	Owen Sound (Grey Bruce Health Services) ON (Heli)
CNK7	Canmore/Nakoda AB (Heli)
CNL2	Fort McMurray (North Liege) AB
CNL3	Brockville Regional Tackaberry Aprt ON
CNL4	Port Elgin ON
CNL9	Nueltin Lake MB
CNM2	Melbourne ON
CNM3	Sturgeon Falls (West Nipissing Gen Hosp) ON (Heli)
CNM5	Kingfisher Lake ON
CNM6	Naramata (Heli) BC
CNN3	Shelburne/Fisher Field ON
CNN8	Gananoque ON
CNO9	Fort McMurray/Northern Lights Regional Health Centre AB (Heli)
CNP3	Arnprior ON
CNP4	Seagrave/North Port ON
CNP6	Nampa/Hockey AB
CNP7	Iroquois ON
CNP8	Greenbank ON
CNQ3	Welland/Niagara Central Dorothy Rungeling ON
CNR2	Innerkip ON
CNR3	Sault Ste. Marie ON (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CNR4	Tobermory ON
CNR5	Norland/Trotter ON
CNR6	Carleton Place ON
CNS3	Englehart (District Hosp) ON (Heli)
CNS4	Alexandria ON
CNS8	Morrisburg ON
CNS9	Smiths Falls (Community Hosp) ON (Heli)
CNT4	Little Current (Manitoulin Health Centre) ON (Heli)
CNT6	Elmira ON
CNT7	Picton ON
CNT9	Newtonville/Steeves Field ON
CNU3	Peterborough (Reg Health Centre) ON (Heli)
CNU4	Belleville (Marker Field) ON
CNU8	Toronto/Markham ON
CNV2	Inverness (Consolidated Mem Hosp) NS (Heli)
CNV3	New Liskeard (Temiskaming Hosp) ON (Heli)
CNV4	Hawkesbury ON
CNV8	Edenvale ON
CNV9	Québec/Neuville QC
CNW3	Bancroft ON
CNW4	Mindemoya (Hosp) ON (Heli)
CNW8	Toronto (Hosp For Sick Children) ON (Heli)
CNW9	Vancouver/New Westminster (Royal Columbian Hosp) BC (Heli)
CNX3	Carey Lake ON
CNX8	Nixon ON
CNY3	Collingwood ON
CNY4	Alliston ON
CNY8	Toronto (Sunnybrook Health Sciences Centre) ON (Heli)
CNZ2	Anzac (Long Lake) AB (Heli)
CNZ4	Barry's Bay/Madawaska Valley Airpark ON
CNZ6	Georgetown (Georgetown and District Hosp) ON (Heli)
CNZ7	Hanover (District Hosp) ON (Heli)
CNZ8	Grimsby Regional Airport ON
COK2	Calgary\Okotoks (GG Ranch) AB (Heli)
COK3	Oakwood ON
COL2	Orangeville/Laurel ON
COL4	Sicamous/Owls Landing BC (Heli)
COL5	Saguenay/Oligny QC (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
COP2	Orillia (Ontario Provincial Police) ON (Heli)
COR2	Val-d'Or (St-Pierre) QC (Heli)
COR3	Orono Field ON
COR8	Orangeville/Rosehill ON
COS2	Iona Station (Bobier Strip) ON
CPA2	Mount Forest (Louise Marshall Hosp) ON (Heli)
CPA3	Palmerston (District Hosp) ON (Heli)
CPA4	Simcoe (Dennison Field) ON
CPA5	Toronto/Tarten ON (Heli)
CPA6	Hagersville (West Haldimand Gen Hosp) ON (Heli)
CPA7	Meaford (Gen Hosp) ON (Heli)
CPA8	Simcoe (Norfolk Gen Hosp) ON (Heli)
CPA9	Dunnville (Haldimand War Mem Hosp) ON (Heli)
CPB2	Fergus (Groves Memorial Community Hosp) ON (Heli)
CPB3	Welland (County Gen Hosp) ON (Heli)
CPB5	Pilot Butte SK
CPB7	Bancroft (North Hastings District Hosp) ON (Heli)
CPB8	Bistcho AB
CPB9	Baldwin ON
CPC2	Port Carling ON
CPC3	Arthur (Walter's Field) ON
CPC4	Brampton (National "D") ON (Heli)
CPC5	Port Carling (Avon Bay) ON (water aerodrome)
CPC6	Teeswater (Thompson Field) ON
CPC9	Huntsville (Mem District Hosp) ON (Heli)
CPD2	Ethel ON
CPD3	Durham (Memorial Hospital) ON (Heli)
CPD4	Brussels (Armstrong Field) ON
CPD9	Markdale (Centre Grey Gen Hosp) ON (Heli)
CPE2	Ajax (Pickering Gen Hosp) ON (Heli)
CPE4	Cambridge/Reid's Field ON
CPE5	Port Colborne ON
CPE6	Sundridge/South River ON
CPE7	Picton (Prince Edward County Hosp) ON (Heli)
CPE8	Halkirk/Paintearth (Fetaz) AB
CPF2	Bar River ON
CPF3	Dunrobin/Parti Field ON
CPF4	Cobden/Bruce McPhail Memorial ON
CPF6	Stoney Creek ON
CPF7	Southampton ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CPG3	Fort Erie (Airbus Helicopters Canada Ltd) ON (Heli)
CPG5	Hawkesbury (East) ON
CPG7	Fergus (Juergensen Field) ON
CPG8	Chatham-Kent Health Alliance (Chatham) ON (Heli)
CPG9	Renfrew (Victoria Hosp) ON (Heli)
CPH2	Deep River/Rolph ON
CPH3	Port Hope (Peter's Field) ON
CPH4	Dolbeau-Mistassini/Potvin Heli-base, QC (Heli)
CPH6	Penticton Regional Hospital BC (Heli)
CPH7	Toronto/Markham Stouffville ON (Heli)
CPH9	Fordwich ON
CPJ2	Alliston ON (Heli)
CPJ3	Hamilton (McMaster University Medical Centre) ON (Heli)
CPJ4	Geraldton (District Hosp) ON (Heli)
CPJ5	Stirling ON
CPJ6	St-Pierre-Jolys (Carl's Field) MB
CPJ7	Kingston (General Hosp) ON (Heli)
CPK2	Strathroy (Blue Yonder) ON
CPK3	Hamilton (Gen Hosp) ON (Heli)
CPK6	Toronto (Mississauga Credit Valley Hosp) ON (Heli)
CPK7	Ottawa (Children's Hosp) ON (Heli)
CPK9	Arthur (Peskett Field) ON
CPL2	Bracebridge (South Muskoka Mem Hosp) ON (Heli)
CPL3	Kars/Rideau Valley Air Park ON
CPL4	Grand Bend ON
CPL6	Edmonton/Parkland AB
CPM3	Pourvoirie Mirage QC
CPM5	Tottenham/Volk ON
CPM7	Bradford ON
CPN2	Rodney/Pinder Airfield ON
CPN3	Moose Factory ON (Heli)
CPN8	London (Pioneer Airpark) ON
CPP2	Collingwood (Gen & Marine Hosp) ON (Heli)
CPP3	Port Perry/Hoskin ON
CPP6	Grand River Executive Airport ON
CPP7	Ottawa (Civic Hosp) ON (Heli)
CPP8	Montréal/Passport Hélico QC (Heli)
CPQ3	Niagara Falls ON (Heli)
CPR2	Ottawa/Embrun ON
CPR4	London (University Hosp) ON (Heli)
CPR5	Woodstock (Norm Beckham/Bob Hewitt Field) ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CPR7	Wingham/Richard W LeVan ON
CPR8	Pincher Creek (Hosp) AB (Heli)
CPS2	Keene/Elmhirst's Resort ON
CPS4	Lucan ON
CPS5	Miminiska ON
CPS6	Cornwall (Community Hosp McConnell Site) ON (Heli)
CPT2	Killarney ON
CPT3	Rockton ON
CPT9	Pintendre QC
CPU2	Kincardine (South Bruce Grey Health Centre) ON (Heli)
CPU4	Manitouwadge (Santé/Health) ON (Heli)
CPU6	Tyendinaga (Mohawk) ON
CPV2	Orangeville/Castlewood Field ON
CPV3	Prince Albert (Victoria Hosp) SK (Heli)
CPV4	Mansfield ON
CPV6	Barry's Bay (St. Francis Mem Hosp) ON (Heli)
CPV7	Poplar Hill ON
CPV8	Keewaywin ON
CPV9	Poverty Valley SK
CPW2	London (Victoria Hosp) ON (Heli)
CPW6	Midland (Huronia District Hosp) ON (Heli)
CPW8	Powell River (Qathet Gen Hosp) BC (Heli)
CPX2	Marathon (Wilson Mem Hosp) ON (Heli)
CPX6	Port Perry (Lakeridge Health) ON (Heli)
CPY2	Milton (District Hosp) ON (Heli)
CPY3	Beardmore (Health Centre) ON (Heli)
CPY5	Toronto/Wilson's ON (Heli)
CPY9	Fergus (Holyoake Airfield) ON
CPZ2	Alliston (Stevenson Mem Hosp) ON
CPZ3	Trenton/Mountain View ON
CPZ6	Montréal/Point Zero QC (Heli)
CQV3	Revelstoke (Queen Victoria Hospital) BC (Heli)
CRA3	Rednersville/Aery ON
CRB2	Cottam ON
CRB4	Rivière Bonnard QC
CRB5	Rivière Bell QC
CRC2	Fredericton (RCMP) NB (Heli)
CRC3	Ross Creek BC
CRD2	Coaldale (Rednek Air) AB
CRD3	Red Deer Regional Hosp Centre AB (Heli)

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CRD5	Red Deer/Truant AB
CRD6	Red Deer/Truant South AB
CRE2	Rae/Edzo NT
CRE5	Red Deer/Chong Residence AB (Heli)
CRF3	Edmonton/Villeneuve (Rose Field) AB
CRF4	Calgary/Okotoks (Rowland Field) AB
CRF5	Saskatoon/Richter Field SK
CRG2	Kelowna (Argus) BC (Heli)
CRG3	Carignan (Bouthillier) QC
CRH2	Coronation (Health Centre) AB (Heli)
CRH5	Rimbey (Hospital & Care Centre) AB (Heli)
CRK2	Millet/Creekview AB
CRL2	Westport/Rideau Lakes ON
CRL3	Red Lake (Margaret Cochenour Mem Hosp) ON (Heli)
CRL4	Kirby Lake AB
CRL7	Reindeer Lake SK
CRL9	Kingston/Riverland ON
CRM2	Riding Mountain MB
CRM4	Cormier NB
CRM5	Wheatley (Robinson Motorcycles) ON
CRML	Stoney Point (Le Cunff) ON
CRP2	Reston/R.M. of Pipestone MB
CRP3	Redwater (Pembina) AB (Heli)
CRQ2	Regina General (Hosp) SK (Heli)
CRS2	Parry Sound Medical ON (Heli)
CRS3	Calgary/Christiansen Field AB
CRS4	Rosseau ON
CRS5	Wheatland/Spud Plains MB
CRS6	Windermere/Rostrevor ON (Heli)
CRV2	Barrie (Royal Victoria Hosp) ON (Heli)
CRV7	Parry Sound/Revilo Island ON (water aerodrome)
CRW2	Redwater (Heliworks) AB (Heli)
CRW4	Arctic Watch Lodge NU
CRW8	Redwater (Health Centre) AB (Heli)
CSA2	Lac Agile (Mascouche) QC
CSA3	Edmonton/Sturgeon Community Hospital AB (Heli)
CSB2	Sable Island NS
CSB3	St-Mathieu-de-Beloeil (Gilles Beaudet) QC
CSB4	Chibougamau QC (Heli)
CSB5	Shediac Bridge NB
CSB7	Severn Bridge ON
CSC3	Drummondville QC
CSC4	Shefford QC (Heli)
CSC5	Lac Etchemin QC
CSC9	Sudbury/Coniston ON

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CSD2	Sundre (Hospital & Health Care Centre) AB (Heli)
CSD3	Salaberry-de-Valleyfield QC
CSD4	Mont-Laurier QC
CSD5	Fermont QC (Heli)
CSD7	Sunderland ON
CSE2	Chibougamau (Hydro-Québec) QC (Heli)
CSE3	Lourdes-de-Joliette QC
CSE4	Lachute QC
CSE5	Montmagny QC
CSF2	Innisfail (Hosp) AB (Heli)
CSF3	Poste Montagnais (Mile 134) QC
CSF4	Shelburne (Schaefer Field) ON
CSF5	Markerville/Safron Farms AB
CSF6	Delburne/Stonehill Farms AB
CSF7	Ottawa/Casselman (Shea Field) ON
CSF8	Lampman/Spitfire Air SK
CSG3	Joliette QC
CSG5	St-Jean Chrysostome QC
CSG6	Edmonton/Kelsonae AB (Heli)
CSG7	Sherbrooke (CHUS) (François Desourdy) QC (Heli)
CSG9	Sagard QC (Heli)
CSH2	Isle-aux-Grues QC
CSH3	Calgary/South Health Campus (Hosp) AB (Heli)
CSH4	Lebel-sur-Quévillon QC
CSH5	St-Ferdinand QC
CSH6	Montréal/Les Cèdres QC (Heli)
CSH7	Lake Joseph/Scheinberg ON (Heli)
CSH9	Montreal East (AIM) QC (Heli)
CSJ2	Kanawata Aeroparc QC
CSJ3	Estevan (St. Joseph's Hosp) SK (Heli)
CSJ4	Louiseville QC
CSJ5	St-Louis-de-France QC
CSK4	Mansonville QC
CSK5	St-Raymond/Paquet QC
CSK6	Snap Lake NT
CSK7	Sudbury/Lively (Skyline Helicopter Technologies) ON (Heli)
CSK9	Nicolet QC (Heli)
CSL3	Lac-à-la-Tortue QC
CSL4	Campbell River (Sealand Aviation) BC (Heli)
CSL5	St-Victor-de-Beauce QC
CSL6	Slave Lake/Slave Lake Helicopters AB (Heli)
CSL7	Odessa/Strawberry Lakes SK

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CSL8	Sudbury (Health Sciences North) ON (Heli)
CSL9	Baie-Comeau (Manic 1) QC
CSM2	Strathmore (Dist Health Services) AB (Heli)
CSM3	Thetford Mines QC
CSM4	Seymour Arm BC
CSM5	St-Michel-des-Saints QC
CSM7	Abbotsford (Sumas Mountain) BC (Heli)
CSM9	Sault Ste. Marie (Sault Area Hosp) ON (Heli)
CSN2	Montréal/Kruger QC (Heli)
CSN4	Woodstock/Snokist NB (Heli)
CSN6	Saint John (Regional Hosp) NB (Heli)
CSN7	Farnham QC
CSP2	Stony Plain (Westview Health Centre) AB (Heli)
CSP3	Stony Plain (Lichtner Farms) AB
CSP5	St-Mathias QC
CSP6	Montréal/Aéroparc Île Perrot QC
CSQ3	Valcourt QC
CSQ4	Casey (Camp de Base) QC
CSR3	Victoriaville (André Fortin) QC
CSR6	Sonora Resort BC (Heli)
CSR8	La Sarre QC
CSS2	Rivière-du-Loup QC (Heli)
CSS4	St-Dominique QC
CST3	Montréal/St-Lazare QC
CST4	Saintfield/Stone ON
CST5	Sable Island NS (Heli)
CST7	St-Lambert-de-Lauzon QC
CSU2	Chisasibi QC
CSU3	St-Hyacinthe QC
CSU4	Shubenacadie NS (Heli)
CSU5	Weymontachie QC
CSU7	Lac-à-la-Tortue QC (water aerodrome)
CSU8	Sudbury/Kelly Lake ON (Heli)
CSV2	Ste-Agathe (AIM) QC (Heli)
CSV3	Bécancour QC (Heli)
CSV4	Fort Saskatchewan (Gen Hosp) AB (Heli)
CSV8	Schomberg (Sloan Field) ON
CSW4	Bracebridge (Stone Wall Farm) ON
CSW5	Montréal (Bell) QC (Heli)
CSW6	Hastings/Sweetwater Farms ON
CSX5	St-Mathias/Grant QC
CSX7	Sexsmith/Exeter ON
CSY3	Sorel QC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CSY4	St-Donat QC
CSY6	Poste Lemoyne (Complex LG-3) QC (Heli)
CSY7	Wallaceburg / Chatham-Kent Health Alliance (Wallaceburg) ON (Heli)
CSY9	Sydney (Cape Breton Regional Hosp) NS (Heli)
CSZ3	Mont-Tremblant/St-Jovite QC
CSZ4	St-Frédéric QC
CSZ6	St-Jérôme (Hydro-Québec) QC (Heli)
CSZ8	Montréal (Sacré-Coeur) QC (Heli)
CTA2	Sept-Îles (Hydro-Québec) QC (Heli)
CTA3	Île aux Coudres QC
CTA4	St-Bruno-de-Guigues QC
CTA6	Bracebridge (Tinkham Field) ON
CTA9	Ottawa/Gatineau (Casino) QC (Heli)
CTB2	Thunder Bay (Health Science Centre) ON (Heli)
CTB6	Tête-à-la-Baleine QC
CTB7	Taber (Health Centre) AB (Heli)
CTB8	Cold Lake/Three Bears Landing AB
CTD4	Baie-St-Paul QC (Heli)
CTF2	Tofield (Health Centre) AB (Heli)
CTF3	Causapscal QC
CTF4	Dundalk (Tripp Field) ON
CTF5	Pierceland (Turchyn Field) SK
CTF6	Lethbridge (Taylor Field) AB
CTG2	Montréal/St-Hubert Heli-Inter QC (Heli)
CTG3	Du Rocher-Percé (Pabok) QC
CTH3	Les Bergeronnes QC
CTH4	Two Hills (Health Centre) AB (Heli)
CTH5	Harrington Harbour QC (Heli)
CTH7	Rivière-aux-Saumons QC
CTH8	Cookstown/Tally-Ho Field ON
CTH9	St-Augustin QC (Heli)
CTK8	Abbotsford (Teck) BC (Heli)
CTM4	Toronto (St. Michael's Hosp) ON (Heli)
CTM6	Timmins (Timmins & District Hosp) ON (Heli)
CTM7	Tundra Mine/Salmita Mine NT
CTM9	Oakville (Trafalgar Mem Hosp) ON (Heli)
CTN6	Treherne (South Norfolk Airpark) MB
CTN8	Nairn (Triple Nickel) ON
CTP5	St. Paul (Health Care Centre) AB (Heli)
CTP9	Kattiniq/Donaldson QC
CTQ2	Stanstead/Weller QC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CTR3	Tottenham/Ronan ON
CTR4	Granby/Artopex Plus QC (Heli)
CTR6	St-Basile (Marcotte) QC
CTR8	Fraserwood/Tribble Ranch Field MB
CTS6	Hespero/Safron Residence AB (Heli)
CTT5	La Romaine QC
CTU2	Fontanges QC
CTU5	La Tabatière QC
CTV4	Kleinburg (Tavares Field) ON
CTY5	Rougemont QC
CUT2	Port Perry/Utica Field ON
CVA3	Kelowna (Valhalla) BC (Heli)
CVB2	Voisey's Bay NL
CVF2	Fergus (Vodarek Field) ON
CVF3	Bethany/Whitetail Valley Farm ON
CVG8	Vegreville (St. Joseph's General Hosp) AB (Heli)
CVH2	Vermilion Health Centre AB (Heli)
CVH7	Vulcan (Hosp) AB (Heli)
CVL2	Vulcan/Kirkcaldy AB
CVL3	Camden East/Varty Lake ON
CVM2	Victor Mine ON
CVS2	Viking (South) AB
CVS3	Vancouver (Surrey Memorial Hosp) BC (Heli)
CVV2	Valleyview (Health Centre) AB (Heli)
CWB2	Bracebridge West ON
CWC2	Kelowna (Wildcat Helicopters) BC (Heli)
CWC4	Wetaskiwin (Hospital & Care Centre) AB (Heli)
CWD2	Collingwood/Alta ON (Heli)
CWD3	Hamilton/Waterdown ON (Heli)
CWF2	Walter's Falls (Piper Way) ON
CWF3	Mount Brydges/Warren Field ON
CWF4	Heathcote/Wilkinson Field ON
CWG2	Winnipeg (City of Winnipeg) MB (Heli)
CWH3	Woodstock (Hospital) ON (Heli)
CWH4	Ottawa (Winchester District Memorial Hosp) ON (Heli)
CWH6	Moose Jaw (Dr. F. H. Wigmore Regional Hosp) SK (Heli)
CWH5	Wingham (Inglis Field) ON
CWH7	Winnipeg (Health Sciences Centre) MB (Heli)
CWL3	Calmar/Wizard Lake AB
CWL4	Woodlands/Kendall Farm MB
CWP3	Leslieville/W. Pidhirney Residence AB (Heli)
CWR2	Vulcan/Wild Rose AB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CXX2	Wiebenville ON
CYAB	Arctic Bay NU
CYAC	Cat Lake ON
CYAD	La Grande-3 QC
CYAG	Fort Frances Muni ON
CYAH	La Grande-4 QC
CYAL	Alert Bay BC
CYAM	Sault Ste. Marie ON
CYAQ	Kasabonika ON
CYAS	Kangirsuk QC
CYAT	Attawapiskat ON
CYAU	Liverpool/South Shore Regional NS
CYAV	Winnipeg/St. Andrews MB
CYAW	Halifax/Shearwater NS (Heli)
CYAX	Lac du Bonnet MB
CYAY	St. Anthony NL
CYAZ	Tofino/Long Beach BC
CYBA	Banff AB
CYBB	Kugaaruk NU
CYBC	Baie-Comeau QC
CYBD	Bella Coola BC
CYBE	Uranium City SK
CYBF	Bonnyville AB
CYBG	Bagotville QC
CYBK	Baker Lake NU
CYBL	Campbell River BC
CYBN	Borden ON (Heli)
CYBP	Brooks Regional AB
CYBQ	Tadoule Lake MB
CYBR	Brandon Muni MB
CYBT	Brochet MB
CYBU	Nipawin SK
CYBV	Berens River MB
CYBW	Calgary/Springbank AB
CYBX	Lourdes-de-Blanc-Sablon QC
CYB3	Nelson/Blaylock Estate BC (Heli)
CYCA	Cartwright NL
CYCB	Cambridge Bay NU
CYCC	Cornwall Regional ON
CYCD	Nanaimo BC
CYCE	Centralia/James T. Field Memorial ON
CYCG	Castlegar/West Kootenay Regional BC
CYCH	Miramichi NB
CYCK	Chatham-Kent ON
CYCL	Charlo NB
CYCN	Cochrane ON
CYCO	Kugluktuk NU

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYCP	Blue River BC
CYCQ	Chetwynd BC
CYCR	Cross Lake (Charlie Sinclair Mem) MB
CYCS	Chesterfield Inlet NU
CYCT	Coronation AB
CYCW	Chilliwack BC
CYCX	Gagetown NB (Heli)
CYCY	Clyde River NU
CYCZ	Fairmont Hot Springs BC
CYDA	Dawson City YT
CYDB	Burwash YT
CYDC	Princeton BC
CYDF	Deer Lake NL
CYDH	Ottawa/Dwyer Hill ON (Heli)
CYDL	Dease Lake BC
CYDM	Ross River YT
CYDN	Dauphin (Lt. Col W.G. (Billy) Barker VC) MB
CYDO	Lac-Saint-Jean QC
CYDP	Nain NL
CYDQ	Dawson Creek BC
CYEA	Empress AB
CYED	Edmonton/Namao AB (Heli)
CYEE	Midland/Huronia ON
CYEG	Edmonton Intl AB
CYEK	Arviat NU
CYEL	Elliot Lake Muni ON
CYEM	Manitowaning/Manitoulin East Muni ON
CYEN	Estevan Regional SK
CYER	Fort Severn ON
CYES	Edmundston NB
CYET	Edson AB
CYEU	Eureka NU
CYEV	Inuvik (Mike Zubko) NT
CYEY	Amos/Magny QC
CYFA	Fort Albany ON
CYFB	Iqaluit NU
CYFC	Fredericton Intl NB
CYFD	Brantford ON
CYFE	Forestville QC
CYFH	Fort Hope ON
CYFI	Fort MacKay/Firebag AB
CYFJ	La Macaza/Mont-Tremblant QC
CYFO	Flin Flon MB
CYFR	Fort Resolution NT
CYFS	Fort Simpson NT
CYFT	Makkovik NL
CYGB	Texada/Gillies Bay BC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYGD	Goderich ON
CYGE	Golden BC
CYGH	Fort Good Hope NT
CYGK	Kingston ON
CYGL	La Grande Rivière QC
CYGM	Gimli Industrial Park Airport MB
CYGO	Gods Lake Narrows MB
CYGP	Gaspé (Michel-Pouliot) QC
CYGQ	Geraldton (Greenstone Regional) ON
CYGR	Îles-de-la-Madeleine QC
CYGT	Igloolik NU
CYGV	Havre St-Pierre QC
CYGW	Kuujjuarapik QC
CYGX	Gillam MB
CYGZ	Grise Fiord NU
CYG2	Parkhill (Yellow Gold) ON
CYHA	Quaqtaq QC
CYHB	Hudson Bay SK
CYHC	Vancouver Harbour BC (water aerodrome)
CYHD	Dryden Regional ON
CYHE	Hope BC
CYHF	Hearst (René Fontaine) Muni ON
CYHH	Nemiscau QC
CYHI	Ulukhaktok NT
CYHK	Gjoa Haven NU
CYHM	Hamilton ON
CYHN	Hornepayne Muni ON
CYHO	Hopedale NL
CYHR	Chevery QC
CYHS	Hanover/Saugeen Muni ON
CYHT	Haines Junction YT
CYHU	Montréal/St-Hubert QC
CYHY	Hay River/Merlyn Carter Airport NT
CYHZ	Halifax/Stanfield Intl NS
CYIB	Atikokan Muni ON
CYID	Digby Municipal Airport NS
CYIF	St-Augustin QC
CYIK	Ivujivik QC
CYIO	Pond Inlet NU
CYIV	Island Lake MB
CYJA	Jasper AB
CYJF	Fort Liard NT
CYJM	Fort St. James (Perison) BC
CYJN	St-Jean QC
CYJP	Fort Providence NT
CYJQ	Denny Island BC
CYJT	Stephenville Dymond Airport NL
CYKA	Kamloops BC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYKC	Collins Bay SK
CYKD	Aklavik/Freddie Carmichael NT
CYKF	Kitchener/Waterloo ON
CYKG	Kangiqsujuaq (Wakeham Bay) QC
CYKJ	Key Lake SK
CYKL	Schefferville QC
CYKM	Kincardine ON
CYKO	Akulivik QC
CYKP	Ogoki Post ON
CYKQ	Waskaganish QC
CYKX	Kirkland Lake ON
CYKY	Kindersley Regional SK
CYLA	Aupaluk QC
CYLB	Lac La Biche AB
CYLC	Kimmirut NU
CYLD	Chapleau ON
CYLH	Lansdowne House ON
CYLI	Lillooet BC
CYLJ	Meadow Lake SK
CYLK	Lutselk'e NT
CYLL	Lloydminster AB
CYLQ	La Tuque QC
CYLR	Leaf Rapids MB
CYLS	Barrie-Orillia/Lake Simcoe ON
CYLT	Alert NU
CYLU	Kangiqsualujjuaq (Georges River) QC
CYLW	Kelowna BC
CYMA	Mayo YT
CYME	Matane/Russell-Burnett QC
CYMG	Manitouwadge ON
CYMH	Mary's Harbour NL
CYMJ	Moose Jaw/Air Vice Marshal C.M. McEwen SK
CYML	Charlevoix QC
CYMM	Fort McMurray AB
CYMO	Moosonee ON
CYMT	Chibougamau/Chapais QC
CYMU	Umiujaq QC
CYMW	Maniwaki QC
CYMX	Montréal Intl (Mirabel) QC
CYNA	Natashquan QC
CYNC	Wemindji QC
CYND	Ottawa/Gatineau QC
CYNE	Norway House MB
CYNH	Hudson's Hope BC
CYNJ	Langley Regional BC
CYNL	Points North Landing SK
CYNM	Matagami QC
CYNN	Nejanilini Lake MB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYNR	Fort Mackay/Horizon AB
CYOA	Ekati NT
CYOC	Old Crow YT
CYOD	Cold Lake/Group Captain R.W. McNair AB
CYOH	Oxford House MB
CYOJ	High Level AB
CYOO	Toronto/Oshawa Executive Airport ON
CYOP	Rainbow Lake AB
CYOS	Owen Sound/Billy Bishop Regional ON
CYOW	Ottawa/Macdonald-Cartier Intl ON
CYOY	Valcartier (W/C J.H.L. (Joe) Lecomte) QC (Heli)
CYPA	Prince Albert (Glass Field) SK
CYPC	Paulatuk (Nora Aliqatchialuk Ruben) NT
CYPD	Port Hawkesbury NS
CYPE	Peace River AB
CYPG	Portage La Prairie/Southport MB
CYPH	Inukjuak QC
CYPK	Pitt Meadows BC
CYPL	Pickle Lake ON
CYPM	Pikangikum ON
CYPN	Port-Menier QC
CYPO	Peawanuck ON
CYPP	Parent QC
CYPQ	Peterborough ON
CYPR	Prince Rupert BC
CYPS	Pemberton BC
CYPT	Pelee Island ON
CYPU	Puntzi Mountain BC
CYPW	Powell River BC
CYPX	Puvirnituq QC
CYPY	Fort Chipewyan AB
CYPZ	Burns Lake BC
CYQA	Muskoka ON
CYQB	Québec/Jean Lesage Intl QC
CYQD	The Pas MB
CYQF	Red Deer Regional AB
CYQG	Windsor ON
CYQH	Watson Lake YT
CYQI	Yarmouth NS
CYQK	Kenora ON
CYQL	Lethbridge AB
CYQM	Moncton/Greater Moncton Roméo LeBlanc Intl NB
CYQN	Nakina ON
CYQQ	Comox BC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYQR	Regina Intl SK
CYQS	St. Thomas Muni ON
CYQT	Thunder Bay ON
CYQU	Grande Prairie AB
CYQV	Yorkton Regional SK
CYQW	North Battleford SK
CYQX	Gander Intl NL
CYQY	Sydney/J.A. Douglas McCurdy NS
CYQZ	Quesnel BC
CYRA	Gamètì/Rae Lakes NT
CYRB	Resolute Bay NU
CYRC	Chicoutimi/St-Honoré QC
CYRI	Rivière-du-Loup QC
CYRJ	Roberval QC
CYRL	Red Lake ON
CYRM	Rocky Mountain House AB
CYRO	Ottawa/Rockcliffe ON
CYRP	Ottawa/Carp ON
CYRQ	Trois-Rivières QC
CYRS	Red Sucker Lake MB
CYRT	Rankin Inlet NU
CYRV	Revelstoke BC
CYSA	Stratford Muni ON
CYSB	Sudbury ON
CYSC	Sherbrooke QC
CYSD	Suffield AB (Heli)
CYSE	Squamish Municipal Airport (Don Patrick Field) BC
CYSF	Stony Rapids SK
CYSG	St-Georges QC
CYSH	Smiths Falls-Montague (Russ Beach) ON
CYSJ	Saint John NB
CYSK	Sanikiluaq NU
CYSL	St. Leonard NB
CYSM	Fort Smith NT
CYSN	St Catharines/Niagara District ON
CYSP	Marathon ON
CYSQ	Atlin BC
CYST	St. Theresa Point MB
CYSU	Summerside PE
CYSW	Sparwood/Elk Valley BC
CYSY	Sachs Harbour (David Nasogaluak Jr. Saaryuaq) NT
CYSZ	Ste-Anne-des-Monts QC
CYTA	Pembroke ON
CYTB	Tillsonburg ON
CYTE	Kinngait Airport NU
CYTF	Alma QC

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYTH	Thompson MB
CYTL	Big Trout Lake ON
CYTN	Trenton NS
CYTQ	Tasiujaq QC
CYTR	Trenton ON
CYTS	Timmins (Victor M. Power) ON
CYTZ	Toronto/Billy Bishop Toronto City Airport ON
CYUB	Tuktoyaktuk/James Gruben NT
CYUL	Montréal/Pierre Elliott Trudeau Intl QC
CYUT	Naujaat NU
CYUX	Sanirajak Airport NU
CYUY	Rouyn-Noranda QC
CYVB	Bonaventure QC
CYVC	La Ronge (Barber Field) SK
CYVD	Virden/R.J. (Bob) Andrew Field Regional MB
CYVG	Vermilion AB
CYVK	Vernon BC
CYVL	Colville Lake/Tommy Kochon NT
CYVM	Qikiqtarjuaq NU
CYVO	Val-d'Or QC
CYVP	Kuujjuaq QC
CYVQ	Norman Wells NT
CYVR	Vancouver Intl BC
CYVT	Buffalo Narrows SK
CYVV	Wiarton ON
CYVZ	Deer Lake ON
CYWA	Petawawa ON (Heli)
CYWE	Wekweètì NT
CYWG	Winnipeg/James Armstrong Richardson Intl MB
CYWH	Victoria Harbour BC (water aerodrome)
CYWJ	Déline NT
CYWK	Wabush NL
CYWL	Williams Lake BC
CYWM	Athabasca AB
CYWN	Wainwright/Wainwright (Field 21) AB
CYWP	Webequie ON
CYWV	Wainwright AB
CYWY	Wrigley NT
CYXC	Cranbrook/Canadian Rockies BC
CYXE	Saskatoon/John G. Diefenbaker Intl SK
CYXH	Medicine Hat AB
CYXJ	Fort St. John BC
CYXK	Rimouski QC
CYXL	Sioux Lookout ON
CYXN	Whale Cove NU

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CYXP	Pangnirtung NU
CYXQ	Beaver Creek YT
CYXR	Earlton (Timiskaming Regional) ON
CYXS	Prince George BC
CYXT	Terrace BC
CYXU	London ON
CYXX	Abbotsford BC
CYXY	Whitehorse/Erik Nielsen Intl YT
CYXZ	Wawa ON
CYYB	North Bay ON
CYYC	Calgary/YYC Calgary Intl AB
CYYD	Smithers BC
CYYE	Fort Nelson BC
CYYF	Penticton BC
CYYG	Charlottetown PE
CYYH	Taloyoak NU
CYYJ	Victoria Intl BC
CYYL	Lynn Lake MB
CYYM	Cowley AB
CYYN	Swift Current SK
CYYO	Wynyard/W.B. Needham Field SK
CYYQ	Churchill MB
CYYR	Goose Bay NL
CYYT	St. John's Intl NL
CYYU	Kapuskasing ON
CYYW	Armstrong ON
CYYY	Mont-Joli QC
CYYZ	Toronto/Lester B. Pearson Intl ON
CYZE	Gore Bay-Manitoulin ON
CYZF	Yellowknife NT
CYZG	Salluit QC
CYZH	Slave Lake AB
CYZP	Sandspit BC
CYZR	Sarnia (Chris Hadfield) ON
CYZS	Coral Harbour NU
CYZT	Port Hardy BC
CYZU	Whitecourt AB
CYZV	Sept-Îles QC
CYZW	Teslin YT
CYZX	Greenwood NS
CYZY	Mackenzie BC
CZAC	York Landing MB
CZAM	Salmon Arm BC
CZBA	Burlington Executive ON
CZBB	Vancouver/Boundary Bay BC
CZBD	Ilford MB
CZBF	Bathurst NB
CZBM	Bromont (Roland Désourdy) QC
CZEE	Kelsey MB

CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME (Cont'd)

Indicator	Name
CZEM	Eastmain River QC
CZFA	Faro YT
CZFD	Fond-du-Lac SK
CZFG	Pukatawagan MB
CZFM	Fort McPherson NT
CZFN	Tulita NT
CZF2	Zephyr / Dillon Field ON
CZGF	Grand Forks BC
CZGI	Gods River MB
CZGR	Little Grand Rapids MB
CZHP	High Prairie AB
CZJG	Jenpeg MB
CZJN	Swan River MB
CZKE	Kashechewan ON
CZLQ	Thicket Portage MB
CZMD	Muskrat Dam ON
CZML	South Cariboo / 108 Mile BC
CZMN	Pikwitonei MB
CZMT	Masset BC
CZNG	Poplar River MB
CZNL	Nelson BC
CZPB	Sachigo Lake ON
CZPC	Pincher Creek AB
CZPO	Pinehouse Lake SK
CZRJ	Round Lake (Weagamow Lake) ON
CZSJ	Sandy Lake ON
CZSN	South Indian Lake MB
CZST	Stewart BC
CZTA	Bloodvein River MB
CZTM	Shamattawa MB
CZUC	Ignace Muni ON
CZUM	Churchill Falls NL
CZVL	Edmonton/Villeneuve AB
CZWH	Lac Brochet MB
CZWL	Wollaston Lake SK
K48Y	Pinecreek/Piney Pinecreek Border MN
LFVM	Miquelon France
LFVP	St-Pierre France
69S	Avey Field State/Laurier WA USA
S28	Dunseith/Intl Peace Garden ND USA

LOCATION INDICATORS (OTHER THAN A/D) USED IN NOTAM

Indicator	Location	Service
CYHQ	Ottawa ON	International NOTAM Office
CZEG	Edmonton AB	ACC
CZQM	Moncton NB	ACC
CZQX	Gander NL	ACC
CZUL	Montréal QC	ACC
CZVR	Vancouver BC	ACC
CZWG	Winnipeg MB	ACC
CZYZ	Toronto ON	ACC

CROSS REFERENCE OF HELIPORT NAMES

AHLSTROM AB	Nordegg/Ahlstrom
ALLAN DALE RESIDENCE AB	Red Deer/Allan Dale Residence
ALLAN DALE TRAILERS & RV AB	Red Deer/Allan Dale Trailers & RV
ALTA ON	Collingwood/Alta
ARTOPEX PLUS QC	Granby/Artopex Plus
BAILEY AB	Edmonton/Bailey
BLAYLOCK ESTATE BC	Nelson/Blaylock Estate
BLUEARTH BOW LAKE WINDFARM ON	Montreal River Harbour/BluEarth Bow Lake Windfarm
BLUE-CON AB	Calgary/Blue-Con
BOAT HARBOUR BC	Nanaimo/Boat Harbour
CAMP WAINWRIGHT FIELD AB	Wainwright/Camp Wainwright Field
CAPITALE HÉLICOPTÈRE QC	Québec/Capitale Hélicoptère
CHONG RESIDENCE AB	Red Deer/Chong Residence
COQUITLAM FIRE & RESCUE BC	Vancouver/Coquitlam Fire & Rescue
COUNTRY GARDENS B&B AB	Fort Vermilion/Country Gardens B&B
DRAGON'S FIRE HELIPORT ON	Millgrove/Dragon's Fire Heliport
DWYER HILL ON	Ottawa/Dwyer Hill
EAGLE ISLAND ON	Lake Joseph/Eagle Island
ELEPHANT ENTERPRISES INC. AB	Calgary/Elephant Enterprises Inc.
FOSSIL BEACH (BLUE MOUNTAIN) ON	Thornbury/Fossil Beach (Blue Mountain)
GABRIOLA ISLAND (HEALTH CLINIC) BC	Nanaimo/Gabriola Island (Health Clinic)
GATINEAU (CASINO) QC	Ottawa/Gatineau (Casino)
GREY NUNS COMMUNITY HOSP AB	Edmonton/Grey Nuns Community Hosp
GRIZZLY CREEK RANCH AB	Carway/Grizzly Creek Ranch
HALL RESIDENCE AB	Delburne/Hall Residence
HARBOUR (PUBLIC) BC	Vancouver/Harbour (Public)
HÉLI-BORÉAL QC	Sept-Îles
HELI-LYNX ON	Vittoria/Heli-Lynx
HELIPORT BELLE-ÎLE QC	Lac-des-Écorces/Heliport Belle-Île
HELIPORT P3 QC	Mont-Tremblant/Heliport P3
HELIPORT SENNEVILLE QC	Montréal/Heliport Senneville
IKON ADVENTURES BC	Kelowna/Ikon Adventures
KANATA TREMBLANT RESORT QC	St-Remi-D'Amherst/Kanata Tremblant Resort
KELLY LAKE ON	Sudbury/Kelly Lake
KELSONAE AB	Edmonton/Kelsonae

CROSS REFERENCE OF HELIPORT NAMES (Cont'd)

KRUGER QC	Montréal/Kruger
LAVAL (ARTOPEX PLUS) QC	Montréal/Laval (Artopex Plus)
LES CÈDRES QC	Montréal/Les Cèdres
LESSARD QC	Magog/Lessard
LIVELY (SKYLINE HELICOPTER TECHNOLOGIES) ON	Sudbury/Lively (Skyline Helicopter Technologies)
MARKHAM STOUFFVILLE ON	Toronto/Markham Stouffville
MARSHALL MCLEOD FIELD SK	Moosomin/Marshall McLeod Field
McELROY RANCH AB	Blackie/McElroy Ranch
MIRABEL HÉLICO QC	Montréal/Mirabel Hélico
MISERICORDIA (COMMUNITY HOSP) AB	Edmonton/Misericordia (Community Hosp)
MUSTANG HELICOPTERS QC	Sept-Îles/Mustang Helicopters
NAKODA AB	Canmore/Nakoda
NAMAO AB	Edmonton/Namao
NEW WESTMINSTER (ROYAL COLUMBIAN HOSP) BC	Vancouver/New Westminster (Royal Columbian Hosp)
NORTHERN LIGHTS REGIONAL HEALTH CENTRE AB	Fort McMurray/Northern Lights Regional Health Centre
OKOTOKS (GG RANCH) AB	Calgary/Okotoks (GG Ranch)
OLIGNY QC	Saguenay/Oligny
OWLS LANDING BC	Sicamous/Owls Landing
PASSPORT HÉLICO QC	Montréal/Passport Hélico
POINT ZERO QC	Montréal/Point Zero
POTVIN HELI-BASE QC	Dolbeau-Mistassini/Potvin Heli-Base
ROSTREVOR ON	Windermere/Rostrevor
ST. ALBERT (DELTA HELICOPTERS) AB	Edmonton/St. Albert (Delta Helicopters)
ST-HUBERT HELI-INTER QC	Montréal/St-Hubert Heli-Inter
ST-JOVITE HÉLI-TREMBLANT QC	Mont-Tremblant/St-Jovite Héli-Tremblant
ST. MARY'S HOSP AB	Camrose/St. Mary's Hosp
SAFRON RESIDENCE AB	Hespero/Safron Residence
SALISBURY NB	Moncton/Salisbury
SCHEINBERG ON	Lake Joseph/Scheinberg
SEAL COVE (COAST GUARD) BC	Prince Rupert/Seal Cove (Coast Guard)
SEAL COVE (PUBLIC) BC	Prince Rupert/Seal Cove (Public)
SHEARWATER NS	Halifax/Shearwater
SIGNATURE STABLES ON	Gananoque/Signature Stables
SLAVE LAKE HELICOPTERS AB	Slave Lake/Slave Lake Helicopters
SLOCAN COMMUNITY (HEALTH CENTRE)	New Denver/Slocan Community (Health Centre)
SNOKIST NB	Woodstock/Snokist
SOUTH HEALTH CAMPUS (HOSP) AB	Calgary/South Health Campus (Hosp)
SPROAT LAKE TANKER BASE BC	Port Alberni/Sproat Lake Tanker Base
STURGEON COMMUNITY HOSPITAL AB	Edmonton/Sturgeon Community Hospital
TARTEN ON	Toronto/Tarten
UNIV OF ALBERTA (STOLLERY CHILDREN'S HOSP MAHI) AB	Edmonton/Univ of Alberta (Stollery Children's Hosp Mahi)
W. PIDHIRNEY RESIDENCE AB	Leslieville/W. Pidhirney Residence
WATERDOWN ON	Hamilton/Waterdown
WILSON'S ON	Toronto/Wilson's

LIST OF ABANDONED AERODROMES/HELIPORTS

Abandoned aerodromes are listed until such a time as all reference to the aerodrome has been removed from the VFR charts. If the aerodrome was a heliport, the abbreviation (Heli) follows the aerodrome name.

In some instances a land aerodrome, although abandoned, remains highly recognizable from the air and, as such, becomes an excellent land mark. Under these circumstances, abandoned aerodromes of this nature can remain on the aeronautical charts for some time and, therefore, they continue to appear in the abandoned aerodrome list. Such aerodromes are shown on VFR charts as “abandoned”.

Land aerodromes which are in operation and are highly recognizable from the air for a significant part of the year, but for which no information is able to be published in the Aerodrome/Facility Directory, do not appear in the abandoned aerodrome list. Such aerodromes are, however, shown on VFR charts as “status unknown”.

AGNES LAKE AB (N55 49 W112 31)
AISHIHIK YT (N61 39 W137 29)
ALBERT BAY NU (N69 38 W103 37)
ANAMA BAY-DAUPHIN RIVER MB (N51 58 W98 08)
ANDERSON POINT NU (N68 13 W87 55)
ANGLEMONT BC (N50 58 W119 10)
ARMSTRONG ON (Heli) (N50 18 W89 02)
ARNES MB (N50 50 W96 57)
ARNSTEIN ON (N45 56 W79 56)
ARTHUR (METZ FIELD) ON (N43 49 W80 26)
ASBESTOS QC (N45 48 W71 59)
ATKINSON POINT NT (N69 56 W131 25)

BAIE-COMEAU/HÉLI-MANICOUAGAN QC (Heli) (N49 12 W68 17)
BARKERVILLE BC (N53 05 W121 31)
BASKATONG LAKE QC (N46 47 W75 53)
BATNUNI BC (N53 23 W124 08)
BAY D'ESPOIR NL (N47 58 W55 51)
BEAR RIVER YT (N64 49 W134 16)
BEAULIEU RIVER NT (N62 27 W113 02)
BEAVER RIVER BC (N59 58 W124 12)
BENNETT FIELD NT (N65 02 W124 40)
BIG CREEK BC (N51 43 W123 01)
BIRD MB (N56 30 W94 13)
BISSETT/WALLACE LAKE MB (N51 02 W95 25)
BLISSVILLE NB (N45 37 W66 33)
BLOW RIVER YT (N68 47 W137 27)
BONAVISTA NL (N48 34 W53 03)
BORDEN ON (N44 16 W79 55)
BRAZEAU AB (N52 58 W115 52)
BRISTOL FIELD NL (N47 19 W53 59)
BUCHANS NL (N48 51 W56 50)
BUDWORM CITY NB (N47 32 W66 38)
BUFFALO CREEK AB (N56 37 W113 04)
BURGEO (CALDER HEALTH CARE CORP) NL (Heli) (N47 37 W057 37)
BUTTRESS SK (N50 15 W105 33)
BYRON BAY NU (N68 45 W109 04)

CABIN BC (N59 16 W121 37)
CABIN CREEK AB (N53 45 W118 20)
CADOTTE AB (N56 27 W116 21)
CAMPBELLFORD ON (N44 24 W77 46)
CAMSELL RIVER (TERRA MINING) NT (N65 37 W118 09)
CANIAPISCAU QC (N54 50 W69 54)
CANTON ON (N44 00 W78 22)
CAPE CHRISTIAN NU (N70 31 W68 18)
CAPE DYER NU (N66 36 W61 34)
CAPE HOOPER NU (N68 28 W66 50)

LIST OF ABANDONED AERODROMES/HELIPORTS (Cont'd)

CAPE JONES QC (N54 38 W79 42)
CAPE PARRY NT (N70 10 W124 41)
CAPE YOUNG NU (N68 56 W116 56)
CASINO YT (N62 45 W138 47)
CHATER MB (N49 55 W99 48)
CHINCHAGA AB (N57 32 W119 08)
CHUNAMON BC (N56 14 W124 23)
CHURCHILL FALLS NL (N53 38 W64 29)
CLIFTON POINT NU (N69 13 W118 38)
CLINTON/BLEIBLER RANCH BC (N51 16 W121 41)
CLINTON CREEK YT (N64 28 W140 44)
CLINTON POINT NU (N69 35 W120 45)
CLUFF LAKE SK (N58 23 W109 31)
COLOMAC NT (N64 23 W115 07)
CORMORANT LAKE MB (N54 14 W100 36)
COVEY HILL QC (N45 01 W73 41)
CREE LAKE SK (N57 22 W107 08)
CROOKED LAKE NU (N72 40 W98 30)
CULLATON LAKE NU (N61 19 W98 30)
CUT KNIFE SK (N52 44 W109 01)

DAFOE SK (N51 56 W104 34)
DAVIN LAKE SK (N56 53 W103 35)
DAVIS INLET NL (N55 54 W60 54)
DECEPTION QC (N62 07 W74 33)
DÉLINE NT (OLD SITE) (N65 12 W123 26)
DEWAR LAKES NU (68 38 W71 08)
DISCOVERY NT (N63 11 W113 54)
DOIG AB (N56 57 W119 31)
DORE LAKE SK (N54 37 W107 23)
DORIS LAKE NU (N68 08 W106 35)
DRAKE POINT NU (N76 28 W108 44)
DRAKE POINT NU (N76 24 W108 32)
DURHAM (MULOCK) ON (N44 14 W80 55)

EAGLE RIVER ON (N49 45 W93 08)
EAGLESHAM AB (N55 48 W117 53)
EAR FALLS ON (N50 43 W93 23)
EAST TEMPLETON QC (N45 30 W75 33)
EDDONTENAJON/ISKUT VILLAGE BC (N57 51 W129 59)
ELMIRA (EAST) ON (N43 36 W80 31)
EMBARRAS AB (N58 12 W111 23)
EMPRESS NORTH 6 (PLAINS MIDSTREAM CANADA) AB (N50 41 W110 03)
ESTEVAN/BRYANT SK (N49 25 W103 09)
ESTEVAN (SOUTH) SK (N49 02 W102 59)
ESKER LAKE QC (N61 39 W74 40)

FERGUS (ROYLAND FIELD) ON (N43 45 W80 23)
FINBOW BC (N57 16 W125 27)
FORESTBURG AB (N52 34 W112 05)
FORT GEORGE QC (N53 49 W79 00)
FORT McMURRAY/MILDRED LAKE AB (N57 03 W111 34)
FORT NELSON/MOBIL SIERRA BC (N58 50 W121 24)

GAGNON QC (N51 57 W68 08)
GOLD RIVER BC (N49 49 W126 04)
GRAND RIVER PE (N46 29 W63 57)
GRANDE CACHE AB (N53 55 W118 52)
GRANDE PRAIRIE (QUEEN ELIZABETH II HOSP) AB (Heli) (N55 11 W118 47)
GRANT POINT NU (N68 24 W98 39)
GUN LAKE BC (N50 54 W122 51)

LIST OF ABANDONED AERODROMES/HELIPORTS (Cont'd)

HAGUE/GULIKER FIELD SK (N52 31 W106 22)
HALIFAX (WINDSOR PARK) NS (Heli) (N44 39 W63 37)
HAMBURG AB (N57 21 W119 46)
HARTNEY MB (N49 27 W100 31)
HARTNEY MB (N49 27 W100 33)
HART RIVER YT (N64 40 W136 50)
HENIK LAKE NU (N61 39 W97 22)
HIDDEN BAY SK (N58 08 W103 47)
HORNES GULCH NB (N47 50 W67 54)
HORTON RIVER NT (N70 01 W126 57)
HOTCHKISS AB (N57 19 W118 55)
HUNTSVILLE/DEERHURST RESORT ON (N45 21 W79 09)

INDIAN RIVER ON (N44 24 W78 08)
INUVIK TOWNSITE NT (N68 22 W133 45)
ISACHSEN NU (N78 47 W103 33)

JELLICOE ON (N49 40 W87 35)
JOHNSON POINT NT (N72 46 W118 30)

KAHNTAH BC (N58 03 W120 55)
KAPUSKASING (SENSENBRENNER HOSP) ON (N49 26 W82 26)
KAYBOB SOUTH AB (N54 07 W116 37)
KEGASKA QC (N50 12 W61 16)
KEG RIVER AB (N57 44 W117 37)
KEITH BAY NU (N68 15 W88 09)
KETZA RIVER YT (N61 51 W132 18)
KILLALOE/BONNECHERE ON (N45 40 W77 36)
KING CHRISTIAN NU (N77 46 W101 02)
KITCHENER-WATERLOO (GRAND RIVER HOSP) ON (Heli) (N43 27 W80 30)
KOMAKUK BEACH YT (N69 36 W140 10)

LAC À LA PERCHAUDE QC (N46 37 W72 51)
LAC-DES-LOUPS QC (N46 59 W76 29)
LADY FRANKLIN POINT NU (N68 29 W113 13)
LA GRANDE QC (N53 35 W77 41)
LAMBERT CREEK TOWER AB (N58 02 W114 08)
LANGLEY (RUSSELL FARM) BC (Heli) CRF2 (N49 01 W122 40)
LA SARRE QC (Heli) (N48 48 W79 15)
L'ASSOMPTION QC (N45 49 W73 27)
LEWVAN (FARR AIR) SK (N49 59 W104 07)
LIARD CONSTRUCTION YT (N65 05 W138 22)
LIEGE/CNRL AB (N57 00 W113 12)
LISTOWEL ON (N43 45 W80 59)
LITTLE SALMON YT (N62 11 W134 53)
LIVINGSTONE YT (N61 22 W134 22)
LONGSTAFF BLUFF NU (N68 56 W75 17)
LOUGHEED ISLAND NU (N77 27 W105 05)
LUCKNOW AIRPARK ON (N43 58 W81 30)
LUMSDEN AIR PARK ON (N45 25 W80 05)
LUPIN NU (N65 46 W111 15)
LYTTON BC (N50 15 W121 34)

MADAWASKA COLLINS FIELD ON (N45 30 W77 59)
MAGUNDY YT (N62 10 W133 59)
MALLARD YT (N65 49 W140 15)
MALLOCH DOME NU (N78 13 W101 03)
MARGAREE NS (N46 20 W60 59)
MARTEN HILLS AB (N55 25 W113 36
MATHESON ISLAND MB (N51 44 W96 56)

LIST OF ABANDONED AERODROMES/HELIPORTS (Cont'd)

MATHESON POINT NU (N68 49 W95 17)
MATOUSH QC (N51 54 W72 07)
MICA CREEK BC (N51 50 W118 38)
MIDWAY NT (N67 14 W135 18)
MILE 36 QC (N50 35 W66 02)
MILE 80 QC (N51 10 W65 43)
MILE 102 DEMPSTER HWY YT (N65 07 W138 20)
MILE 129 MACKENZIE HWY NT (N62 30 W116 29)
MILE 134 QC (N51 52 W65 43)
MILE 203 DEMPSTER HIGHWAY YT (N66 07 W137 15)
MONTRÉAL/MARINA VENISE QC (N45 38 W73 47)
MOOSE LAKE MB (N53 42 W100 21)
MOSSBANK SK (N49 55 W105 52)
MOULD BAY NT (N76 14 W119 19)
MOUNTAIN RIVER NT (N65 41 W128 49)
MOUNT FLETT NT (N60 40 W123 36)
MOUNT NANSEN YT (N62 01 W137 04)
MOUNT PLEASANT PE (N46 36 W64 00)
MURDOCHVILLE QC (N48 57 W65 22)
MUSKEGSAGAGEN LAKE ON (N51 23 W91 10)

NAMEW LAKE SK (N54 12 W102 03)
NANISIVIK NU (N72 59 W84 37)
NICHOLSON PENINSULA NT (N69 57 W128 53)
NIPISI AB (N55 52 W115 10)
NORTH BATTLEFORD/HAMLIN SK (N52 53 W108 17)
NORTH MONETVILLE SKYPARK ON (N46 12 W80 19)
NORWOOD ON (N44 22 W78 00)
NOTIKEWIN AB (N56 51 W118 37)

OPINACA QC (N52 13 W76 37)
ORISKANY QC (N47 29 W73 39)
ORTON/SMITH FIELD ON (N43 47 W80 14)
OTTER LAKE SK (N55 35 W104 47)

PANNY AB (N57 12 W114 40)
PALMERSTON ON (N43 51 W80 47)
PARADISE HILL SK (N53 32 W109 26)
PARADISE RIVER NL (N53 25 W57 14)
PARRSBORO NS (N45 25 W64 20)
PAULSON MB (N51 08 W99 52)
PEACE RIVER/THREE CREEKS AB (N56 25 W116 53)
PEARCE AB (N49 51 W113 15)
PEARCE POINT NT (N69 48 W122 40)
PEGGO DEVON CANADA BC (N59 19 W120 16)
PELLY LAKE NU (N66 04 W101 05)
PETROLIA ON (N42 53 W82 07)
PINEIMUTA MUNI MB (N51 40 W98 44)
POLARIS (LITTLE CORNWALLIS ISLAND) NU (N75 23 W96 56)
PONTIAC AIRPARK QC (N45 32 W76 10)
PORCUPINE YT (N66 19 W140 08)
PORT ALBERT ON (N43 53 W81 42)
PORT-CARTIER QC (N50 03 W66 53)
PORT COLBORNE (GEN HOSP) ON (Heli) (N42 53 W79 16)
PORT RADIUM NT (N66 06 W117 56)
PROPHET RIVER BC (N57 58 W122 47)
PROSPECT LAKE ON (N50 35 W94 16)
PURTUNIQ QC (N61 49 W73 57)

QUÉBEC/HÔPITAL DE L'ENFANT-JÉSUS QC (Héli) (N46 50 W71 13)

LIST OF ABANDONED AERODROMES/HELIPORTS (Cont'd)

RADISSON SK (N52 28 W107 23)
RAM FALLS AB (N52 05 W115 51)
REA POINT NU (N75 22 W105 43)
RENOUS NB (N46 57 W66 34)
RÉSERVOIR GOUIN (POURVOIRIE OASIS) QC (N48 28 W74 40)
RICHARDSON AB (N57 53 W111 01)
RICHELIEU/MESSIER QC (N45 23 W73 14)
RIVERS MB (N50 01 W100 19)
RIVERS INLET BC (N51 41 W127 15)
RIVIÈRE OUELLE QC (N47 27 W69 59)
RIVIÈRE TÉMISCAMIE (AIR ROBERVAL LTÉE) QC (N51 01 W72 59)
ROCANVILLE SK (N50 28 W101 33)
ROSS POINT NU (N68 36 W111 08)
ROUND HILL AB (N55 18 W111 59)
ROWLEY NU (N69 04 W79 05)
RUSSELL LAKE NT (N62 51 W116 00)

ST. ALDWYN SK (N50 23 W107 46)
ST. FRANCIS AB (N53 16 W114 27)
ST-QUENTIN NB (N47 31 W67 25)
ST-SIMON-DE-BAGOT QC (N45 41 W72 50)
STE-AGNÈS-DE-DUNDEE QC (N45 03 W74 21)
STE-CROIX QC (N46 38 W71 48)
STE-JULIENNE QC (N45 56 W73 43)
STE-LUCIE-DE-BEAUREGARD QC (N46 44 W70 02)
SAGLEK NL (N58 28 W62 39)
SARCPA LAKE NU (N68 33 W83 20)
SAULTEAUX AB (N54 55 W114 47)
SAWMILL BAY NT (N65 44 W118 55)
SENNETERRE QC (N48 20 W77 11)
SHELL 13 AB (N57 16 W111 29)
SHEPHERD BAY NU (N68 48 W93 25)
SHERARD BAY NU (N76 05 W108 30)
SHILO MB (Heli) (N49 48 W99 38)
SHINGLE POINT YT (N68 56 W137 14)
SIMPSON LAKE NU (N68 35 W91 57)
SIOUX LOOKOUT ON (Heli) (N50 04 W91 55)
SIOUX NARROWS ON (N49 23 W94 00)
SNAG YT (N62 22 W140 24)
SOREL-TRACY/AIR NATURE INC QC (Heli) (N46 02 W73 07)
SQUANGA LAKE YT (N60 29 W133 27)
SQUAW RAPIDS SK (N53 41 W103 21)
ST. JOSEPH ISLAND ON (N46 17 W83 57)
STANHOPE QC (N45 01 W71 47)
STAVE LAKE BC (N49 28 W122 14)
STEEN RIVER AB (N59 38 W117 10)
STEWART LAKE NT (N64 20 W125 23)
STOKES POINT YT (N69 20 W138 45)
STONEY POINT (TREPANIER) ON (N42 17 W82 36)
STRAFFORDVILLE ON (N42 44 W80 49)
STURDEE SK (N51 12 W102 22)
STURGEON LANDING SK (N54 17 W101 49)
STURT POINT NU (N68 48 W103 20)

TABU NB (N47 20 W65 26)
TALBOT LAKE AB (N57 20 W115 36)
TATLA LAKE BC (N51 55 W124 36)
TERRACE BAY ON (N48 49 W87 06)
THESSALON MUNI ON (N46 19 W83 32)
THOR LAKE NT (N62 06 W112 38)
THUNDER LAKE AB (N52 50 W116 43)

LIST OF ABANDONED AERODROMES/HELIPORTS (Cont'd)

THUNDER RIVER NT (N67 28 W130 51)
TINTINA (CONWEST) YT (N61 05 W131 13)
TIPELLA BC (N49 45 W122 10)
TORONTO/BUTTONVILLE MUNICIPAL ON (N43 52 W79 22)
TORONTO/CARDINAL COURIERS ON (Heli) (N43 38 W79 40)
TORONTO/DOWNSVIEW ON (N43 44 W79 28)
TRINITY BAY QC (N49 24 W67 19)
TROUT BROOK NB (N46 28 W65 28)
TROUT MOUNTAIN AB (N56 48 W114 25)
TUKTOYAKTUK (IMPERIAL) NT (N69 26 W132 57)
TUNUNUK NT (N69 00 W134 40)

UTIKUMA RIVER AB (N56 03 W115 19)

VALEMOUNT BC (N52 52 W119 18) (Old aerodrome)
VALLEYFIELD (TRANSPORT BRS INC) QC (Heli) (N45 16 W74 09)
VANCOUVER/DELTA (NORTH) BC (Heli) (N49 07 W123 03)
VIKING HEALTH CENTRE AB (Heli) (N53 06 W111 46)
VIRDEN (WEST) MB (N49 53 W101 04)

WACO/MILE 100 QC (N51 23 W65 38)
WADLIN TOWER AB (N57 46 W115 27)
WARREN/WOODLANDS MB (N50 10 W97 35)
WASHAGO ON (N44 44 W79 22)
WATERVILLE/KINGS CO MUNI NS (N45 03 W64 39)
WAWOTA SK (N49 54 W102 02)
WEBBWOOD ON (N46 19 W81 53)
WERENKO ON (N48 48 W93 04)
WEST BAFFIN ISLAND NU (N68 37 W73 15)
WHITE CITY (RADOMSKY) SK (N50 26 W104 18)
WILDHAY AB (N53 52 W117 33)
WILLIAMS HARBOUR NL (N52 34 W55 47)
WINCHESTER ON (N45 03 W75 18)
WINISK ON (N55 13 W85 07)
WOLF LAKE AB (N53 13 W116 05)
WORSLEY AB (N56 31 W119 05)
WYEVALE (BOKER FIELD) ON (N44 39 W79 52)

YARBO SK (N50 43 W101 56)

ZAMA LAKE AB (N59 04 W118 53)

FUEL AND OIL WEIGHTS

Fuel and lubricating oil product specifications indicate a density range for each product. The density values shown below are based on maximum density limit for each product. The actual fuel weight for specific conditions can and should be obtained from the dealer supplying the fuel. Consult the certified batch analysis (CBA).

LBS PER LITRE/ **IMP GAL**/U.S. GAL

Fuel \ Temp	– 40°C	– 20°C	0°C	15°C	30°C
Aviation Kerosene CAN/CGSB-3.23 (JET A, JET A-1)	1.93 **8.80** 7.32	1.90 **8.65** 7.19	1.87 **8.50** 7.09	1.85 **8.39** 7.00	1.83 **8.27** 6.91
Aviation Wide Cut Fuel CAN/CGSB-3.22 (JET B)	1.85 **8.38** 6.99	1.82 **8.24** 6.88	1.79 **8.11** 6.78	1.77 **8.01** 6.68	1.74 **7.92** 6.60
Aviation Gasoline (AvGAS) CAN/CGSB-3.25 Grades 80, 100LL	1.69 **7.68** 6.41	1.65 **7.50** 6.26	1.62 **7.33** 6.12	1.59 **7.20** 6.01	1.56 **7.07** 5.90

Lubricating oil \ Temp	– 10°C	0°C	10°C	20°C	30°C
Piston Engine 65 Grade	1.98 **8.98** 7.46	1.97 **8.92** 7.46	1.95 **8.85** 7.38	1.94 **8.78** 7.33	1.92 **8.71** 7.28
120 Grade	2.01 **9.10** + 7.59	1.99 **9.03** 7.54	1.97 **8.96** 7.46	1.96 **8.88** 7.41	1.94 **8.82** 7.35

Turbine engine lubricating oil densities at 15°C
3cS oils 2.09 lbs/litre; 9.4 lbs/imp gal; 7.92 lbs/U.S. gal.
5cS oils 2.15 lbs/litre; 10.1 lbs/imp gal; 8.14 lbs/U.S. gal.

CONVERSION TABLES

MILLIBARS TO INCHES OF MERCURY

mb	0	1	2	3	4	5	6	7	8	9
	INCHES									
940	27.76	27.79	27.82	27.85	27.88	27.91	27.94	27.96	27.99	28.02
950	28.05	28.08	28.11	28.14	28.17	28.20	28.23	28.26	28.29	28.32
960	28.35	28.38	28.41	28.44	28.47	28.50	28.53	28.56	28.58	28.61
970	28.64	28.67	28.70	28.73	28.76	28.79	28.82	28.85	28.88	28.91
980	28.94	28.97	29.00	29.03	29.06	29.09	29.12	29.15	29.18	29.20
990	29.23	29.26	29.29	29.32	29.35	29.38	29.41	29.44	29.47	29.50
1000	29.53	29.56	29.59	29.62	29.65	29.68	29.71	29.74	29.77	29.80
1010	29.83	29.85	29.88	29.91	29.94	29.97	30.00	30.03	30.06	30.09
1020	30.12	30.15	30.18	30.21	30.24	30.27	30.30	30.33	30.36	30.39
1030	30.42	30.45	30.47	30.50	30.53	30.56	30.59	30.62	30.65	30.68
1040	30.71	30.74	30.77	30.80	30.83	30.86	30.89	30.92	30.95	30.98
1050	31.01	31.04	31.07	31.09	31.12	31.15	31.18	31.21	31.24	31.27

CONVERSION FACTORS

TO CONVERT	INTO	MULTIPLY BY	TO CONVERT	INTO	MULTIPLY BY
Centimetres	Inches	0.394	Lbs/Imp Gal	Kg/Litre	0.0998
Feet	Metres	0.3048	Lbs/U.S. Gal	Kg/Litre	0.120
U.S. Gal	Litres	3.785	Lbs sq. in.	Inches Hg.	2.040
Imp Gal	U.S. Gal	1.201	Litres	U.S. Gal	0.264
Imp Gal	Litres	4.546	Litres	Imp Gal	0.220
Inches	Centimetres	2.540	Metres	Feet	3.281
Inches Hg.	Lbs sq. in.	0.490	N. Miles	Kilometres	1.852
Kg/Litre	Lbs/Imp Gal	10.023	N. Miles	St. Miles	1.151
Kg/Litre	Lbs/U.S. Gal	8.333	Pounds	Kilograms	0.454
Kilograms	Pounds	2.205	St. Miles	Kilometres	1.609
Kilometres	St. Miles	0.621	St. Miles	N. Miles	0.868
Kilometres	N. Miles	0.540	U.S. Gal	Imp Gal	0.833

TEMPERATURE: DEGREES C TO DEGREES F

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-45	-49.0	-33	-27.4	-21	-5.8	-9	15.8	3	37.4	15	59.0	27	80.6	39	102.2
-44	-47.2	-32	-25.6	-20	-4.0	-8	17.6	4	39.2	16	60.8	28	82.4	40	104.0
-43	-45.4	-31	-23.8	-19	-2.2	-7	19.4	5	41.0	17	62.6	29	84.2	41	105.8
-42	-43.6	-30	-22.0	-18	-0.4	-6	21.2	6	42.8	18	64.4	30	86.0	42	107.6
-41	-41.8	-29	-20.2	-17	1.4	-5	23.0	7	44.6	19	66.2	31	87.8	43	109.4
-40	-40.0	-28	-18.4	-16	3.2	-4	24.8	8	46.4	20	68.0	32	89.6	44	111.2
-39	-38.2	-27	-16.6	-15	5.0	-3	26.6	9	48.2	21	69.8	33	91.4	45	113.0
-38	-36.4	-26	-14.8	-14	6.8	-2	28.4	10	50.0	22	71.6	34	93.2	46	114.8
-37	-34.6	-25	-13.0	-13	8.6	-1	30.2	11	51.8	23	73.4	35	95.0	47	116.6
-36	-32.8	-24	-11.2	-12	10.4	0	32.0	12	53.6	24	75.2	36	96.8	48	118.4
-35	-31.0	-23	-9.4	-11	12.2	1	33.8	13	55.4	25	77.0	37	98.6	49	120.2
-34	-29.2	-22	-7.6	-10	14.0	2	35.6	14	57.2	26	78.8	38	100.4	50	122.0

TIME CHECKS – HF FREQUENCIES

CANADIAN TIME SIGNALS – Station CHU, Ottawa, Ontario, operates continuously on the following frequencies: 3330 kHz, 7850 kHz and 14670 kHz. The bilingual voice announcement which is heard each minute takes the form: "CHU CANADA – COORDINATED UNIVERSAL TIME-TEMPS UNIVERSEL COORDONNÉ – HOURS – MINUTES – HEURES – MINUTES" (English on even minutes, French on odd) and on the hour: "CHU CANADA – COORDINATED UNIVERSAL TIME - TEMPS UNIVERSEL COORDONNÉ – HOURS EXACTLY – HEURES PRÉCISES".

AMERICAN TIME SIGNALS – WWV and WWVH continuously broadcast nominal frequencies and time consistent with the internationally agreed upon time scale, Coordinated Universal Time (UTC), on the following frequencies: WWV - 2.5, 5, 10, 15 and 20 MHz, WWVH - 2.5, 5, 10 and 15 MHz. The voice announcement which is heard each minute takes the form: "At the tone - fourteen hours, thirty five minutes Coordinated Universal Time".

MORSE CODE AND PHONETIC ALPHABET

A	·–	Alfa	AL fah	N	–·	November	no VEM ber
B	–···	Bravo	BRAH VOH	O	–––	Oscar	OSS cah
C	–·–·	Charlie	CHAR lee or	P	·––·	Papa	pah PAH
			SHAR lee	Q	––·–	Quebec	keh BECK
D	–··	Delta	DELL tah	R	·–·	Romeo	ROW me oh
E	·	Echo	ECK oh	S	···	Sierra	see AIR rah
F	··–·	Foxtrot	FOKS trot	T	–	Tango	TANG go
G	––·	Golf	GOLF	U	··–	Uniform	YOU nee form or
H	····	Hotel	ho TÈLL				OO nee form
I	··	India	IN dee ah	V	···–	Victor	VIK tah
J	·–––	Juliett	JEW lee ETT	W	·––	Whiskey	WISS key
K	–·–	Kilo	KEY loh	X	–··–	Xray	ECKS RAY
L	·–··	Lima	LEE mah	Y	–·––	Yankee	YANG key
M	––	Mike	MIKE	Z	––··	Zulu	ZOO loo

0	–––––	ZE-RO	6	–····	SIX	Barred letters for	
1	·––––	WUN	7	––···	SEV-en	marine beacons	
2	··–––	TOO	8	–––··	AIT	a	·–·–
3	···––	TREE	9	––––·	NIN-er	e	··–··
4	····–	FOW-er	Decimal		DAY-SEE-MAL	o	––––·
5	·····	FIFE	Thousand		TOU-SAND	u	··––

NOTE: The syllables printed in capital letters in the above list are to be stressed; for example, the two syllables in ZE-RO, are given equal emphasis, whereas the first syllable of FOW-er is given emphasis.

GLOSSARY FOR VFR CHARTS

FRENCH	ENGLISH
Abandonné,ée	abandoned
Anse	Inlet
Aqueduc	Aqueduct
Attention traversée de câble	Caution cable span
Baie	Bay
Barrage	Dam
Bât. Bâtiment(s)	Bldg. Building(s)
Brasse	Fathom
Brise-lames	Breakwater
Cabine(s)	Cabin(s)
Cap	Cape
Carrière(s)	Quarry, Quarries
Carrière de gravier	Gravel pit
Centrale électrique	Power House
Centre commercial	Shopping centre
Cimetière	Cemetery
Ciné-parc	Drive-in-theatre
Champ de tir	Rifle range
Château d'eau	Water Tower
Chemin de fer	Railway
Cheminée	Chimney
Clignotant	Flashing
Cratère	Crater
Délimitation des arbres	Tree line
Dépôt	Depot
Détroit	Sound
Digue	Dyke
Écluses	Locks
École	School
Édifices du Parlement	Parliament Buildings
Église	Church
En construction	Under construction
Épave	Wreck
Est	East
Étang	Pond
Étang de sédementation	Settling pond
Fabrique	Factory
Haut-fond	Shoal
Havre	Harbour
Hôpital	Hospital
Île	Island
Îlot	Islet

GLOSSARY FOR VFR CHARTS (Cont'd)

FRENCH	ENGLISH
Lac	Lake
Lagune	Lagoon
Lagune pour égouts	Sewage lagoon
Ligne de haute tension	Power Transmission Line
Ligne de partage des eaux (Position approximative)	Crest of watershed (Positon approximate)
Limite des courbes intermédiaires de 200 pieds	Limits of 200 foot intermediate contours
Marais	Marsh
Marécage	Swamp
Montagne	Mountain
Nord	North
Ouest	West
Papeterie	Paper Mill
Péninsule	Peninsula
Phare	Lighthouse
Piste de courses	Race Track
Pointe	Point
Pont	Bridge
Poste de transformateurs	Transformer Station
Quai	Wharf
Rapides	Rapids
Récif	Reef
Réservoirs de pétrole	Oil tanks
Ruisseau	Creek, Stream
Sable	Sand
Sentier d'hiver	Winter trail
Sommet	Peak
Stade	Stadium
Submergé	Submerged
Sud	South
Terrain de golf	Golf Course
Terrain d'expérience pour véhicules	Vehicle Testing Ground
Toundra	Tundra
Tour	Tower
Tour de garde-feu	Fire Tower
Tour d'observation	Lookout tower
Traçé approximatif	Approximate alignment
Traversée de câble	Cable crossing
Traversier	Ferry
Usine de ciment	Cement plant

GENERAL CHART LEGEND

VFR Chart Symbols (VTA, VNC)

(Only those symbols which may be difficult to interpret are shown)

BOUNDARIES

International

Provincial, State, Territorial

National and Provincial Parks

Wildlife Refuge

Limit of the Territorial Sea

Outer Limit of Fishing Zone

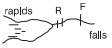
WATER FEATURES

Non-perennial Lake

or

Non-perennial stream or coastline

Waterfalls, Rapids



Dams

Locks

Rocks-bare or awash

Swamp or marsh

Land subject to inundation

String bog

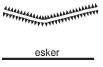
Rocky reef (ledge)

Reservoir (depicted in blue)

LAND FEATURES

Esker

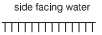
or



Moraine

or

Dykes



Sand (deposits, raised beaches)

Cliff or depression

GROUND TRANSPORTATION

Divided highway

Primary road

Secondary road

Trail or cut line

Single track railroad (with station)

Double track railroad (with yard)

Railway abandoned

RELIEF

Critical spot elevation (in feet)

Spot elevation (in feet)

Spot elevation (based on unreliable data)

Mountain pass

MISCELLANEOUS

Tunnel

Lookout tower

Building (unless otherwise labelled)

Chimney, silo, water tank etc. (label)

Wells other than water (label)

Mine

Racetrack

Pipeline (underground labelled)

Power transmission line

or

Aerial cableway, ski lift, conveyor belt or similar feature

EVEN Cruising altitude indicated by pointed end of box.

CAUTION BLASTING AREA
Do not overfly at less than 3000' AGL.

AERODROME SKETCH AND VFR TERMINAL PROCEDURES CHART (VTPC) LEGEND

All distances in nautical miles. Runway dimensions in feet. Elevations in feet above sea level. Bearings are magnetic except when labelled G for Grid or T for True. ALL AERODROME SKETCHES ARE ORIENTED ON TRUE NORTH. (If symbols not found, consult VFR chart symbols). Text or symbols will be depicted as white on black where they coincide with buildings or other areas depicted with solid black

AERODROME SURFACES

Turnaround bay

Hard surface runway

Under construction, closed or abandoned surface

Sand, gravel, turf, etc., runway

Ski, ultra-light, glider strip (activity labelled) — Ski strip

Displaced runway threshold

or

Taxiway, apron or holding bay

Taxiway designator — A

LIGHTS

Aerodrome beacon (rotating or strobe)

Hazard beacon

Obstruction light

Obstructions (heights ASL unless otherwise noted) — 3600 — lighted group

Landing direction indicator — lighted

Wind direction indicator — lighted

Lighting annotations: F-fixed, Fl-flashing, Occ-occulting, R-red, G-green, Bl-blue
Lights are white unless otherwise annotated

APPROACH LIGHTING

Refer to Section A Lighting

RADIO AIDS

NDB — TACAN

VOR — VORTAC

VOR/DME — Radio aid (labelled)

COMMUNICATIONS-CLASS "C" AIRSPACE

125 — Ceiling in hundreds of feet ASL
ADVSY — Calling agency
125.4 238.3 — Frequencies
30 — Floor in hundreds of feet ASL

AIRSPACE

Class "B" control zone

Class "C" or "D" control zone

Class "E" control zone

Floor Separation

Helicopter routes

Fixed wing VFR routes — or — direction

AIRSPACE (Cont'd)

Class "F" airspace
CYA - Advisory CYD - Danger CYR - Restricted

Advisory Area Activity Codes
(A) Acrobatic
(F) Aircraft Test Area
(H) Hang Gliding
(M) Military Operations
(P) Parachuting
(S) Soaring
(T) Training

CYA 125(A) to 5000

Altitudes are inclusive unless otherwise indicated
e.g. (above 5000' to 10,000')
(5000' to below 10,000')

MISCELLANEOUS

Unidirectional arrester cable

Bidirectional arrester cable

Arresting barrier

Cliff or depression

Transmission line

Cable span

Trees

Fence

Noise Sensitive Area

Built-up areas

Cemetery — C

Instrument Approach Waypoint

VFR checkpoint — NAME

NOTE: When cleared to orbit the aircraft should remain within 2NM of the Checkpoint. It is recommended that all turns be made to the left.

Heliport (Where FATO & TLOF are embedded or coincidental) — H

Hospital heliport (Where FATO & TLOF are embedded or coincidental)

FATO (Where TLOF is not coincidental) — F

Heliport parking pad

Soaring

Hang gliding

Ultra-light aircraft operations

Training

Parachuting

Land Aerodrome

Water Aerodrome

Aerodrome Status Unknown — U

Abandoned Aerodrome

VFR TERMINAL PROCEDURES CHART (VTPC)

The purpose of the VTPC is to give an overall perspective of Control Zones or any area around aerodromes as specified by the OCC. The VTPC will be published where important information cannot be adequately described by the sketch or text. It is not for the purpose of precise navigation, therefore, the applicable VFR aeronautical chart should be used for air navigation. The VTPC can be interpreted using the appropriate symbology legend in this section. For purposes of clarity, only the highest obstacle within each quadrant of the applicable area is shown on the VTPC.

AERODROME SKETCH

The aerodrome sketch, when provided, depicts the aerodrome and its immediate environs as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions.

Symbology used on sketches can be interpreted by using the chart legends found in this section. Trees, power lines, obstacles, etc., shown in the sketch in the vicinity of runways should be taken into consideration when assessing an aerodrome. Known obstacles 300 feet AGL or higher, not within the shadow of an adjacent higher obstacle, as well as those lower than 300 feet AGL that are considered significant to VFR flight conditions are shown on the sketch. A significant obstacle is any man-made fixed object which has vertical significance in relation to adjacent surrounding features and which is considered a potential hazard to the safe passage of aircraft. The Obstacle Clearance Circle (OCC) reflects the highest known obstacle and is fully explained in this section. It should be noted that the aerodrome sketch depicts a smaller area than does the OCC. When an aerodrome is preceded by a VFR Terminal Procedures Chart (VTPC), topography will not be depicted on the sketch.

Aerodromes which are certified (see General Section - **OPERATOR**) meet obstacle clearance criteria in the immediate approach and take-off areas of a runway. Registered aerodromes have not been assessed and should be viewed accordingly.

OBSTACLE CLEARANCE CIRCLE (OCC)

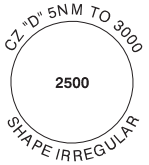
The obstacle clearance circle is a guide for pilots operating VFR within close proximity to aerodromes and should not be construed as providing minimum descent altitudes.

The single altitude associated with OCC, determined by adding 1000' to the highest obstruction (ASL) located within the same geographic area that the circle describes and rounded up to the next 100 foot increment, is shown. An obstacle may be a man-made structure or a topographic height feature.

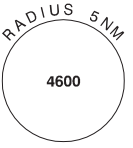
The Control Zone radius is indicated on the upper outer circumference of the circle along with the class of airspace (see Planning Section) that the Control Zone has been designated. The altitude ASL that the zone extends up to will also be shown. Should the zone depart from the standard cylindrical shape, the note "shape irregular" shall be indicated on the lower outer circumference.

The centre of the circle describes the centre of the aerodrome.

The obstacle clearance circle is not applicable to heliports.



ALL HEIGHTS ASL



AERODROMES AND FACILITIES LEGEND - ANNOTATIONS & CODES

CANADIAN AVIATION REGULATIONS (CAR)

With the promulgation of the CAR, some of the information in SECTIONS B, C, E and F of the Canada Flight Supplement has been incorporated by reference. Therefore, whenever there is a reference in the CAR to information that is "specified by the Minister in the Canada Flight Supplement", that information will form part of the regulation and will have the same effect in law.

The following information in SECTION B has been so specified by the Minister:

RUNWAY AND/OR HELI DATA (RWY DATA, HELI DATA):
Operating Restrictions that are specified by the Minister (CAR 602.96) in order to comply with the Airport Certificate issued for the aerodrome/heliport will be indicated, e.g.,

HELI DATA	Parking Pad 4: Ngt use - Rstd to prkg only (CAR 602.96)

COMMUNICATIONS (COMM):

The designation of an MF Area is indicated by the **MF** entry, e.g.,

COMM **MF**	radio 118.7 04-12Z‡ 5NM 3100 ASL (CAR 602.98)

Within MF Areas, MF Reporting Requirements (CAR 602.98) are mandatory.

PROCEDURES (PRO):

Mandatory right hand circuit procedures (CAR 602.96) are indicated, e.g.,

PRO	Rgt hand circuits rwys 22, 28 & 34 (CAR 602.96)

Operating Restrictions that are specified by the Minister (CAR 602.96) in order to comply with the Airport Certificate issued for the aerodrome/heliport will be indicated, e.g.,

PRO **HELI**	Rstd to arr/dep 250° fr heliport only (CAR 602.96)

Mandatory Noise Operating Criteria and/or Noise Restricted Runway (CAR 602.105 or 602.106) are indicated by the NOISE entry, e.g.,

PRO **NOISE**	Noise Operating Criteria (CAR 602.105) Noise Restricted Runway (CAR 602.106)

AERODROMES AND FACILITIES LEGEND - ANNOTATIONS & CODES (Cont'd)

LOCATION

The name of community aerodrome serves when geographic location is not reflected in the aerodrome name, or the name of Canadian Forces aerodrome.

Name of aerodrome when different from community name.

Province if within Canada. State if within U.S.A., Country if outside U.S.A. or Canada.

MONTRÉAL / ST-HUBERT QC **CYHU**

Location indicator

If the aerodrome is for helicopter use only, the word "Heli" will appear in parenthesis following the aerodrome name.

Province/Territory	Two Letter Code
Newfoundland & Labrador	NL
New Brunswick	NB
Nova Scotia	NS
Prince Edward Island	PE
Quebec	QC
Ontario	ON
Manitoba	MB
Saskatchewan	SK
Alberta	AB
British Columbia	BC
Yukon Territory	YT
Northwest Territories	NT
Nunavut	NU

REFERENCE (REF)

Aerodrome Reference Point

Location from community

MAG VAR 2003 unless otherwise indicated

Aeronautical charts on which the aerodrome and/or its Nav Aid are or will be depicted. NOTE: The "Air" in the AIR5000 series visual navigation charts is abbreviated to "A" e.g. AIR5001 will be shown as A5001.

REF N45 28 05 W73 44 30 2.25SW 25°E (2012)
GV10°W UTC-5(4) Elev 00´ A5003
LO1 LO9 T1 CAP RCAP OC

Grivation

Time Zone Factor

Location has an IFR procedure published in the Canada Air Pilot

Location has a Restricted Instrument Procedure published in the Restricted Canada Air Pilot (RCAP)

A/D Elevation (where relief data is unreliable, the term "aprx" will be added). Aerodrome elevation is the highest point on the usable landing surface, expressed in feet ASL. (00) elevation represents sea level.

Obstacle charts when available, Aerodrome Obstacle Charts ICAO Type A provide the data necessary to enable an operator to comply with the operating limitations of ICAO Annex 6 Chapter 5.

TIME ZONE FACTOR

Time zone factors are shown for each aerodrome under the **REF** sub-heading. The Coordinated Universal Time (UTC) zone factor will be given, expressed as a plus or minus value, followed by the Daylight Saving Time value in parenthesis, if applicable, e.g., UTC-6 or UTC-5(4).

Certain portions of Canada operate on "Standard Time" between 0200 hrs local time on the first Sunday in November to 0200 hrs local time on the second Sunday in March, and on "Daylight Saving Time" between 0200 hrs local time on the second Sunday in March to 0200 hrs local time on the first Sunday in November. There is a one hour difference between the two which is indicated by the additional time zone factor in parenthesis. In cases where aerodromes are located in a region where Standard Time or Daylight Saving Time is observed year round, the time zone factor will be indicated without the use of parenthesis.

Canada is divided into six time zones shown below together with their respective time zone factors:

(a)	Newfoundland	-3 ½	(2 ½)	(d)	Central	-6	(5)
(b)	Atlantic	-4	(3)	(e)	Mountain	-7	(6)
(c)	Eastern	-5	(4)	(f)	Pacific	-8	(7)

TIMES OF OPERATION

The Standard Time hours of operation of facilities and services are indicated in UTC, expressed as "Z" time. If applicable, the Daylight Saving Time (DT) hours of operation will be indicated by the symbol "‡" following the UTC hours of operation. The symbol "‡" indicates that during periods of Daylight Saving Time, the operating hours will be one hour earlier than shown, e.g., **ARFF |** 10-04Z‡ means that the DT hours will be 09-03Z.

If for some reason Daylight Saving Time hours of operation were to differ from Standard Time hours of operation, then the actual hours would be listed in parenthesis, e.g., **ARFF |** 10-04Z (DT 08-02Z). When no DT symbol "‡" is listed, or when no DT hours are quoted in parenthesis, it indicates that the facilities or services operate year round on Standard Time only.

To determine the hours of operation of facilities and services in local time subtract the appropriate time zone factor from the UTC times shown.

HOLIDAY

Where a service indicates an exception to hours of operation on holidays “exc hols”, or federal holidays “exc federal observed hols” use the following list to determine applicable days.

Note: If a holiday falls on a day when a service is normally closed, the service may be affected on the working day prior to or after the holiday.

	Date	Holiday	Federal Holiday
New Year	Jan 1	X	X
Good Friday	2 days before Easter Sunday	X	X
Easter Monday	Day after Easter Sunday	X	
Victoria Day	Monday prior to May 25	X	X
Saint-Jean-Baptiste Day (Quebec only)	Jun 24	X	
Canada Day	Jul 1	X	X
Civic Holiday (excluding Quebec)	First Monday of Aug	X	
Labour Day	First Monday of Sept	X	X
National Day of Truth and Reconciliation	Sept 30	X	X
Thanksgiving Day	Second Monday of Oct	X	X
Remembrance Day	Nov 11	X	X
Christmas Day	Dec 25	X	X
Boxing Day	Dec 26	X	X

Example:

TORONTO / OSHAWA EXECUTIVE AIRPORT ON UTC-5 (4)

COMM **TWR**	120.1 (V) 1130-0330Z‡

During Standard Time period: 1130-0330Z -5 = 0630-2230 local time.

During Daylight Saving Time period, "‡" means (DT 1030-0230Z),

i.e., one hour earlier than shown: 1030-0230Z -4 = 0630-2230 local time.

OPERATOR (OPR)

Aerodrome operator *lodger unit*

OPR	TC (DND) 123-456-7890 H24 Cert Ldg fees NVIS OPS AUTH PPR A/D clsd Dec 25 & Jan 1

AERODROME STATUS

Certified (Cert)

An aerodrome for which an airport or heliport certificate is issued, requiring the operator to maintain and operate the site in accordance with applicable Transport Canada standards. Regular inspections are conducted by Transport Canada to confirm compliance. Certified heliports that have met additional global exemption conditions included in their certificate may be published as NVIS OPS AUTH and may be utilized by NVIS authorized helicopters operators. Air operators providing a scheduled passenger service can determine the airport hours of operation (attended hours) which are specified prior to the *Cert* statement.

Registered (Reg)

An aerodrome listed in the Supplement which is not certified as an airport. Registered aerodromes are not subject to an ongoing inspection program. Pilots intending to use these aerodromes should obtain current information from the owner/operator.

Military (Mil)

An aerodrome that is owned and operated by DND and is not certified or inspected by Transport Canada. All military aerodromes require prior permission (PPR) for civilian aircraft. The utilization of any DND aerodrome/heliport, including those listed as abandoned, as well as, DND facilities for the purpose of storing petroleum products (POL), is strictly prohibited without written approval of DND.

Request for utilization of any DND aerodrome/heliport, or, storing POL on DND facilities is to be addressed to:

National Defence Headquarters

Directorate Aerospace Equipment Program Management

Radar and Communication System

101 Colonel By Drive

Ottawa ON

K1A 0K2

NOTES:

Prior Permission Required (PPR)

Where the acronym "PPR" is shown, the aerodrome owner's or operator's permission is required prior to use, except in cases of emergency.

Prior Notice Required (PN)

Where the acronym "PN" is shown, the aerodrome owner or operator is to be notified prior to use in order that current information on the aerodrome may be provided.

Landing Fees

Where "Ldg fees" is listed, the aerodrome operator charges a fee to all users for using the aerodrome. The exact fee can be established by contacting the operator.

Closures

Scheduled times or seasons for which an aerodrome/heliport is closed will be published at the end of the OPR section.

PUBLIC FACILITIES (PF)

PF	A-1,2,3,4 Avbl 12-23Z B-5

The following codes indicate the availability of public facilities, they may be used singly or in groups, however, the numerals shall always follow the letters.

A These facilities are available in the terminal building (when taxi is shown after this letter it indicates a direct line is available in the terminal building or a taxi stand exists).

B These facilities are on the aerodrome.

C These facilities exist within 5 nm of aerodrome.

D These facilities exist within 30nm of aerodrome.

1 Telephone.

2 Food.

3 Taxi.

4 Medical facilities (minimum available is that provided by a Registered nurse).

5 Hotel(s).

6 Car rental.

7 Public Wi-Fi.

8 Public Internet Access.

CUSTOMS (CUST)

CUST	AOE/24 888-226-7277 excess of 15 pax PN 14-21Z Mon-Fri

CUSTOMS DESIGNATORS

AOE refers to Airport of Entry, and designates all aerodromes where customs and immigration services are available from the Canada Border Services Agency (CBSA).

Aerodromes with capacity limitations are indicated by a number preceded by a forward slash, e.g., AOE/44. Where an aerodrome is indicated to be limited to a capacity of 15, it refers to an authorized CBSA Airport of Entry and exit for general aviation air traffic only, e.g., privately operated or small charter aircraft carrying no more than 15 passengers and crew and their baggage.

AOE/CAN Airport of entry designated for CANPASS private and corporate permit holders only that are from Canada or the USA.

Some airport authorities have entered into cost recovery agreements with the CBSA in order to provide service in certain circumstances, including service during the hours posted in this directory. Please consult airport authorities for more information about how cost recovery may apply to your particular situation.

CBSA (CUSTOMS AND IMMIGRATION) PROCEDURES

(a) Pilots must land at a CBSA authorized Airport of Entry (AOE) and a flight plan must be filed for all trans-border flights with NAV CANADA (CAR 602.73).

(b) Aerodromes which are designated as an AOE with CBSA services available are indicated in the Aerodrome/Facility Directory. "ADCUS" notifications on flight plans will no longer be accepted and pilots of general aviation aircraft are required to make their own arrangements for CBSA clearance by calling 1-888-226-7277 at least 2 hours but not more than 48 hours before flying into Canada. See AIP GEN 1.2.

Pilots are also cautioned that for flight arrivals outside of the established hours, CBSA service may not always be available and, if service is made available, call-out charges may be levied.

CBSA (CUSTOMS AND IMMIGRATION) PROCEDURES (Cont'd)

(c) **Telephone Reporting Centre program:** Travellers on a Canadian or U.S. registered private, company-owned, or small non-scheduled charter aircraft carrying no more than 15 passengers, arriving directly from the United States, may use a telephone reporting system to receive permission from a border services officer to enter Canada. The pilot must provide advance notification of arrival and information on all passengers and goods onboard to the CBSA at least 2 hours but not more than 48 hours before flying into Canada by calling the Telephone Reporting Centre at 1-888-226-7277. See AIP GEN 1.2.

Pilots are reminded that providing advance notification of arrival in Canada to the CBSA Telephone Reporting Centre does not fulfill their flight planning requirements and that a flight plan must be filed for all trans-border flights with NAV CANADA.

(d) For those flights commencing outside the geographical areas covered under the 1-888-226-7277 number (North America), the following number is available:

Hamilton, ON Tel: 905-679-2073 Fax: 905-308-8740

For more information on telephone reporting please refer to the Coming to Canada by Small Aircraft or Recreational Boat publication available at the following web address:

http://www.cbsa-asfc.gc.ca/publications/pub/bsf5061-eng.html

(e) Where, due to weather conditions or other emergency, the aircraft lands at a place which is not designated as a place for CBSA reporting, the pilot shall call 1-888-226-7277 or the nearest office of the Royal Canadian Mounted Police as soon as possible.

(f) **Military:** Flights should enter Canada via an AOE unless previously arranged with the CBSA. "ADCUS" notification on flight plans will no longer be accepted. Military crews must always make their own arrival and CBSA clearance arrangements with the local CBSA office by telephone, by letter or via HF communication (through a Wing Ops, phone patch, etc.). Agreements between Wings and local CBSA offices may vary; therefore, contact applicable Wing Ops for local procedures. The telephone number of the nearest local CBSA office may be requested by calling 1-888-226-7277. For those flights commencing outside the geographical areas covered under 1-888-226-7277 number, refer to paragraph. (d), above.

(g) Medical evacuation flights (MEDEVAC) should enter Canada via a staffed AOE or AOE/15 within the hours of operations listed in the CFS. All arrangements for CBSA clearance should be done through the CBSA Telephone Reporting Centre (1-888-226-7277) at least 2 hours prior to landing, or, in cases of medical emergency flights, as soon as the information becomes available.

(h) **U.S. Customs:** U.S. Customs and Border Protection (CBP) requires private aircraft pilots or their designees arriving in the United States from a foreign port or location destined for a U.S. port or location, or departing the United States to a foreign port or location, to transmit electronically to CBP passenger manifest information for each individual traveling on board the aircraft. The CBP requires private aircraft pilots or their designees to provide additional data elements when submitting a notice of arrival and requires private aircraft pilots or their designees to submit a notice of departure. Private aircraft pilots or their designees will be required to submit the notice of arrival and notice of departure information to CBP in the same transmission as the corresponding arrival or departure passenger manifest information via the Electronic Advance Passenger Information System (eAPIS) or an approved alternate system. Data must be received by CBP no later than 60 minutes before an arriving private aircraft departs from a foreign location destined for the United States and no later than 60 minutes before a private aircraft departs a U.S. airport or location for a foreign port or place. ADCUS and CANPASS notification on flight plans departing the U.S. or Canada will no longer be accepted.

Private pilots or their designees are required to set up an eAPIS account at least five days prior to their first transborder flight. For additional information consult the CBP web site at www.cbp.gov/

FLIGHT PLANNING (FLT PLN)

Bilingual services at this facility

All services bilingual

Hrs of ops, when less than H24, are listed under APRT RDO in COMM

FLT PLN	(bil)
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	IFR Flt Plns 123-456-7890
MIL	123-456-7890 CSN 765-4321
CARS	123-456-7890 ltd hrs (see COMM)
WX	METAR H24. TAF H24, issue times: 05, 11, 17, 23Z. 123-456-7890. CSN 123-4567 full svc 10-24Z; ltd svc 00-10Z (see COMM)
DUAT	Sky High Flying Club

NOTAM:

The term "(bil)" when placed after the term "FLT PLN" indicates that all services listed below are offered bilingually. When bilingual services are limited, the term "(bil)" will precede the appropriate service.

For more information on how to obtain NOTAM, NOTAM Regions and dissemination categories, consult AIP Canada (ICAO).

FLIGHT INFORMATION CENTRE **(FIC):**

Flight Information Centres provide pre-flight and flight information services en-route (FISE). The services include the provision of, or consultation on, pilot weather briefings, meteorological information, aeronautical information, aeronautical broadcasts, flight planning and VFR alerting, flight regularity message service, and other associated information services.

For access to services provided by the FICs, the following telephone numbers are available toll-free within Canada only:

1-866-WXBRIEF (1-866-992-7433). Calls to this number are routed to the FIC that serves the area from where the call originates.

1-866-GOMÉTÉO (1-866-466-3836). All calls to this number are routed to Québec FIC. This number is intended for the provision of bilingual services.

Due to limitations of some telecommunication service providers, cellular and satellite telephone calls may not be connected to 1-866-WXBRIEF/GOMÉTÉO. Should this occur, the following list of unique toll free numbers provides direct toll-free access (from within Canada and the continental United States) to the FICs. If callers are unable to reach the FIC using these toll-free numbers, we have also included in this list the long distance toll numbers that will send the caller directly to the same queue as if they called 1-866-WXBRIEF or 1-866-GOMÉTÉO.

Kamloops FIC:	1-866-541-4101 or 250-376-8392
Edmonton FIC:	1-866-541-4102 or 780-890-8386
London FIC:	1-866-541-4104 or 519-452-4040
Quebec FIC (bilingual service):	1-866-541-4105 or 418-871-8678

AREA CONTROL CENTRE **(ACC):**

At specified locations the ACC provides weather information (hourly and special reports only) and NOTAM, and also accepts flight plans. Collect calls will be accepted from locations not having air traffic services communications facilities. At other locations, the ACC accepts the filing of flight plans directly by Fax, and this is indicated by the following note: "flt pln by Fax 123-456-7890".

MILITARY **(MIL):**

Military flight planning facility; normally restricted to military use only. Canadian NOTAM information is available on the DWAN at http://met.forces.gc.ca, and online at http://www.flightplanning.navcanada.ca. International NOTAMs are available on the DWAN and online at http://www.notams.jcs.mil and http://www.notams.faa.gov.

COMMUNITY AERODROME RADIO STATION **(CARS):**

Ground stations using the call sign "AIRPORT RADIO" are usually operated by Community Aerodrome Radio Stations (CARS). Airport Radio (APRT RDO) service is provided by Observer/ Communicators (O/Cs) who are certified to conduct aviation weather observations and radio communications to facilitate aircraft departures and arrivals (O/Cs are authorized to provide an altimeter setting for an instrument approach) at uncontrolled aerodromes (see TC AIM RAC).

The frequencies used by APRT RDO/CARS and the hours of operation (if less than H24) are listed under **COMM**, e.g., **APRT RDO I** 122.1 (V) 13-21Z‡ Mon & Wed-Fri, 16-24Z‡ Tue, exc federal observed hols.

Note: When a federal observed holiday falls on a day that a CARS is normally closed, the holiday is moved to the next scheduled working day.

WEATHER **(WX):**

For civil aviation purposes, NAV CANADA is responsible for the dissemination of weather information, observations and forecasts to meet the needs of a safe and efficient air navigation system.

The pilot briefing service is available by telephone.

Online weather is available from the NAV CANADA web site at:
http://www.flightplanning.navcanada.ca.

For military aviation purposes, the Canadian Forces Weather and Oceanographic Service has the same responsibilities. Military weather services are normally restricted to military use only. Military weather services are available on the DWAN at http://met.forces.gc.ca. Military air crew briefing services are available through a toll free telephone number at 1-800-WXMETEO (equates to 1-800-996-3836), CSN 432-2613, or regular phone number at (506) 422-2613

Observed weather information, observations and forecasts originating from any non-NAV CANADA or non-military weather service are considered to be provided by a private meteorological service provider.

WEATHER SERVICES - OBSERVATIONS

Surface Weather Observations in METAR format, made by human observers or by an Automated Weather Observation System (AWOS), are taken within 1.6 nautical miles of the aerodrome centre.

The AWOS is a vigilant and precise weather observation system. Sky condition, cloud amount, visibility and precipitation are determined from a sampling of a small volume of air at and above the AWOS. As a result the weather must occur in the sampling area to be 'seen' and reported by the system. It may take 15 minutes or more for the weather to actually cross the sensor before it is detected and the algorithms can begin processing the data. This factor and the location of the AWOS itself, can on occasion contribute to the reported weather observation differing from the current weather in the vicinity of the aerodrome.

If a meteorological station location indicator differs from an aerodrome/heliport location indicator or the station is more than 1.6 NM from an aerodrome/heliport, and the services provided are used for air navigation purposes, the distance, direction and/or location indicator of the meteorological station will be provided.

WX METAR H24 (CWAA)
WX METAR H24 4.5SW (CWAB)

The following weather reports and services are listed for the applicable sites in the CFS under "FLT PLN" and "WX":

METAR — METAR and SPECI weather observation program taken by a qualified human observer that produces an hourly METAR or SPECI coded report that is disseminated beyond local aerodrome area through approved telecommunication network. METAR hours will be included.

METAR AUTO — METAR and SPECI weather observation program taken by a stand-alone Automated Weather Observation System (AWOS) that produces an hourly METAR or SPECI coded report that is disseminated beyond local aerodrome area through approved telecommunication network. (see *NOTE for NC AWOS enhancements). AWOS systems located outside of the Canadian Lightning Detection Network coverage area do not receive lightning data and therefore are unable to report thunderstorm or lightning data and therefore are unable to report thunderstorm or lightning activity.

LWIS	Limited Weather Information System (LWIS) - Automated weather system which produces an hourly LWIS coded report that is disseminated beyond local aerodrome area through approved telecommunication network. The coded LWIS report only contains wind speed, direction, temperature, dew point and altimeter setting. (See *NOTE for NC LWIS enhancements).
AUTO	An Automated weather system that does not meet requirements to produce METAR, SPECI or LWIS coded reports. The reports are not available on the main telecommunications network. These systems can report a variety of observed weather elements. Contact the aerodrome operator (OPR) for further information on the specifics of the system and how its reports may be obtained.
LAWO	Limited Aviation Weather Observation (LAWO) - A visual observation of prevailing tower visibility and tower ceiling made by airport controllers from inside the tower cab in order to provide limited weather information to support local flight operations. These observations are not intended for transmission, distribution, or use outside the control zone. This information is normally included in the local ATIS recording and updated as required or passed verbally to aircraft arriving at, and departing from, the local airport.
ALTIMETER	Altimeter setting report derived from two aircraft altimeters. The private altimeter setting report is a weather service provided in support of an Approach UNICOM (AU). Contact the Aerodrome Operator (OPR) for further information on the specifics of the service.
WIND	Human assessment of wind speed and direction. The private wind speed and direction report is a weather service provided in support of an Approach UNICOM (AU). Contact the Aerodrome (OPR) for further information on the specifics of the service.
WxCam	Indicates that a NAV CANADA Aviation Weather Camera is installed at the site. Still images are transmitted to the NAV CANADA Aviation Weather Web Site at 10-minute intervals.
Webcam	Indicates that one or more cameras not belonging to NAV CANADA have been installed at this location. Contact the Aerodrome Operator (OPR) for further information on the specifics of the camera system.

Stand-alone METAR AUTO and LWIS reports are available during published hours through normal meteorological information systems. At some sites an automated voice broadcast of the latest observation is available via VHF transmitter. In these cases, the VHF frequency is displayed in the **COMM** box (e.g., **COMM AWOS** 124.7, **COMM AUTO** 122.025). In cases where ALTIMETER and/or WIND is broadcast through a UNICOM (AU), the frequency is displayed in the **COMM** box (e.g. **COMM ATF UNICOM** (AU) 122.7).

HOURS OF OPERATION

The hours of coverage for METAR, METAR AUTO, AUTO, LWIS, LAWO, ALTIMETER and/or WIND are given (e.g. METAR 09-21Z). At sites where coverage is 24 hours, the coverage is listed as H24 (e.g METAR H24, METAR AUTO H24). At sites where there is a combination of weather programs, the coverage will be listed as METAR xx-xxZ O/T METAR AUTO or LWIS (e.g. METAR 12-20Z O/T LWIS). Sites providing unspecified limited hours of coverage will be listed as ltd hrs (e.g. ALTIMETER ltd hrs). Contact the Aerodrome Operator (OPR) for further information on the specifics of the hours of operation.

***NOTE:**

NAV CANADA's Automated weather system network (NC AWOS and NC LWIS) features include:

- **Thunderstorm Reporting** (NC AWOS) at sites within the domain of the Canadian Lightning Detection Network (CLDN). Thunderstorm activity, based on the proximity of the lightning strike(s) to the site, is to be reported as:
  - TS - Thunderstorm (at site), if lightning detected at 6sm or less;
  - VCTS - Thunderstorm in Vicinity, if lightning detected from > 6-10sm; and

- LTNG DIST (direction) if lightning detected from >10 - 30sm, Lightning Distant with octant compass cardinal direction shall be reported in "Remarks" e.g. LTNG DIST NE, S, SW
- LTNG DIST ALL QUADS - Lightning Distant All Quadrants will be reported in "Remarks" if lightning is detected in four or more octants.

- **Ice-Resistant Anemometer** (NC AWOS and NC LWIS) - Ice-resistant technology essentially eliminates anemometer performance degradation due to freezing precipitation, freezing fog or snow contamination.
- **Density Altitude reporting capability** (NC AWOS and NC LWIS) - Density altitude at the site is reported in hundreds of feet in the "Remarks" section of the observation if it is above aerodrome elevation.
- **Laser Ceilometer** (NC AWOS) - NC AWOS is capable of reporting cloud bases up to 25,000 ft.
- **Improved "Obstructions to Vision" reporting capability** (NC AWOS) - NC AWOS is capable of reporting Haze (HZ); Mist (BR); Fog (FG); Freezing Fog (FZFG); and Blowing Snow (BLSN).
- **Voice Generator Sub-System** (VGSS) - VHF transmission of weather report to pilots.
- **Runway Visual Range (RVR) reporting** (NC AWOS) at sites where RVR sensors are installed.
- **Remote Maintenance capability** (NC AWOS and LWIS) enables the remote monitoring, resetting, and upgrading of systems.
- **Updated weather algorithms** reduce the number of 'nuisance' SPECI reports (NC AWOS).
- **Digital aviation weather cameras (WxCam)** are installed at many NC AWOS, NC LWIS sites, and at stand-alone locations.

Sites in the Canada Flight Supplement (CFS) where aviation weather cameras are installed will have this service identified by using the term **"WxCam"** under the **"FLT PLN - WX"** section of the listing.

All METAR, SPECI and WxCam images are available on the NAV CANADA Collaborative Flight Planning Services (CFPS) at https://plan.navcanada.ca/wxrecall.

WEATHER SERVICE - FORECASTS

Aerodrome Forecasts (TAF) are normally issued every 6 hours during periods when observations are being made. They are normally valid for 12 hours; however, the actual TAF validity period is part of the Aerodrome Forecast text.

The hours of coverage for TAF forecasts are given. Not all TAFs are issued at the same time by a Canadian Meteorological Aviation Centre of Environment Canada or Canadian Forces Weather and Oceanographic Service. TAF issue times are therefore given, e.g., TAF 24 hrs, issue times: 00, 06, 12, 18Z.

PILOT TO METRO SERVICE **(PMSV):**

The Canadian Forces operates a PMSV at selected bases to provide military aircrew direct radio contact with local Meteorological (Met) Sections. Details of this service and the actual frequencies to be used are listed under **COMM**, e.g., **PMSV I** 344.6. Where this service is available, the note "(see COMM)" is added to the WX entry.

CANADIAN FORCES OPERATIONAL WEATHER BRIEFING

Military aircrew requiring an operational weather briefing can contact the Joint Meteorological Centre (JMC) using the toll free number 1-800-WXMETEO (equates to 1-800-996-3836), CSN 432-2613 or regular phone number at (506) 422-2613.

Military air crew can also contact the JMC to arrange for a briefing by DWAN e-mail at "+GAG JMC Remote Brief Req@Joint Met Centre@Gagetown" or internet e-mail at "GAGJMCRemoteBriefReq@forces.gc.ca".

These services are intended for military aircrew who have an operational need for weather information and find themselves without access to other weather services. This service may be interrupted by higher priority operations.

FLT PLN/COMM Weather Example (Civilian)

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR dur FSS hrs of ops O/T METAR AUTO 123-456-7123 (see COMM). TAF 16-10Z, issue times: 16, 22, 04Z.

COMM	
AWOS	124.7

FLT PLN/COMM Weather Example (Military)

FLT PLN	
MIL	123-456-7890 CSN 654-3890
WX	Met brief for mil only. Lcl Met Section CSN 123-4567 O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613.(see COMM). METAR H24. TAF H24, issue times: 05, 11, 17 & 23Z
COMM	
PMSV	344.6 ltd svc 22-08Z‡

FLT PLN/COMM Weather Example (Private)

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	ALTIMETER/WIND ltd hrs (see COMM)
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.7

DIRECT USER ACCESS TERMINAL **(DUAT):**

Direct User Access Terminals may have graphic/alphanumeric weather or NOTAM information available and may permit the filing of flight plans. The specific installation sites are listed under **FLT PLN**, e.g.,

DUAT	Sky High Flying Club

SERVICES

The information contained under this sub-heading indicates what is usually available to General Aviation within the confines of the aerodrome or airport. If a service/function or item is not listed then in all probability it does not exist. Absence of information indicates non availability. Information on services at an aerodrome is provided by the company or individual offering that service. Transport Canada is not responsible for such information.

Call out charges

Where "Call out chgs" is listed, the aerodrome operator charges a fee to all users who make use of one or more services at the aerodrome. The exact fee can be established by contacting the operator.

SERVICES	Call out chg may be levied for one or more services.
FUEL	80, 100LL, F-44, JB (FSII avbl), HPR
OIL	65, 80, 100
S	2 12-03Z‡ Mon-Fri, 1100-0230Z‡ Sat & Sun, 4,5
ARFF	DESIGNATED CAT 6 (CAT 7 1 hr PN) 1100-0500Z‡, O/T 519-452-4000 call out chg.
SUP FL	D & A ice, LHOX, LOX
JASU	Elect start 10/15 (MIL-CE 13, 14, 16, CA 1,2,3)
MIL ADV	Wing Ops 308.8 1300-2130Z Mon-Fri
PVT ADV	Innotech 122.95 123-456-7890 10-04Z‡
MIL CON	B & W Aviation 705-779-3962 1030-0200Z‡ Mon-Fri, O/T call out fee

FUEL:

CODE	GRADE/DESCRIPTION	SPEC
	aviation gasoline	
100LL	AVGAS 100LL Blue (a)	CAN/CGSB -3.25
	turbine fuel – kerosene type	
JA	Turbine Fuel–Kerosene Type JET A – (No FSII)	CAN/CGSB -3.23 ASTM D 1655 (b)

	Freeze Point Minus 40°C	
JA-1	Turbine Fuel–Kerosene Type – ASTM – JET A-1 (No FSII) NATO F-35-Freeze Point Minus 47°C	CAN/CGSB -3.23
F-34	Turbine Fuel – Kerosene Type – Contains FSII – U.S. Military Designation JP-8	CAN/CGSB -3.24 (c)
F-37	Turbine Fuel - Kerosene Type - Contains FSII, +100(e) - U.S. Military Designation JP-8+100	
F-44	Turbine Fuel – High Flash Kerosene Type Contains FSII U.S. Military Designation JP-5 turbine fuel – wide cut type	CAN/CGSB -3.24
JB	Turbine Fuel – Wide cut JET B (No FSII) Freeze Point Minus 51°C diesel fuel – arctic grade	CAN/CGSB -3.22 (Grade JET B)
DFA	Diesel Fuel (No FSII)	CAN/CGSB -3.6 (Type A or B)
	MOGAS unleaded automotive gasoline (d)	CAN/CGSB -3.5
MG-1	AKI of 87.0	(Grade 1)
MG-2	AKI of 89.0	(Grade 2)
MG-3	AKI of 91.0	(Grade 3)
MG-4	AKI of 93.0	(Grade 4)
(D)	Fuel available from drum only.	
IP	Into Plane	
AP	Along Plane	
SP	Single Point Refuelling	
HPR	High Pressure Refuelling	
FSII	Fuel System Icing Inhibitor: The term (FSII avbl) shall immediately follow the fuel to which it refers (JA, JA-1 or JB). Indicates FSII available at airport and is either: already in the fuel (premixed); or, can be added on request. When delivery method required, contact fuel supplier at airport.	

NOTES:

(a) 100LL (Blue) AVGAS, available in all NATO countries and at several locations in Canada. Use at 100/130 (Green) power settings.
(b) ASTM – American Society for Testing and Materials.
(c) U.S. Spec., MIL-DTL-83133 applies, CAN/CGSB 3.24 grade F-34, F-44.
(d) AKI=Anti-Knock Index.
(e) +100 additive = Thermal Stability Additive. NATO code S-1749

DND CONTRACT FUEL

When purchasing aviation fuel products in Canada, military aircrew shall make maximum use of DND into-plane contracts. Government of Canada credit cards shall only be used where DND into-plane contracts are not available or in any emergency situation.

DND fuel contract is indicated in brackets e.g. (CON I IP F-44). Details of contractor are under **MIL CON.**

CON	Contract	S	Shell
I	Imperial Oil	SP	Single point refuelling
P	Petro Canada	HPR	High pressure refuelling

Note 1: At civilian locations, the following services, although made available by the contractor, are not covered in the DND's Fuel Contract and shall be paid for by alternate means (e.g. credit card, cash) by the user:
Marshalling, chocking and chock removal.
Refuelling of aircraft by qualified personnel.
Placement and removal of ladder or stairs.
Fluids provided for the replenishment of aircraft Fluid Systems.
Replenishment of gaseous oxygen systems.

Cleaners provided for the cleaning of canopy or windscreen.
Positioning and operating of energizer or air start units for starting.
Towing if tow bar available.
Provide or arrange for de-icing of aircraft surfaces.
Provide or arrange for aircraft storage.

Note 2: Marshalling may not be available immediately, but may be provided on a requested basis, as availability of contractor personnel permits. Pilots must use discretion as to whether to manoeuver their aircraft unassisted or to wait till a marshaller is available.

OIL:

CIVIL OIL LISTINGS
Oil grades available are shown as **OIL |** 65, 80 etc. **OIL |** All. Indicates all seasonal grades available.

MILITARY OIL LISTINGS
CANADA AND U.S. AVIATION OILS (MIL SPECS)

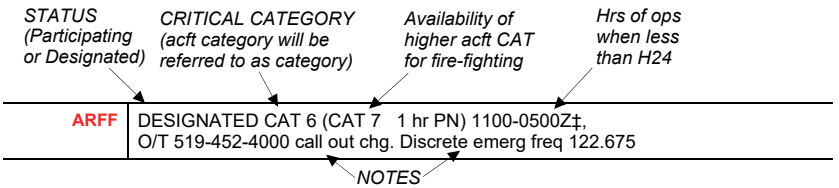
FLIP CODE	NATO CODE	GRADE	TYPE	SPECIFICATIONS
117	0-117	SAE 50	Lubricating Oil, Acft Piston Engine (Non dispersant mineral oil)	SAE SAE J 1966
123	0-123	SAE 40	Lubricating Oil, Acft Piston Engine (Ashless dispersant)	SAE SAE J 1899
128	0-128	SAE 60	Lubricating Oil, Acft Piston Engine (Ashless dispersant)	SAE SAE J 1899
132	0-132	1005	Jet Engine Oil	(MIL-L-6081)
133	0-133	1010	Jet Engine Oil	(MIL-L-6081)
148	0-148	3	Turbine Engine Oil (Synthetic Base)	(MIL-L-7808)
156	0-156	None	Turbo Prop/Turbo Shaft Engine Oil (Synthetic Base)	(MIL-L-23699)
163	0-163	4	Turbine Engine Oil (Synthetic Base)	(MIL-L-7808)

SPECTROMETRIC OIL ANALYSIS PROGRAM (SOAP). Normal operating hours 0800 to 1630 hrs Monday to Friday. Support is provided during non-duty hours on request.

SERVICING **(S)**

1. Storage available
2. Servicing/Minor repairs
3. Major repairs
4. Parking (Extended term)
5. Tie-Down facilities
6. Plug-in facilities
7. Pick-up/Drop-off only. No extended term parking

AIRCRAFT RESCUE AND FIRE-FIGHTING (ARFF)



Participating and Designated airport or aerodrome.

At a land aerodrome or airport, in order to assist air operators subject to CARs 602.96 (6), the term "DESIGNATED" or "PARTICIPATING" precedes the Critical Category inside the ARFF annotation.

ARFF Critical Category

The operator of an airport or aerodrome providing the aircraft rescue and fire-fighting services publishes a number which corresponds to the critical category for fire-fighting available to respond to an aircraft emergency at the airport or aerodrome. This number is found inside the ARFF annotation.

ARFF Hours of Operation

Airports and aerodromes
The aerodromes or airports providing ARFF publish in this document the hours during which an aircraft rescue and fire-fighting service is operated under the ARFF annotation. The absence of published hours following an ARFF Critical Category number denotes a 24 hour service.

ARFF Discrete Communication

The capability to communicate on a discrete frequency is normally available at airports that provide Aircraft Rescue and Fire-Fighting (ARFF) services, contact ATS.

ARFF Extinguishing Agent and Vehicle Requirements

The following table identifies the critical category for aircraft rescue and fire-fighting as it relates to the aircraft size, the quantities of water and complementary extinguishing agents, the minimum number of aircraft rescue and fire-fighting vehicles and the total discharge capacity. For ease of interpretation, the table is a combination of the two tables found in CAR 303.

Acft Category	Acft Overall Length	Maximum Fuselage Width	Quantity of water (in litres)	Quantity of Complementary agents (in kilograms)	Minimum Number of ARFF Vehicles	Total Discharge Capacity (in litres per minute)
1	less than 9 m	2 m	230	45	1	230
2	at least 9 m but less than 12 m	2 m	670	90	1	550
3	at least 12 m but less than 18 m	3m	1200	135	1	900
4	at least l8 m but less than 24 m	4 m	2400	135	1	1800
5	at least 24 m but less than 28 m	4 m	5400	180	1	3000
6	at least 28 m but less than 39 m	5 m	7900	225	2	4000
7	at least 39 m but less than 49 m	5 m	12 100	225	2	5300
8	at least 49 m but less than 61 m	7 m	18 200	450	3	7200
9	at least 61 m but less than 76 m	7 m	24 300	450	3	9000
10	at least 76 m	8 m	32 300	450	3	11 200

Military Airports

When published in this document, the ARFF services provided by the Department of National Defence (DND) are at least equivalent to those provided at civilian airports. DND ARFF Categories include interior fire-fighting and rescue capabilities whereas the Transport Canada ARFF requirements do not.

SUPPORTING FLUIDS, SYSTEMS AND OXYGEN **(SUP FL)**

ADI	Anti-Detonation Injection Fluid–reciprocating engine
D-Ice	De-icing fluid
A-Ice	Anti-icing fluid
PRESAIR	Air compressors rated 3000 PSI or more
LPOX	Low pressure oxygen servicing
HPOX	High pressure oxygen servicing
LHOX	Low and High pressure oxygen servicing
LOX	Liquid oxygen servicing
OXRB	Oxygen replacement bottles

NOTE: A combination of the above terms is used to indicate complete oxygen servicing available, i.e., LHOX-RB, meaning Low and High pressure oxygen servicing and replacement bottles; and LPOX-RB only, meaning Low pressure oxygen replacement bottles only, etc.

JET AIRCRAFT STARTING UNITS **(JASU)** CANADA

CIVIL JASU

ELECTRICAL STARTING UNITS

10/15	1000/1500 amps

AIR STARTING UNITS

120/350	120 lbs/min at 350 psi

DND JASU

ELECTRICAL STARTING UNITS

FLIP code	output or description
CE 1	AC 115/200V 37.5 KVA 400 Hz 3 phase
CE 2	AC 120/208V 10 KW 400 Hz 3 phase
CE 3	AC 120/208V 15 KW 400 Hz 3 phase
CE 4	AC 120/208V 18 KVA 400 Hz 3 phase
CE 5	AC 120/208V 10 KVA 400 Hz 3 phase
CE 6	AC 120/208V 15 KVA 400 Hz 3 phase
CE 7	AC 115V 5 KVA 400 Hz 1 phase
CE 8	AC 115/200V 40 KVA 400 Hz 3 phase
CE 9	AC 120/208V 37.5 KVA 400 Hz 3 phase
CE 10	AC 115/200V 20 KVA 400 Hz 3 phase
CE 11	AC 120/208V 8.8 KVA 400 Hz 3 phase
CE12	AC 115/200V 140 KVA 400 Hz 3 phase
CE13	AC 115/200V 60 KVA 400 Hz 3 phase
CE 14	AC/DC 115/208V 60 KVA 400 Hz 3 phase 28 VDC 1500 amp
CE 15	DC 26-33V 500 amp CONTINUOUS 1100 amp INTERMITTENT
CE 16	DC 26-32V 500 amp CONTINUOUS 1500 amp INTERMITTENT (SOFT START)

AIR STARTING UNITS

CA 1	MA1A 36-45 PSIG, 82-90 lbs/min.
CA 2	ASA 45.5 PSIG, 116.4 lbs/min.
CA 3	MC11 4000 PSIG, 15 cu.ft. per min.

COMBINATION ELECTRICAL AND AIR STARTING UNITS

CEA1	AC 120/208V 60 KVA 400 HZ 3PH DC 28V 75 AMP AIR 47 PSIG, 112.5 lbs/min.
CEA2	AC 120/208V 75 KVA 400 HZ 3PH AIR 47 PSIG, 116.4 lbs/min.

JET AIRCRAFT STARTING UNITS **(JASU)** USAF/USN

USAF JASU

Absence of JASU designation indicates non-availability. For variations in technical data, refer to USAF T.O. 35-1-7.

ELECTRICAL STARTING UNITS

MD-3	AC:115/208V, 400 cycle, 3 phase, 60 KVA, 0.75 PF, 4 wire
	DC: 28V, 1500 AMP, 45 KW, split bus
MD-3M	AC: 115/208V, 400 cycle, 3 phase, 60 KVA, 0.75 PF, 4 wire
	DC: 28V, 500 AMP, 15 KW

AIR STARTING UNITS

MA-1A	82 lbs/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC-1	15 cfm, 3500 psia
MC-1 Modif	5000 cu in cap, 3500 psia, 15 cfm
MC-1A	15 cfm, 3500 psia
MC-2A	15 cfm, 200 psia

COMBINATION AIR AND ELECTRICAL STARTING UNITS

AM32A-60	AIR: 120+/- 4 lbs/min (1644 +/- 55cfm) at 49+/- 2 psia
	AC: 120/208V, 400 cycle, 3 phase, 75 KVA, 0.75 PF, 4 wire, 120V, 1 phase,
	25 KVA
	DC: 28V, 500 AMP, 15 KW
AM32A-86	AC: 115/200V, 3 phase, 90 KVA, 0.8 PF, 4 wire
	DC: 28V, 1500 AMP, 72 KW (with TR pack)

NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS

AM32A-108	DC:750 amp constant, 1000 amp intermittent, 28V;
	AC:90 KVA, 115/200V, 3 phase, 400 Hz;
MMG-1/1A	DC:500 amp constant, 1000 amp intermittent, 28V;
	AC:60 KVA .8 P.F., 115/220V, 3 phase, 400 Hz;
	Input (AC): 220/400V, 3 phase, 60 Hz
MMG-2	DC:500 amp constant, 28V;
	AC:30 KVA .8 P.F., 115/200V, 3 phase, 400 Hz;
	Input (AC): 220/400V, 3 phase, 60 Hz
NC-8A/A1	DC:500 amp constant, 750 amp intermittent, 28V;
	AC:60 KVA, 115/200V, 3 phase, 400 Hz
NC-10A/A1/B/C	DC:750 amp constant, 1000 amp intermittent, 28V;
	AC:90 KVA, 115/200V, 3 phase, 400 Hz

AIR STARTING UNITS

GTC/GTE-85	120 lbs per min at 45 psi

COMBINED AIR AND ELECTRICAL STARTING UNITS

AM47A-4	AIR:195 lbs/min. 75+/-5 psia or 120-127 lbs/min. 45 psia;
	AC:115/208V, 15 KW, 0.75 PF;
	DC:28V, 100 amp;

JET AIRCRAFT STARTING UNITS **(JASU)** USAF/USN (Cont'd)

NCPP-105/RCPT	180 lbs/min. 75 psi or 120 lbs/min. 45 psi 700 amp, 28V DC. 120/208V, 400 Hz AC, 30 KVA

STARTER PROBES

Starter probes for A4 and F8 acft are available at most, but not all USN/USMC jet air stations. Probe availability is indicated on JASU line, e.g.,(A4, F8 probes), (A4 probe). Absence of indicates non-availability.

MILITARY ADVISORY **(MIL ADV)**

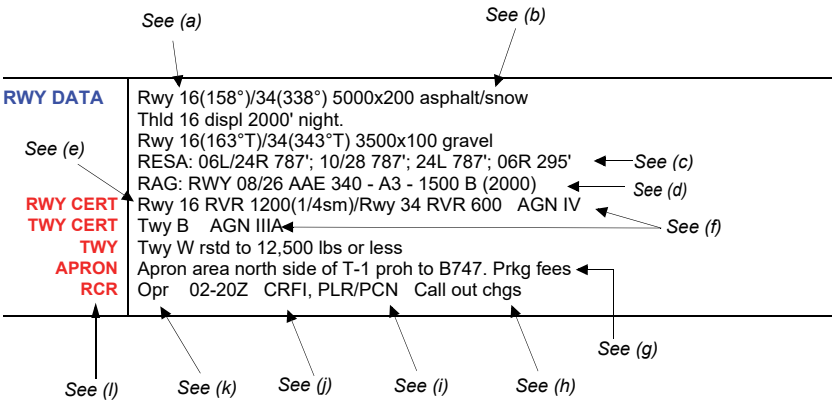
PRIVATE ADVISORY **(PVT ADV)**

RUNWAY AND/OR HELI DATA (RWY DATA, HELI DATA)

For land aerodromes, the **RWY DATA** sub-heading will always be shown; the **HELI DATA** sub-heading may also be shown if applicable. For aerodromes which are exclusively heliports, only the sub-heading **HELI DATA** will be shown.

Operating restrictions that are specified by the Minister in order to comply with Airport Certificate issued for the aerodrome/heliport will be indicated by (CAR 602.96).

In Southern and Northern Domestic Airspace runways are identified by two-digit runway number designators followed by "L" "R" or "C" if required. Runways are listed in pairs and by decreasing order of runway length.



(a) Rwy designation, actual magnetic or true bearing, length & width, type of surface, operational restriction.

(b) Indicates runway is in operation during winter months for ski equipped aircraft.

(c) Dimension of the Runway End Safety Area applicable to the specified runway.

(d) Arrestor cable type.

(e) An entry of "RVR 1200(1/4sm)" indicates that the runway meets the requirements for runway and taxi operations below RVR 2600(1/2sm) down to and including RVR 1200(1/4sm).
An entry of "RVR 600" indicates that the runway meets the requirements for runway and taxi operations below RVR 1200(1/4sm) down to and including RVR 600.
NOTE: For the purpose of aircraft taxiing only, an RVR 600 visibility condition equates to a reported ground visibility of 1/8sm.
An entry of "Day only" indicates that the specified level of service is only approved for day operations.
An entry of "Night only" indicates that the specified level of service is only approved for night operations.
The absence of "Day only" or "Night only" indicates that the level of service is approved for both day and night operations.

If no runway visibility range (RVR) is published for the runway, then the operations are limited to a visibility of 2600(1/2sm) and above.

Where required, special reduced/low visibility restrictions or procedures for pilots will be published in the appropriate aeronautical publication(s). Runways certified for reduced visibility procedures (below RVR 2600(½ sm) down to and including RVR 1200(¼ sm)) do not necessarily require special pilot procedures and may not have special procedures published.

This information only indicates the level of service the aerodrome provides in regards to runway and taxi operations in reduced or low visibility conditions. In order to operate below RVR 2600(1/2sm) pilots and Air Operators must ensure they meet all other applicable regulatory requirements, including landing minima, take-off minima, published departure and noise abatement procedures.

Military aircraft operations are governed by military flying orders. Civil pilots and civil Aerodrome Operators should therefore be aware that, in reduced/low visibility conditions, military aircraft may be operating below the published level of service when civil aircraft operations may actually be prohibited in such conditions. The preceding applies equally to military as well as civil aerodromes.

An entry of "AGN IV" indicates that the runway meets the requirements with respect to the obstacle free environment to support the airborne and ground operation of aircraft having wingspans less than 52.12m (171 feet). Note: The AGN is only published for airports (certified aerodromes), and registered aerodromes supporting an instrument approach procedure with a valid aerodrome attestation signed by the aerodrome operator.

See the following table for a breakdown of wingspans into AGN groupings. For the runway environment, the determination of the AGN is made with reference to the Vref obtained with the aeroplane at maximum landing weight and configured with the maximum allowable landing flap. It does not include any operational adjustments to Vref due to environmental conditions (steady state wind, gusts or icing, etc.) or aircraft abnormal or emergency configuration (slats or flaps jam, etc.).

Aircraft Group Number Groupings – Runway Environment

Aircraft Group Number (AGN)	Critical Aircraft Wingspan	Critical Aircraft Reference Landing Speed (V_{REF})
I	Less than 14.94 m (49')	Less than 121 kts
II	14.94 m up to but not including 24.10 m (79')	Less than 121 kts
IIIA	24.10 m up to but not including 36.00 m (118')	Less than 121 kts
IIIB	up to but not including 36.00 m (118')	121 kts or more
IV	36.00 m up to but not including 52.12 m (171')	N/A
V	52.12 m up to but not including 65.23 m (214')	N/A
VI	65.23 m up to but not including 79.86 m (262')	N/A

For airports, the taxiway environment AGN is made with reference to wingspan only, in accordance with the following table. The AGN will only be published for those taxiways having a lower AGN than of the runway with the highest certification level.

Note: The taxiway AGN is not provided for registered aerodromes.

Aircraft Group Number Groupings - Taxiway Environment

Aircraft Group Number (AGN)	Critical Aircraft Wingspan
I	Less than 14.94 m (49')
II	14.94 m up to but not including 24.10 m (79')
IIIA / IIIB	24.10 m up to but not including 36.00 m (118')
IV	36.00 m up to but not including 52.12 m (171')
V	52.12 m up to but not including 65.23 m (214')
VI	65.23 m up to but not including 79.86 m (262')

(f) An Aircraft Group Number is used to communicate the maximum aircraft wingspan, with consideration of the reference approach speed for the runway environment, for the part of an

aerodrome that is assessed.

(g) Where "Prkg fees" is listed, the aerodrome operator charges a fee to all users who park at the aerodrome. The exact fee can be established by contacting the operator.

(h) Where "Call out chgs" is listed, the aerodrome operator charges a fee to all users who make use of one or more services at the aerodrome. The exact fee can be established by contacting the operator.

(i) For civil aerodromes, indicates PLR and/or PCN information is available from the operator. ACN/PCN for military aerodromes; actual PCN values and/or Mil Rwy Bearing Capacity Codes may be listed. Where PLR/PCN (or ACN/PCN) is not indicated, it means that the aerodrome surfaces have not been assessed. If an aircraft weight restriction is desirable in these cases, a statement restricting runways to aircrafts of certain weights may be listed, e.g., Rwy 28 restricted to aircrafts of a GTOW of under 7000 lbs.

(j) Canadian Runway Friction Index availability (see table).

(k) Agency and telephone number if different from operator.

(l) Runway Condition Report. The organization that is capable of providing the condition of the runway.

HELI DATA

At all heliports the safety area is an obstacle free area that is considered non-supporting and no surface type will be indicated.

At elevated or rooftop heliports the FATO may be non-supporting and will be indicated if the condition exists.

Heliport Data will be published based on three possible scenarios:

1. FATO & TLOF (where FATO and TLOF are embedded): FATO dimensions and surface type, TLOF dimensions and surface type. May be followed by Safety Area dimensions.

Example:

HELI DATA	FATO 85' dia CONC TLOF 30' dia CONC Safety Area 144' x 100'

2. FATO/TLOF (where FATO and TLOF are coincidental [same size]): FATO/TLOF dimensions and surface type. May be followed by Safety Area dimensions.

Example:

HELI DATA	FATO/TLOF 60' x 60' ASPH Safety Area 74' x 74'

3. FATO where TLOF is not coincidental: FATO dimensions and surface type. May be followed by Safety Area dimensions.

Example:

HELI DATA	FATO 85' dia CONC Safety Area 144' x 100'

The above dimensions may be followed by:

- Heliport restrictions and maximum helicopter overall length
- Parking Pad dimensions, surface type, and pad restrictions
- Type of elevated heliport where applicable

Example:

HELI DATA	FATO 85' dia CONC TLOF 30' dia CONC Safety Area 144' x 100' 20,500 lbs Max heli overall length 57' Parking Pad 1: 30' dia ASPH 11,400 lbs Parking Pad 2: 40' dia METAL 20,500 lbs Parking Pad 3: 40' dia GRASS 11,400 lbs

CANADIAN ARRESTING SYSTEMS

The following list identifies current operational arresting systems in use by the Canadian DND.

(a) CABLE

(i) Bi-Directional

BAK-12	Rotary Friction Brake
AAE 44B-3H	Water Twister
*AAE 340-A3-1000	Water Squeezer
*AAE 340-A3-1500	Water Squeezer
BLISS 500S	Rotary Friction Brake

*Systems are identical except for runouts which are 1000´ and 1500´ respectively.

(ii) Uni-Directional

E-5	Chain Type

(b) BARRIER

(i) Bi-Directional

NIL

(ii) Uni-Directional

MA-1A	Webb barrier between stanchions attached to a chain energy absorber. Designed primarily for main strut engagement but tests reveal successful hook back-up capability.

(c) BARRIER/CABLE

Combination BARRIER/CABLE arresting systems are not available in Canada.

FOREIGN ARRESTING SYSTEMS

Caution: Canadian evaluation of the systems listed below has not been verified. Where a foreign arresting system is shown as having a Canadian equivalent this information is offered as a guide only and does not indicate that either system meets the technical specifications of the other. The comparison is based on best available data at time of publication but is not to be construed as clearance for use. Obtain clearance from tower prior to landing.

(a) CABLE

System Identification	Nearest Canadian Equivalent Energy Capacity
BAK-6	AAE 340-A3-1000
BAK-9	AAE 340-A3-1000
BAK-13	None
E-14	AAE 340-A3-1000
E-28	None
M-2	None
M-21	UNI 700
AAE-44B-2H	AAE 44B-3H
SAF 21.2	None
SAFH 12.3	None
HKB	None
AAE-44B-2C	BAK-12
AAE-44B-2D	None
BLISS 500 S6	BLISS 500 S
BLISS 500 S8	BAK-12
RHAG Mk 1	None
PUAG Mk 21	None
SPRAG	None
CHAG	E-5
BEFAB 21:2	None
AAE 34B-1C	AAE 340-A3-1000
BEFAB 6:3	Unknown
BEFAB 12:3	Unknown
Jet-Stop	AAE 340-A3-1000

(b) BARRIER

System Identification	Nearest Canadian Equivalent Energy Capacity
AAE-44B-2C/A-30 (Net)	None
F-30 ROLBA (Net)	None
F-30 ROLBATWIN (Net)	None
F-40 BLISS S6 (Net)	None
F-40 BLISS S8 (Net)	None
RAF MK5 (Net)	MA1A
RAF MK6	None
RAF MK12	None
RAF MK12A	None
BEFAB 6:3 (Net)	Unknown
BEFAB 12:3 (Net)	MA1A

(c) BARRIER/CABLE
Nil.

(d) The following devices are used in conjunction with some aircraft arresting system:
BAK-11 Pop-up engaging device with a mechanical energy absorber (BAK-9, BAK-12) to engage main landing struts.
BAK-14 A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request.

AIRCRAFT OPERATING FLIGHT MANUAL

Refer to current aircraft operating/flight manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations. Up to 15 minutes advance notice may be required for rigging arresting systems for approach end engagement. MA 1A system may not be used for approach end engagements.

LOCATION OF ARRESTING SYSTEMS

Systems which have a bi-directional capability and can be used for emergency approach and engagement are indicated by the letter 'B' which will immediately follow the system type. The value in parenthesis indicates the distance from the end of the runway where the system is located.

Up to 15 minutes advance notice may be required for rigging arresting systems for approach end engagement. MA-1A system may not be used for approach end engagements.

Caution: Taxiing, taking-off or landing over arresting cables may cause damage to certain types of aircraft.

MILITARY RUNWAY WEIGHT BEARING CAPACITY CODES

NOTE: Military aerodromes only.

S	–	Single-wheel landing gear
T	–	Twin-wheel landing gear (C9A, etc.)
ST	–	Single Tandem landing gear (C-130, etc.)
TT	–	Twin Tandem landing gear (B-52, C-135, etc.)
TDT	–	Twin Delta Tandem landing gear (C5)
DDT	–	Double Dual Tandem (E4A, 747)
SWL	–	Single wheel loading
PSI	–	Pounds per square inch
AUW	–	All up weight. Maximum weight bearing capacity irrespective of landing gear configuration.

Runway weight bearing capacity (gross weight of aircraft) is determined by adding "000" to the figure following S, T, ST, TT, TDT, or DDT. Gross weights are given for the principle runway and taxiway system. Unless specifically noted, operations on other paved areas should be cleared on an individual basis. The simplified form expresses the load limit for the most severe aircraft within each undercarriage group and, therefore, may be restrictive for other less severe undercarriages. Decisions to permit repeated operations of a particular aircraft in excess of the stated load limit should be based on a more complete form of runway strength rating such as the PCN system.

THE AIRCRAFT CLASSIFICATION & PAVEMENT CLASSIFICATION NUMBER SYSTEM (ACN/PCN)

1. The ACN/PCN system is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 lbs (5700 kg).
2. Aircraft Classification Number (ACN) is an indicator of the weight of an aircraft relative to a pavement. ACN values for C.F. aircraft are available in applicable Aircraft Operating Instructions (AOI's). By comparing the ACN to the PCN one can determine if an aircraft of specific mass should operate on a particular section of pavement. Provided the ACN is less than or equal to the PCN of the aircraft, unlimited use is permitted. When the ACN exceeds the PCN, criteria are established for controlling overload operations.
3. Pavement Classification Number (PCN) is established by an engineering assessment expressing the load capacity of a pavement for unrestricted operations. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five part code (i.e. PCN 80 R/B/W/T). Details of the coded format are as follows:
   (1) The PCN NUMBER - The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to the tire pressure code limitation (para 4).
   (2) The type of pavement:
   R - Rigid
   F - Flexible
   (3) The pavement subgrade category:
   A - High
   B - Medium
   C - Low
   D - Ultra-low
   (4) The maximum allowable tire pressure is reported by either:
   W - Unlimited, no tire pressure limitation
   X - High, limited to 1.75 MPa 254 psi
   Y - Medium, limited to 1.25 MPa 181 psi
   Z - Low, limited to 0.50 MPa 73 psi
   (5) Pavement evaluation method:
   T - Technical evaluation
   U - By experience of aircraft using the pavement

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

NOTE: ACN/PCN values are depicted in this publication for military aerodromes only. For other aerodromes, contact the operator.

AIRCRAFT LOAD RATING/PAVEMENT LOAD RATING (ALR/PLR) SYSTEM

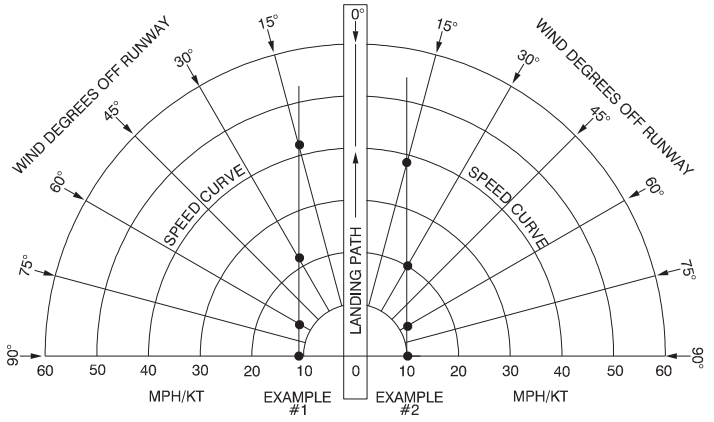
The Aircraft Load Rating/Pavement Load Rating (ALR/PLR) system for reporting runway pavement strengths is based on Transport Canada's design procedures for airfield pavements. From a pavement structural viewpoint, an aircraft can operate on an airport pavement provided that the Aircraft Load Rating (ALR) is equal to or less than the Pavement Load Rating (PLR) and the tire pressure of the aircraft does not exceed the tire pressure restriction (if any) assigned to the pavement. For information regarding PLR values, contact the airport operator.

CROSS-WIND LANDING LIMITATIONS – LIGHT AIRCRAFT

Approximately 10% of all aircraft accidents involving light aircraft in Canada are attributed to pilot failure to compensate for cross-wind conditions on landing.

Aircraft of United States manufacture are designed to withstand groundlooping tendencies on landing in 90-degree cross-winds up to a velocity equal to 0.2 (20 per cent) of their stalling speed.

This information in conjunction with the known stalling speed of a particular aircraft makes it possible to use the cross-wind component graph printed below to derive a "**general rule**" for most light aircraft manufactured in the United States. Aircraft Owner's Manual may give higher or limiting cross-winds. Examples of the method used in this interpolation are shown below:



EXAMPLE #1 – Aircraft with a stalling speed of 60 MPH.

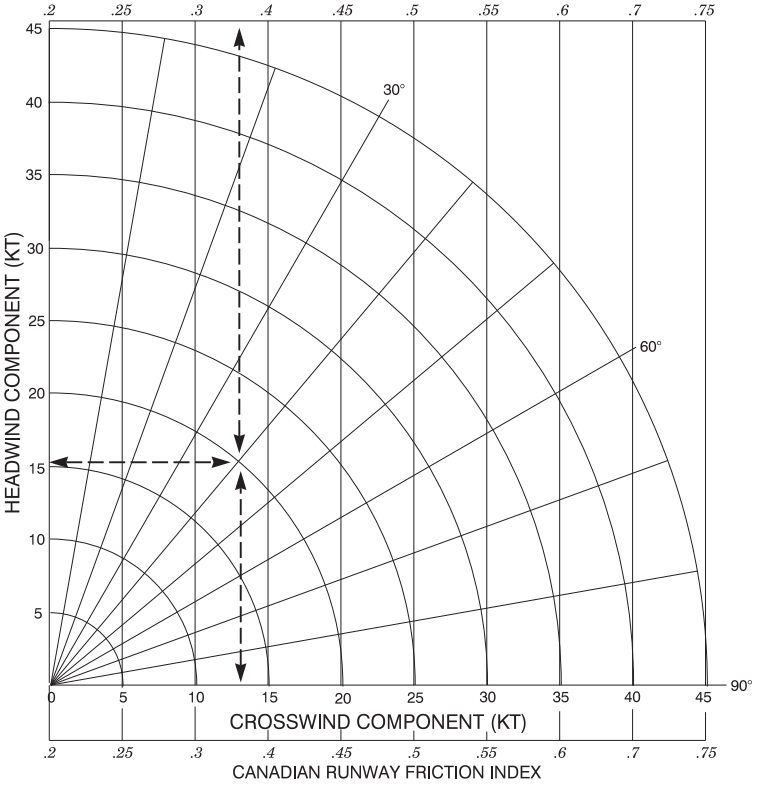
Wind-degree Off Runway		Permissible Wind Speeds
90-degrees	(0.2 x 60 MPH stalling speed)	12 MPH
60-degrees	Using cross-wind component graph	14 MPH
30-degrees	Using cross-wind component graph	24 MPH
15-degrees	Using cross-wind component graph	45 MPH

EXAMPLE #2 – Aircraft with a stalling speed of 50 Kt.

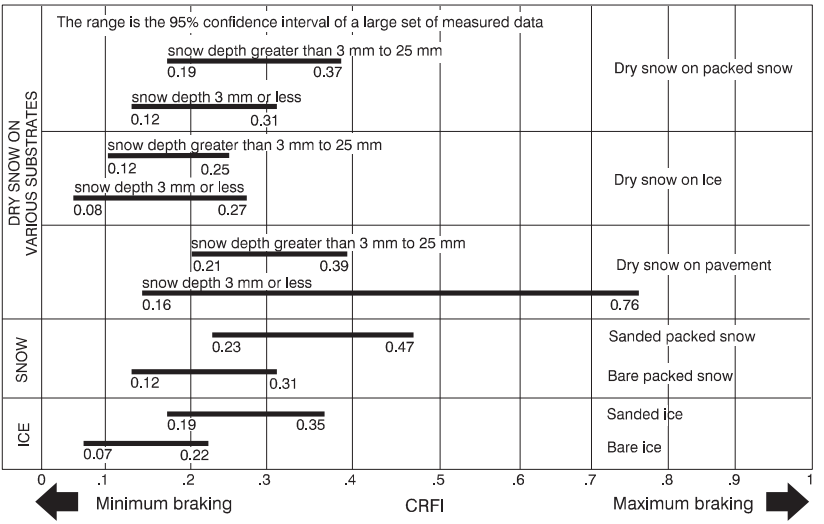
Wind-degree		Permissible Wind Speeds
90-degrees	(0.2 x 50 Kt stalling speed)	10Kt
60-degrees	Using cross-wind component graph	12Kt
30-degrees	Using cross-wind component graph	20Kt
15-degrees	Using cross-wind component graph	38Kt

CROSS WIND LIMITS FOR CRFI

CANADIAN RUNWAY FRICTION INDEX



RUNWAY SURFACE CONDITION (RSC) AND CRFI EQUIVALENT



MINIMUM AND MAXIMUM CRFIs FOR VARIOUS SURFACES

SURFACE	LOWER CRFI LIMIT	UPPER CRFI LIMIT
Bare Ice	No Limit	0.3
Bare Packed Snow	0.1	0.4
Sanded Ice	0.1	0.4
Sanded Packed Snow	0.1	0.5
Dry Snow on Ice (depth 3 mm or less)	No limit	0.4
Dry Snow on Ice (depth 3 mm to 25 mm)	No limit	0.4
Dry Snow on Packed Snow (depth 3 mm or less)	0.1	0.4
Dry Snow on Packed Snow (depth 3mm to 25 mm)	0.1	0.4
Dry Snow on Pavement (depth 3 mm or less)	0.1	Dry Pavement
Dry Snow on Pavement (depth 3 mm to 25 mm)	0.1	Dry Pavement

RUNWAY SURFACE CONDITION (RSC) NOTAM

RSC NOTAM are issued to alert pilots to natural surface contaminants, such as snow, ice or slush, which could affect aircraft braking performance. The RSC section of the report provides runway surface information describing the runway condition in abbreviated plain language, while the CRFI section describes braking action quantitatively using numerical format as described in section TC AIM AIR.

Where runway information is reported in thirds, a runway condition code (RWYCC) is reported for each third. RWYCCs are on a scale of 0 to 6, where 0 represents the most slippery conditions and 6 represents dry runway performance.

RSC NOTAM are issued when contaminants are present on a movement area as follows:

(a) at the commencement of published AMSCR hours;

(b) a minimum of once every eight hours thereafter for certified aerodromes;

(c) when a significant change in a runway surface condition occurs;

(d) following every accident or incident in which winter conditions may have been a factor; and

(e) whenever the cleared width of the runway falls below full width.

RUNWAY SURFACE CONDITION (RSC) NOTAM (Cont'd)

When available, a CRFI reading will be issued along with the RSC in order to provide an overall descriptive picture of the runway condition and to quantify braking action.

Due to mechanical and operational limitations, runway friction readings produced by decelerometer devices may result in inaccurate readings under certain surface conditions. As a result, runway friction readings will only be taken and a CRFI will only be provided to air traffic services (ATS) or pilots when any of the following conditions are present:

(a) ice;

(b) wet ice consisting of a thin film of water on ice;

(c) compacted snow;

(d) slush on ice;

(e) dry snow not exceeding 2.5cm (1 inch) in depth;

(f) de-icing chemical solution or sand on ice; or

(g) frost.

When available, a CRFI reading will be issued along with the RSC in order to provide an overall descriptive picture of the runway condition.

An RSC NOTAM is also provided when there is a significant change which includes:

(a) any change in RWYCC (if applicable);

(b) a CRFI change of 0.05 or more;

(c) any change in the contaminant type;

(d) any change of 20% or more in the reportable contaminant coverage;

(e) any change in contaminant depth of 1/8 inch for standing water and slush, 1/4 inch for wet snow and 3/4 inch for dry snow;

and

(f) any other information, which according to assessment techniques, is considered to be significant. For example, following the application or removal of sand or chemicals, following snow removal or sweeping, changes in conditions caused by rapid increases or decreases in temperature.

The depth of a deposit is expressed in inches or feet or both. Whole values are used when the depth is above 2 inches (2IN). When the depth is less than 2 inches, fractions are used.

If provided by the Airport Authorities, conditions of taxiways and aprons are disseminated in the RSC NOTAM.

An RSC NOTAM is valid for a maximum of 8 hours for certified aerodromes or a maximum of 24 hours for non-certified aerodromes after which time it is removed from the database.

RSC/CRFI information may be broadcasted on the ATIS or available as a voice advisory from the control tower at controlled aerodromes and from the FSS at uncontrolled aerodromes where airport advisory service or RAAS is provided.

TABLE 1
CANADIAN RUNWAY FRICTION INDEX (CRFI)
RECOMMENDED LANDING DISTANCES
(NO DISCING/REVERSE THRUST)

Reported Canadian Runway Friction Index (CRFI)														
Landing Distance (Feet) Dry Unfactored	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.27	0.25	0.22	0.20	0.18	Landing Field Length (Feet) Dry	
	Recommended Landing Distances (no Discing/Reverse Thrust)												60% Factor	70% Factor
1800	3120	3200	3300	3410	3540	3700	3900	4040	4150	4330	4470	4620	3000	2571
2000	3480	3580	3690	3830	3980	4170	4410	4570	4700	4910	5070	5250	3333	2857
2200	3720	3830	3960	4110	4280	4500	4750	4940	5080	5310	5490	5700	3667	3143
2400	4100	4230	4370	4540	4740	4980	5260	5470	5620	5880	6080	6300	4000	3429
2600	4450	4590	4750	4940	5160	5420	5740	5960	6130	6410	6630	6870	4333	3714
2800	4760	4910	5090	5290	5530	5810	6150	6390	6570	6880	7110	7360	4667	4000
3000	5070	5240	5430	5650	5910	6220	6590	6860	7060	7390	7640	7920	5000	4286
3200	5450	5630	5840	6090	6370	6720	7130	7420	7640	8010	8290	8600	5333	4571
3400	5740	5940	6170	6430	6740	7110	7550	7870	8100	8500	8800	9130	5667	4857
3600	6050	6260	6500	6780	7120	7510	7990	8330	8580	9000	9320	9680	6000	5143
3800	6340	6570	6830	7130	7480	7900	8410	8770	9040	9490	9840	10220	6333	5429
4000	6550	6780	7050	7370	7730	8170	8700	9080	9360	9830	10180	10580	6667	5714

Application of the Canadian Runway Friction Index (CRFI).

1. The recommended landing distances in Table 1 are based on a 95% level of confidence. A 95% level of confidence means that in more than 19 landings out of 20, the stated distance in Table 1 will be conservative for properly executed landings with all systems serviceable on runway surfaces with the reported CRFI.
2. Table 1 will also be conservative for turbojet and turboprop-powered aeroplanes with reverse thrust, and additionally, in the case of turboprop-powered aeroplanes, with the effect obtained from discing.
3. The recommended landing distances in the CRFI Table 1 are based on standard pilot techniques for the minimum distance landings from 50 ft, including a stabilized approach at V_{ref} using a glideslope of 3° to 50 ft or lower, a firm touchdown, minimum delay to nose lowering, minimum delay time to deployment of ground lift dump devices and application of brakes, and sustained maximum antiskid braking until stopped.
4. Landing field length is the landing distance divided by 0.6 (turbojets) or 0.7 (turboprops). If the Aeroplane Flight Manual (AFM) expresses landing performance in terms of landing distance, enter the table from the left-hand column. However, if the AFM expresses landing performance in terms of landing field length, enter the table from one of the right-hand columns, after first verifying which factor has been used in the AFM.

TABLE 2
CANADIAN RUNWAY FRICTION INDEX (CRFI)
RECOMMENDED LANDING DISTANCES
(DISCING/REVERSE THRUST)

Reported Canadian Runway Friction Index (CRFI)														
Landing Distance (Feet) Dry Unfactored	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.27	0.25	0.22	0.20	0.18	Landing Field Length (Feet) Dry	
	Recommended Landing Distances (Discing/Reverse Thrust)												60% Factor	70% Factor
1200	2000	2040	2080	2120	2170	2220	2280	2340	2380	2440	2490	2540	2000	1714
1400	2340	2390	2440	2500	2580	2660	2750	2820	2870	2950	3010	3080	2333	2000
1600	2670	2730	2800	2880	2970	3070	3190	3280	3360	3460	3540	3630	2667	2286
1800	3010	3080	3160	3250	3350	3480	3630	3730	3810	3930	4030	4130	3000	2571
2000	3340	3420	3520	3620	3740	3880	4050	4170	4260	4400	4510	4630	3333	2857
2200	3570	3660	3760	3880	4020	4170	4360	4490	4590	4750	4870	5000	3667	3143
2400	3900	4000	4110	4230	4380	4550	4750	4880	4980	5150	5270	5410	4000	3429
2600	4200	4300	4420	4560	4710	4890	5100	5240	5350	5520	5650	5790	4333	3714
2800	4460	4570	4700	4840	5000	5190	5410	5560	5670	5850	5980	6130	4667	4000
3000	4740	4860	5000	5160	5340	5550	5790	5950	6070	6270	6420	6580	5000	4286
3200	5080	5220	5370	5550	5740	5970	6240	6420	6560	6770	6940	7110	5333	4571
3400	5350	5500	5660	5850	6060	6310	6590	6790	6930	7170	7340	7530	5667	4857
3600	5620	5780	5960	6160	6390	6650	6960	7170	7320	7570	7750	7950	6000	5143
3800	5890	6060	6250	6460	6700	6980	7310	7540	7700	7970	8160	8380	6333	5429
4000	6070	6250	6440	6660	6910	7210	7540	7780	7950	8220	8430	8650	6667	5714

Application of the Canadian Runway Friction Index (CRFI)

1. The recommended landing distances in Table 2 are based on a 95% level of confidence. A 95% level of confidence means that in more than 19 landings out of 20, the stated distance in Table 2 will be conservative for properly executed landings with all systems serviceable on runway surfaces with the reported CRFI.
2. The recommended landing distances in Table 2 take into account the reduction in landing distances obtained with the use of discing and/or reverse thrust capability for a turboprop-powered aeroplane and with the use of reverse thrust for a turbojet-powered aeroplane. Table 2 is based on the Table 1 recommended landing distances with additional calculations that give credit for discing and/or reverse thrust. Representative low values of discing and/or reverse thrust effect have been assumed, hence the data will be conservative for properly executed landings by some aeroplanes with highly effective discing and/or thrust reversing systems.
3. The recommended landing distances in CRFI Table 2 are based on standard pilot techniques for the minimum distance landings from 50 ft, including a stabilized approach at V_{ref} using a glideslope of 3° to 50 ft or lower, a firm touchdown, minimum delay to nose lowering, minimum delay time to deployment of ground lift dump devices and application of brakes and discing and/or reverse thrust, and sustained maximum antiskid braking until stopped. In Table 2, the air distance from the screen height of 50 ft to touchdown and the delay distance from touchdown to the application of full braking remain unchanged from Table 1. The effects of discing/reverse thrust were used only to reduce the stopping distance from the application of full braking to a complete stop.

4. Landing field length is the landing distance divided by 0.6 (turbojets) or 0.7 (turboprops). If the AFM expresses landing performance in terms of landing distance, enter the table from the left-hand column. However, if the AFM expresses landing performance in terms of landing field length, enter the table from one of the right-hand columns, after first verifying which factor has been used in the AFM.

LIGHTING

The **LIGHTING** sub-heading describes the types of runway lighting available for individual runways at land aerodromes and for pads at heliports (heliport lighting systems are described at the end of this section).

In Southern and Northern Domestic Airspace operational runways are identified by two-digit runway number designators followed by "L", "R" or "C" if required. For land aerodrome lighting, the individual runway designator is followed by a short dash and approach lighting, then by threshold and runway lighting within parentheses, and finally by visual approach system types. All of these are in coded form and can be identified by using the legend. Runways are listed in pairs and by increasing order of designators, e.g., 05L-23R, 05R-23L, and 10-28.

At some aerodromes the lighting systems may be left on continuously, however many aerodromes are lighted only on request or by radio (ARCAL). The method and times of operation are therefore described for non-continous systems.

Aerodrome Beacon: At some aerodromes the aerodrome beacon is also operated by the ARCAL system. At these sites the aerodrome beacon may therefore be selected "ON" by keying the microphone in the sequence specified in this Supplement for activating the type J or type K ARCAL system. The aerodrome beacon will then commence the 15 minute timed operating cycle with the other aerodrome lighting.

Some aerodromes may use retro-reflective markers in place of lights to mark the edges of a runway or helipad. A fixed white light or strobe light will be installed at each end of the runway to assist pilots in locating and aligning the aircraft with the runway, so that the aircraft landing lights will be reflected by the markers. Retro-reflective markers are indicated by the code "RR".

LIGHTING	05-AD(TE ME) V1, 23-AD(TE ME) 09-AD(TE HI), 27-AD AS(TE HI) V2, 13-AD(TE ME), 31-AD(TE ME) P2 2.5° ARCAL-122.8 type J

VASIS & PAPI-Apch angle shown when different than 3°; Operational dist from Thld shown when less than 4NM

Aircraft Radio Control of Aerodrome Lighting

AIRCRAFT RADIO CONTROL OF AERODROME LIGHTING (ARCAL)

Type J To operate all aerodrome lighting for duration of approximately 15 minutes key microphone 5 times within 5 seconds. The timing cycle may be restarted at anytime by repeating the keying sequence.

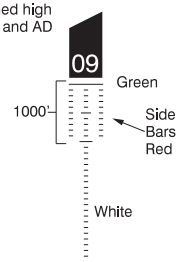
NOTE: Some systems will indicate when the duration period is over by flashing once, then remaining on for a further 2 minutes before extinguishing completely. Other systems offer no indication that the period is ending. The control system may operate H24 or between sunset and sunrise.

Type K To operate all aerodrome lighting for a duration of approximately 15 minutes, key microphone 7 times initially. This will ensure all lights are on maximum intensity. The intensity may be adjusted up or down to any one of three settings by keying the microphone 7, 5, or 3 times within 5 seconds for high, medium, or low intensity settings respectively. The timing cycle may be restarted at any time by repeating the initial keying sequence. Where Runway Identification Lights (code AS) are available, keying the microphone three times on the appropriate frequency will turn them off.

APPROACH LIGHTING

AC CENTRE ROW

CATEGORY II
HIGH INTENSITY
(Combined high intensity and AD system)



MINIMUM LENGTH 2400'

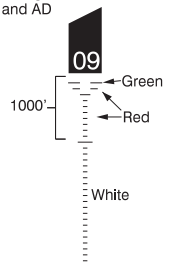
AD CENTRE ROW

LOW INTENSITY

MINIMUM LENGTH 2400'

AE CENTRE ROW

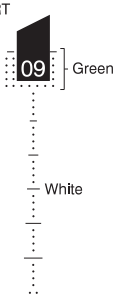
CATEGORY I
HIGH INTENSITY
(Combined high intensity and AD system)



MINIMUM LENGTH 2400'

AF CENTRE ROW

MODIFIED CALVERT
HIGH INTENSITY
(Combined high intensity and AD system)

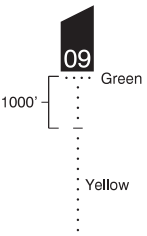


NOTE:
Threshold outline in GREEN at DND Bases only.

MINIMUM LENGTH 2400'
SF lights may or may not be installed in outer 2000'

AJ CENTRE ROW

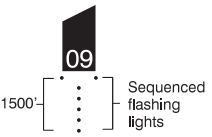
LOW INTENSITY



MINIMUM LENGTH 2400'
SF lights may or may not be installed in outer 2000'

AO ODALS

OMNI-DIRECTIONAL
APPROACH LIGHTING
SYSTEM



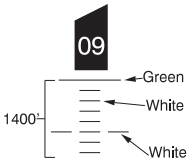
STANDARD LENGTH 1500'

AR MALS

MEDIUM
INTENSITY
APPROACH
LIGHT
SYSTEM

AW SSALS

HIGH INTENSITY



STANDARD LENGTH 1400'

AS RUNWAY THRESHOLD IDENTIFICATION LIGHTS

(UNI-DIRECTIONAL FLASHING STROBE LIGHTS)

AZ VISUAL ALIGNMENT GUIDANCE SYSTEM AND RUNWAY IDENTIFICATION LIGHTS

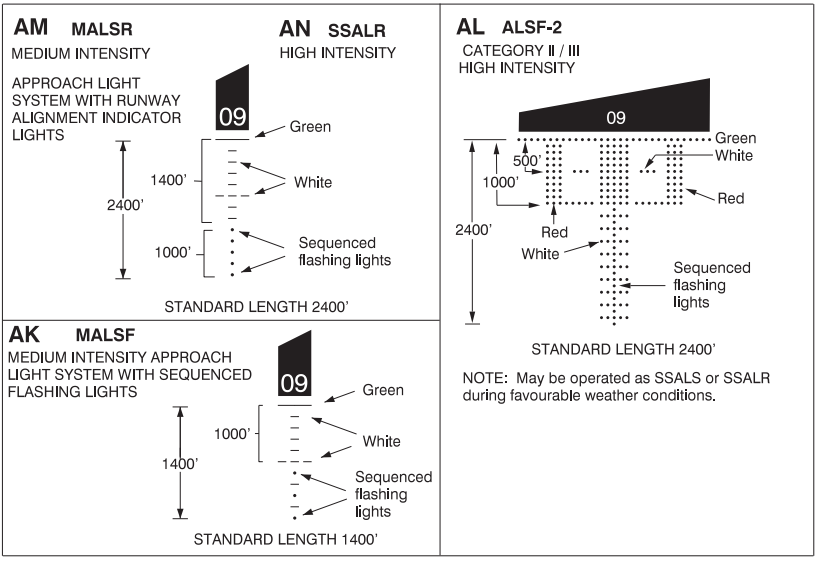
(UNI-DIRECTIONAL ROTATING BEAMS CREATING FLASHING EFFECT)

SF

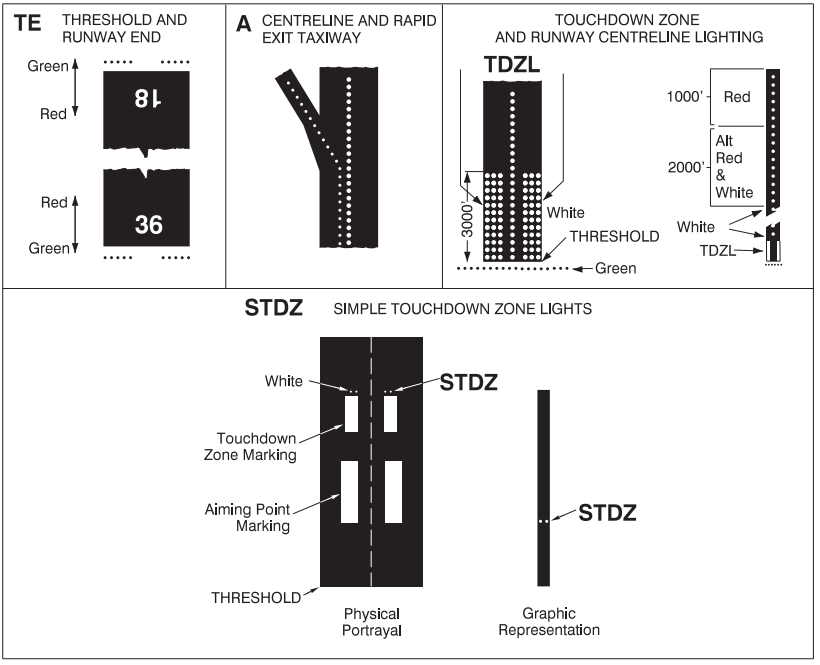
Sequenced flashing strobe lights installed in the approach lighting at some aerodromes. System includes runway identification lights.

LIGHTING SYMBOLS **NOT** SHOWN TO SCALE ON SKETCHES

APPROACH LIGHTING



THRESHOLD AND RUNWAY LIGHTING



RUNWAY LIGHTING CODES

T	By itself indicates green threshold lights.	**TDZL**	Touchdown zone lighting.
LO	Low intensity runway lights.	**STDZ**	Simple touchdown zone lighting.
ME	Medium intensity runway edge lights, variable 3 settings.	**CL**	Centreline lighting. High intensity, variable 5 settings.
HI	High intensity runway edge lights, variable 5 settings.	**RR**	Retro-reflective markers

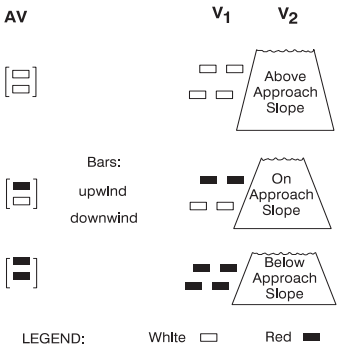
VISUAL GLIDE SLOPE INDICATORS (VGSI)

VISUAL APPROACH SLOPE INDICATOR SYSTEM (VASIS) Ⓥ

BARS MAY BE LOCATED ON EITHER OR BOTH SIDES OF THE RUNWAY (Ref TC AIM AGA).

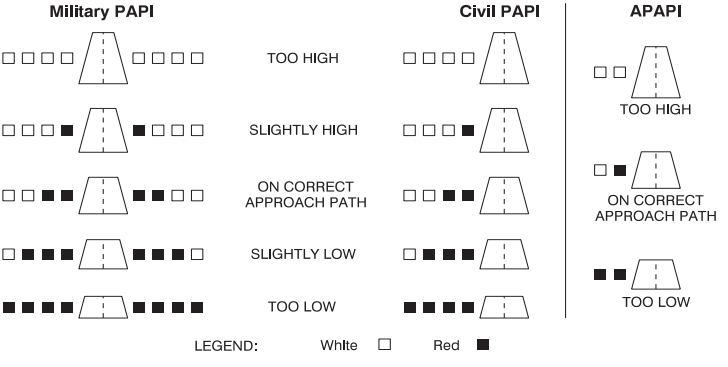
V_1 2 - BAR VASIS for aircraft with eye-to-wheel height up to 10' (DC-3 and smaller).
V_2 2 - BAR VASIS for aircraft with eye-to-wheel height up to 25' (DC-8 and smaller).
AV AVASIS - Abbreviated VASIS for aircraft with eye-to-wheel height up to 10' (shown in brackets, 2 light units).

TWO BAR VASIS



PRECISION APPROACH PATH INDICATOR (PAPI) Ⓟ

P_1 PAPI for aircraft with eye-to wheel height up to 10'.
P_2 PAPI for aircraft with eye-to-wheel height up to 25'.
P_3 PAPI for aircraft with eye-to-wheel height up to 45'.
A_P APAPI - Abbreviated PAPI for aircraft with eye-to-wheel height up to 10'.

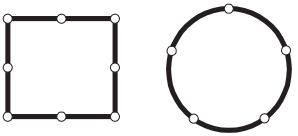


HELIPORT LIGHTING

DR- Approach and Departure Direction Lights (optional)

5 yellow or white omni-directional or sequenced flashing lights used to help avoid obstructions or noise sensitive areas.

RY- Touchdown and lift off area (TLOF) yellow perimeter lights

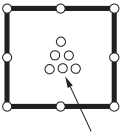


RF- Touchdown and lift off area (TLOF) floodlighting

NOTE: Perimeter lighting or reflective tape may be added to floodlighting

RW- Final Approach and Take-off Area (FATO)

White or Green



Aiming point marked with red lights

INTENSITY/TYPE

TLOF/FATO edge lights
LO - Low intensity
ME - Medium intensity (variable 3 settings)
HI - High intensity (variable 3 settings)

Floodlighting
FH - High Mount
FL - Low Mount
FP - Floodlighting Portable

RR- Retro-reflective markers
LED- Light Emitting Diodes

COMMUNICATIONS (COMM)

The term "(bil)" when placed after the term "COMM" indicates that all services listed below are offered bilingually. When bilingual services are limited, the term "(bil)" will precede the appropriate service.

FREQUENCIES:

A frequency followed by an "X" means the frequency can be requested through the control agency under which it is listed. If there are other limitations placed upon availability of frequencies, these will be indicated. Frequencies published followed by the letter "T" or "R" indicate that the facility will only transmit or receive respectively on that frequency; when followed by the letter "P" the frequency is a back-up for precision approach radar (see "NAVIGATION" section for this legend). When VHF frequencies are quoted to three places of decimals it indicates 25KHZ separation. HF frequencies used by the Canadian Flight Service Stations are capable of SSB J3E emission only. Frequencies printed in bold type indicate a high altitude frequency (starting at FL180 and above, unless otherwise indicated).

EMERGENCY FREQUENCIES:

Within this Supplement emergency frequencies are listed within this directory as (V) indicating 121.5 (U) indicating 243.0 and (E) indicating 121.5 and 243.0.

All services bilingual

Bilingual services at these facilities

COMM	(bil)
RADIO	(bil) 122.2 236.1 PTC avbl (E) (emerg only 867-979-5685)
RCO	Goose rdo 126.9 (RAAS) 126.7 (FISE)
DRCO	Goose rdo 126.9 (RAAS) 126.7 (FISE) 236.1 (FISE)
ATIS	114.8 124.6 1-877-517-ATIS (2847)
CLNC DEL	121.4
APRON	122.4
GND	121.9
GND ADV	121.9
TWR	118.7 124.0 (inbound) 226.5
MF	radio 118.7 04-12Z‡ 5NM 3100 ASL (CAR 602.98)
ATF	unicom ltd hrs O/T tfc 122.8 5NM 4000 ASL
TML	(bil) 124.65 **134.475**
ARR	(bil) 120.8 352.7
DEP	(bil) 120.5 363.8
VFR ADV	terminal 125.2
PAL	Sumspot Ctr 125.9 308.3
UNICOM	122.8
APRT RDO	122.1 (V) 14-06Z‡
A/G	4895
MIL	Wing Ops 264.6
VDF	118.7
UDF	227.6 (U)
INTL AIR	6350 (Selcal)
AWOS	124.7
LWIS	128.7
AUTO	122.025
PMSV	344.6

"call sign"

International Air Carrier

SUMSPOT CENTRE

127.0 133.675 **132.175** 132.475 **132.475**
Sault Ste. Marie 132.65 **134.425** **227.3** 344.5

Peripheral station

Bold indicates High Altitude frequency (starting at FL180 and above, unless otherwise indicated).

Light type indicates Low Altitude frequency

SUMSPOT FSS – RCO

Moosonee 122.5 (RAAS) 12-02Z‡ (N51 17 W80 38)
Muskoka 122.3 (RAAS) (N44 58 W79 18)

PACIFIC RADIO – RCO (KAMLOOPS FIC)

Abbotsford 122.5 (FISE) 126.7 (bcst) (N49 02 W122 22)
Bella Bella (Campbell Island) 126.7 (FISE) (N52 11 W128 09)

CALL SIGN:

The aerodrome name as published in the CFS is used to form the call sign of an associated ground station. When the aerodrome name is different from the community (location) name, it is published following the community name and separated by an oblique (/). For unique cases where the call sign is different from the aerodrome name, the call sign will be added before the frequency.

Where "tfc" (traffic) is indicated (after the call sign in unique cases), a ground station may not necessarily exist. An advisory broadcast transmission should be made in this instance.

FLIGHT ADVISORY AND INFORMATION SERVICE:

NAV CANADA operates flight service stations and flight information centres that provide flight advisory and information services to enhance flight safety and efficiency. These services are obtained by calling the appropriate FSS or FIC followed by the word RADIO. The services provided by FSSs and FICs are listed below. Details concerning these services are presented in TC AIM RAC.

(a) Flight service stations and flight information centres **(RADIO)**

FSSs are located at selected aerodromes across Canada. They provide airport advisory service, vehicle control service and VHF direction finding. These services are primarily intended for the arrival and departure phases of a flight to an aerodrome within an MF area, and for transit through an MF area, served by an FSS.

FICs are established at various locations across Canada. They provide pilot briefing service, flight information service en route (FISE), aeronautical broadcast service, VFR flight plan alerting service and flight regularity message service. These services are intended for pre-flight planning and for the en route phase of flight.

FSSs and FICs provide alerting emergency assistance service and NOTAM information service. Selected units may also provide remote aerodrome advisory service (RAAS), vehicle advisory service and weather observation service.

Pre-Taxi Clearance

Pilots can receive pre-taxi clearance information (PTC) well ahead of their proposed time of departure for the entry of clearance information into their FMS, allowing for “heads-up” operations during taxi operations.

Pilots will receive clearance validation or an amended clearance when ready to taxi. Pilots must ensure that they have received clearance validation prior to take off. Availability of PTC is indicated by “PTC avbl” after the appropriate COMM frequency.

(b) Remote Communications Outlet **(RCO)**

A remote communications outlet (RCO) is a transceiver remotely established from an FSS or FIC for the provision of communications between aircraft and the FSS or FIC. An RCO enables an FSS to provide RAAS for aerodromes located within an MF area and an FIC to provide FISE on a FISE frequency.

At FISE RCO sites where a FISE frequency and 126.7 (bcst) are indicated, the 126.7 MHz frequency is unmonitored and inactive. However, 126.7 MHz communications equipment is available at these RCO sites and flight service specialists at the FIC will selectively activate the 126.7 MHz RCO transceiver when required in order to provide the aeronautical broadcasting service (SIGMET, urgent PIREP safety messages) or to conduct communication searches for overdue aircraft. When the 126.7 MHz transceiver is selected, the FISE transceiver is activated also for simultaneous broadcast on both frequencies.

At aerodromes where RAAS is provided part-time, during the hours that RAAS is not provided,

information required to conduct an instrument approach (wind direction/speed, altimeter setting, runway condition), special VFR approvals (for sites within control zones) and IFR departure clearances, may be obtained from the FIC via the FISE RCO frequency or from the ACC via the PAL frequency, as appropriate. In addition, when RAAS is not provided, vehicles operators will be monitoring the MF while on the manoeuvring area of the aerodrome. Pilots will communicate directly with the vehicle operators to obtain the vehicle's position and operator intentions for coordinating the aircraft's arrival or departure. An RCO may also be used to accept position reports and relay ATC clearances.

NOTE: See TC AIM RAC for details.

(c) Dial-up Remote Communications Outlet **(DRCO)**

A DRCO is a standard RCO which has had a dial-up unit installed to connect the pilot with a flight information centre via a commercial telephone line. The line is "opened" or “activated” by the pilot or by the flight information centre.

Activation of the system by the pilot is accomplished via the aircraft radio transmitter by keying the microphone button 4 times with a deliberate and constant action on the published DRCO frequency. The microphone push-to-talk button should be held down a fraction of a second (1/4 is optimum) for each keying action with no more than 1 second between each action. The entire process should take slightly less than 10 seconds. The remote dial-up unit is designed to accept this constant and deliberate action to reduce the possibility of inadvertent activation from other sources. Consequently, if a microphone is keyed more than 4 times or too rapidly (or too slowly), the system will not activate.

Once the communication link has been established, the DRCO equipment will answer the pilot with a pre-recorded voice message: “Link Established”. The link can only be deactivated by the ATS unit.

Activation of the DRCO - Pilot Procedures

(i) Select the published RCO frequency on the aircraft radio transceiver.

(ii) Key the radio microphone distinctly 4 times in a row, with no more than 1 second between each keying. If the keying procedure is successful, the pilot will hear a dial tone, signalling pulses (e.g., touch tones), and finally a ringing signal (see Note).
If the keying procedure has been successful, but the line is not available, the equipment will automatically disconnect, and the message "Try Again" will be broadcast.

(iii) Wait for the DRCO equipment to answer with the pre-recorded voice message "Link Established". This reply confirms that the phone link with ATS has been established. The pilot must now initiate the radio conversation as per standard radiotelephony practices e.g., "Quebec Radio, this is CESSNA GOLF ALFA DELTA TANGO, over". It is important to note that the ATS Specialist may be performing other duties (e.g., working on another frequency or taking a weather observation) and may not be able to acknowledge the pilot's radio call right away.

(iv) The RCO line can only be disconnected by the ATS unit.

(v) A "Call Terminated" message indicates that the telephone line has been inadvertently disconnected.

NOTE:If the dial tone, signalling, and ringing are not heard, the pilot can assume that either:

(i) the RCO is not within the radio range of the aircraft's transceiver; or

(ii) the RCO line has already been opened, and there is a pause in the communication between the pilot of another aircraft and the ATS unit. The pilot may assume that the line is open and attempt to initiate communications with ATS.

If no reply is received from ATS within a reasonable time interval, the pilot should attempt the keying procedure when in closer proximity to the RCO site.

MANDATORY FREQUENCY **(MF):**

The designation of an MF Area is indicated by the **MF** entry, e.g.,

COMM	
MF	radio 118.7 04-12Z‡ 5NM 3100 ASL (CAR 602.98)

Within MF Areas, MF Reporting Requirements (CAR 602.98) are mandatory.

Transport Canada has designated a Mandatory Frequency (MF) for use at selected uncontrolled aerodromes or aerodromes that are uncontrolled between certain hours. Aircraft operating within the area in which MF is applicable (MF area), on the ground or in the air, shall be equipped with a functioning radio capable of maintaining two-way communication, and specified reporting procedures shall be followed.

An MF area will be established at an aerodrome if the traffic volume and mix of aircraft traffic at that aerodrome is such that there would be a safety benefit derived from implementing MF procedures. There may or may not be a ground station in operation at the aerodrome for which the MF area has been established. When a ground station is in operation, for example an FSS, an RCO through which RAAS is provided, a CARS or an approach UNICOM (AU) then all aircraft reports that are required for operating within, and prior to entering an MF area, shall be directed to the ground station. However, when the ground station is not in operation, then all aircraft reports that are required for operating within, and prior to entering an MF area, shall be broadcast.

The radius from the aerodrome centre and the vertical limit of the airspace above sea level (ASL) within which the Mandatory Frequency (MF) applies will also be shown in the **MF** entry.

GROUND ADVISORY FREQUENCY (**GND ADV**)

At aerodromes where a MF is located and the volume of traffic is such that a second frequency is needed to alleviate frequency congestion, the Minister may exempt pilots from the requirements of CAR 602.97(2), 602.98(1) and 602.99 and specify airport operating restrictions in the Canada Flight Supplement (CFS) for use of a ground advisory (GND ADV) frequency; used for the provision of traffic information, pre-taxi clearances and other advisory information.

Pilots must still adhere to CAR 602.100 to 602.103 inclusive.

AERODROME TRAFFIC FREQUENCY **(ATF):**

An Aerodrome Traffic Frequency (ATF) is published in the Supplements and is normally designated for active, uncontrolled aerodromes that do not meet the criteria for mandatory frequencies. This is to ensure that all radio equipped aircraft operating on the ground or within the specified (ATF) area, are listening on a common frequency and following a common reporting procedure.

The ATF will normally be the frequency of the ground station (UNICOM or airport radio) where one exists or 123.2 MHz where a ground station does not exist.

The radius from the aerodrome center and the vertical limit of the airspace above sea level (ASL) within which the ATF applies, will be shown in the **COMM** sub-heading.

MF/ATF INITIAL CONTACT ON ARRIVAL:

In accordance with CAR 602.97 (1) and (2), the pilot-in-command of a VFR or IFR radio-equipped aircraft operating within an MF area shall maintain a listening watch on the mandatory frequency specified for use in the MF area.

In accordance with CAR 602.101 (a), the pilot-in-command of a VFR aircraft arriving at an uncontrolled aerodrome that lies within an MF shall report before entering the MF area and, where circumstances permit, shall do so at least five minutes before entering the area, giving the aircraft's position, altitude and estimated time of landing and the pilot-in-command's arrival procedure intentions.

In accordance with CAR 602.104 (2) (a) (i), the pilot-in-command of an IFR aircraft who intends to conduct an approach to or a landing at an uncontrolled aerodrome, shall report the pilot-in-command's intentions regarding the operation of the aircraft five minutes before the estimated time of commencing the approach procedure, stating the estimated time of landing.

These procedures should also apply to aerodromes with ATF frequency.

UNCONTROLLED AERODROMES WITHOUT A PUBLISHED **ATF**:

Where no ATF has been published in the Supplements, the common frequency for the broadcast of aircraft position and pilot intentions when flying in the vicinity of an uncontrolled aerodrome is 123.2 MHz.

A92 GENERAL

UNICOM:

Universal Communications (UNICOM) is an air-ground communications facility operated by a private agency to provide Private Advisory Station (PAS) service at uncontrolled aerodromes. At these locations the choice of frequencies are 122.7, 122.8, 123.0, 123.3, 123.5, 122.35, 122.95, 123.35, 122.725, 122.775 and 122.825 MHz.

The use of all information received from a UNICOM station is entirely at the discretion of the pilot. The frequencies are published in aeronautical information publications as a service to pilots, but Transport Canada takes no responsibility for the use made of a UNICOM frequency.

An approach UNICOM (AU) is an air-ground communications service that can provide approach and landing information to IFR pilots. The meteorological service provider is required to ensure that:

(a) meteorological instruments used to provide the approach and landing information meet the requirements stipulated under CAR 804.01(1)(c) or the applicable exemption; and

(b) UNICOM operators meet the training requirements stipulated under CAR 804.01(1)(c) or the applicable exemption.

Where the above standards are met, the AU operator may provide a station altimeter setting for the conduct of an instrument procedure. The wind speed and direction for the conduct of a straight-in landing from an instrument approach, may or may not be provided at those facilities. Refer to the FLT PLN WX section to determine availability of wind speed and direction as well as altimeter settings from AU services.

Operators providing AU services may also advise pilots of the runway condition and the position of vehicles or aircraft on the manoeuvring area.

An AU will be indicated as "UNICOM (AU)" in the Canada Air Pilot and the Canada Flight Supplement.

AIRPORT RADIO **(APRT RDO):**

Airport Radio service is provided by Observer/Communicators (O/Cs) who are certified to conduct aviation weather observations and radio communications to facilitate aircraft departures and arrivals (O/Cs are authorized to provide an altimeter setting for an instrument approach) at uncontrolled aerodromes (see TC AIM RAC).

SOARING ACTIVITIES:

The frequency 123.4 MHz is allocated to soaring activities which include balloons, gliders, sailplanes, ultralights and hang gliders. It may also be designated as an ATF at aerodromes operated primarily for the purpose of soaring.

MILITARY FLIGHT ADVISORY UNIT (MFAU):

The designation of an MFAU is indicated by the MF entry at MIL A/D's, e.g.:

COMM	
MF	Namao advsy 118.0 ltd hrs O/T tfc 118.0 5 NM 3400 ASL

DND operates MFAU, which provide flight information services that enhance flight safety and efficiency. These services are available by calling the appropriate station, followed by "Advisory" (i.e. "Namao Advisory"). MFAU provide enroute flight information, airport advisory, ground control, field condition reports, flight planning, alerting service, navigation assistance, NOTAMs, PIREPs, and weather reports. An MFAU may be used to accept and relay VFR and IFR position reports and ATC clearances.

MFAUs provide positive Ground Control - This is different than vehicle control as it also applies to aircraft on the ground. They also provide visual signals to aircraft in flight. The visual signals carry the same meaning as detailed in the TC AIM; however, they are accepted at pilots discretion. They are not control instructions; they are advisory only.

NAVIGATION (NAV)

Elevation (ASL) of navigational facility antenna when available

Subject to unscheduled outages without NOTAM

Auxiliary code

Non NAV CANADA/DND facility

NAV	
NDB	X 385 (TL) N43 44 17 W79 34 18 Pvt Unmonitored
	UPLANDS (YUP) 352 (M) N45 13 45 W75 29 36
VOR/DME	YYZ 112.15 Ch 58(Y) N43 39 29 W79 37 54 (541´)
VORTAC	SSM 112.2 Ch 59 N46 24 43 W84 18 53 (1770´)
DME	PLL 110.75 Ch 44(Y) N53 18 37 W110 04 53 (2210')
TACAN	UMJ Ch 36 N50 19 51 W105 33 43
ILS	IOW 109.5 (Rwy 07) RVR
PAR	119.0 134.1 226.3 289.4 304.6 341.3 378.5 352 (E)

Channel paired with DME frequency in "X" mode unless "Y" mode indicated by (Y). Refer to Section D for DME Frequency Pairing Plan.

NOTE: For any NAVAID located within NDA, magnetic variation is not applicable; any VOR or TACAN located within NDA is oriented to True North.

LISTING OF NAVIGATION FACILITIES

All navigation facilities are listed in Section D, Radio Navigation and Communications, under **RADIO NAVIGATION AIDS BY INDICATOR**.

Navigation facilities that are associated with an aerodrome, in that they serve as instrument approach aids, have the same name, or are within 5NM of the aerodrome, are also listed under the **NAV** sub-heading for that aerodrome. Facilities located farther than 5NM from an aerodrome which provide an operational advantage (i.e., remote aerodrome) may also be listed under the **NAV** sub-heading. However, no navigation facility is listed under the **NAV** sub-heading if it exceeds 25NM from the A/D, unless it is used for an IAP.

Navigation facilities which do not fit into these categories are listed in Section D, Radio Navigation and Communications, under **RADIO NAVIGATION AIDS BY LOCATION**.

NOTE: Pilots wishing to use geographic coordinates in decimal format can refer to Section D under **RADIO NAVIGATION AIDS BY INDICATOR**.

AUXILIARY CODES:

LISTING OF NAVIGATION FACILITIES (Cont'd)

These codes may appear after frequencies of navigation facilities either singly or in multiples and signify the following:

A	ATIS (Automatic Terminal Information Service)
T	An ATC agency (except PAR) can transmit on this navigation frequency but not receive
L	NDB power output less than 50 watts
M	NDB power output 50 to less than 2000 watts
H	NDB power output 2000 watts or more
Z	75MHz station location marker or fan marker

PRECISION APPROACH RADAR **(PAR):**

All military PAR's operate continuously during Instrument Metereological conditions unless otherwise indicated.

PROCEDURES (PRO)

PRO **HELI** **NOISE**	Arr 2000 ASL, dep 1500 ASL. Ski ops proh. Use Heli routes as depicted on Montréal VTPC or as directed by ATC. Noise Operating Criteria (CAR 602.105): A. Rwy 11 preferential. B. Dep rwy 29: climb on rwy centreline til 1000 ASL. C. Touch & go landings rwy 29 are not permitted btwn 23-06 (lcl time). Noise Restricted Runway (CAR 602.106): Circuits rwy 29, climb on rwy centreline, left turn to follow the P-line & route 337 til abeam shopping centre, then left turn downwind for circuit rwy 29.

Helicopter procedures

Noise Operating Criteria/ Noise Restricted Runway

The **PRO** sub-heading deals with circuit patterns and heights, specific VFR routes within zones, restrictions to certain types of traffic, other aerial activities within zones, specific helicopter procedures and Noise Operating Criteria/Noise Restricted Runway.

Operating restrictions that are specified by the Minister in order to comply with Airport Certificate issued for the aerodrome/heliport will be indicated by (CAR 602.96).

Circuits are left hand patterns unless mandatory right hand patterns are specified (CAR 602.96), e.g.,

PRO	Rgt hand circuits rwys 22, 28 & 34 (CAR 602.96)

Regulatory Noise Operating Criteria and/or Noise Restricted Runway are indicated by (CAR 602.105) or (CAR 602.106) respectively. For further information on Mandatory Noise Operating Criteria and/or Noise Restricted Runway, refer to AIP AD 2.21.

Approach/departure pathways are identified by arr/dep bearing(s) from heliport, slope in percent (if provided), classification (H1, H2 or H3) and any other restrictions.

Heliport Classification:

H1: Helicopters permitted to use an H1 heliport (arr/dep) shall be multi-engined and capable of remaining at least 4.5 m (15 feet) above all obstacles within the approach/departure area when operating in accordance with their Aircraft Flight Manual with one engine inoperative.

H2: Helicopters permitted to use an H2 heliport (arr/dep) shall be multi-engined.

H3: H3 heliport (arr/dep) available for single-engined or multi-engined helicopters.

This sub-heading is used in conjunction with the Aerodrome Sketch and with the VFR Terminal Procedures Chart (VTPC) when one is provided.

PRO	Arr/dep 053° & 233° fr heli, slope 16% (H2) Arr/dep 270° to 040°, slope 4.5% (H1) Arr/dep 105° fr heli, slope 6% (H3), day use only Arr/dep 356° fr heli, slope 12% (H2), day/night use Arr/dep 140° fr heli, slope 12% (H2), NVIS rqrd for night use (CAR 602.96)

CAUTION

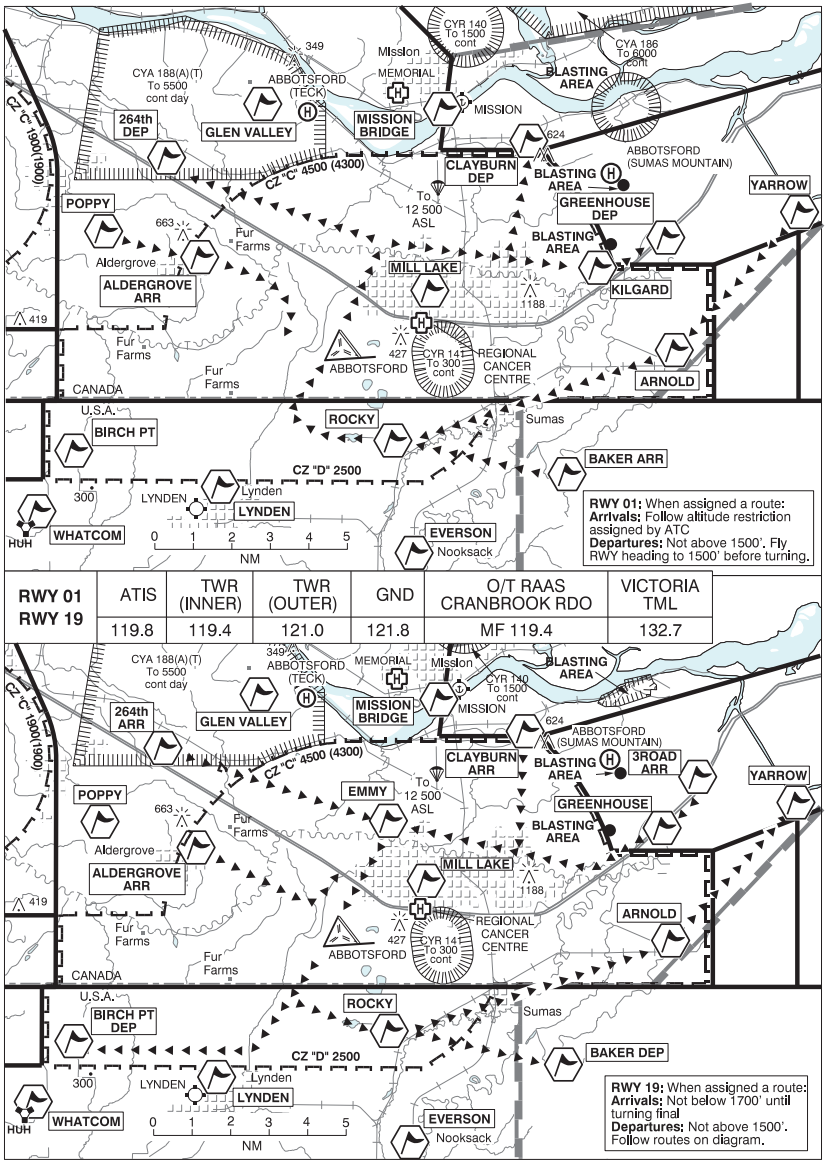
Brief information describing conditions of a permanent (90 days or more) nature, regarding aeronautical facilities or hazards, knowledge of which is essential for the safe operation of aircraft.

INTENTIONALLY

LEFT

BLANK

ABBOTSFORD VFR TERMINAL PROCEDURES CHART RWY 01 & 19



RWY 01 RWY 19	ATIS	TWR (INNER)	TWR (OUTER)	GND	O/T RAAS CRANBROOK RDO	VICTORIA TML
	119.8	119.4	121.0	121.8	MF 119.4	132.7

ABBOTSFORD VFR TERMINAL PROCEDURES CHART RWY 01 & 19 (Cont'd)

NAME	IDENT	LAT/LONG
264th	VCXYZ	N49° 06' 06" W122° 29' 36"
3ROAD	VCTRD	N49° 05' 23" W122° 07' 29"
ALDERGROVE	VCGRV	N49° 03' 30" W122° 28' 12"
ARNOLD	VCARN	N49° 01' 00" W122° 09' 00"
BAKER	VCBKR	N48° 57' 42" W122° 13' 24"
BIRCH POINT	VCBPT	N48° 56' 36" W122° 49' 06"
CLAYBURN	VCCYB	N49° 06' 36" W122° 14' 54"
EMMY	VCEMY	N49° 04' 12" W122° 20' 26"
EVERSON	VCEVR	N48° 55' 48" W122° 19' 24"
GLEN VALLEY	VCGLN	N49° 07' 36" W122° 25' 42"
GREENHOUSE	VCGRE	N49° 04' 00" W122° 09' 18"
KILGARD	VCKLH	N49° 03' 12" W122° 12' 06"
LYNDEN	VCLDN	N48° 57' 24" W122° 27' 24"
MILL LAKE	VCMLK	N49° 02' 36" W122° 18' 54"
MISSION BRIDGE	VCMSB	N49° 07' 24" W122° 18' 24"
POPPY	VCPPY	N49° 04' 12" W122° 32' 12"
ROCKY	VCRKY	N48° 58' 36" W122° 20' 24"
WHATCOM	VCWCM	N48° 56' 43" W122° 34' 45"
YARROW	VCYAR	N49° 04' 50" W122° 03' 53"

ARRIVALS

Obtain ATIS on 119.8 – contact tower on 121.0 when advertised.

RWY 01 - No altitude restriction unless assigned by ATC

ALDERGROVE - Fly direct the airport, join left downwind RWY 01.
BAKER - Fly direct ROCKY. Join right base RWY 01.
YARROW - Fly direct ARNOLD, then ROCKY. Join right base RWY 01.

RWY 19 – All Arrival Routes: Not Below 1700 until turning final.

3ROAD - Fly to GREENHOUSE, follow powerlines westbound. Turn final at EMMY.

Caution: Terrain at KILGARD.

CLAYBURN -Fly southbound to powerlines. Follow powerlines westbound. Turn final at EMMY.
264th - Fly direct EMMY, then turn final. *Do not follow HWY1.
ALDERGROVE - Fly direct airport. Join mid-right downwind RWY 19.

DEPARTURES

All Routes: Not Above 1500 until cleared higher.

RWY 01:

264th - Fly RWY heading to 1500, then turn direct 264th.

CLAYBURN - Fly RWY heading to 1500, then turn eastbound to the Mission Hwy, then direct CLAYBURN.

GREENHOUSE - Fly RWY heading to 1500, then turn direct KILGARD, then GREENHOUSE.

RWY 19:

BIRCH PT - Fly RWY heading until South of US Border. Then direct BIRCH PT.

BAKER - Fly RWY heading until South of US Border. Then direct BAKER.

YARROW - Fly RWY heading until South of US Border, then direct ROCKY, ARNOLD then YARROW.

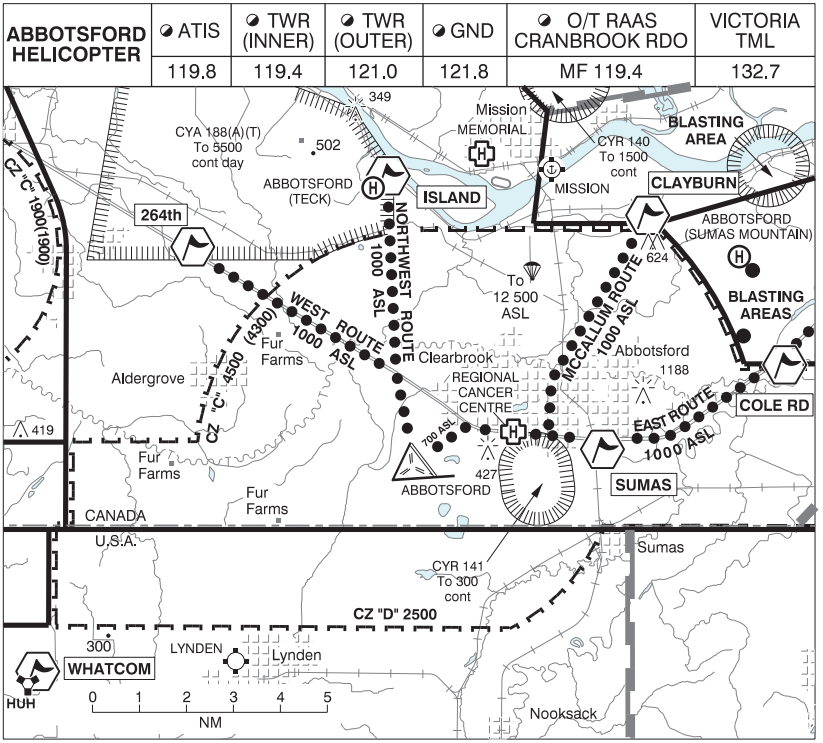
ABBOTSFORD VFR TERMINAL PROCEDURES CHART RWY 01 & 19 (Cont'd)

OBTAINING A TRANSPONDER CODE:
All VFR aircraft arriving/departing/overflying Abbotsford Class C or D airspace require a transponder code. Recommended methods of obtaining transponder code:

- Filing a VFR flight plan
- Contacting Kamloops FIC at 1-866-541-4101
- Contacting Pacific Radio on frequency 122.5 or 126.7
- Via text message through the NAV CANADA Transponder Code Retrieval (TCR) system.

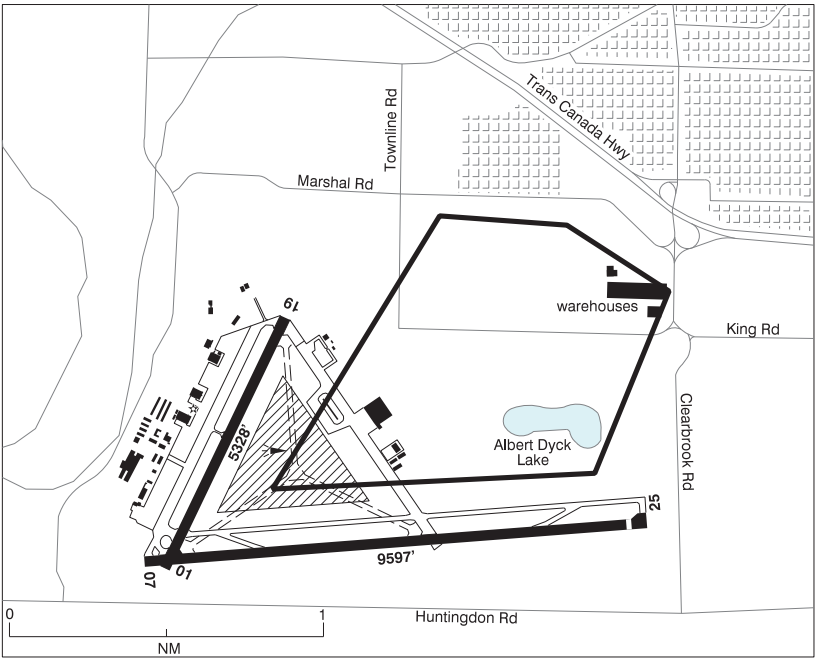
Medium and High-performance aircraft call YXX Tower in advance of requesting VFR training in the area.

ABBOTSFORD HELI VFR TERMINAL PROCEDURES CHART

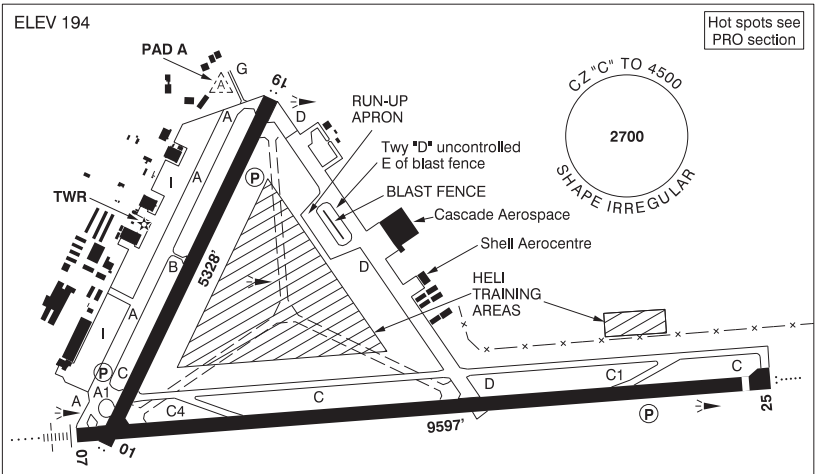


NAME	IDENT	LAT/LONG
264th	VCXYZ	N49° 06' 06" W122° 29' 36"
CLAYBURN	VCCYB	N49° 06' 36" W122° 14' 54"
COLE RD	VCCLE	N49° 03' 46" W122° 10' 08"
ISLAND	VCISL	N49° 07' 40" W122 °23' 09"
SUMAS	VCSUM	N49° 02' 00" W122° 16' 00"
WHATCOM	VCWCM	N48° 56' 43" W122 °34' 45"

ABBOTSFORD HELI VFR TERMINAL PROCEDURES CHART - INFIELD CIRCUIT



ABBOTSFORD BC CYXX



TORA FOR INTERSECTION DEPARTURES		
RWY	INTXN	TORA in ft
01	C	4204

LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO CHART)		
FROM	TO	LDA in ft
Thld Rwy 19	Short of Rwy 07-25	4600
Thld Rwy 25	Short of Rwy 01-19	8400

REF	N49 01 31 W122 21 36 2.2SW 17°E (2014) UTC-8(7) Elev 194´ VTA A5004 LO2 HI3 T1 CAP RCAP
OPR	City of Abbotsford 604-855-1001 1230-0800Z‡ Cert
PF	A-1,2,3,6,7 C-4,5
CUST	AOE/15 888-226-7277 16-08Z‡
FLT PLN	Pilots are to open/close VFR Flt Pln with Kamloops FIC via phone or Pacific rdo 122.5 when practicable.
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Abbotsford Shell Aerocentre
FUEL	MG-1, 100LL, JA (CON S IP JA-1, FSII) 604-854-1964 by truck, self-serve VISA & Mastercard only 778-800-0132.
OIL	All
S	1,2,3,4,5
ARFF	DESIGNATED CAT 7 for all sked acft 20 seats and abv, all other acft 2 hr PN. Ctc 604-864-5544.
JASU	AC/DC 28V 400 amp min
PVT ADV	Abbotsford Shell Aerocentre 122.95 604-854-1964 or 877-270-2010
MIL CON	Abbotsford Shell Aerocentre 604-854-1964

ABBOTSFORD BC (Cont'd) CYXX

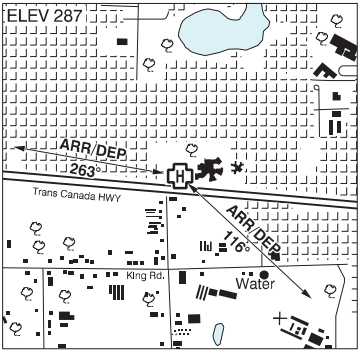
RWY DATA	Rwy 07(069°)/25(249°) 9597x200 ASPH Thld 25 displ 295´. Rwy 01(009°)/19(189°) 5328x200 ASPH
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN V Rwy 01/19 AGN IIIB
TWY CERT	Twy: B, G AGN II Twy D AGN IV
TWY	Twy D uncontrolled E of blast fence. Twy B rstd to acft with wingspans 78' or less. Reverse turns to exit Rwy 07 onto Twy C4 rstd to acft with wingspans 50' or less. Turns onto Twy A from Twy C rstd to acft with wingspans 171' or less. Turns from Twy A onto Twy C rstd to C-130 & smaller (blast issue). Turns west onto Twy C4 and east onto Twy C1 from Twy C rstd to acft with wingspans 133' or less. Twy G uncontrolled.
APRON	Ltd prkg and de-icing dur win ops, all wide body acft 2hr PN ctc ops 604-864-5544. Corporate itinerant prkg ctc Shell Aerocentre.
RCR	Opr Ltd win maint 1400-0730Z‡, O/T 2 hrs PN call out chg. PPR dur win maint exc sked ops, altn or emerg. CRFI, PLR/PCN.
LIGHTING	01-AS(TE ME) P2, 19-AS(TE ME) P2, 07-AN(TE HI), 25-AO(TE HI) P3
COMM	
RCO	Cranbrook rdo 119.4 (RAAS) 07-15Z‡ Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATIS	119.8 1-877-517-2847 15-07Z‡
GND	121.8 15-07Z‡
TWR	119.4 (inner) 121.0 (outer) 295.0 (V) 15-07Z‡ (emerg only 604-855-1199)
MF	MF and advsy svcs only provided over Canadian territory. Cranbrook rdo 119.4 295.0 07-15Z‡ CZ shape irregular 4500 ASL (CAR 602.98) (emerg only 250-426-6312)
PAL	Victoria Tml 132.7 (avail on gnd)
NAV	
DME	YAI 116.1 Ch 108 N49 01 04 W122 22 34 (200')
ILS	IXX 109.7 (Rwy 07) RVR LOC reliable only within 10° either side of centreline.

ABBOTSFORD BC (Cont'd) CYXX

PRO	Rgt hand circuit Rwys 07 & 01 (CAR 602.96). Rwy 01/19, Twy B, C, C1 and C4 not avbl for acft taxiing when visibility below 1/2sm (CAR 602.96) NIGHT RESTRICTIONS: Turbo-jet, turbo-fan and turbo-prop tng not permitted fr 06-15Z‡. All other night tng as authorized by the APM. Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **ATS REQUIREMENTS:** All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows,or call Kamloops FIC at 866-541-4101 or PAC RDO 122.5. - All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary. **VFR ARR/DEP ROUTES:** See VTPC
HELI	When assigned, follow heli routes as depicted on the Heli VTPC. East and McCallum Routes: not above 700 ASL between airport and McCallum Rd. Dep/arr S & SW as cleared by ATC. Heli tng areas day use only. Infield heli tng area, remain at least 400' east of Rwy 01/19 and 400' N of Twy C, 700 ASL & below, ctc ATC for heli circuit procedures.
CAUTION	Numerous obsts in heli tng areas. Parachute area aprx 5NM NNE of aprt. Tall vehicles on road S Thld 01; Ngt ops must use PAPI.

ABBOTSFORD (REGIONAL HOSP & CANCER CENTRE) BC (Heli) CAB5

REF	N49 02 10 W122 18 51 17°E (2012) UTC-8(7) Elev 287' VTA A5004
OPR	Abbotsford Regional Hosp & Cancer Centre 833-900-1516 Cert PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RY(LO) DR



COMM

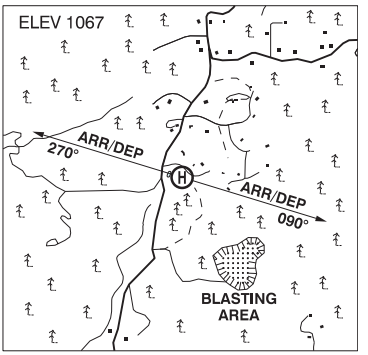
RCO	Cranbrook rdo 119.4 (RAAS) 07-15Z‡ Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATIS	119.8 1-877-517-2847 15-07Z‡
TWR	Abbotsford 119.4 (inner) 121.0 (outer) 15-07Z‡
MF	Cranbrook rdo 119.4 07-15Z‡ CZ shape irregular 2500 ASL (CAR 602.98)
A/G	Hosp Security 158.76 FM 3 min PN

ABBOTSFORD (REGIONAL HOSP & CANCER CENTRE) BC (Heli) (Cont'd) CAB5

PRO	Heli lctd in CYR141. PPR fr Warden Pacific Institute. Ops rstd to acft auth by British Columbia Ambulance Service. Arr/dep 116° fr heli, slope 6% (H2) & 263° fr heli slope 16% (H1).
CAUTION	Trees along edge of flt paths.

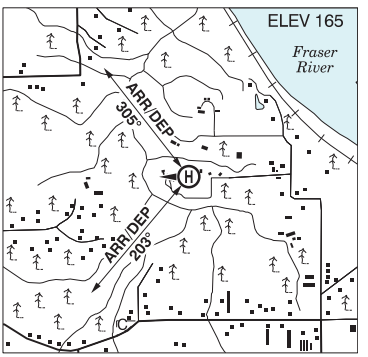
ABBOTSFORD (SUMAS MOUNTAIN) BC (Heli) CSM7

REF	N49 06 18 W122 11 51 4.5NE 17°E (2011) UTC-8(7) Elev 1067' VTA A5004
OPR	Hydra Helicopters Inc. 604-309-8393 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO 60' x 60' CONC TLOF 60' x 60' CONC Safety Area 60' x 60' Opr Day only
COMM ATF	tfc 123.2 1NM 2100 ASL
PRO	Arr/dep 090° or 270° fr heli to avoid overflight of built-up area and steep terrain
CAUTION	Extv tfc transiting E and W over the Fraser River. High trees S, W and N. Blasting area 2NM S. Acft tng area (CYA 182) 4NM E. CYXX CZ 1NM W.



ABBOTSFORD (TECK) BC (Heli) CTK8

REF	N49 07 37 W122 23 41 6NW 17°E (2014) UTC-8(7) Elev 165' VTA A5004
OPR	Tecklenair Aviation Ltd 604-328-7553 Reg PPR
PF	A-1 D-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4
HELI DATA RCR	FATO 35' x 35' GRASS TLOF 15' x 15' GRASS Safety Area 100' x 100' Opr 16-01Z‡
COMM ATF	tfc 122.725 0.5NM 1000 ASL
PRO	Arr/dep 305° & 203° fr heli day only. Within CYA 181 CFA 122.725, see VTA and VTPC.
CAUTION	Extv tfc E and W over the Fraser River and Mission, CYXX CZ 1.5NM SE, see VTPC.



AEROGATE SK — See REGINA / AEROGATE

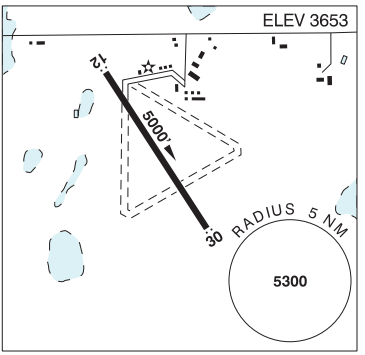
AÉROPARC ÎLE PERROT QC — See MONTRÉAL / AÉROPARC ÎLE PERROT

AERY ON — See REDNERSVILLE / AERY

AGRO 1 AB — See VULCAN / AGRO 1

AHLSTROM AB — See ALHAMBRA / AHLSTROM

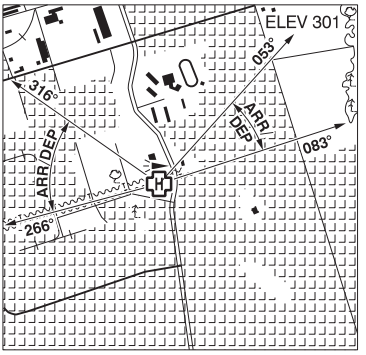
AIRDRIE AB CEF4

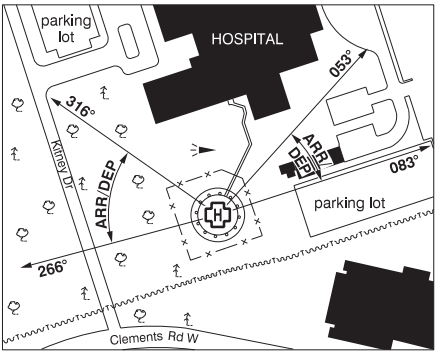


REF	N51 15 50 W113 56 04 2.6SE 15°E (2012) UTC-7(6) Elev 3653´ VTA A5005 LO2 HI3 T1
OPR	Airdrie Airpark Ltd 403-466-7051 or 403-542-2141 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL Self Serve 403-861-4199 or 403-585-7224 No hovering or ldg of helis allowed on twy near fuel tank or by acft tie-down areas; fuelling of helis allowed when towed to fuelling area only.
RWY DATA	Rwy 12(123°)/30(303°) 5000x100 asphalt
RCR	Opr Ltd win maint.
LIGHTING	12-AS(TE LO), 30-AS(TE LO) ARCAL-122.9 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.9 2NM 4800 ASL
PRO	Rgt hand circuit Rwy 30 (CAR 602.96). Circuit hgt 4200 ASL or below. Arr/dep: ctc Calgary advsy 119.4 prior to entering Class "C" airspace.
NOISE	Acft climb rwy hdg to 4200 ASL BPOC.
CAUTION	Broken pavement on twy.

AIR VICE MARSHAL C.M. McEWEN SK — See MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN

AJAX (PICKERING GEN HOSP) ON (Heli) CPE2

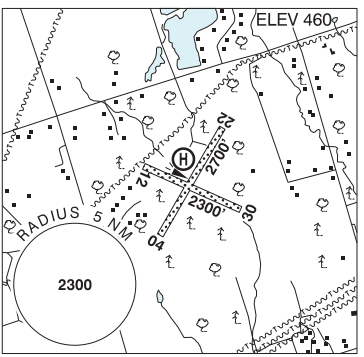




REF	N43 50 09 W79 01 03 Adj 11°W (2013) UTC-5(4) Elev 301' VTA A5000
OPR	Lakeridge Health 905-683-2320 Cert NVIS OPS AUTH PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC/ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RY(LO) green RF(FL)
COMM **A/G**	Ambulance dispatch 129.275
PRO	Arr/dep 053° to 083° fr heli, (H1) (CAR 602.96). Arr/dep 266° to 316° fr heli, (H1) (CAR 602.96). NVIS rqrd for night use, all flt path (CAR 602.96).
CAUTION	Unmarked P-lines 357 ASL (57 AGL) aprx 120' S of heli. Trees adj W of heli. P-lines adj S of heli.

AJAX (PR AJAX) ON CAJ5

REF	N43 54 24 W79 02 50 Adj N 10°W (2024) UTC-5(4) Elev 460' A1900 A5000
OPR	1000363870 Ontario Inc. 416-605-3391 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA
RWY DATA **RCR**	Rwy 04(040°)/22(220°) 2700x75 GRASS Rwy 12(124°)/30(304°) 2300x75 GRASS Opr
HELI DATA	FATO/TLOF 56' x 40' CONC Safety Area 76' x 50' Max heli overall length 39'
COMM **ATF**	tfc 123.2 5NM 3500 ASL excluding Oshawa CZ



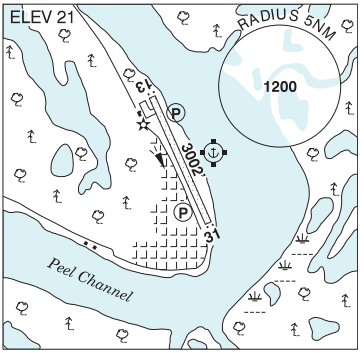
AJAX (PR AJAX) ON (Cont'd) CAJ5

PRO	Heli arr/dep via runways, taxi to/fr helipad.
CAUTION	Unmarked p-lines aprx 100 AGL 200' NW Thld 12.

A.J. FLYING RANCH AB — See CAYLEY / A.J. FLYING RANCH

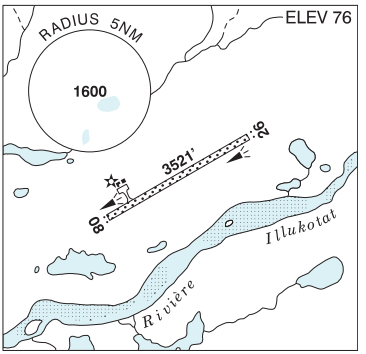
AKLAVIK / FREDDIE CARMICHAEL NT CYKD

REF	N68 13 24 W135 00 20 Adj 22°E (2017) UTC-7(6) Elev 21´ A5034 A5040 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt ctc 877-989-1400 1705-1755Z‡ 2305-2355Z‡ Mon-Fri, 1805-1855Z‡ 2305-2355Z‡ Sat, exc hols, Apr 30-Dec 15, O/T 1 hr PN, ctc 867-978-2792, 867-678-0388. Call out chg may be levied. Cert
PF	A-1 C-2,3,4
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-978-2309 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM). O/T LWIS



RWY DATA	Rwy 13(134°)/31(314°) 3002x75 gravel
RWY CERT	Rwy 13/31 AGN I
RCR	Opr Win maint avbl 15-24Z‡ Mon-Fri exc hols, O/T 1 hr PN, ctc 867-978-2792, 867-678-0388. Call out chg may be levied. Rwy compacted snow & gravel mix during winter conditions.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.1 type K, AS lgt avbl on hi intensity only.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon-Sat, 15-20Z‡ Sun, exc federal observed hols

AKULIVIK QC — CYKO

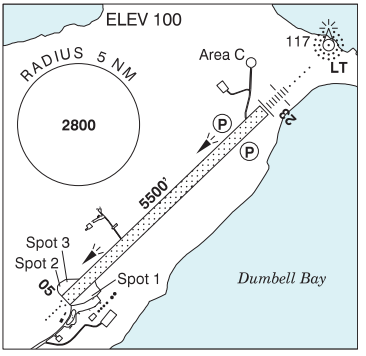


REF	N60 49 07 W78 08 55 1.5SW 19°W (2020) UTC-5(4) Elev 76´ A5032 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-496-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS
RWY DATA	Rwy 08(079°)/26(259°) 3521x100 GRVL Rwy 26 down 0.97%
RWY CERT	Rwy 08/26 AGN IIIA
RCR	Opr PLR/PCN
LIGHTING	08-AS(TE ME), 26-AS(TE ME) ARCAL-122.1 type K
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	Possible caribou on rwy Dec-Jun.

ALBAN ON — See FRENCH RIVER / ALBAN

ALBIAN AB — See FORT MACKAY / ALBIAN

ALERT NU — CYLT



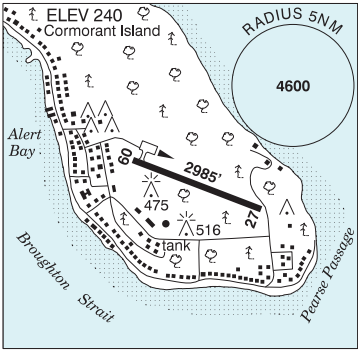
REF	N82 31 02 W62 17 04 44°W (2022) UTC-5(4) Elev 100' A5050 LO9 HI1 CAP
OPR	DND/1CdnAirDiv Alert AMO Ottawa 613-996-7741 CSN 996-7741 Mil PPR (min 7 days ntc) for foreign & civ acft 12-20Z‡ Mon-Fri, closed Sat, Sun & Cdn hols
FLT PLN	
ACC	Edmonton IFR 888-358-7526
MIL	on site IFR clnc for rtes entering Reykjavik airspace can be obtained by contacting +354-424-4264/4141 prior to dep fr Alert.
WX	Met brief for mil auth flt only. Lcl Met Section 613-945-3145/3146 ext 3250 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. METAR dur mil auth flt ops. TAF dur mil auth flt ops, issue times depending on mil requirements.

ALERT NU (Cont'd) CYLT

SERVICES	
FUEL	Only as auth on issued PPR
ARFF	CAT 4
SUP FL	D-Ice
RWY DATA	Rwy 05(048°T)/23(228°T) 5500x150 gravel Rwy 05 first 260' up 0.19%, next 660' down 0.83%, next 880' down 0.08%, next 1610' down 0.55%, last 2090' up 0.89%.
RCR	Opr Strip plowed weekly. PLR/PCN
LIGHTING	05-AO, 23-AN(non-std 2000') AS(HI) P2 2.7° GPI 733; O/R fr Thule exc win when lgts turned on upon receipt of Flt Pln. AMP3 lgt avbl Rwy 23. AMP3 marker panels avbl Rwys 05 (non-standard ldg zone marker panels, assault ldg zone dimensions 800ft, 300ft underrun included) & 23.
COMM	
ATF	tfc 126.7 5NM 3100 ASL All acft call Alert Metro within 20 min of ETA with load data.
MIL	Alert Metro 126.7 5680 6706 11232
NAV	
NDB	LT 305 (M) N82 31 33 W62 12 41
TACAN	ULT 110.7 Ch 44 N82 31 02 W62 18 42 (72') oriented on True North
PRO	Circling rstd to area NW rwy centreline. Prkg: Follow gnd marshaller's instructions. Ctc 126.7 prior to start up. All acft shall advs SMOKEY on 126.7 prior to engine start in order to guarantee the ramp is free of non-essential gnd vehicles & personnel.
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1345Z & 2315Z-0145Z. Sharp drop-off east of Thld 23. Aprons immediately adjacent rwy at Thld 05. Acft may be parked close proximity to rwy both sides.

ALERT BAY BC CYAL

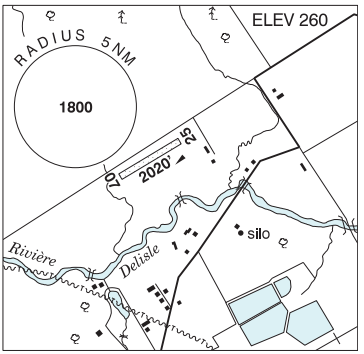
REF	N50 34 56 W126 54 57 Adj SE 17°E (2016) UTC-8(7) Elev 240' A5004
OPR	Corp of the village of Alert Bay 250-974-5213 Reg
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
S	4,5
RWY DATA	Rwy 09(094°)/27(274°) 2985x75 ASPH
RCR	Opr
COMM	
ATF	tfc 122.8 2NM 1600 ASL
CAUTION	Severe downdrafts may be encountered on apch or dep to/fr Rwy 09 when winds are 25 kt or stronger from SE. Sharp drop-off of aprx 100´ at west end of rwy. Moderate drop-off E end of rwy.



ALEXANDRIA ON

CNS4

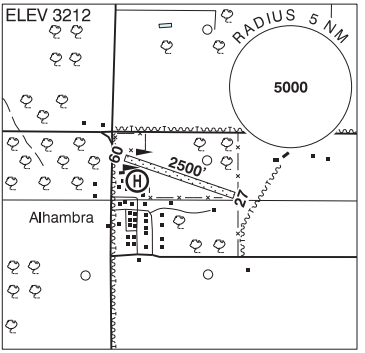
REF	N45 20 W74 37 Adj NE 15°W UTC-5(4) Elev 260´ VTA A5000 A5002
OPR	Alexandria Aviation Ltd 613-525-0877 Reg Opr ltd hrs
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,2,3,4,5 maint 613-874-1156
RWY DATA RCR	Rwy 07/25 2020x100 GRASS Opr 613-525-0877 Rwy soft dur spring thaw. No win maint.
COMM ATF	tfc 123.2 5NM 3300 ASL
CAUTION	Creek aprx 10' wide and 6' deep aprx 120' fr Thld 07. Parachute descent to 12,000 ASL fr Apr to Oct.



ALHAMBRA / AHLSTROM AB

CAM4

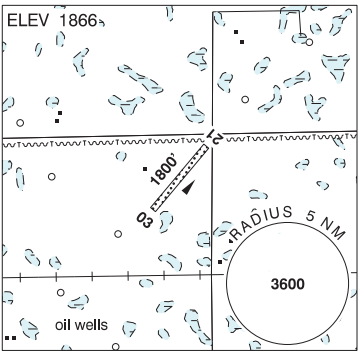
REF	N52 20 45 W114 40 02 Adj NE 15°E (2012) UTC-7(6) Elev 3212' A5005 A5015
OPR	Ahlstrom Air Ltd 403-729-3958 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(094°)/27(274°) 2500x60 GRASS Opr Ltd win maint
HELI DATA	50' x 66' concrete
COMM ATF	tfc 122.8 4NM 6200 ASL
CAUTION	Marked p-line across apch Rwy 09 running N/S aprx 18 AGL, aprx 250' W Thld 09. Unmarked p-line running SW/NE aprx 18 AGL, aprx 600' ESE Thld 27.



ALIDA / COWAN FARM PRIVATE SK

CCF7

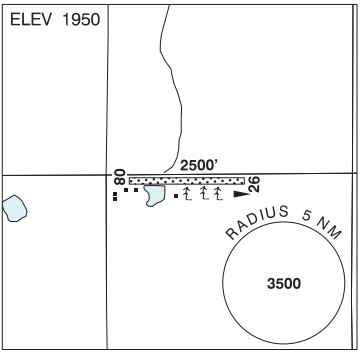
REF	N49 23 47 W101 49 30 2ENE 7°E (2014) UTC-6 Elev 1866' A5006
OPR	Gray Cowan 306-443-2496 or 306-483-8626 Reg PPR
PF	C-1,2
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 03(033°)/21(213°) 1800x40 GRASS Opr No win maint.
COMM **ATF**	tfc 123.2 5NM 4900 ASL
CAUTION	Livestock may stray on to rwy. Gopher holes in rwy. Trees on both apchs, unmarked p-line on apch for Rwy 21. Agricultural and oil field ops in vic.



ALLAN SK

CAN5

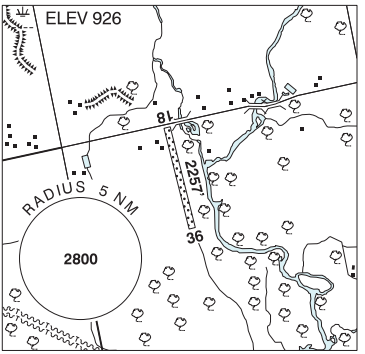
REF	N51 45 55 W106 04 05 7.7S 10°E (2019) UTC-6 Elev 1950' A5006
OPR	Charlie Smith 306-221-3800 Reg PPR
PF	D-1,2,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	7
RWY DATA **RCR**	Rwy 08/26 2500x60 GRASS Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 5000 ASL



ALLAN PARK ON

CAP2

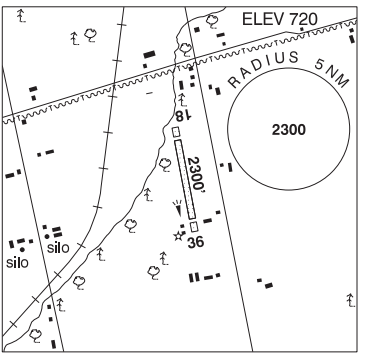
REF	N44 10 47 W80 57 05 1.2WNW 10°W (2015) UTC-5(4) Elev 926' A5000
OPR	Greg Robinson 519-364-3898 or 519-369-4976 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA RCR	Rwy 18(176°)/36(356°) 2257x75 GRASS Opr No win maint. Soft in spring.
COMM ATF	tfc 122.8 5NM (centred on Hanover A/D) 3900 ASL
CAUTION	Hydro lines along road at N end of rwy, trees at S end, high intensity P-line 150' AGL 2500' S of rwy marked with tana balls.



ALLISTON ON

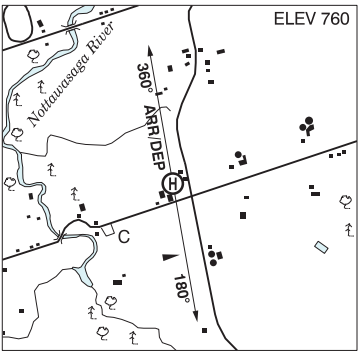
CNY4

REF	N44 11 W79 50 1.3NE 10°W UTC-5(4) Elev 720´ VTA A5000
OPR	Bob Mackenzie 705-434-8600 Reg PN
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 18/36 2300x50 GRASS/SNOW Thld 18 displ 200´ & Thld 36 displ 200´ Opr Rwy may be soft in spring.
LIGHTING	18-(LO), 36-(LO) O/R 1900´ only PPR Opr
COMM ATF	tfc 123.2 5NM 3700 ASL excluding area within Borden 5NM MF area
CAUTION	Marked P-lines 45 AGL aprx 1000´ fr Thld 18. Ditch aprx 6´ deep at thld Rwy 18. Trees 30 AGL either side Thld 18, 100´ fr rwy centreline. Bldg 40 AGL on apch Rwy 36 aprx 1400´ fr Thld 36.



ALLISTON ON (Heli) CPJ2

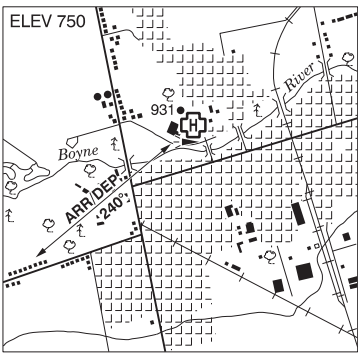
REF	N44 08 54 W79 48 03 2.3E 10°W UTC-5(4) Elev 760´ VTA A5000
OPR	USCAN Aviation Sales Ltd. 705-305-9643 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 200´ x 200´ GRASS TLOF 33'X19 CONC Max heli overall length 100´ Opr



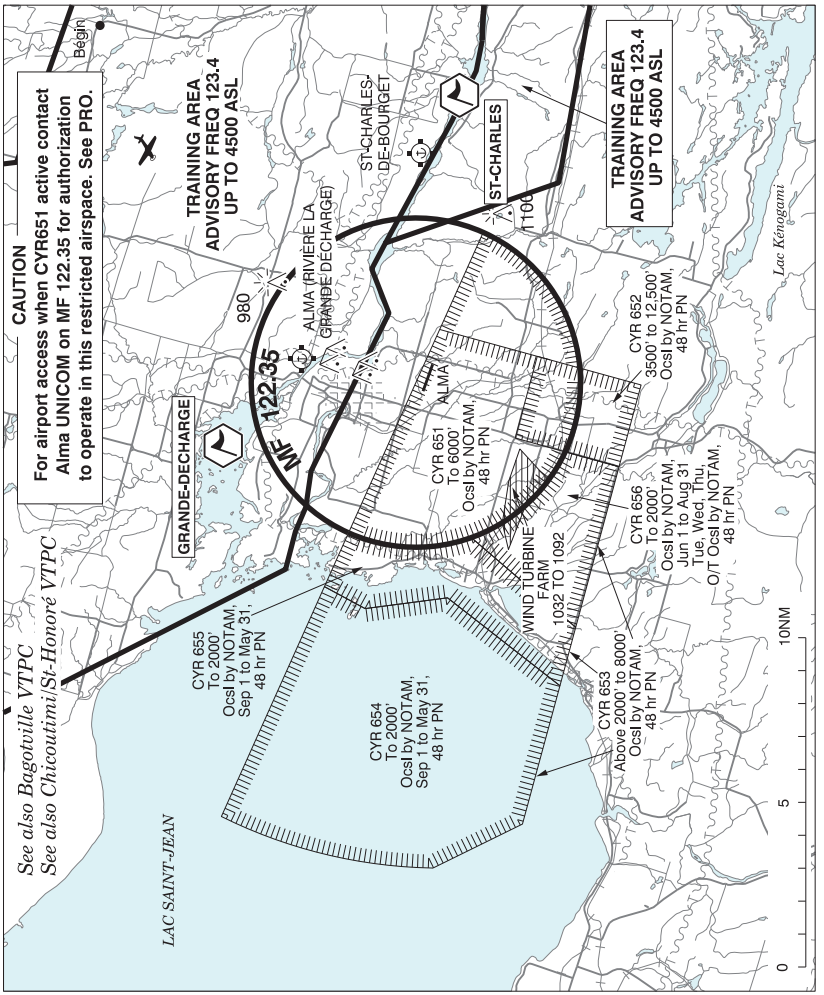
COMM ATF	tfc 123.2 5NM 3800 ASL excluding area within Borden 5NM MF area
PRO	Arr/dep 180° & 360° fr heli. Alliston A/D 2.6NM NW.
CAUTION	Hydro pole 30 AGL aprx 41' S of TLOF.

ALLISTON (STEVENSON MEM HOSP) ON (Heli) CPZ2

REF	N44 09 19 W79 52 27 Adj NW 10°W UTC-5(4) Elev 750´ VTA A5000
OPR	Stevenson Mem Hosp 705-435-6281 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	86´ dia asphalt 114´ dia Max heli overall length 57.5' Opr
LIGHTING	RF(FL) RW(LO) ARCAL-123.2 type J
COMM A/G	ambulance dispatch 129.275
PRO	Arr/dep 240° fr heli, slope 8% (H3), day/night use.

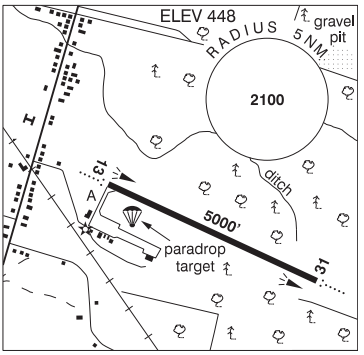


ALMA VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
GRANDE-DECHARGE	VCGRD	N48° 36' 48" W071° 41' 00"
ST-CHARLES	VCSTC	N48° 29' 30" W071° 24' 30"

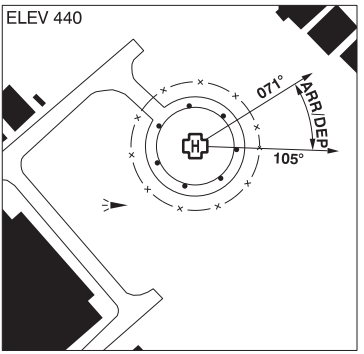
ALMA QC — CYTF



REF	N48 30 31 W71 38 29 2.2S 17°W (2014) UTC-5(4) Elev 448' A5010 LO6 LO7 HI5 HI6 CAP
OPR	CIDAL 418-669-5104 13-21Z‡ Mon-Fri Cert Ldg fees, tml fees
PF	A-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 418-669-5406 (see COMM)
SERVICES	1230-2130Z‡ Mon-Fri exc hols, O/T 1 hr PN 418-480-8686. Call out chg may be levied for one or more svcs.
FUEL	100LL (fuel management tml avbl, ctc opr to receive code), JA-1 (FSII avbl), SP
S	1(Ltd),2,3,4,5,6
JASU	Electric start 10/15
RWY DATA	Rwy 13(131°)/31(311°) 5000x100 ASPH Rwy 31 down 0.37%
RWY CERT	Rwy 13/31 AGN IIIA
TWY CERT	Twy A AGN II
RCR	Opr CRFI Win maint O/R 1530-2130Z‡ Mon-Fri exc hols, O/T 3 hrs PN 418-480-8686, call out chg may be levied. PLR/PCN
LIGHTING	13-AO(TE ME), 31-AO(TE ME) ARCAL-122.35 type K
COMM	(bil)
CLNC DEL	Prior dep pilots must ctc Bagotville Tml for IFR clnc at 888-813-8508.
MF/ATF	UNICOM 1330-2030Z‡ Mon-Fri, exc hols (CAR 602.98) O/T tfc 122.35 5NM 3500 ASL
TML	Bagotville 127.2 227.6
VFR ADV	Bagotville Tml 121.2
AUTO	123.175
NAV	
DME	ITF 110.7 Ch 44 N48 30 14 W71 37 47 (458´)
LOC	ITF 110.7 (Rwy 13) LOC reliable only within 10° either side of centreline.
PRO	Several areas of Class F of restricted airspace (CYRs) have been established in the Alma area for flight testing of Remotely Piloted Aircraft (RPA). These CYRs are activated occasionally by NOTAM with 48 hours prior notice. No person shall operate an aircraft within an active CYR unless the flight has been authorized by the User Agency as stated in the Designated Airspace Handbook (DAH). When CYR651 is active and access to the Alma airport is required, to avoid delays pilots should make prior arrangements with the User Agency for authorization to operate within the CYR. Pilots can contact Alma UNICOM MF 122.35 for authorization but unless the flight is essential such as MEDEVAC, police, emergency, etc., access may be delayed. Once authorized, pilots must enter and exit CYR651 from the northeast and operations are restricted to circuit procedures for arrivals and departures from the airport only. See Alma VTPC for a depiction of the CYRs.
CAUTION	Parachute jumps over aprt to 12,500 ASL, (DT 12-24Z) May-Sep. Possible win maint eqpt on rwy outside ops hrs. Migratory bird activity Apr-Nov.

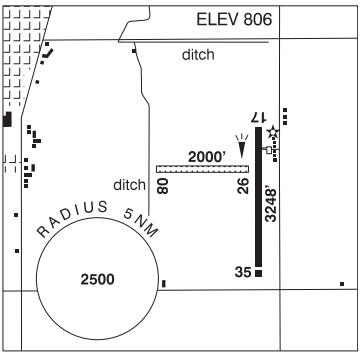
ALMONTE (GEN HOSP) ON (Heli) CAL5

REF	N45 13 49 W76 11 14 Adj NE 13°W (2013) UTC -5(4) Elev 440' A1905 A5000 A5002
OPR	Almonte Gen Hosp 613-256-2514 Cert PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia CONC Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep btwn 071°-105° fr heli, slope 8% (H3). Day/night use.

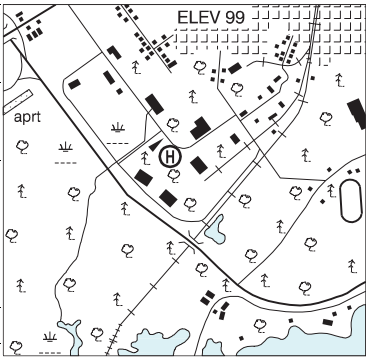


ALTONA MUNI MB CJL6

REF	N49 05 40 W97 32 02 1.5SE 4°E (2015) UTC-6(5) Elev 806´ A5007 LO3
OPR	Altona Flying Club 204-324-7457 or Town of Altona 204-324-8190/6468 or Rural Muni of Rhineland 204-324-5357 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL S	 100LL O/R 204-304 -1253, 204-761-2112, 204-324-7457 4,5,6
RWY DATA RCR	Rwy 17(176°)/35(356°) 3248x75 ASPH Thld 35 displ 138´. Rwy 08(086°)/26(266°) 2000x80 GRASS Opr or 204-324-7510 Rwy 08/26 no win maint. Rwy 17/35 ltd win maint.
LIGHTING	17-(TE LO), 35-(TE LO) ARCAL-123.2 type J
COMM ATF	 tfc 123.2 5NM 3900 ASL
CAUTION	Ocsl model acft activity at aprt. Deep ditch runs North/South W of Thld 08.

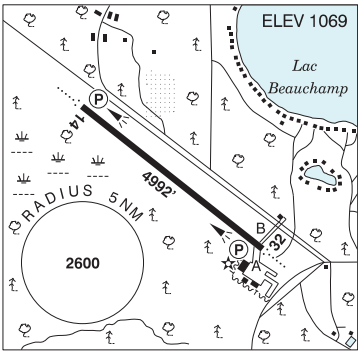


AMHERST NS (Heli) CCB3



REF	N45 48 43 W64 13 13 Adj SSW 18°W (2014) UTC-4(3) Elev 99´ A5003
OPR	Dept of Economic Development, Town of Amherst 902-667-6500 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	75´ x 75´ asphalt
COMM	
ATF	tfc 123.2 5NM 3100 ASL
PRO	Arr/Dep E-W.
CAUTION	Training areas around heliport, see Moncton VTPC - Training areas.

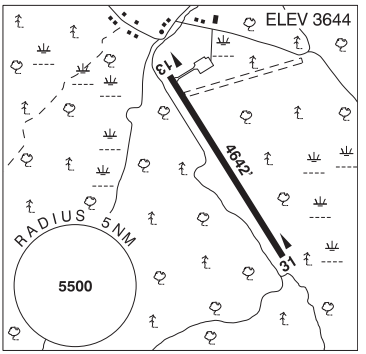
AMOS / MAGNY QC CYEY



REF	N48 33 54 W78 14 57 5W 13°W (2016) UTC-5 (4) Elev 1069´ A5009 LO3 LO4 LO7 HI1 HI5 CAP
OPR	Town 819-732-4828 Ext 1, Director Ext 2 Reg
PF	A-1,2,3,7,8 B-6 C-4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	11-23Z Mon-Fri, 13-23Z‡ Sat-Sun O/T call out chg 30 min PN
FUEL	100LL, JA-1 (FSII avbl)
OIL	W100, 20W50
S	1,2,3,4,5,6
RWY DATA	Rwy 14(141°)/32(321°) 4992x100 asphalt Rwy 14 down 0.4%
TWY	Twy B ltd win maint
RCR	Opr 11-23Z Mon-Fri, 13-23Z‡ Sat-Sun O/T 1 hr PN for CRFI, 2 hrs PN for win maint, call out chg
LIGHTING	14-AO(TE HI) P2, 32-AO(TE HI) P2 ARCAL-123.0 type K
COMM	(bil)
ATF	UNICOM 11-23Z Mon-Fri, 13-23Z‡ Sat-Sun O/T tfc 123.0 5NM 4100 ASL
CAUTION	Seaplane ops Beauchamp Lake adj NE. Common freq 123.0

ANAHIM LAKE BC — CAJ4

REF	N52 27 05 W125 18 13 1S 18°E (2014) UTC-8(7) Elev 3644' A5013 LO2 CAP
OPR	Cariboo Regional District 250-742-2364 (operation) 250-392-3351 (administration) 18-22Z‡ Mon, Wed, Fri O/T 3 hr PN Cert Ldg fees for commercial acft
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	ALTIMETER ltd hrs (see COMM) WxCam

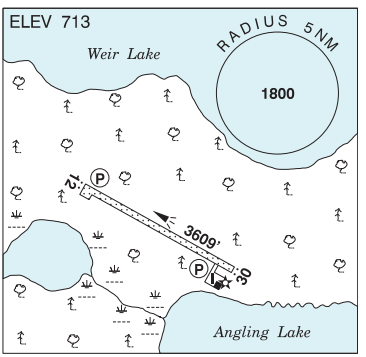


SERVICES	
FUEL	100LL, JA Self-serve VISA & Mastercard
OIL	All
S	2,3,4,5,6
RWY DATA	Rwy 13(130°)/31(310°) 4642x75 ASPH Rwy 31 down 0.59%
RWY CERT	Rwy 13/31 AGN II
RCR	APM 250-742-2364 16-01Z‡ dly PLR/PCN.
COMM	
ATF	UNICOM (AU) Ltd hrs O/T tfc 122.8 5NM 6600 ASL
CAUTION	Expect moderate to extreme turbulence when winds fr W. Extv float plane activity at Nimpo Lake, 9NM SE of A/D. Possible presence of large animals within aprt perimeter.

ANCHOR 9 RANCH AB — See BOTTREL / ANCHOR 9 RANCH

ANGLING LAKE / WAPEKEKA ON — CKB6

REF	N53 50 57 W89 34 46 1.5W 5°W UTC-6(5) Elev 713´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-537-2497 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 12(120°)/30(300°) 3609x100 gravel Rwy 30 down 0.44%.
RWY CERT	Rwy 12/30 AGN IIIA
RCR	Aprt Foreperson 807-629-6897 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	12-AS(TE ME) AP, 30-AS(TE ME) AP ARCAL-123.2 type K

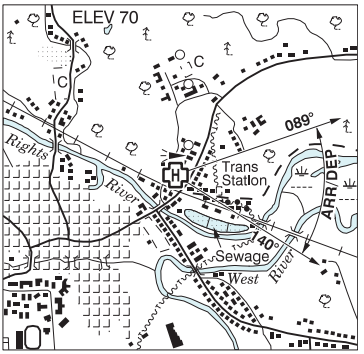


ANGLING LAKE / WAPEKEKA ON (Cont'd) CKB6

COMM	
ATF	tfc 123.2 5NM 3800 ASL

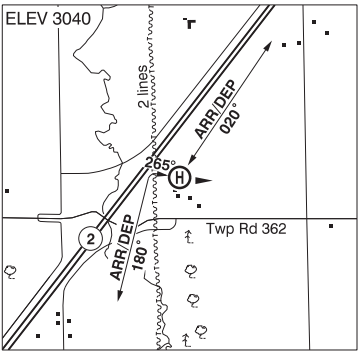
ANTIGONISH (ST. MARTHA'S REGIONAL HOSP) NS (Heli) CDY5

REF	N45 37 36 W61 58 55 Adj NE 18°W (2014) UTC-4(3) Elev 70´ A5003
OPR	St. Martha's Regional Hosp 902-863-2830 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 79' dia ASPH/CONC Safety Area 105' dia Max heli overall length 52.5'
LIGHTING	RF(FH)
COMM	
ATF	tfc 123.2 5NM 3200 ASL
PRO	Arr/dep 089°-140° fr heli, slope 12% (H2), day/night use.
CAUTION	Lgt and marked P-lines, aprx 35 AGL, 90' W of heli.



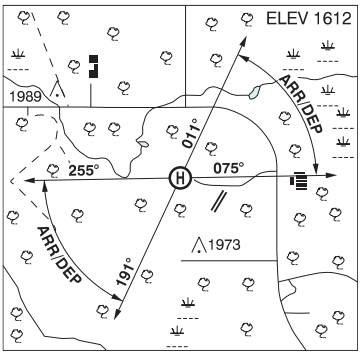
ANTLER VALLEY FARM AB (Heli) CAV2

REF	N52 05 14 W113 51 00 3SSE 14°E (2024) UTC-7(6) Elev 3040' A5005 A5015
OPR	Antler Valley Farm 403-506-5897 Reg PN
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	7
HELI DATA	FATO 100' dia GRASS TLOF 30' dia GRVL Safety Area 200' dia
RCR	Opr
COMM	
ATF	tfc 118.5 3NM 6100 ASL
PRO	Arr/dep curved 265° to 180° & 020° fr heli
CAUTION	P-line aprx 525' W of heli running N/S.



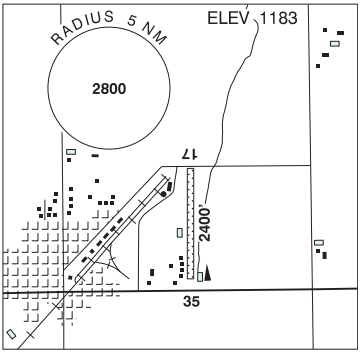
ANZAC (LONG LAKE) AB (Heli) CNZ2

REF	N56 25 27 W110 57 52 3.3ESE 14°E (2013) UTC-7(6) Elev 1612' A5023
OPR	Nexen Energy ULC 780-334-3911 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA RCR	FATO 76' x 101' ASPH TLOF 35' dia ASPH Safety Area 96' x 121' Opr Win maint call out chg apply
COMM ATF	tfc 123.2 5NM 4600 ASL
PRO	Transponder MODE C required within the 25NM Fort McMurray Class E control area extension, the 15 NM Class E transition area & 5 NM control zone. Flt Pln open and close with Edmonton FIC on 123.55 (FISE). Arr/dep 011° to 075° and 191° to 255° fr heli (H3).
CAUTION	Twr 349 AGL aprx 0.5NM WNW and 349 AGL aprx 0.3NM SSE of heli. Stacks on NE arr/dep.

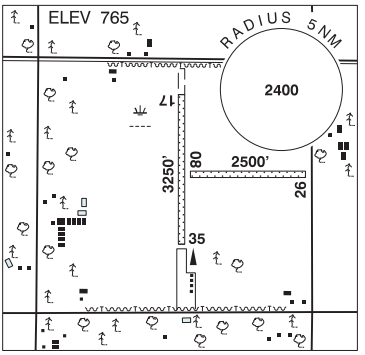


ARBORFIELD SK CJM6

REF	N53 06 28 W103 39 02 1NE 9°E (2012) UTC-6 Elev 1183´ A5016
OPR	R. Cummings 306-769-8337 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(173°)/35(353°) 2400x100 GRASS Rwy slightly undulating Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4200 ASL



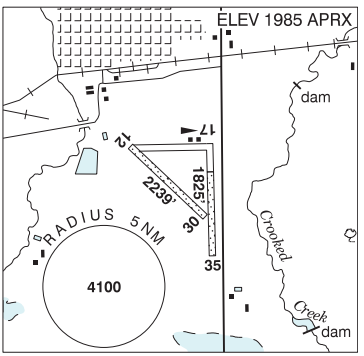
ARBORG MB — CJU6



REF	N50 54 46 W97 18 16 3.5W 3°E (2021) UTC-6(5) Elev 765´ A5007
OPR	Arborg Bifrost Aprt Comsn 204-641-0204 or 204-642-2169 or 204-379-2971 Reg
PF	B-1 C-2,3,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL	 100LL 20W50
RWY DATA RCR	Rwy 17/35 3250x100 GRASS Rwy 08/26 2500x45 GRASS Opr Ltd win maint. Rwy 08/26 soft when wet.
COMM ATF	 UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits rwy 35 (CAR 602.96).
CAUTION	Lgtd twr 1110 ASL (360 AGL) 2.8NM E of A/D.

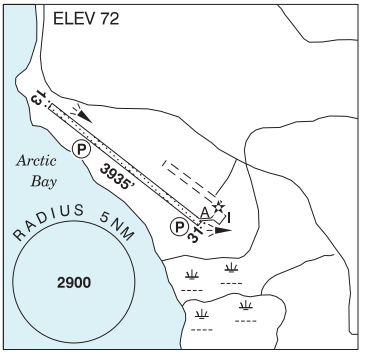
ARBOUR AIRFIELD ON — See CAMERON / ARBOUR AIRFIELD

ARCOLA SK — CJA7



REF	N49 38 W102 29 Adj S 7°E (2020) UTC-6 Elev 1985´ aprx A5006
OPR	Town 306-455-2212 or 306-577-7500 Reg
PF	C-1,2,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(171°)/35(351°) 1825x80 GRASS/CLAY Rwy 12(119°)/30(299°) 2239x80 GRASS Ken McMillan 306-577-7500. No win maint.
COMM ATF	 tfc 122.8 5NM 5000 ASL
CAUTION	Lgtd twr 2410 ASL (360 AGL) 2.6NM W of A/D.

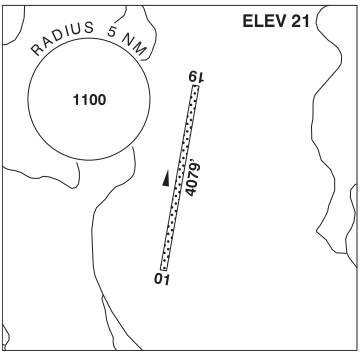
ARCTIC BAY NU CYAB



REF	N73 00 23 W85 02 50 3SE 27°W (2023) UTC-5(4) Elev 72' A5046 A5047 LO9 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-439-8171 ltd hrs (see COMM) Fax 867-439-8174
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 14-23Z‡ Mon & Thu, issue times: 1340, 1840Z (DT 1240, 1840Z). TAF 14-21Z‡ Tue, Wed & Fri, issue times: 1340Z (DT 1240Z). TAF 20-23Z‡ Sat, issue times: 1940Z (DT 1840Z). WxCam
SERVICES	Call out chg may be levied for one or more svcs. 1hr PN 867-203-0745
FUEL	JA-1, HPR ltd supply 13-22Z‡ Mon-Fri 867-439-9934 O/T 867-203-0745. Credit cards not accepted.
S	6
RWY DATA	Rwy 13(128°T)/31(308°T) 3935x98 GRVL Rwy 13 down 1.2% first 1500', up 1% next 1500', and level last 900'
RWY CERT	Rwy 13/31 AGN IIIA
APRON	Apron I: Tails of Dash-8s or ATRs not to extend past south edge of apron when parked due to transitional obstacle limitation surface restrictions.
RCR	Maint contractor 867-439-8227 Fax 867-439-8568. A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied.
LIGHTING	13-AS(TE ME) P1, 31-AS(TE ME) P1 ARCAL-122.1 type K
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 12-23Z‡ Mon & Thu, 12-21Z‡ Tue, Wed & Fri, 18-23Z‡ Sat, exc federal observed hols.
LWIS	128.7
CAUTION	Sharp 10´-15´ drop-off both sides & both ends of rwy. Aprt surrounded by hi terrain to NE. Rapidly rising terrain starts aprx 1000' NE of rwy. Elevation of peak 2NM NE is 1900'. Only pilots with considerable experience in area should plan on using this aprt due to sur terrain & variable lcl cond. Severe turbulence may be encountered. Sur terrain may constitute a hazard to ngt flying. Extv migratory bird activity May-Oct.

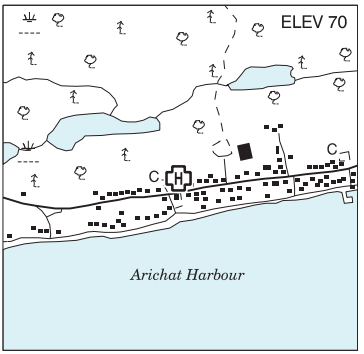
ARCTIC WATCH LODGE NU CRW4

REF	N74 04 03 W93 47 06 17°W (2023) UTC-6(5) Elev 21´ A5046 A5047 LO9 RCAP
OPR	Canadian Arctic Holidays Ltd. 819-459-1794 Reg Jun-Aug PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	JA O/R
RWY DATA RCR	Rwy 01(010°T)/19(190°T) 4079x75 GRVL Rwy 01 down 0.34% Opr No win maint.
COMM ATF	tfc 122.8 5NM 3100 ASL



ARICHAT (ST. ANNE LADIES AUXILIARY HOSP) NS (Heli) CDT3

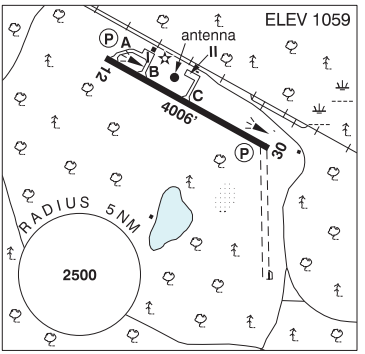
REF	N45 30 41 W61 02 01 Adj W 18°W (2014) UTC-4(3) Elev 70´ A5003
OPR	St. Anne Ladies Auxiliary 902-226-2826 Reg PPR
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	79´ x 79´ concrete (rstd to twin engine heli with max overall length of 52.5´)
LIGHTING	FH 98´ E of pad
COMM ATF	tfc 123.2 5NM 3100 ASL



ARKAYLA SPRINGS AB — See COCHRANE / ARKAYLA SPRINGS

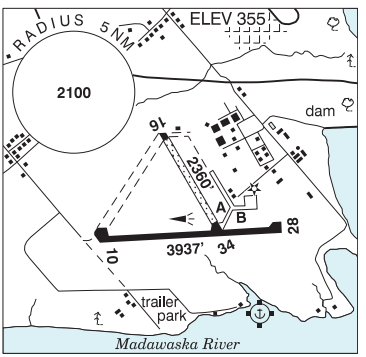
ARMSTRONG ON — CYYW

REF	N50 17 38 W88 54 36 4.5ESE 4°W UTC-5(4) Elev 1059´ A5008 LO4 CAP
OPR	Govt of Ontario - MTO 807-707-7345 13-22Z‡ Mon-Fri exc hols Reg
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 WxCam
RWY DATA	Rwy 12(123°)/30(303°) 4006x100 ASPH AGN IIIA
TWY	Twy A: Day use only. Twy A & B: Rstd to fire fighting acft.
APRON	Apron I rstd to fire fighting acft, all other acft use apron II.
RCR	Aprt Foreperson 807-708-8753 or Opr 13-22Z‡ Mon-Fri exc hols Ltd win maint.
LIGHTING	12-(TE ME) AP, 30-(TE ME) AP ARCAL-122.8 type K. Allow 10 sec for rwy lgt to activate.
COMM	
ATF	tfc 122.8 5NM 4100 ASL
AWOS	128.65



ARNPRIOR ON — CNP3

REF	N45 24 50 W76 21 57 Adj S 13°W (2015) UTC-5(4) Elev 355´ A1905 A5000 LO6 LO7 CAP
OPR	Arnprior Aprt Comsn 613-623-9687 Fax 613-623-7870 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA
OIL	Aeroshell W80, W100, W100 Plus, 15W50. Phillips XC 20w50, Victory 20w50, Sport+4
S	2,3,4,5,6
RWY DATA	Rwy 10(100°)/28(280°) 3937x75 asphalt Rwy 16(163°)/34(343°) 2360x50 gravel 200´ thld of each rwy asphalt
RCR	Opr 13-22Z‡ Rwy 16/34 no win maint
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-122.7 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 3400 ASL

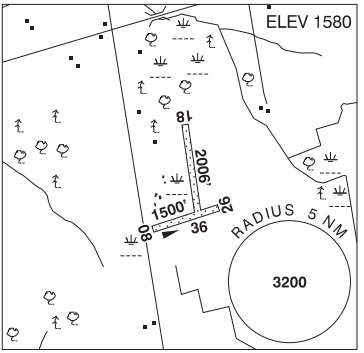


ARNPRIOR ON (Cont'd) CNP3

PRO	Rwy 16/34 proh to acft exceeding 10,000 lbs GTOW.
CAUTION	Parachuting over aprt 12,500 ASL & blw fm May-Oct. Seaplane ops on Madawaska River, Adj S of A/D. Ocsl grass cutting ops adj rwy.

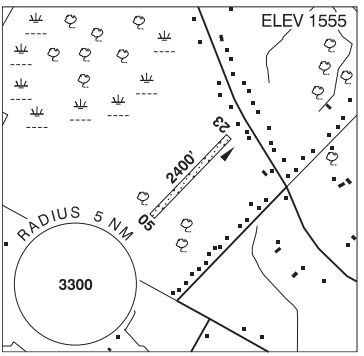
ARTHUR (DAMASCUS FIELD) ON CDF6

REF	N43 53 48 W80 31 12 3.7NNE 10°W (2018) UTC-5(4) Elev 1580' VTA A5000
OPR	Roger Deming 519-993-7388 Reg
PF	B-1 C-2,3 D-4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18(181°)/36(001°) 2006x75 GRASS Rwy 08(082°)/26(262°) 1500x75 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.4 5NM 4600 ASL
CAUTION	Varying gradient on all rwys. Fence along S side of Rwy 08/26.

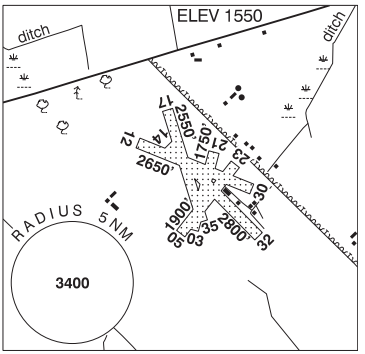


ARTHUR (PESKETT FIELD) ON CPK9

REF	N43 46 15 W80 29 06 4.3SSE 10°W UTC-5(4) Elev 1555' VTA A5000
OPR	David George Pryor 519-848-3595 Reg PPR
PF	B-1 C-2,3 D-4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 05(054°)/23(234°) 2400x60 GRASS
RCR	Opr May-Oct ltd hrs. No win maint. Rwy soft in spring
COMM	
ATF	tfc 123.4 3NM 4600 ASL
CAUTION	Ball markers on P-lines 60 AGL 910' E Thld 23. Extv glider activity Arthur (Walter's Field) 5NM N & Fergus (Juergensen Field) 2.7NM SE

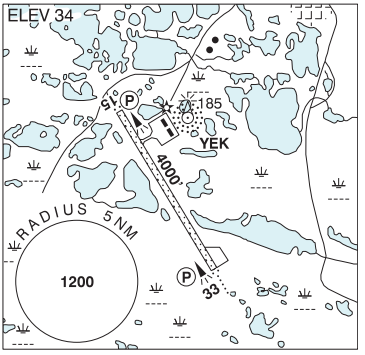


ARTHUR (WALTER'S FIELD) ON — CPC3



REF	N43 51 W80 27 5E 10°W UTC-5(4) Elev 1550´ VTA A5000
OPR	York Soaring Association 519-848-3621 or 416-223-6487 Reg PPR
PF	B-1 C-2,3,4 D-5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 14/32 2800x300 GRASS Rwy 12/30 2650x150 GRASS Rwy 17/35 2550x170 GRASS Rwy 05/23 1900x330 GRASS Rwy 03/21 1750x250 GRASS
RCR	Opr May thru Oct ltd hrs. No win maint. Rwys may be extremely soft in spring and fall.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.4 5NM 4600 ASL
PRO	CAUTION: extv glider activity. Simultaneous rgt & left hand circuits in use by gliders and towplanes Apr-Dec (CAR 602.96).

ARVIAT NU — CYEK



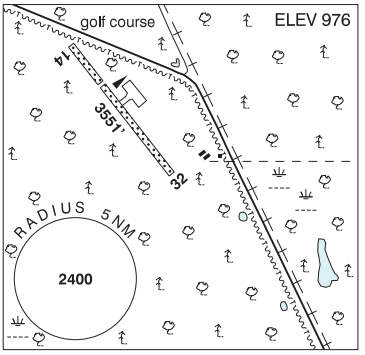
REF	N61 05 38 W94 04 18 Adj 4°W (2012) UTC-6(5) Elev 34´ A5031 LO5 HI1 HI2 HI4 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-857-2802 ltd hrs (see COMM).
WX	METAR dur CARS hrs (see COMM) O/T METAR AUTO. TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	Call out chg may be levied outside oprg hrs.
FUEL	100LL (D) 15-24Z‡ Mon-Sat exc hols 2 hrs PN 867-857-2933/2161/2673/2424. Call out chg after 24Z‡ and Sundays. Credit cards & cash accepted. Credit by prior arng with min 7 working days notice 867-645-8400.
S	6
RWY DATA	Rwy 15(149°T)/33(329°T) 4000x100 GRVL
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Maint contractor 867-341-0066, 204-979-5266 Fax 867-857-2090. A/D maint avbl 14-23Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN
LIGHTING	15-AS(TE ME) P1, 33-AO(TE ME) P1 Outside hrs of ops: ARCAL-122.1 type K (see CAUTION)

ARVIAT NU (Cont'd) CYEK

COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1245-2315Z‡ Mon-Fri, 1445-2115Z‡ Sat & Sun, exc federal observed hols, O/T 2 hrs PN, call out chg.
AWOS	128.7
NAV	
NDB	YEK 329 (M) N61 05 57 W94 04 08
CAUTION	Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge).

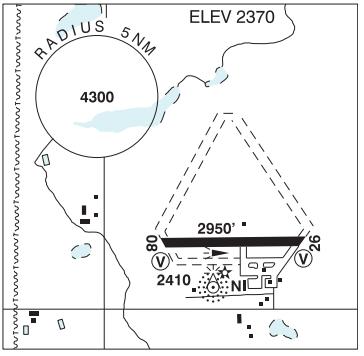
ASHERN MB CJE7

REF	N51 09 33 W98 19 59 1.5S 4°E (2017) UTC-6(5) Elev 976´ A5007
OPR	Ashern Aprt Comsn 204-768-2641 Reg
PF	B-1 C-2,3,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 14(138°)/32(318°) 3551x90 GRASS Thld 14 displ 1035'
RCR	Opr or 204-768-2072
COMM	
ATF	tfc 123.2 5NM 4000 ASL



ASSINIBOIA SK CJN4

REF	N49 44 05 W105 56 49 6N 10°E (2015) UTC-6 Elev 2370´ A5006 LO2
OPR	Town 306-642-3382 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for one or more svcs. For svcg 306-642-7418/640-7976
FUEL	100LL
RWY DATA	Rwy 08(078°)/26(258°) 2950x150 ASPH
RCR	Opr Rwy 08/26 ltd win maint.
LIGHTING	08-(TE LO) V, 26-(TE LO) V 08 & 26 V slope unknown, pvt. ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5400 ASL

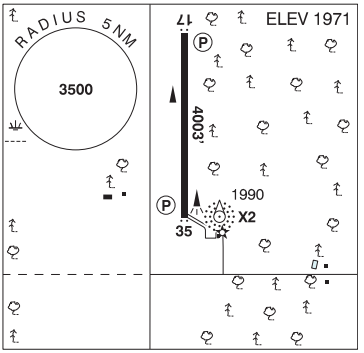


ASSINIBOIA SK (Cont'd) CJN4

NAV NDB	NI 278 (L) N49 43 42 W105 56 57 Pvt Unmonitored
CAUTION	Unlgtd wind turbines to 3200 ASL (610 AGL) aprx 8NM S of A/D.

ATHABASCA AB CYWM

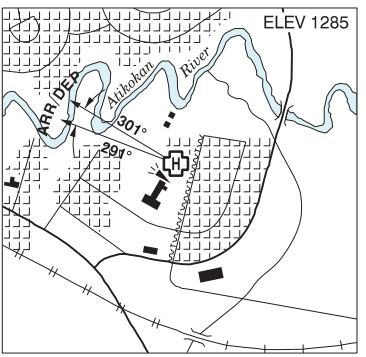
REF	N54 44 35 W113 12 19 3.1ENE 15°E (2013) UTC-7(6) Elev 1971´ A5015 LO1 CAP
OPR	Athabasca County 780-675-2273 Reg Ldg fees
PF	B-1 C-2,3,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL (Self-serve, debit and credit cards) (Cardlock)



RWY DATA **RCR**	Rwy 17(165°)/35(345°) 4003x100 asphalt Opr Ltd maint
LIGHTING	17-AS(TE ME) P1, 35-AS(TE ME) P1 ARCAL-123.2 type K
COMM **ATF** **PAL**	tfc 123.2 5NM 5000 ASL Edmonton Ctr 134.7 (Flatbush) May not be receivable on ground.
NAV **NDB**	X2 329 (L) N54 44 14 W113 12 05 Pvt Unmonitored
CAUTION	Deer &/or moose may be in vic rwy.

ATIKOKAN (GEN HOSP) ON (Heli) CKF3

REF	N48 45 17 W91 35 48 1°W UTC-5 Elev 1285´ A5001 A5008
OPR	Atikokan Gen Hosp 807-597-4215/1305 Cert PPR
PF	B-1,4 C-2,3,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.4'
LIGHTING	RY O/R RF(FL)

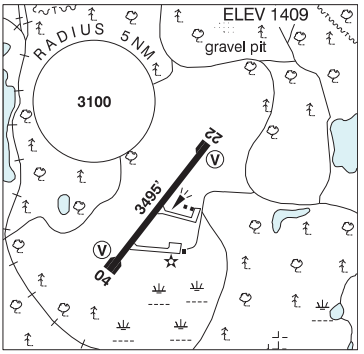


ATIKOKAN (GEN HOSP) ON (Heli) (Cont'd) CKF3

COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst)
MF	tfc 122.3 (no ground station) 5NM centred on Atikokan Muni A/D 2.1NM NW 4500 ASL (CAR 602.98).
PRO	Arr/dep btwn 291°-301° fr heli, slope 8% (H3). Day/night use.

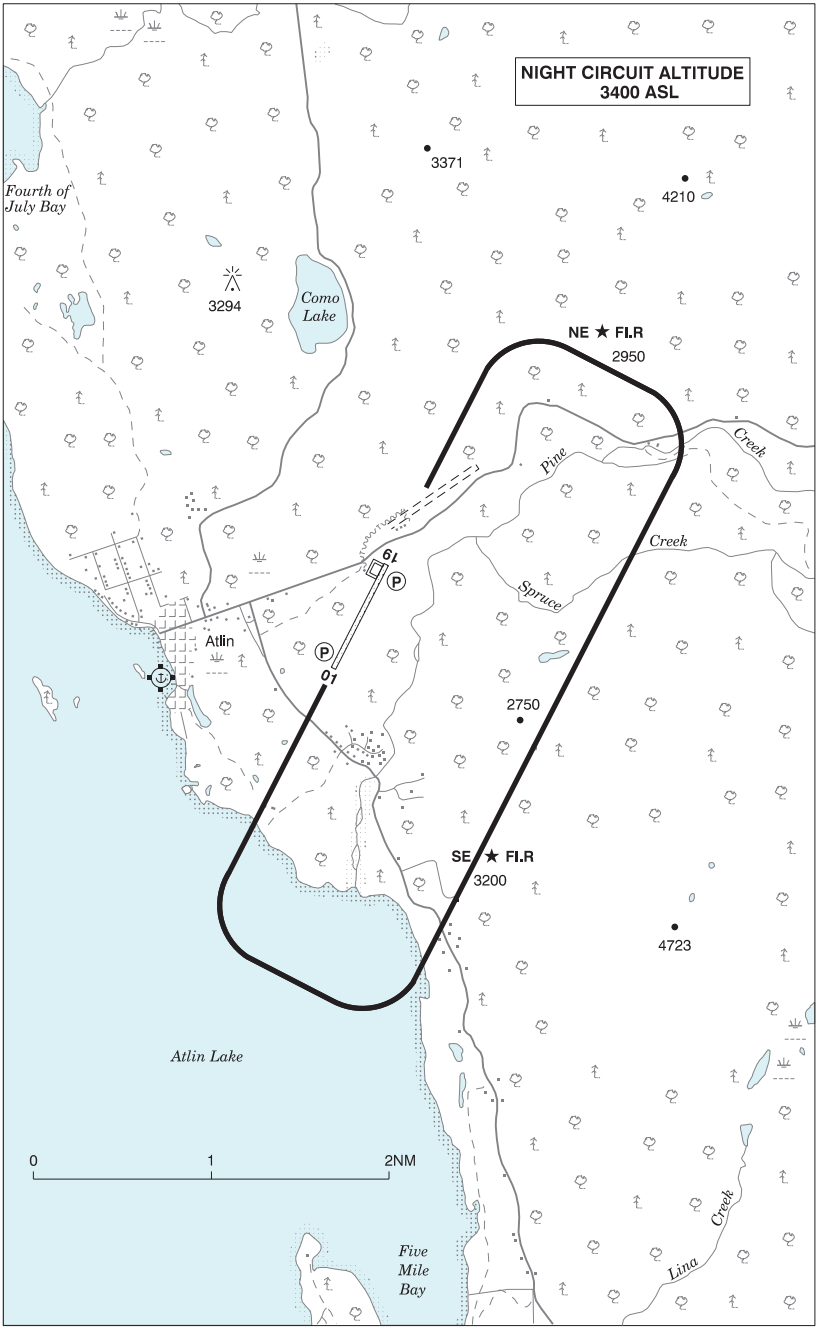
ATIKOKAN MUNI ON CYIB

REF	N48 46 27 W91 38 20 1NW 2°W (2013) UTC-5 Elev 1409´ A5001 A5008 LO4 CAP
OPR	Township 807-597-1234 or Fax 807-597-6186 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, Jet A PN 807-597-2135 or Opr, 12-19Z‡ Mon-Fri exc hol.



RWY DATA	Rwy 04(040°)/22(220°) 3495x100 asphalt Rwy 04 up 0.69% AGN IIIA
RCR	Opr Ltd win maint. Thld rwy 22 turnaround area deteriorates in spring & fall.
LIGHTING	04-(TE LO) V1, 22-(TE LO) V1 ARCAL-122.3 type J
COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst)
MF	tfc 122.3 (no ground station) 5NM 4500 ASL (CAR 602.98)
PRO	Rgt hand circuits Rwy 22 (CAR 602.96).
CAUTION	Aprt vehicles not radio-equipped. Extv bird activity in vic of rwy Oct-Dec.

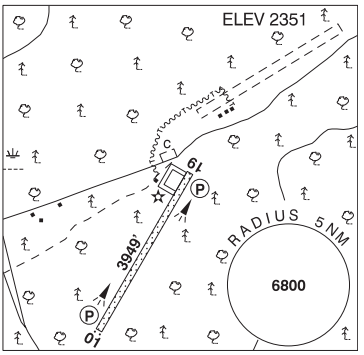
ATLIN VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



ATLIN BC

CYSQ

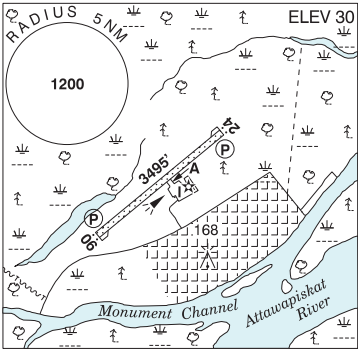
REF	N59 34 35 W133 40 17 1NE 20°E (2015) UTC-8(7) Elev 2351´ A5021 A5099 LO5 RCAP
OPR	Atlin District Aprt Association 250-651-7569 Reg
PF	B-1 C-2,3,4,5
CUST	AOE/15 888-226-7277 17-05Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	1
OIL	5/50 (ltd)
S	5,6
RWY DATA	Rwy 01(010°)/19(190°) 3949x75 gravel Rwy 19 down 0.68%
RCR	Opr 16-05Z‡ Ltd win maint.
LIGHTING	01-AS(TE ME) P1 4.5°, 19-(TE ME) P1 4.5° ARCAL-123.2 type K exc RILS on hi setting only. Retro-reflective markers on twy & aprons only.
COMM	
RCO	Whitehorse rdo 123.55 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 01 (CAR 602.96). Night circuit: Alt 3400 ASL. Not auth unless both hazard bcns & PAPI opr. All turns to be completed within perimeter of hazard bcns. See VTPC.
CAUTION	Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Gnd rises sharply fr shoulder edge along E side of rwy.



ATTAWAPISKAT ON

CYAT

REF	N52 55 39 W82 25 55 Adj NW 12°W UTC-5(4) Elev 30´ A5018 LO3 CAP
OPR	Govt of Ontario - MTO 705-997-2124 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt pln with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF 10-20Z‡, issue times: 0940, 1340Z (DT 0840, 1240Z)
RWY DATA	Rwy 06(061°)/24(241°) 3495x100 gravel
RWY CERT	Rwy 06/24 AGN IIIA
RCR	Aprt Foreperson 807-620-7211 or Opr 13-22Z‡ Mon-Fri exc hols. Rwy cond subject to seasonal & climatic vars.
LIGHTING	06-AS(TE ME) AP, 24-AS(TE ME) AP ARCAL-122.8 type K

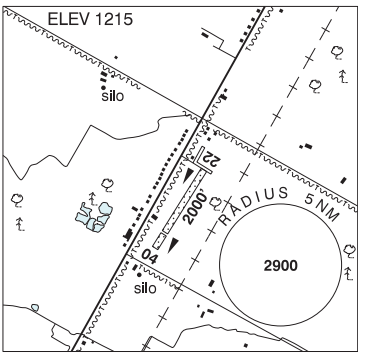


ATTAWAPISKAT ON (Cont'd) CYAT

COMM	
DRCO	London rdo 126.7 (FISE)
ATF	tfc 122.8 5NM 3000 ASL
AWOS	128.775
CAUTION	P-lines 62 ASL (39 AGL) on Rwy 06 apch path, 1870' bfr Thld 06.

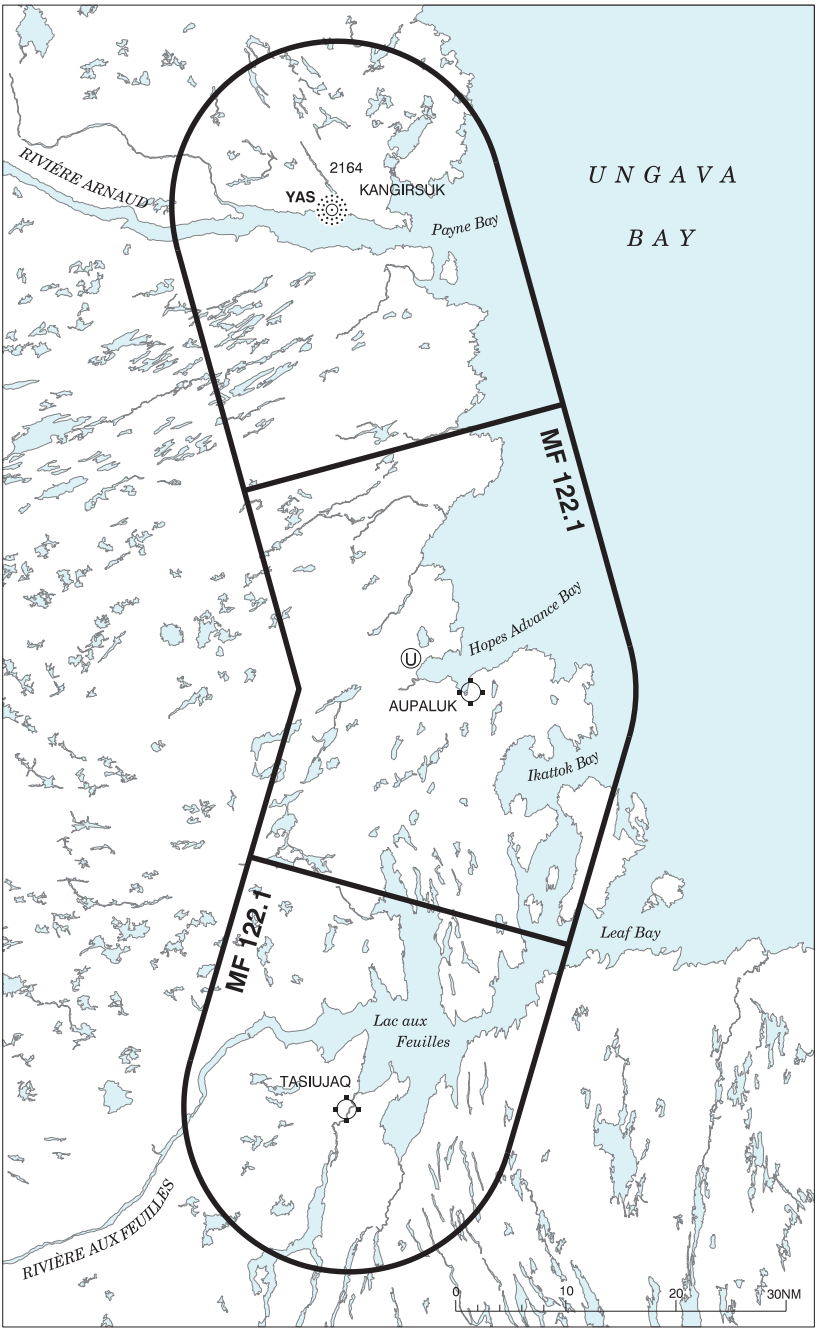
ATWOOD / COGHLIN ON CAT1

REF	N43 41 00 W81 00 16 1.2NE 9°W UTC-5(4) Elev 1215´ A5000
OPR	Coghlin Aviation 519-291-0600 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL & MG-1 ltd qty, call opr
S	4,5
RWY DATA	Rwy 04/22 2000x70 GRASS Thld 04 displ 350´
RCR	Opr Rwy soft in spring. Ltd win maint.



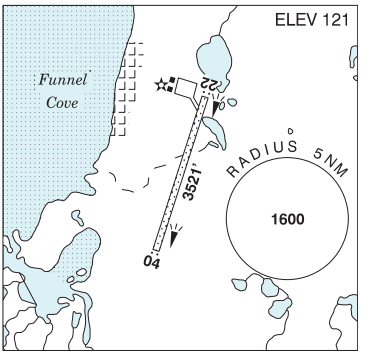
COMM	
ATF	tfc 122.8 5NM 4200 ASL
PRO	Rgt hand circuits Rwy 04 (CAR 602.96), left hand circuits Rwy 22.
CAUTION	Marked P-lines on apch to Rwy 04. Tower 312 AGL aprx 1.6NM S.

AUPALUK / KANGIRSUK / TASIUJAQ VFR TERMINAL PROCEDURES CHART



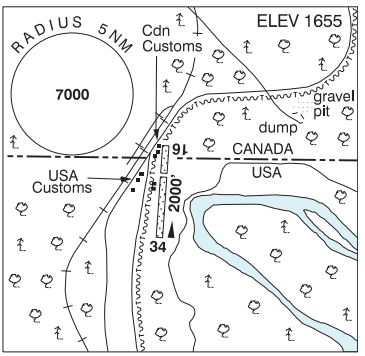
AUPALUK QC — CYLA

REF	N59 17 48 W69 35 59 0.2E 22°W (2021) UTC-5(4) Elev 121´ A5027 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 1230-2230Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-491-1530, ops hrs 1230-2230Z‡
WX	METAR dur CARS hrs (see COMM) O/T LWIS
RWY DATA	Rwy 04(037°)/22(217°) 3521x100 gravel Rwy 04 up 1.33%.
RWY CERT	Rwy 04/22 AGN IIIA
RCR	Opr
LIGHTING	04-AS(TE ME), 22-AS(TE ME) ARCAL-122.1 type J, RIL lctd 20' outside of rwy edge.
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM joined to Kangirsuk and Tasiujaq MF circles by corridors equal to the width of their diameter 3500 ASL (CAR 602.98), see Aupaluk/Kangirsuk/Tasiujaq VTPC.
APRT RDO	122.1 (V) 1230-2230Z‡



AVEY FIELD STATE / LAURIER WA USA — 69S

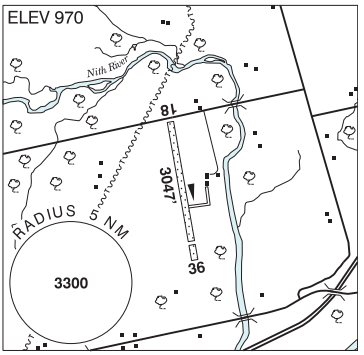
REF	N48 59 54 W118 13 22 20°E UTC-8(7) Elev 1655´ A5005
OPR	Paul Wolfe 360-651-6300
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 16/34 2000x75 gravel Thld 16 displ 600´.
RCR	Opr No win maint
COMM	
ATF	tfc 122.9 5NM 4700 ASL



AV-RANCH AIRPARK MB — See BEAUSEJOUR/AV-RANCH AIRPARK

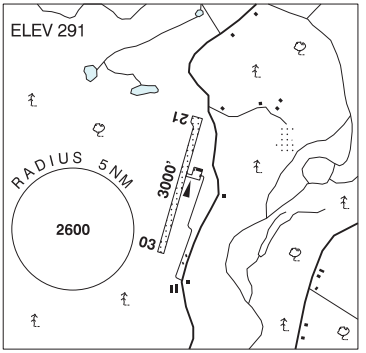
AYR / SARGEANT PRIVATE AIRFIELD ON CAY5

REF	N43 18 21 W80 29 57 2.6NW 10°W UTC-5(4) Elev 970' VTA A5000
OPR	Gavin Sargeant 519-748-5418/7480 Reg PPR
PF	B-1 C-2,3 D-4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 18(180°)/36(360°) 3047x90 GRASS Thld 36 displ 324' Rwy 18 down 3% Opr No win maint. Rwy may be soft early spring and late fall.
COMM **ATF**	tfc 123.2 5NM 4000 ASL
PRO	Rwy conditions must be confirmed with opr prior to use.
CAUTION	P-line, aprx 50 AGL, 335' N of thld of Rwy 18, marked. Trees on apch to Rwy 36.

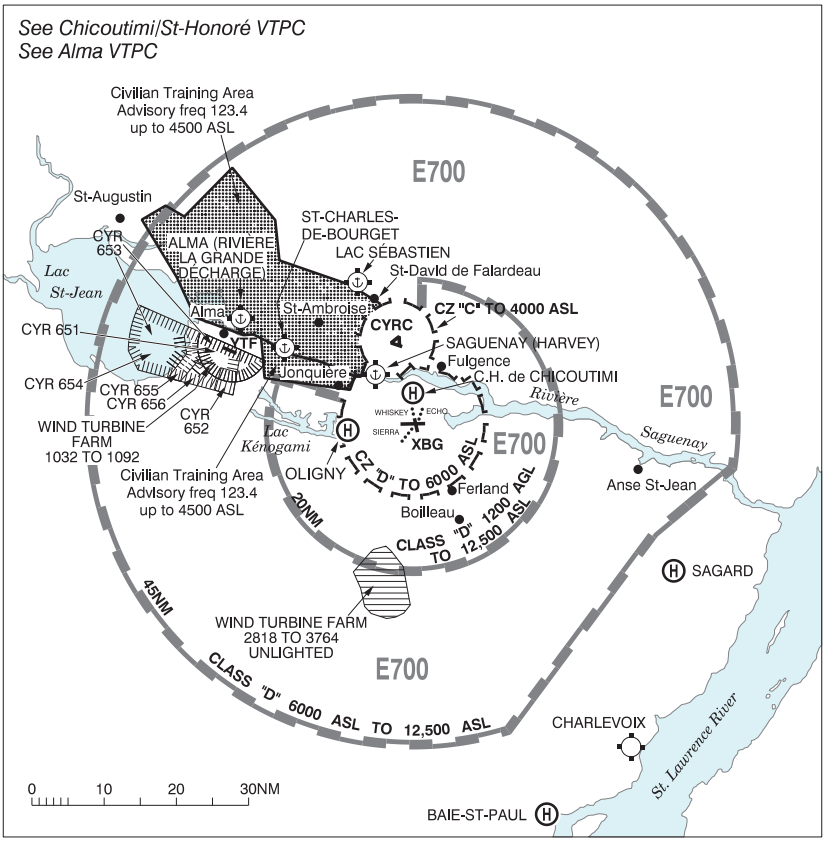


BADDECK (GUNEDEN) NS — CDW2

REF	N46 09 51 W60 47 03 3.1N 18°W (2015) UTC-4(3) Elev 291´ A5003 A5012
OPR	Guneden Place Ltd. 902-295-8558 Reg PPR
PF	B-1,2,5 C-3,4,6
FLT PLN **FIC** **ACC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES **FUEL** **S**	 100LL 4,5
RWY DATA **RCR**	Rwy 03(035°)/21(215°) 3000x60 GRVL Opr Ltd win maint, ctc opr
COMM **ATF**	 UNICOM ltd hrs O/T tfc 122.8 5NM 3300 ASL
PRO	Rgt hand circuits Rwy 03 (CAR 602.96).
CAUTION	Abrupt drop off thld Rwy 21, turbulence may be anticipated on apch to Rwy 21 under certain wind conds, be alert for seaplane activity in Baddeck Harbour 4.5NM SSE.



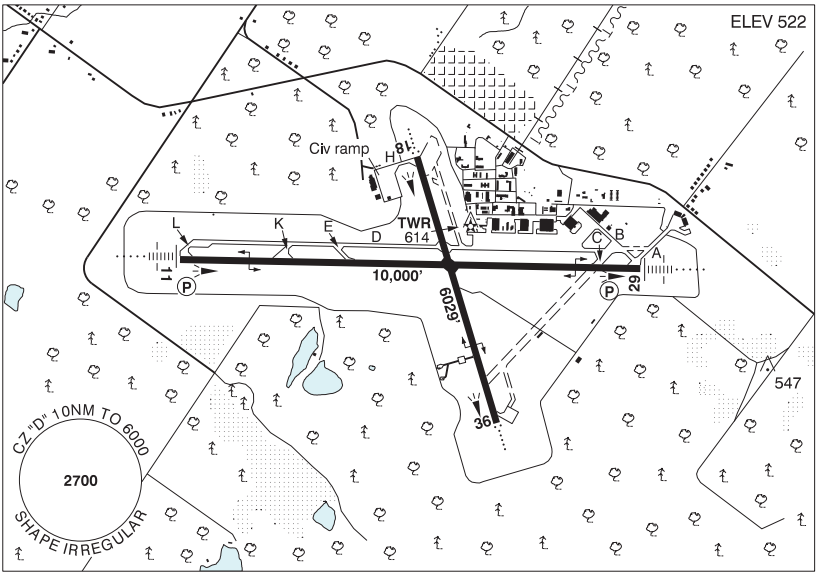
BAGOTVILLE VFR TERMINAL PROCEDURES CHART



BAGOTVILLE CLASS D AIRSPACE

In order to improve radar tml svcs at Bagotville, all acft with permanent transponder codes wishing to fly in class D airspace must ctc Bagotville tml on freq 121.2 before penetrating class D airspace. All VFR acft wishing to penetrate Bagotville's class D airspace and who have not filed a Flt Pln with arr or dep to/fr Bagotville TCA or St-Honoré can obtain a transponder code in flt on freq 121.2 before penetrating Bagotville's class D airspace or by phone at the following number 1-888-813-8508. This pro is eff daily. All Remotely Piloted Aircraft (RPA) users wishing to opr in CYBG class D airspace must contact the ops ctr at 418-677-7342

BAGOTVILLE QC — CYBG



REF	N48 19 50 W70 59 47 4.5W 18°W UTC-5(4) Elev 522´ A5010 LO7 HI5 HI6 CAP RCAP
OPR	DND (Aéroport Saguenay-Bagotville) Mil: Airlift msg or PN CSN 319-661-7342 Civ: 48hrs PN ctc both 418-677-7342 & 418-677-2651 ext 6900. Ldg fees, Mandatory hdlg fees
PF	A-1,2,3,6 C-4,5 48 hrs PN by tel for B-5 (Mil only)
CUST	AOE/M 3 Wg Ops PN mandatory CSN 319-661-7342, 418-677-4000 Ext 7342 PN dur opr hrs 12 to 72 hrs prior to ETA; AOE/30 418-698-5732, 888-226-7277 1300-2130Z‡ Mon to Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
MIL	418-677-7342, CSN 319-661-7342, NTAS 269-5342
WX	METAR H24. TAF H24, issue times: 00, 06, 12 & 18Z (plus 15 and 21Z dur mil flt ops). Met brief for mil only. Lcl Met Section CSN 661-7648. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM).

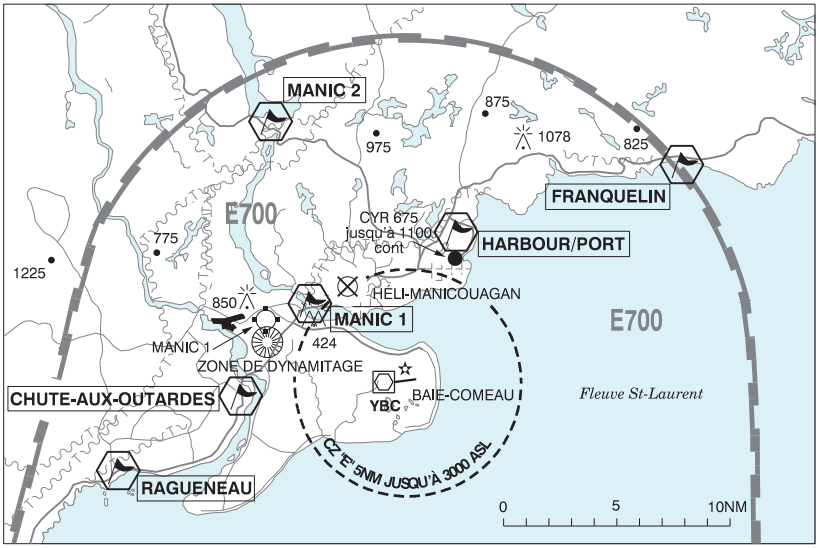
BAGOTVILLE QC (Cont'd) CYBG

SERVICES	Mil: All tran acft require PPR thru Wg Ops CSN 319-677-7342, NTAS 269-5342, 418-677-7342. Tran svcg 08-17 hrs lcl Mon-Fri exc hols, O/T by special arng. PN or Airlift msg rqrd. Tran svcg ltd to prkg, refuelling & starts. Tran aircrew rqrd to carry out own DI & supervise svcg, refuelling & pin installation. Crews & Pax who wish to exit & re-enter the CYBG GRA must obtain a GRA Visitor Pass from the guard shack on their way out. No access to CYBG GRA solely with a Pass from another base. CYBG GRA Passes must be returned prior to departure. Civ: PPR rqrd for all non CF acft, 48 hrs PN thru Wg Ops 418-677-7342. All civ acft require coord thru Trans-Sol Aviation 418-677-2227.
FUEL	100LL, JA-1 (FSII avbl), F-34, SP
OIL	123, 128, 133, 148, 156, SOAP, (15W50, W80 avbl dly at civ tml thru Avjet 418-677-2555 Page 418-693-7116)
S	1 (ltd),2,3. Fleet svc avbl 48 hrs thru Wg Ops. Civ: Fleet svc via Trans-Sol Aviation 418-677-2227. Civ4 (ltd), 6
ARFF	CAT 5
SUP FL	D & A ice, LHOX, LOX
JASU	CE1,3,13,15,16, CA2, CEA1,2
MIL ADV	Wg Ops 264.6 All tran mil acft call stating requirements 10 min prior to ldg
PVT ADV	Trans-sol 122.9 418-677-2227
RWY DATA	Rwy 11(109°)/29(289°) 10000x150 asphalt/concrete Rwy 18(181°)/36(001°) 6029x150 asphalt RAG: Rwy 11 BAK-12 Smart Arrest, B, (1500'); Rwy 29 BAK-12 Smart Arrest, B, (1500'); Rwy 36 BAK-12 Smart Arrest (1600')
RCR	Opr Hydroplaning may occur on Rwy 11/29 (mostly at intxn Rwy 18/36) dur hvy or prolonged precipitation. CRFI, PLR/PCN. Rwy 11/29 PCN 91/F/A/W/T. Rwy 18/36 PCN 54/F/A/W/T.
LIGHTING	11-AN(TE HI) P2 GPI 1000' TCH 52', 29-AN(TE HI) P2 GPI 1000' TCH 55', 18-AO(TE HI), 36-AO (TE HI)
COMM	(bil) Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS.
ATIS	124.2 (English) 125.8 (French) 302.5
CLNC DEL	119.0 384.5
GND	121.7 275.8
TWR	126.2 236.6 337.7 (E)
TML	127.2 227.6 (E)
VFR ADV	121.2
PMSV	344.6 ltd hrs.
NAV	
NDB	YBG 356 N48 20 02 W71 08 46
TACAN	XBG 111.8 Ch 55 N48 19 46 W70 59 44 (531´) Unrel btwn 030°-080° & 200°-250° beyond 35NM below 6000'. Preventive maint 12-16Z‡ each Thu.
ILS	ITV 110.15 (Rwy 11) RVR, IBG 111.5 (Rwy 29) Preventive maint each Wed 17-21Z‡ exc dur IFR & hols.

BAGOTVILLE QC (Cont'd) CYBG

PRO	Rgt hand circuits Rwys 11 & 18 (CAR 602.96). Tfc ptn alts heli 1000 ASL, convl 1500 ASL, jet fighter acft 2000 ASL. In VMC, VFR & IFR acft shall not on dep or on the overshoot exceed 1500 ASL til dep end of rwy. No civ tng flt permitted btwn 2100 & 0700 hrs lcl. Rwy 11, civ acft expect dep fr Twy K to avoid RAG, advise if unable. Rwy length remaining fr Twy K 7800', 6300' before the RAG. Aircraft blast avoidance procedure Rwy 29: When East RAG is in operation, backtrack Rwy 29, conduct 180º turn in front of the RAG, directing engine blast toward the South at all times. Precision approach radar (Mil Only) RWY 36 unavailable from 15 Nov to 15 Apr due to winter conditions.
HELI	VFR, arr/dep req Echo, Sierra or Whiskey rtes. See VTPC. Echo, remain N of rwy 11/29. Sierra, remain S of rwy 11/29 til cleared by ATC. Whiskey, remain N of rwy 11/29. Dep maintain 500 AGL within 5NM of aprt or as cleared by ATC. Arr maintain 500 AGL within 1NM of aprt. De-Icing - All aircrew to arrange de-icing through 3 Wg Ops Ctr at 418-677-7283. Terminal Area Surveillance Radar preventive maint 0130-0530Z‡ each Wed. **Aerial/Photo Survey Ops:** CYBG MTCA - 48hrs PN. CYR/CYA - 7 days PN. All req via: coe@forces.gc.ca. For info ctc 3 Wg Flt Planning Ctr at 418-677-4000 ext: 7342.
CAUTION	Extv jet fighter acft tfc in tml area. Extv gliding to 3500 ASL N of Rwy 11/29 W of Rwy 18/36 within 3NM wknds & hols May-Oct, dly Jul-Aug. Avoid St-Honoré CZ 4NM N (to 4000 ASL), Twr 118.4/237.4. Ocsl low lvl NORDO paramotor activities in the vic of Bagotville A/D.

BAIE-COMEAU VFR TERMINAL PROCEDURES CHART

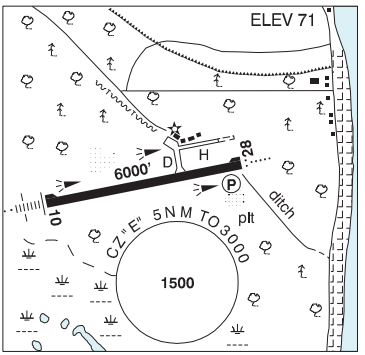


BAIE-COMEAU VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CHUTE-AUX-OUTARDES	VCHUT	N49° 07' 31" W068° 23' 34"
FRANQUELIN	VCFRN	N49° 17' 35" W067° 53' 59"
HARBOUR/PORT	VCHBR	N49° 13' 59" W068° 07' 53"
MANIC 1	VCMNC	N49° 11' 28" W068° 19' 46"
MANIC 2	VCMNK	N49° 19' 14" W068° 20' 52"
RAGUENEAU	VCRAG	N49° 04' 12" W068° 32' 03"

BAIE-COMEAU QC — CYBC

REF	N49 07 57 W68 12 16 5SSW 18°W (2015) UTC-5(4) Elev 71´ A5010 LO7 HI6 CAP
OPR	MRC Manicouagan 418-589-9177 1030-0230Z‡ Mon-Fri; 13-21Z‡ Sun O/T 2 hrs PN 855-295-8585 Cert Tml use fees, Ldg fees
PF	A-1,2,3,6,7 C-5 D-4
CUST	AOE/CAN
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam



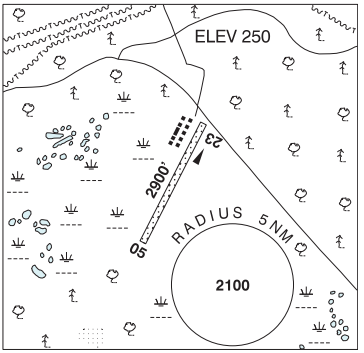
SERVICES	Chg may be levied for svcs
FUEL	100LL, JA-1, HPR
OIL	15W50
S	1,2,3,4,5,6
SUP FL	D-ice Type I, IV 3 hrs PN
JASU	10/15
PVT ADV	AVJET 123.0 13-21Z‡ Mon-Fri O/T 1 hr PN 418-589-8923.
RWY DATA	Rwy 10(098°)/28(278°) 6000x150 ASPH
RWY CERT	Rwy 10/28 AGN IV
TWY CERT	Twy H AGN IIIB
TWY	Twy H 35´ wide uncontrolled.
RCR	Opr 09-01Z‡ Mon-Fri exc hols O/T 3 hrs PN 855-295-8585 CRFI, PLR/PCN No win maint on Twy H.
LIGHTING	10-AN(TE HI), 28-AO(TE HI) P2 ARCAL-118.3 type K
COMM	(bil)
RCO	Mont-Joli rdo 118.3 PTC avbl (RAAS)
MF	Mont-Joli rdo 118.3 5NM 3000 ASL (CAR 602.98)
AWOS	125.85 (English) 128.15 (French)
NAV	
VOR/DME	YBC 117.7 Ch 124 N49 08 02 W68 13 19 (102´)
ILS	IBC 110.3 (Rwy 10) RVR LOC reliable only within 10° either side of centreline.

BAIE-COMEAU QC (Cont'd) CYBC

PRO	Acft prkg S of ramp.
CAUTION	Periodic blasting ops 6.5NM NW & 6NM N of aprt.

BAIE-COMEAU (MANIC 1) QC CSL9

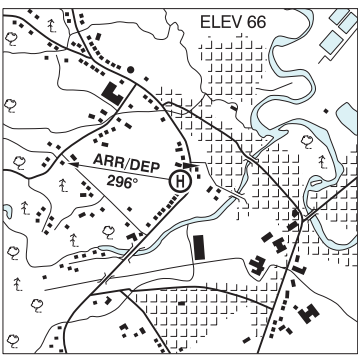
REF	N49 11 04 W68 21 45 2SSW 18°W (2015) UTC-5(4) Elev 250´ A5010
OPR	Association des pilotes de Manicouagan 418-296-5359 Reg PPR
PF	C-1,2,3,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 05/23 2900x75 sand Opr Ltd maint



COMM **ATF**	tfc 123.2 5NM 3300 ASL outside CYBC MF (118.3)
PRO	Rgt hand circuits Rwy 23 (CAR 602.96).
CAUTION	Ultra-light acft activity. Antenna 850 ASL 1.5NM NW. Blasting periodical 1.2NM SSW.

BAIE-ST-PAUL QC (Heli) CTD4

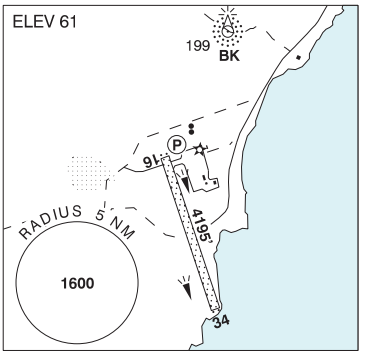
REF	N47 26 36 W70 30 59 Adj 17°W (2014) UTC-5(4) Elev 66' A5002
OPR	Compagnie Tremblay Ltée 418-435-2935 Cert PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	1,4,6
HELI DATA	FATO 64' x 64' GRASS TLOF 64' dia GRASS Safety Area 85' x 85' Max heli overall length 42.7'



COMM **ATF**	tfc 123.2 5NM 3100 ASL
PRO	Arr/dep 296° fr heli only (CAR 602.96), first segment slope 6% (H3).
CAUTION	Extv glider activity Sep-Oct.

BAKER LAKE NU — CYBK

REF	N64 17 56 W96 04 40 3SW 3°W (2012) UTC-6(5) Elev 61´ A5031 A5037 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-793-2931
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z.

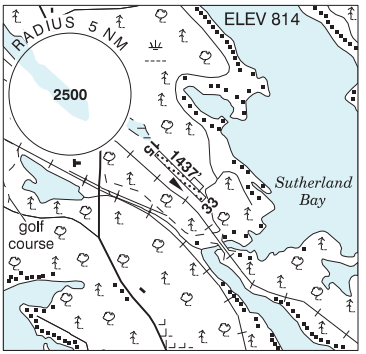


SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL(D), JB(D), JA thru CARS or 867-793-2234/2928/2905. Visa & Mastercard accepted
S	6
RWY DATA	Rwy 16(162°T)/34(342°T) 4195x100 gravel Rwy 34 up 1.17%
RWY CERT	Rwy 16/34 AGN IIIA
RCR	Maint contractor 867-793-2931. A/D maint avbl 14-23Z‡ Mon-Fri. O/T 12 hrs PN, call out chg. CRFI PLR/PCN.
LIGHTING	16-AS(TE ME) P1, 34-AS(TE ME) P1 (see CAUTION)
COMM	
RCO	Edmonton rdo 122.375 (FISE) 5680 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V)
NAV	
NDB	BK 224 (M) N64 18 53 W96 03 53
VOR/DME	YBK 114.5 Ch 92 N64 19 17 W96 06 17 (338') VOR oriented on True North
PRO	Terrain rises steeply to aprx 430 ASL 1.5NM NW & aprx 400 ASL 3.5NM N of A/D. Flight below 600 ASL to remain on or E of rwy centreline for apch Rwy 16 & dep Rwy 34.
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1345Z & 2315Z-0145Z. Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge).

BALA ON

CBL8

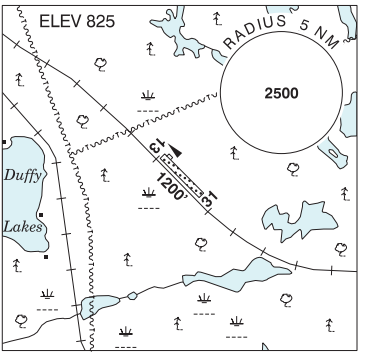
REF	N45 01 51 W79 37 05 Adj NNW 11°W (2015) UTC-5(4) Elev 814' A5000
OPR	Ron Brent 705-644-7040 Reg PPR
PF	C-1,2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15(146°)/33(326°) 1437x60 GRVL Opr Ltd win maint. Rwy may be soft in spring.
COMM ATF	tfc 122.8 2NM 3800 ASL
PRO	Right hand circuits Rwy 15 (CAR 602.96)
CAUTION	Twr 1087 ASL (303 AGL) 0.8 NM NW of A/D.



BALA (MEDORA LAKE) ON

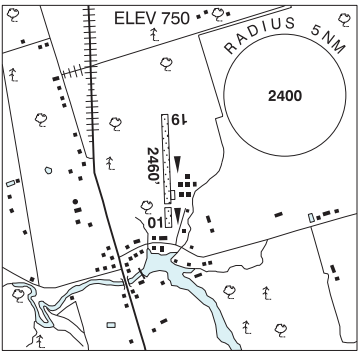
CME3

REF	N45 03 51 W79 40 47 4NNW 11°W (2018) UTC-5(4) Elev 825' A5000
OPR	Ron Brent 705-644-7040 Reg PPR
PF	D-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 13(130°)/31(310°) 1200x40 GRVL Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 122.8 2NM 3900 ASL
CAUTION	Trees aprx 60 AGL 290' NW Thld 13 and 500' SE Thld 31. Railroad tracks aprx 50' WSW parallel to rwy.



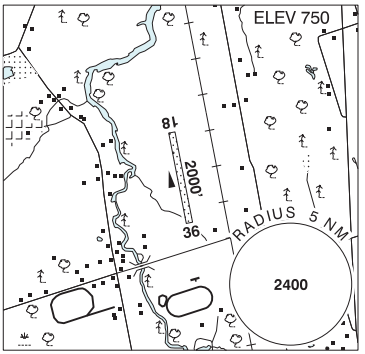
BALDWIN ON — CPB9

REF	N44 16 02 W79 20 26 0.3E 11°W UTC-5(4) Elev 750´ VTA A5000
OPR	I.P.C.F. Baldwin Airport 416-709-4861 or 416-877-5276 Reg Access code rqrd, ctc opr
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **S**	1,2,4,5
RWY DATA **RCR**	Rwy 01(013°)/19(193°) 2460x100 GRASS Thld 01 displ 430´. Opr Ltd win maint. Soft when wet.
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 01 (CAR 602.96).
CAUTION	2 twrs lgtd aprx 3NM NE 900 ASL. P-line aprx 40 AGL aprx 500' fr Thld 01. Trees W & S fr Thld 01. Ditches along rwy sides. Many NORDO & ultra-light acft in vicinity. Rwy sfc uneven.



BALDWIN WEST ON — CBW8

REF	N44 16 39 W79 21 42 Adj NW 11°W (2012) UTC-5(4) Elev 750´ VTA A5000
OPR	Donald Williams 905-955-4034 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 18(180°)/36(360°) 2000x75 GRASS Opr Ltd win maint. Rwy soft in spring and when wet.
COMM **ATF**	tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 18 (CAR 602.96)
CAUTION	Baldwin (CPB9) A/D 0.9NM ESE. Parachuting over CPB9 11,500 & blw advertised by NOTAM. Many NORDO & ultra-light acft in vic.

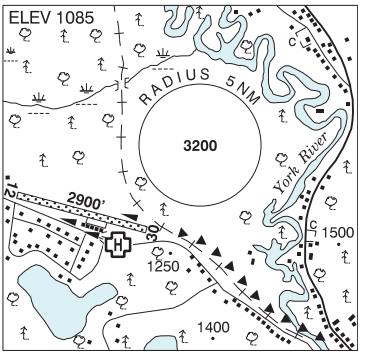


BALSAM LAKE ON — See KIRKFIELD / BALSAM LAKE

BANCROFT ON

CNW3

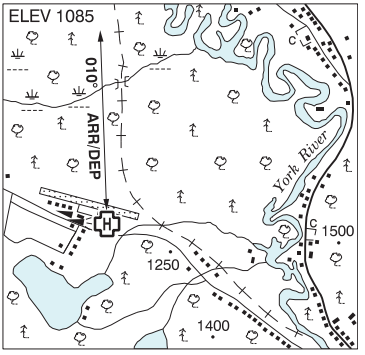
REF	N45 04 23 W77 52 50 Adj NW 12°W UTC-5(4) Elev 1085´ A5000
OPR	Bancroft Flying Club 613-332-1446 Charles Burkholder (APM) 613-334-1431 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC WX	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) WxCam
SERVICES FUEL OIL S	Check with opr for availability of svcs 100LL, JA 20W50 2,5,6
RWY DATA RCR	Rwy 12/30 2900x40 Compacted GRVL/GRASS Rwy 12 first 500' GRASS Opr Ltd win maint
COMM ATF	 UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL
PRO	Dep rwy 12: Straight-out rstd to acft capable of climb of 700´/NM. Other acft follow dep route SE along river to safe alt. Restriction due to hi terrain 1500 ASL on apch Rwy 30/dep Rwy 12.



BANCROFT (NORTH HASTINGS DISTRICT HOSP) ON (Heli)

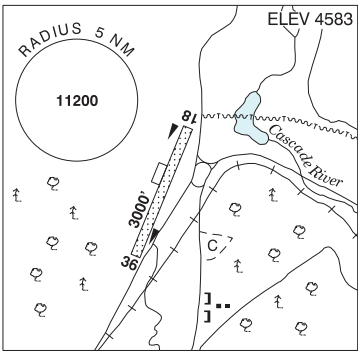
CPB7

REF	N45 04 17 W77 52 44 Adj NW 12°W UTC-5(4) Elev 1085´ A5000
OPR	Quinte Health Care 613-969-7400 Reg PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86' dia 114' dia Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL) ARCAL-123.45 type J
COMM UNICOM	 122.8 Ltd hrs
PRO	Day arr/dep Rwy 12/30, then air taxi to helipad. Ngt arr/dep 010° fr heli.



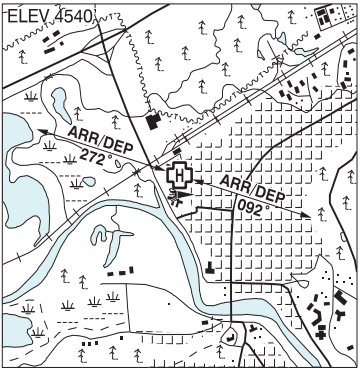
BANFF AB — CYBA

REF	N51 12 W115 32 1.7NNE 16°E (2012) UTC-7(6) Elev 4583′ A5005
OPR	Parks Canada 403-762-4506 Reg PPR for tkof
PF	C-2,3,4,5,6
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 18/36 3000x190 GRASS/SNOW Opr Ltd maint
COMM RCO ATF PAL	 Edmonton rdo 123.55 (FISE) 126.7 (bcst) tfc 123.3 5NM 7600 ASL Edmonton Ctr 133.75
PRO	Avoid flying over town of Banff, follow Trans-Canada Hwy. A/D to be used for emerg only. National Parks Acft Access Regulations being enforced.
CAUTION	Numerous gopher holes and wildlife on rwy. Moderate to severe subsidence, turbulence & wind shear may be encountered. Take-off Rwy 36 not recommended, tall trees & rapidly rising terrain N of A/D. Heli A/D 0.5NM S of rwy. High density heli tfc in Banff-Canmore area, see Canmore VTPC.

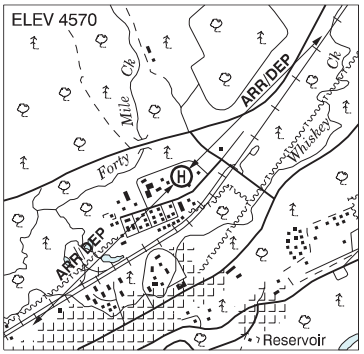


BANFF MINERAL SPRINGS (HOSP) AB (Heli) — CBM7

REF	N51 10 47 W115 34 34 Adj NW 15°E (2013) UTC-7(6) Elev 4540' A5005
OPR	Alberta Health Services - Mineral Springs Hospital 403-762-2222 Cert NVIS OPS AUTH PPR
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA RCR	FATO/TLOF 66' dia ASPH Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96) Opr
COMM RCO ATF	 Edmonton rdo 123.55 (FISE) 126.7 (bcst) tfc 123.3 5NM 7600 ASL
PRO	Arr/dep 092° fr heli (H1), NVIS rqrd for night use (CAR 602.96). Arr/dep 272° fr heli, slope 8% (H3), NVIS rqrd for night use (CAR 602.96)



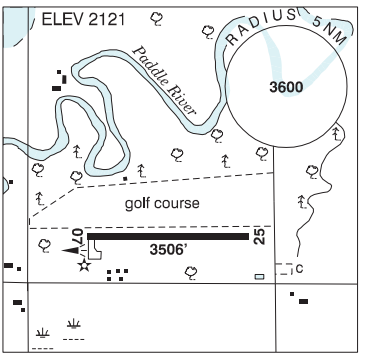
BANFF (PARK COMPOUND HELIPORT) AB (Heli) CBP2



REF	N51 11 30 W115 33 30 15°E (2013) UTC-7(6) Elev 4570´ A5005
OPR	Parks Canada 403-762-1470 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	WxCam
SERVICES	
FUEL	Jet B (Alpine Helicopters)
PVT ADV	Banff Park Ops 403-762-1470 15-22Z‡
HELI DATA	FATO 70' x 70' GRVL TLOF 12' x 12' CONC Safety Area 100' x 100' Heli located inside National Park & requires restricted activity permit prior to landing.
RCR	Opr Win snow removal.
COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATF	tfc 123.3 5NM centred on Banff aprt 1.25NM NE 7600 ASL
PAL	Edmonton Ctr 133.75
PRO	Arr/dep use NE/SW (H3)
CAUTION	High density heli tfc in Banff-Canmore area, see Canmore VTPC.

BANGA AIR SK — See SASKATOON / BANGA AIR

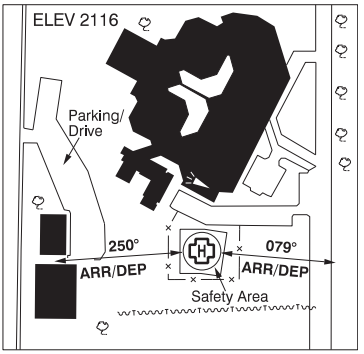
BARRHEAD AB CEP3



REF	N54 05 49 W114 26 20 1.7SW 16°E (2013) UTC-7(6) Elev 2121´ A5015 LO1 RCAP
OPR	County of Barrhead 780-674-3331 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM)
SERVICES	
FUEL	100LL 780-674-2211/6340/0142
RWY DATA	Rwy 07(074°)/25(254°) 3506x100 ASPH
RCR	Opr Ltd maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5200 ASL
AUTO	122.55

BARRHEAD (HEALTHCARE CENTRE) AB (Heli) CHC3

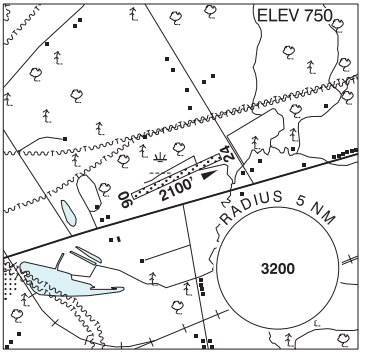
REF	N54 07 06 W114 24 01 Adj 16°E (2013) UTC-7(6) Elev 2116' A5015
OPR	Barrhead Healthcare Centre 780-674-2221 ctc Emerg Dept 1430-2300Z‡ Mon-Fri O/T 780-674-0010 Cert NVIS OPS AUTH PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 67' dia CONC TLOF 33' dia CONC Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96)



COMM ATF	tfc 123.2 5NM centred on Barrhead land A/D 2.0NM SW 5200 ASL
PRO	Arr/dep 079° & 250° fr heli (H1) NVIS rqrd for ngt use, all flt paths (CAR 602.96).
CAUTION	P-lines S of pad.

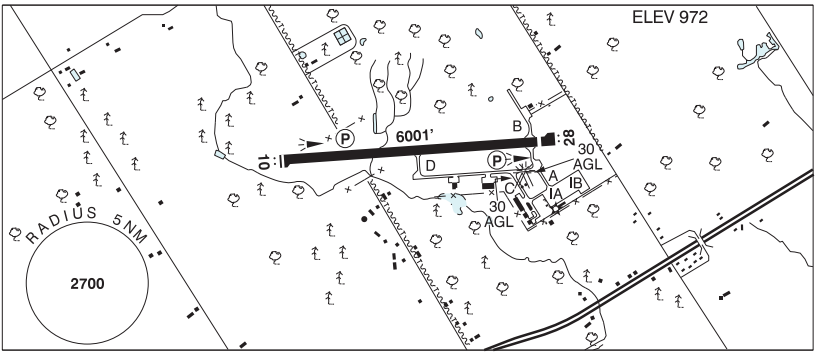
BARRIE / GRENFEL FIELD ON CGF7

REF	N44 21 12 W79 47 27 5WSW 10°W (2020) UTC-5(4) Elev 750´ A5000
OPR	Joseph Matys 705-333-1396 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 06/24 2100x60 GRASS Opr No win maint
COMM ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 4000 ASL



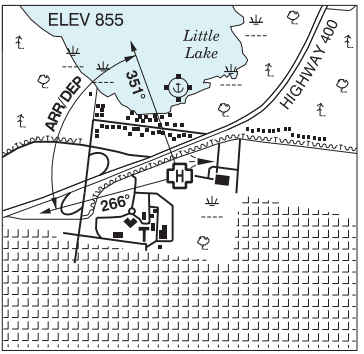
PRO	Rgt hand circuits Rwy 06 (CAR 602.96).
CAUTION	P-Lines on apch Rwy 24. Trees on Thld 06.

BARRIE-ORILLIA / LAKE SIMCOE ON CYLS



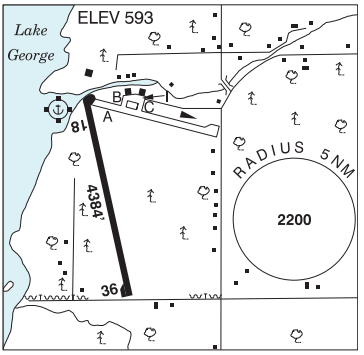
REF	N44 29 10 W79 33 20 2.1NW 11°W UTC-5(4) Elev 972' A5000 LO6 HI5 CAP RCAP
OPR	County of Simcoe 705-487-0999 Reg Ldg fees for acft abv 3000 kg max tkof wt.
PF	B-1,2,3,6,7,8 D-4,5
CUST	AOE/24 (cost recovery) 888-226-7277 12-22Z‡, Mon-Fri excess of 15 pax 12-02Z‡
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO 705-487-6231 (see COMM)
SERVICES	12-02Z‡ Apr-Oct, 12-24Z‡ Nov-Mar, O/T call out chg.
FUEL	100LL Avfuel FBO, JA-1 (FSII avbl) Chartright, SP
OIL	15W/50, W100
S	1,2 (ltd),4,5,6
SUP FL	D & A-ice Avfuel FBO
JASU	CE16
PVT ADV	Avfuel FBO 122.7 705-487-0999, Chartright 129.475 905-672-3016
RWY DATA	Rwy 10(097°)/28(277°) 6001x148 ASPH Thld 28 displ 303' Thld 10 displ 43' Rwy 10 first half down 0.8% AGN IIIA
APRON	Apron IB rstd to 15,000 lbs or less.
RCR	Opr Win maint 12-02Z‡, O/T 3 hrs PN call out chg, PLR/PCN.
LIGHTING	10-AS(TE HI) P2, 28-AS(TE HI) P2 ARCAL-122.7 type K AS lgt avbl on ME and HI ints only.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 4000 ASL
AUTO	122.55
NAV	
DME	MIDLAND YEE 112.8 Ch 75 N44 34 54 W79 47 36 (996´)
PRO	Rgt hand circuits Rwy 10 (CAR 602.96).
CAUTION	Twr 3NM NW of A/D 420 AGL, 1634 ASL. Possible win maint eqpt on rwy outside ops hrs. Ocsl wildlife on rwy.

BARRIE (ROYAL VICTORIA HOSP) ON (Heli) CRV2



REF	N44 24 52 W79 39 57 Adj 11°W (2014) UTC-4(5) Elev 855´ A5000
OPR	Royal Victoria Regional Health Centre 705-728-9802 Cert PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86´ dia CONC Safety Area 114´ x 114´ (4´ perimeter fencing) Max heli overall length 57.5´ Opr
LIGHTING	RY(LO) RF(FL) DR ARCAL 123.2 type J
PRO	Arr/dep 266° to 351° fr heli. Slope 8% (H2), day/night use.

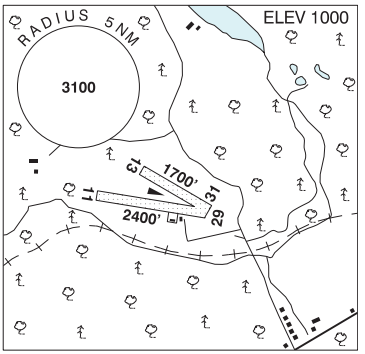
BAR RIVER ON CPF2



REF	N46 25 08 W84 05 54 3.3WSW 7°W UTC-5(4) Elev 593´ A5001 LO4 CAP
OPR	Springer Aerospace Ltd 1-877-603-6633, 705-822-9463 Reg PPR
PF	B-1 D-2,3,4,5,6
CUST	AOE/CAN
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL	Avbl Mon-Fri 1230-2100Z‡ 100LL, JA-1 All
RWY DATA RCR	Rwy 18(178°)/36(358°) 4384x75 asphalt. Opr Ltd win maint
COMM RCO ATF	 London rdo (Sault Ste. Marie) 123.475 (FISE) 126.7 (bcst) UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL
NAV VOR/DME	 SAULT STE. MARIE SSM 112.2 (T) Ch 59 N46 24 44 W84 18 54
CAUTION	Ditch plus road 60´ fr Thld 36 trees on apch to Rwy 18.

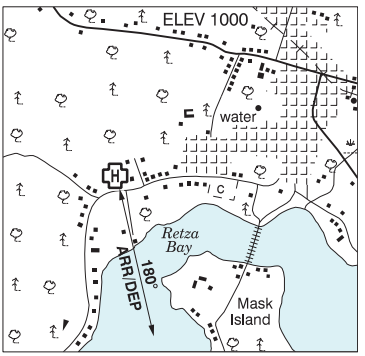
BARRY'S BAY / MADAWASKA VALLEY AIRPARK ON — CNZ4

REF	N45 30 W77 39 3NE 13°W UTC-5(4) Elev 1000´ A5000
OPR	Dr. H. H. Chapeskie 519-872-0109 henry.chapeskie@gmail.com Reg PPR
PF	C-1,2,4,5 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 11/29 2400x140 GRASS Rwy 13/31 1700x200 GRASS Opr No win maint
LIGHTING	29-(RR) Ltd hrs ctc Opr
COMM **ATF**	tfc 123.2 5NM 4000 ASL
CAUTION	Possibility of deer on rwy.



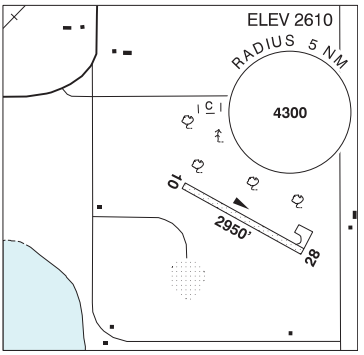
BARRY'S BAY (ST. FRANCIS MEM HOSP) ON (Heli) — CPV6

REF	N45 28 55 W77 41 44 Adj W 13°W UTC-5(4) Elev 1000´ A5000
OPR	St. Francis Mem Hosp 613-756-3044 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia ASPH Safety area 137' x 129' Max heli overall length 57.3' Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 180° fr heli, slope 8% (H3), day/night use



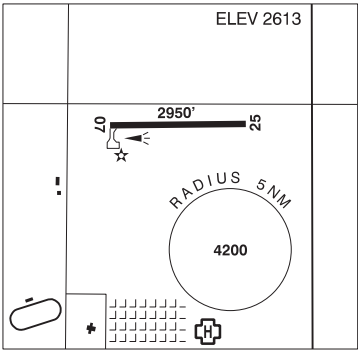
BASHAW AB — CFK2

REF	N52 33 27 W112 57 53 1.5S 15°E (2012) UTC-7(6) Elev 2610´ A5015
OPR	Town 780-372-3911 Reg
PF	A-1 C-2,4,5 D-3,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10(105°)/28(285°) 2950x75 GRASS
RCR	Town Foreman 780-781-4786 Ltd win maint
COMM ATF	tfc 123.2 5NM 5700 ASL
PRO	Overfly rwy prior to ldg.
CAUTION	Deer in vic of aprt.

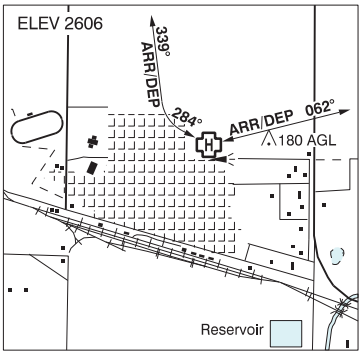


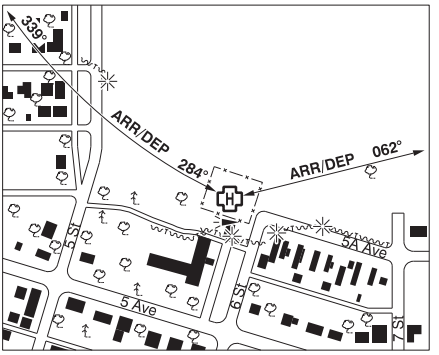
BASSANO AB — CEN2

REF	N50 48 W112 28 0.5N 14°E (2013) UTC-7(6) Elev 2613´ A5005
OPR	Town 403-641-3788 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(076°)/25(256°) 2950x75 asphalt
RCR	Opr Ltd win maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5700 ASL
PRO	Overfly rwy to check cond prior to ldg. Rgt hand circuits Rwy 25 (CAR 602.96).



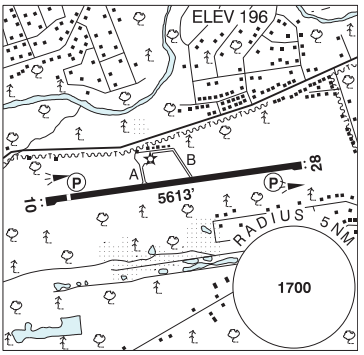
BASSANO (HEALTH CENTRE) AB (Heli) CBL4





REF	N50 47 26 W112 27 39 Adj N 14°E (2014) UTC-7(6) Elev 2606' A5005
OPR	Bassano Health Centre 403-641-6100 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 65' dia CONC/GRASS TLOF 35' dia CONC Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
LIGHTING	RW(ME) yellow
COMM	
ATF	tfc 123.2 5NM 5700 ASL centred on Bassano A/D 0.5NM N.
PRO	Arr/dep 062° fr heli, slope 16% (H2), day/night use (CAR 602.96). Arr/dep curved 284° to 339° fr heli, slope 16% (H2), day/night use (CAR 602.96).
CAUTION	180' antenna twr 1970' NE pad. P-lines fr 500' SE to 250' SW adj heli.

BATHURST NB — CZBF



REF	N47 37 46 W65 44 25 3WNW 18°W (2017) UTC-4(3) Elev 196' A5003 LO8 HI6 CAP
OPR	Northern New Brunswick Authority Inc 506-549-5050/9775 1200-2330Z‡ O/T 2 hr PN 506-549-9775, call out chg may apply Cert Ldg fees
PF	A-1,2,3,5,6,7 C-4
CUST	AOE/15 1-888-226-7277 1230-2030Z‡ Mon-Fri exc hols
FLT PLN	
FIC	(bil) Québec 866-WXBRIEF or (French) 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR AUTO H24 (see COMM) ALTIMETER 1200-2330Z‡ O/T 2 hr PN 506-549-9775 (see COMM) TAF 10-04Z‡, issue times: 10, 14, 20, 02Z‡. WxCam
SERVICES	
FUEL	JA-1, SP
S	4,5,6
SUP FL	D-ice
JASU	10/15
RWY DATA	Rwy 10(100°)/28(280°) 5613x100 ASPH Thld 10 displ 462' Rwy 10 down 0.41% RESA: 10/28 492'
RWY CERT	Rwy 10/28 AGN IIIA
TWY CERT	Twy B AGN I
TWY	Twy B day use only, no win maint, clsd Nov 1 - Apr 30
RCR	Opr CRFI
LIGHTING	10-AS(TE ME) P2, 28-AS(TE ME) P2 ARCAL-122.8 type K
COMM	
RCO	(bil) Québec rdo 123.475 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) 122.8 5NM 3200 ASL 1200-2330Z‡ O/T 2 hr PN 506-549-9775
AWOS	127.925

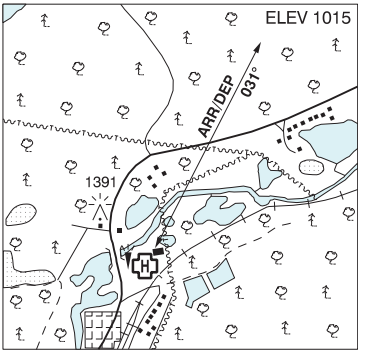
BAWLF (BLACKWELLS) AB — CFR2

REF	N52 53 36 W112 32 46 4SW 15°E (2012) UTC-7(6) Elev 2325´ aprx VTA A5015
OPR	R. Blackwell 780-679-7342 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(165°)/34(345°) 4000x50 GRASS
RCR	Opr No win maint

BAWLF (BLACKWELLS) AB (Cont'd) CFR2

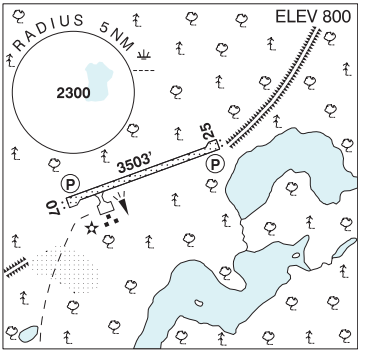
COMM	
ATF	tfc 123.2 5NM 5400 ASL
CAUTION	Radio ctl model acft activity N end A/D.

BEARDMORE (HEALTH CENTRE) ON (Heli) CPY3



REF	N49 36 29 W87 57 18 Adj N 5°W UTC-5(4) Elev 1015´ A5008
OPR	Municipality of Greenstone 807-854-8200/8637 Reg PPR
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 86' x 86' ASPH TLOF 30' x 30' ASPH Safety Area 114' x 114' Max heli overall length 57.3´
LIGHTING	RY(LO) RF(FL)
COMM **A/G**	Ambulance dispatch 129.275
PRO	Arr/dep 031° fr heli.

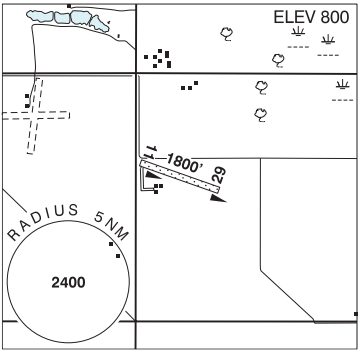
BEARSKIN LAKE ON CNE3



REF	N53 57 56 W91 01 38 3NW 4°W (2010) UTC-6(5) Elev 800´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-363-1071 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) WxCam
RWY DATA **RWY CERT** **RCR**	Rwy 07(069°)/25(249°) 3503x100 gravel Rwy 07/25 AGN IIIA Aprt Foreperson 807-633-8030 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	07-AS(TE ME) AP, 25-AS(TE ME) AP ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 3800 ASL

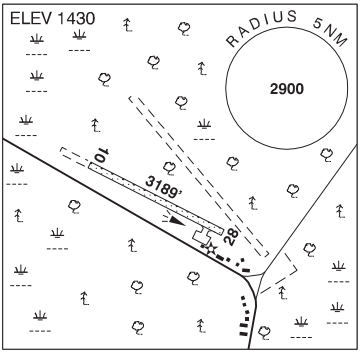
BEAUSEJOUR / AV-RANCH AIRPARK MB — CAV6

REF	N50 02 28 W96 35 09 3WSW 4ºE UTC-6(5) Elev 800' VTA A5007
OPR	Ken Chornopyski 204-999-2986 Reg PPR
PF	B-1,2,3,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	4,5
RWY DATA **RCR**	Rwy 11/29 1800x60 GRASS Opr Ltd win maint
COMM **ATF**	tfc 123.2 3NM BLW 3000 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	Public road under apch to Rwy 11. Rwy may be soft after heavy rain. Ultralight activity and tng at A/D.



BEAUVAL SK — CJK3

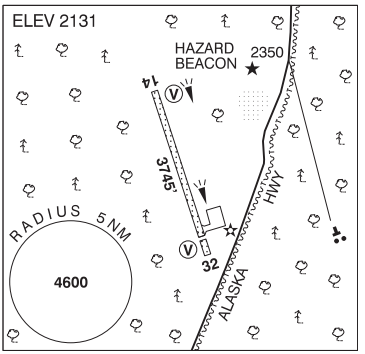
REF	N55 06 37 W107 42 59 4SW 12°E (2013) UTC-6 Elev 1430´ A5015 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	6
RWY DATA **RCR**	Rwy 10(099°)/28(279°) 3189x75 gravel District office 306-236-7650 or Opr Ltd win maint Rwy strength & cond subject to seasonal and/or climatic vars.
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 4500 ASL



BEAVER CREEK YT

CYXQ

REF	N62 24 38 W140 52 09 1NW 19°E (2018) UTC-7 Elev 2131´ A5028 A5099 LO5 CAP
OPR	Govt of Yukon 867-993-7709 or 867-634-2046 Reg
PF	A-1 C-1,2,4,5
CUST	AOE/15 888-226-7277 15-07Z May-Oct
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-862-7282 Ltd hrs (see COMM) Fax 867-862-7283
WX	METAR dur CARS hrs (see COMM) O/T LWIS

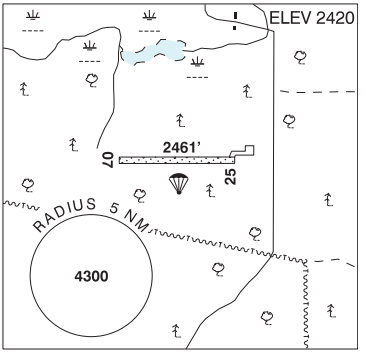


SERVICES	Fuel stor by permit only ctc opr
S	4,5,6
RWY DATA	Rwy 14(143°)/32(323°) 3745x100 gravel Thld 32 displ 341' Rwy 14 up 0.43% AGN II
RCR	CARS, dur CARS hrs ops (see COMM) Ltd maint. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	14-(TE LO) V1, 32-(TE LO) V1 ARCAL-122.1 type J. Ngt ops not recommended unless hazard beacon oprg.
COMM	
RCO	Whitehorse rdo 123.475 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 5200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 16-22Z
PRO	Rgt hand circuits Rwy 14 (CAR 602.96).
CAUTION	Hill 0.5NM NE aprt. Extv migratory bird activity Apr-Nov.

BEAVERLEY BC

CBA8

REF	N53 51 20 W122 54 27 2.5N 19°E (2012) UTC-8(7) Elev 2420´ A5014
OPR	Cyr's Recreational Avn Park 250-964-8228 or 250-617-8228 Reg
PF	B-1 C-2 D-3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	2,4,5
RWY DATA	Rwy 07(071°)/25(251°) 2461x50 gravel
RCR	Opr Jun-Sep No win maint. Rwy soft in spring & fall.

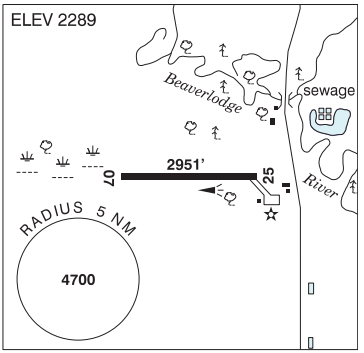


BEAVERLEY BC (Cont'd) CBA8

COMM	
ATF	tfc 122.8 2NM 4000 ASL
CAUTION	Parajumping in area to 12,500 ASL by NOTAM. 80´ trees 100´ S rwy. Wildlife ocsl on rwy.

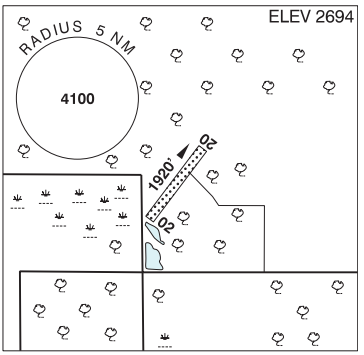
BEAVERLODGE AB CEU2

REF	N55 11 04 W119 26 51 2S 18°E (2014) UTC-7(6) Elev 2289´ A5014
OPR	North Peace Bracket Racing Association 780-831-6034 Reg
PF	C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(072°)/25(252°) 2951x75 asphalt
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 5300 ASL
CAUTION	Motor sport activities on paved areas by NOTAM. Wildlife and/or eqpt in vic of rwy.



BEAVERLODGE / CLANAECHAN AB CLN4

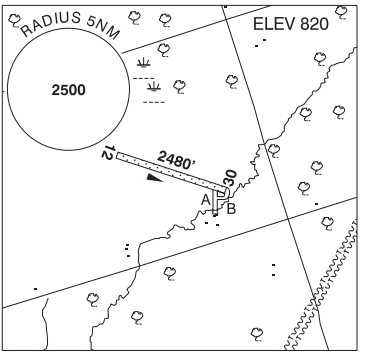
REF	N55 14 04 W119 50 31 5SW 19°E (2011) UTC-7(6) Elev 2694' A5014
OPR	Jim Leask 780-356-2928 Reg PN
PF	C-1 D-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 02(018°)/20(198°) 1920x100 GRASS Rwy 02 slopes up 1.6%
RCR	Opr May-Oct. No win maint.
COMM	
ATF	tfc 123.2 5NM 5700 ASL
CAUTION	Wildlife in vic. Fence near Thld 20. Two p-line poles on apch Rwy 02 cable underground.



BEAVERTON ON

CBV2

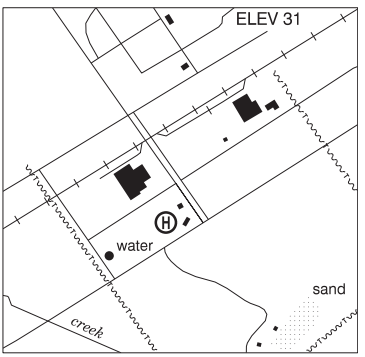
REF	N44 26 51 W79 06 01 3E 11°W UTC-5(4) Elev 820' A5000
OPR	Rory Fonseca 705-426-9502 Reg PN
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL (Check OPR) 15W50 1,4,5,6
RWY DATA RCR	Rwy 12(119°)/30(299°) 2480X75 GRASS Opr Ltd win maint, soft when wet.
COMM ATF	tfc 122.8 5NM 3900 ASL
CAUTION	P-lines 50 AGL aprox 2400' E Thld 30. Creek 100' SE Thld 30. Wildlife in vic of rwy.



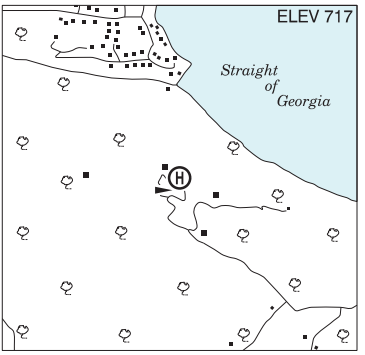
BÉCANCOUR QC (Heli)

CSV3

REF	N46 21 52 W72 23 44 3SW 15°W (2015) UTC-5(4) Elev 31´ A5002
OPR	Société du Parc Industriel et Portuaire de Bécancour 819-294-6656 Reg PPR
PF	B-1 C-2,3
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	65´ x 65´ asphalt 85´ x 85´
COMM ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Multiple lgtd comm twrs aprx 283 ASL (250 AGL) btwn 250' and 2000' fr heli.

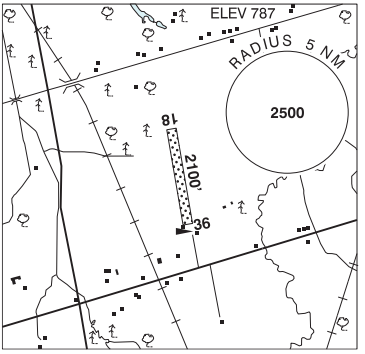


BEDDIS BEACH BC (Heli) CBB4



REF	N48 48 00 W123 25 25 17ºE (2014) UTC-8(7) Elev 717' VTA A5004
OPR	Pat and Rosemarie Keough 250-653-4993 Reg PPR
PF	A-1 C-2,5 D-3,4,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	4,5
HELI DATA	FATO/TLOF 26' dia CONC elevated Safety Area 66' dia Max heli overall length 55.8'
RCR	Opr 15-05Z‡ not always monitored
COMM	
TWR	Victoria 119.1(outer) (E) 14-08Z‡ O/T Victoria terminal 127.8
ATF	tfc 123.2 5NM 1200 ASL Excluding area within Victoria Intl CZ
TML	Victoria 127.8 abv 2500 ASL
CAUTION	Subject to erratic winds

BEETON FIELD ON CBF3

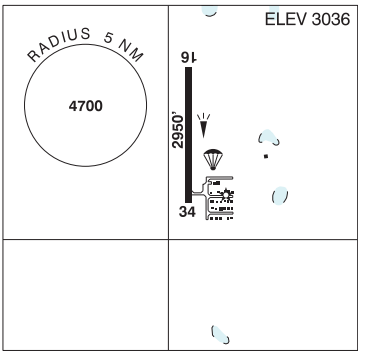


REF	N44 04 45 W79 48 38 1.1W 10°W (2020) UTC-5(4) Elev 787' VTA A5000
OPR	Terry Cleland 416-999-4037 Reg PPR
PF	C-1,2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18/36 2100x100 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3800 ASL

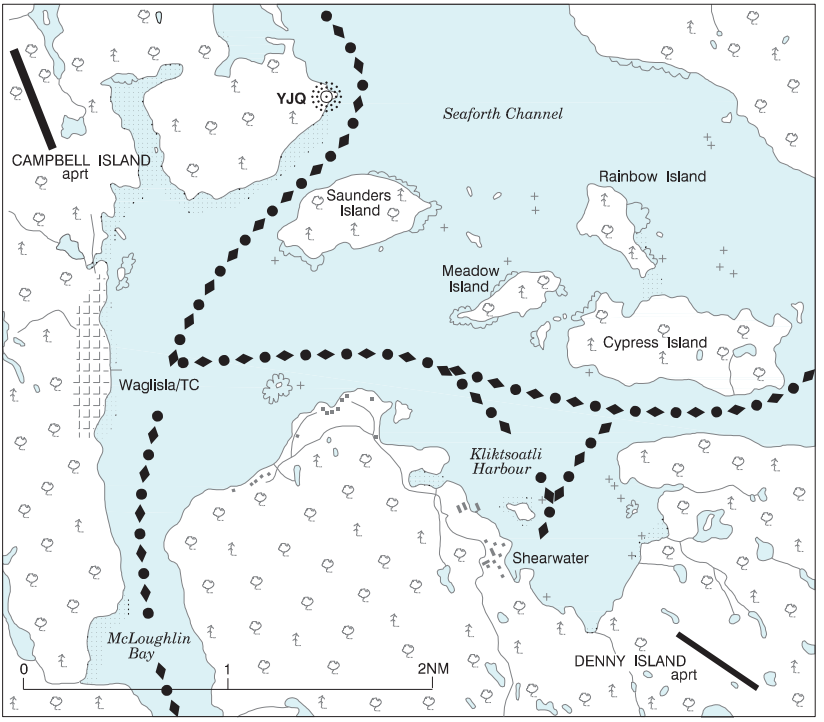
BEISEKER AB

CFV2

REF	N51 23 36 W113 28 19 2E 15°E (2012) UTC-7(6) Elev 3036´ VTA A5005
OPR	CFV2 Ltd. 403-701-4433, 403-462-6135 Reg PPR
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 16(165°)/34(345°) 2950x75 asphalt
RCR	Opr Ltd maint
COMM	
ATF	tfc 123.2 5NM 6100 ASL
PRO	Rgt hand circuits Rwy 16 (CAR 602.96).
CAUTION	Parachuting E of rwy dur daylight hrs.

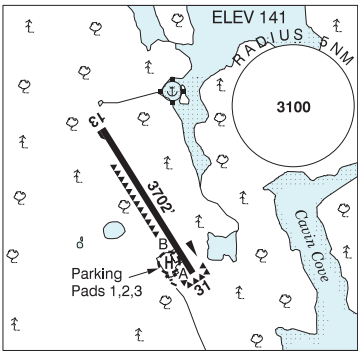


BELLA BELLA VFR TERMINAL PROCEDURES CHART



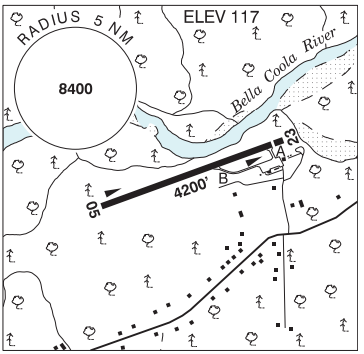
BELLA BELLA (CAMPBELL ISLAND) BC — CBBC

REF	N52 11 06 W128 09 24 1NW 19°E (2013) UTC-8(7) Elev 141´ A5004 A5013 LO2 HI3 CAP
OPR	Heiltsuk Economic Development Corp 250-957-2868 Cert
PF	A-1,2,7 C-3,4,5
FLT PLN **FIC** **WX**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) WxCam TAF 14-06Z‡, issue times: 14, 19, 01Z (DT 13, 19, 01Z).



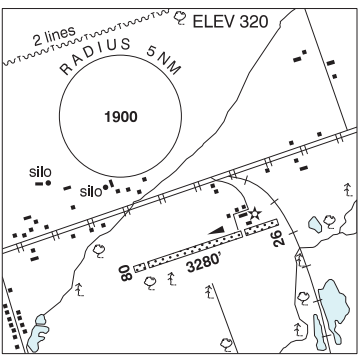
SERVICES **FUEL**	 JA, 100LL Waglisla Fuel 250-957-2645, 778-913-0558 17-01Z‡ O/T call out chg
RWY DATA **RWY CERT** **RCR**	Rwy 13(133°)/31(313°) 3702x75 ASPH Rwy 13 down 1.03%. Rwy 13/31 AGN IIIA Opr Ltd win maint
HELI DATA	Parking Pad 1: 51' dia ASPH Parking Pad 2: 51' dia ASPH Parking Pad 3: 88' dia ASPH
COMM **RCO** **ATF** **AWOS**	 Pacific rdo 123.475 (FISE) 126.7 (bcst) tfc 122.8 5NM 3200 ASL 128.7
NAV **NDB**	 BELLA BELLA YJQ 325 (L) N52 11 07 W128 06 49
PRO	Heli arr/dep Rwy 13/31 taxi via Twy B to/fr helipad.
CAUTION	Rock outcropping aprx 120' NE of rwy. High trees on rising ground NW and SE of airport.

BELLA COOLA BC — CYBD



REF	N52 23 15 W126 35 45 6NE 19°E (2012) UTC-8(7) Elev 117´ A5013 LO2
OPR	Central Coast Regional District 250-799-5291 Cert Opr
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-01Z (DT13-01Z). O/T LWIS WxCam
SERVICES	08-15 hrs lcl ctc Pacific Coastal Airlines 250-982-2225
FUEL	100LL, JA
OIL	All
S	4,5
RWY DATA	Rwy 05(055°)/23(235°) 4200x100 ASPH Thld 23 displ 206´. W twy rstd to 12,500 lbs or less.
RWY CERT	Rwy 05/23 AGN IIIA
TWY CERT	Twy B AGN II
TWY	Twy B rstd to 12,500 lbs or less.
RCR	Opr 16-23Z‡ Ltd win maint provided for sked flts only
COMM	
RCO	Pacific rdo 126.7 (FISE)
ATF	tfc 122.8 5NM 3100 ASL
PRO	Rgt hand circuits Rwy 05 (CAR 602.96).
CAUTION	10´ dike lctd 250´ E of thld Rwy 23.

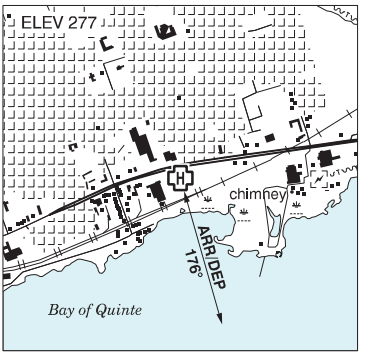
BELLEVILLE (MARKER FIELD) ON — CNU4



REF	N44 11 32 W77 18 34 1.8E 12°W UTC-5(4) Elev 320´ A5000
OPR	D. Byrd 613-962-7337 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	1
RWY DATA	Rwy 08/26 3280x75 GRASS/GRVL Thld 08 displ 240´. Thld 26 displ 740´.
RCR	Opr No win maint.
COMM	
ATF	tfc 122.8 3.5NM 3300 ASL Area underlies E quadrant of the CYTR Mil CZ
PRO	Refer VTPC Trenton for east & westbound rtes & Belleville Area alt.
CAUTION	Glider activity to 2000 ASL.

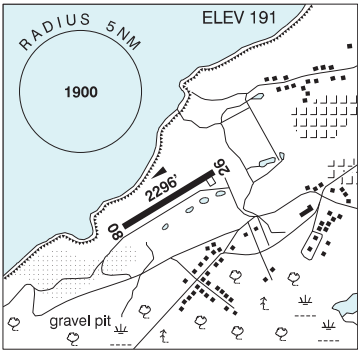
BELLEVILLE (QHC) ON (Heli) CBV5

REF	N44 10 02 W77 21 01 1.5E 12°W (2012) UTC-5(4) Elev 277' A5000
OPR	Quinte Health Care 613-969-7400 Cert
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	DR RY RF(LO) ARCAL-123.2 type K
COMM ATF	tfc 122.8 2NM 3300 ASL
PRO	Arr/dep 176° fr heli, slope 8% (H3), day/night use.



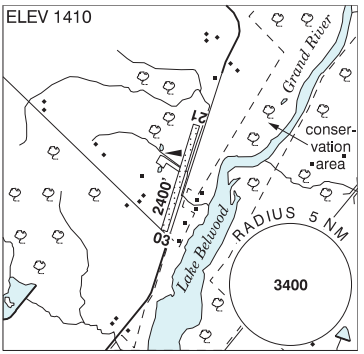
BELL ISLAND NL CCV4

REF	N47 38 06 W52 58 49 Adj 19°W (2014) UTC-3½(2½) Elev 191´ A5012
OPR	Govt of Newfoundland & Labrador 709-729-2382 Reg
PF	C-1,2,3,4,5
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA RCR	Rwy 08(076°)/26(256°) 2296x75 ASPH Dept of Highways 709-488-3842 Ltd win maint PN
COMM ATF	tfc 123.2 5NM 3200 ASL
CAUTION	Ocsl RPAS ops. Possible wildlife on rwy.



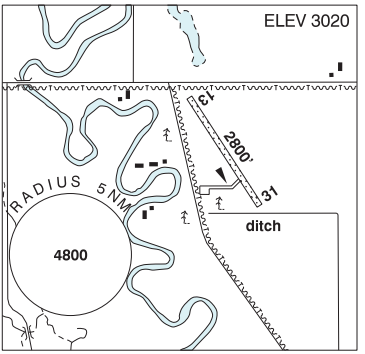
BELWOOD (BAIRD FIELD) ON — CBF2

REF	N43 48 30 W80 18 43 Adj NNE 10°W UTC-5(4) Elev 1410' VTA A5000
OPR	David Baird 519-843-1429 Reg PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 03(027°)/21(207°) 2400x60 GRASS Opr May-Oct ltd hrs. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.4 1NM 4500 ASL
CAUTION	Trees & hydro line aprx 30 AGL at Thld 03.

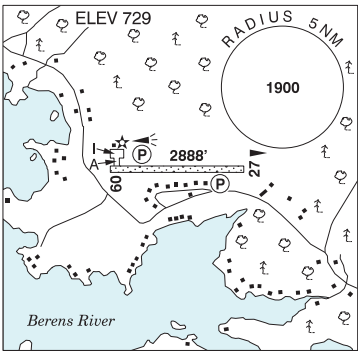


BENALTO / HILLMAN'S FARM AB — CBH7

REF	N52 13 33 W114 15 21 6E 15°E (2015) UTC-7(6) Elev 3020' A5005 A5015
OPR	Gary Hillman 403-728-3630 Reg PPR
PF	C-1
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	2, 5
RWY DATA RCR	Rwy 13(132°)/31(312°) 2800x80 GRASS Hillman Air Ltd 403-886-4187 ltd win maint
COMM ATF	tfc 123.2 5NM 6100 ASL Unmonitored
PRO	Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Ditch at thld of Rwy 31. Power lines at thld of Rwy 13.

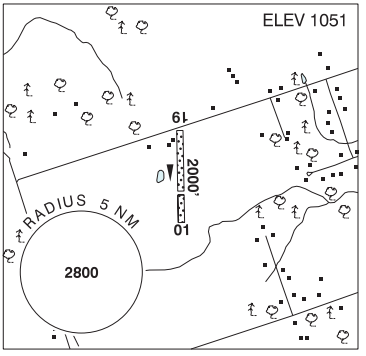


BERENS RIVER MB — CYBV



REF	N52 21 32 W97 01 05 Adj E 4°E UTC-6(5) Elev 729´ A5016 LO4 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-382-3156 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR 13-22Z‡ Mon-Fri O/T LWIS ALTIMETER ltd hrs (see COMM) WxCam
RWY DATA	Rwy 09(086°)/27(266°) 2888x75 crushed rock Rwy 09 first 60' up 0.38%, next 600' down 0.30%, next 721' up 0.41%, last 787' down 0.45%
RWY CERT	Rwy 09/27 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-382-2021 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-382-3156
LIGHTING	09-(TE ME) P1, 27-(TE ME) P1 ARCAL-122.8 type K
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

BETHANY / WHITETAIL VALLEY FARM ON — CVF3



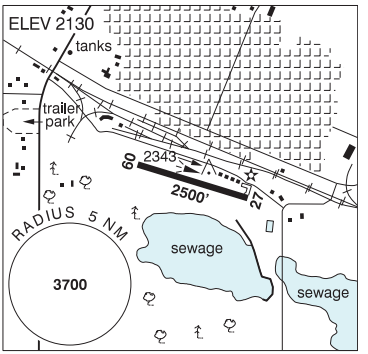
REF	N44 12 59 W78 33 16 2.1NNE 11°W (2023) UTC-5(4) Elev 1051' A5000
OPR	Brian Shury 416-877-3497 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 01(010°)/19(190°) 2000x40 GRASS Thld 01 displ 600' Rwy 01 up 1.7%.
RCR	Opr No win maint. Rwy may be soft in spring.
COMM	
ATF	tfc 123.2 3NM 4100 ASL
PRO	No departures to N. Avoid flt over housed area. Pref arr Rwy 01 past orange cones.
CAUTION	Rising terrain to N. High trees and p-lines N end of strip. Elev changes off rwy edges. Uneven landing surface. Abrupt elev change prior to orange cones marking S end of strip.

BICE FARM AB — See EAGLESHAM / BICE FARM

BIGGAR SK

CJF8

REF	N52 03 04 W107 59 18 Adj S 12°E (2012) UTC-6 Elev 2130´ A5006 A5015 LO2
OPR	Town of Biggar 306-948-3317 Fax 306-948-5134 Reg
PF	C-2,3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(095°)/27(275°) 2500x75 asphalt Opr
LIGHTING	09-(TE LO), 27-(TE LO)
COMM ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Ocsl model acft activity.

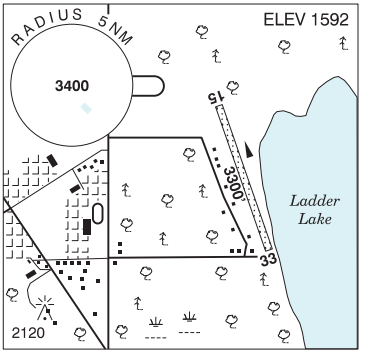


BIG BEND AB — See INNISFAIL / BIG BEND

BIG RIVER SK

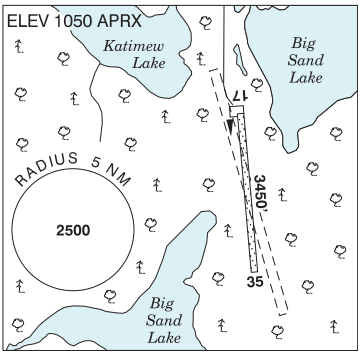
CKX8

REF	N53 50 10 W107 00 34 11°E (2016) UTC-6 Elev 1592´ A5015 LO1 LO2
OPR	Town of Big River 306-469-2112 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 15(148°)/33(328°) 3300x65 gravel/earth edges soft Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Wildlife in vic of rwy. 70' trees 200' S Thld 33.



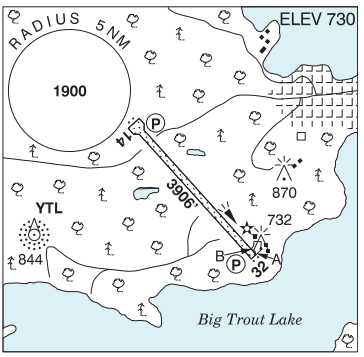
BIG SAND LAKE MB — CJQ9

REF	N57 37 10 W99 52 31 1S 5°E (2012) UTC-6(5) Elev 1050´ aprx A5024
OPR	Big Sand Lake Lodge 204-774-6666 Reg
PF	C-1,2,5 PN Opr
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(170°)/35(350°) 3450x105 clay/sand
RCR	Opr Jun 1-Sep 30 No win maint.
COMM	
ATF	tfc 122.8 5NM 4100 ASL
CAUTION	New rwy under const. Men & eqpt vic of existing rwy. Make low pass prior to ldg. PN dur const, ctc opr. Wildlife in vicinity of A\D.



BIG TROUT LAKE ON — CYTL

REF	N53 49 04 W89 53 49 0.6SW 5°W (2012) UTC-6(5) Elev 730' A5017 LO3 HI4 CAP
OPR	Govt of Ontario - MTO 807-537-2366 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 02, 08, 14, 20Z.
RWY DATA	Rwy 14(139°)/32(319°) 3906x100 gravel Rwy 32 up 0.51%
RWY CERT	Rwy 14/32 AGN IIIA
RCR	Aprt Foreperson 807-632-1170 Ltd maint 14-23Z‡ Mon-Fri exc hols. Rwy strength and cond subject to seasonal & climatic var.
LIGHTING	14-AS(TE ME) AP, 32-AS(TE ME) AP ARCAL-123.2 type K
COMM	
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 3800 ASL
PAL	Winnipeg Ctr 135.15
AWOS	128.7
NAV	
NDB	YTL 328 (M) N53 48 57 W89 54 46 Unmonitored



BILLING AIRSTRIP ON — See ESSEX / BILLING AIRSTRIP

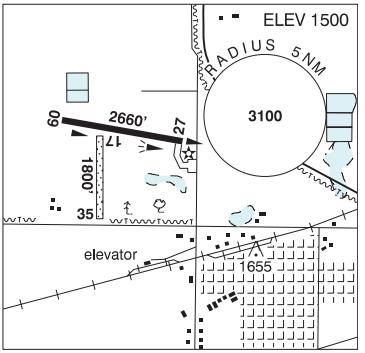
BILLY BISHOP REGIONAL ON — See OWEN SOUND / BILLY BISHOP REGIONAL

BILLY BISHOP TORONTO CITY AIRPORT ON — See TORONTO/BILLY BISHOP TORONTO CITY AIRPORT

BIRCH HILLS SK

CJD3

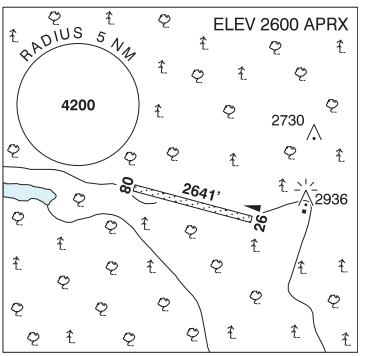
REF	N52 59 27 W105 26 41 Adj NW 10°E (2015) UTC-6 Elev 1500´ A5015
OPR	Town 306-749-2232 Fax 306-749-2545 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL	100LL 306-749-2287/2742/2913 MG-1 All
RWY DATA RCR	Rwy 09(090°)/27(270°) 2660x75 ASPH Rwy 17(170°)/35(350°) 1800x75 GRASS 306-749-2287/2742 Ltd win maint
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 4500 ASL
CAUTION	Extv glider ops within 10NM of A/D. Lgtd twr 1875 ASL (365 AGL) 3.6NM N of A/D.



BIRCH MOUNTAIN AB

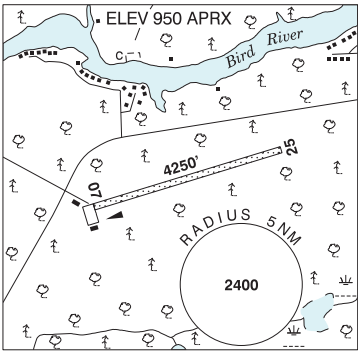
CFM2

REF	N57 41 42 W111 50 20 15°E (2012) UTC-7(6) Elev 2600´ aprx A5023
OPR	Alberta Sustainable Resource Development, Forest Protection Division Fort McMurray 780-743-7125 Reg
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 08(090°)/26(270°) 2641x75 GRASS Opr Ltd maint. No win maint
COMM ATF A/G	tfc 123.5 5NM 5600 ASL (see PRO) 123.2 tfc
PRO	Air tfc advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Lgtd twr 2936 ASL (306 AGL) aprx 0.2NM E of Thld 26.



BIRD RIVER (LAC DU BONNET) MB — CJP7

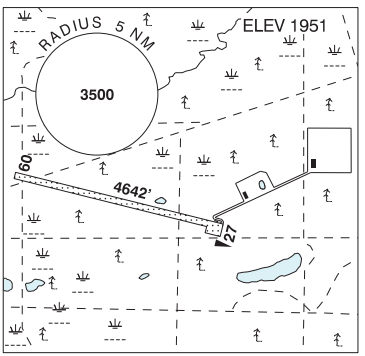
REF	N50 23 48 W95 44 06 2NE 2°E (2015) UTC-6(5) Elev 950´ aprx A5007
OPR	Tall Timber Avn Ltd 204-345-2972 Reg
PF	C-1,2,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(071°)/25(251°) 4250x100 GRASS/GRVL Opr No win maint. Rwy edges soft when wet.
COMM ATF	Bird River UNICOM ltd hrs O/T tfc 122.8 5NM 4000 ASL
CAUTION	May 1 - Sep 30 sporadic tactical heli ops 15NM radius N50 31 30 W95 27 00 (aprx 13NM NE A/D) day and night ops sfc to 2000 AGL ctc 156.625



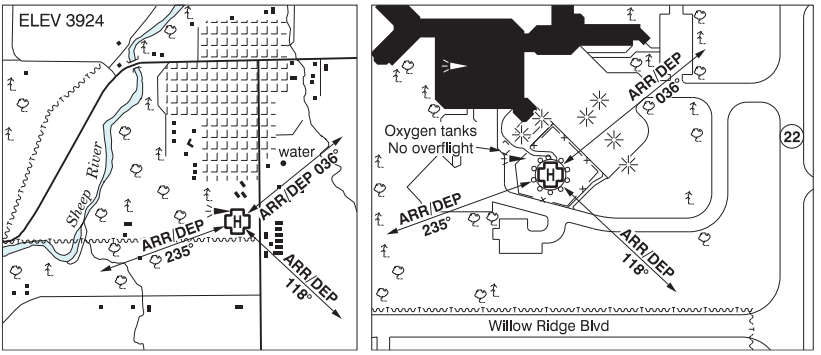
BISHELL'S AB — See CARSTAIRS / BISHELL'S

BISTCHO AB — CPB8

REF	N59 38 18 W118 19 59 Adj 19°E (2013) UTC-7(6) Elev 1951' A5022 LO5 RCAP
OPR	Strategic Oil and Gas Ltd 780-956-4086 Fax 403-767-9122 Reg PPR
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 09(085°)/27(265°) 4642x100 gravel Rwy 09 up 1.03% Opr
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 123.5
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.5 type J
CAUTION	Hydrogen sulphide (H_2S) gas present in oil field in area surrounding A/D.

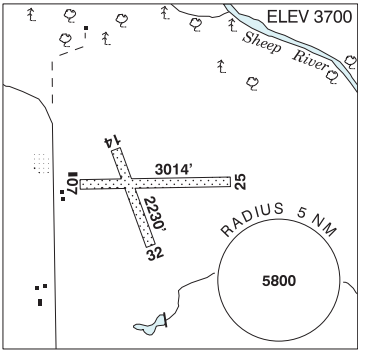


BLACK DIAMOND (OILFIELDS GEN HOSP) AB (Heli) CFL3



REF	N50 40 39 W114 14 05 Adj S 15°E (2013) UTC-7(6) Elev 3924´ VTA A5005
OPR	Alberta Health Services 403-933-2222 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia GRASS/Elevated non-supporting TLOF 57' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RY (ME) Green LED ARCAL-123.4 type K
COMM	
ATF	tfc 123.4 5NM 7000 ASL
PRO	Arr/dep 118° fr heli, slope 16% (H2). Arr/dep 036° fr heli (H1). Arr/dep 235° fr heli (H1). NVIS rqrd all flt paths (CAR 602.96).

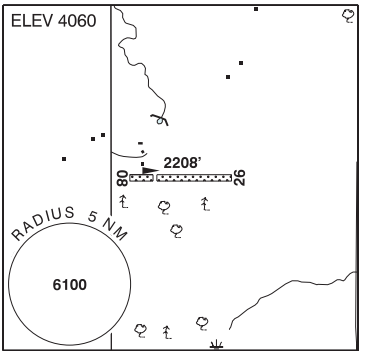
BLACK DIAMOND / CU NIM AB CEH2



REF	N50 43 21 W114 10 46 3NE 15°E (2012) UTC-7(6) Elev 3700´ VTA A5005
OPR	Cu Nim Gliding Club 403-969-0776, 587-328-0747 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(077°)/25(257°) 3014x300 GRASS Rwy 14(139°)/32(319°) 2230x200 GRASS
RCR	Opr No win maint. Rwy soft when wet. Possible FOD & holes in rwy.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.4 5NM 6700 ASL
CAUTION	Glider activity CYA263(S) sfc to 8000 ASL; peak periods wknds, hols & evenings. Gliders may be NORDO; activity not ltd to CYA263.

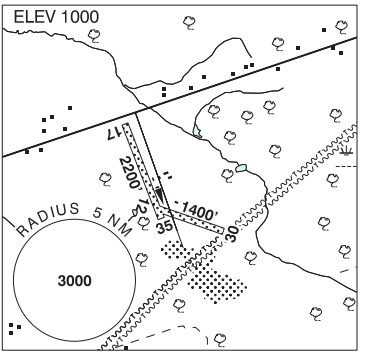
BLACK DIAMOND / FLYING R RANCH AB — CBD8

REF	N50 38 42 W114 12 11 2.8SSE 15°E (2013) UTC-7(6) Elev 4060´ VTA A5005
OPR	Doug Robertson 403-938-5511 Reg
PF	C-1,2,3,4,5 D-6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(075°)/26(255°) 2208x40 GRASS Thld 08 displ 504' Opr No win maint
COMM ATF	tfc 123.4 5NM 7100 ASL
CAUTION	Trees S side of rwy. 4' fence Thld Rwy 26. P-Line 20 AGL 500' W Thld Rwy 08.

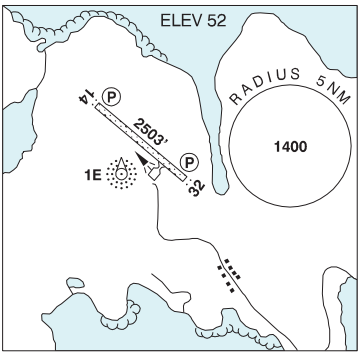


BLACKSTOCK / MARTYN ON — CBM2

REF	N44 05 41 W78 44 11 3.8ESE 11°W (2014) UTC-5(4) Elev 1000' VTA A5000
OPR	Jim Martyn 905-434-9033 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 17(170°)/35(350°) 2200x50 GRASS Rwy 12(120°)/30(300°) 1400x50 GRASS Opr No win maint. Rwy soft when wet.
COMM ATF	tfc 123.2 5NM 4000 ASL
CAUTION	P-line south and east of A/D. Ldg only Rwy 12, tkof only Rwy 30.

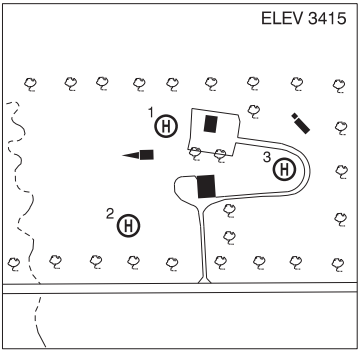


BLACK TICKLE NL — CCE4



REF	N53 28 12 W55 47 15 1NW 20°W (2022) UTC-4(3) Elev 52´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 14(140°)/32(320°) 2503x75 GRVL Rwy 32 down 1%
RWY CERT	Rwy 14/32 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-471-8898/5504
LIGHTING	14-AS(TE ME) AP, 32-AS(TE ME) AP ARCAL-122.8 type K, key mic 7 times for RILS.
COMM	
ATF	tfc 122.8 5NM 3100 ASL See PRO section
NAV	
NDB	1E 349 (M) N53 28 02 W55 47 19 Pvt Unmonitored
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.

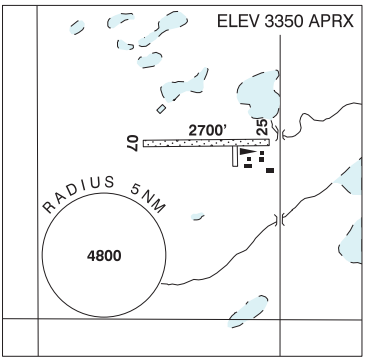
BLACKIE / McELROY RANCH AB (Heli) — CMC5



REF	N50 37 52 W113 35 30 1.9NNE 13°E (2023) UTC-7(6) Elev 3415´ A1904 A5005
OPR	Tyler McElroy 403-369-4506 McElroyRanch@outlook.com Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	Pad 1,2,3: FATO 80' dia GRASS TLOF 60' dia GRASS Day use only Safety Area 100' dia
RCR	Opr No win maint.
COMM	
ATF	tfc 123.0 5NM 6500 ASL
CAUTION	Twr 3569 ASL (150 AGL) aprx 1 NM WSW of heli.

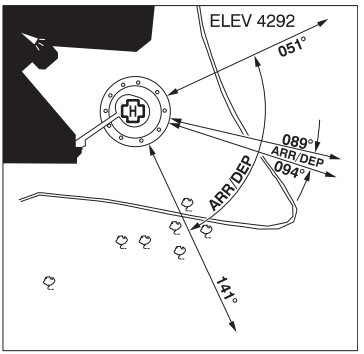
BLACKIE / WILDERMAN FARM AB — CFT2

REF	N50 33 09 W113 35 48 4SE 15°E (2012) UTC-7(6) Elev 3350´ aprx VTA A5005
OPR	W. E. Wilderman 403-684-3611 Reg
PF	B-1 D-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 07/25 2700x55 GRASS Opr Ltd maint. Dur win & spring break-up A/D may be clsd.
LIGHTING	07-(TE LO), 25-(TE LO), O/R
COMM ATF	tfc 123.0 5NM 6400 ASL

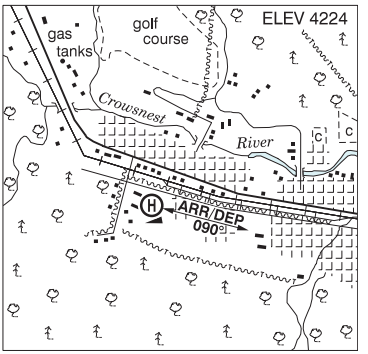


BLAIRMORE (CROWSNEST PASS HEALTH CENTRE) AB (Heli) — CBS9

REF	N49 36 58 W114 27 26 Adj E 14°E (2015) UTC-7(6) Elev 4292´ A5005
OPR	Alberta Health Services 403-562-2831 Cert PPR
PF	B-1,2,4 C-3,5,6,7,8
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA RCR	FATO/TLOF 86' dia CONC (elliptical) Safety Area 115' dia Max heli overall length 57.4' Opr
LIGHTING	RW (LO) yellow LED
COMM ATF	tfc 123.2 5NM 7300 ASL
PRO	Arr/dep 089°-094° fr heli, slope 6% (H3), day/night use. Arr/dep 051°-141° fr heli, slope 12% (H2), day/night use.
CAUTION	Blairmore Forestry Heli adj SW side town. Numerous trees under arr/dep E and S of heli.

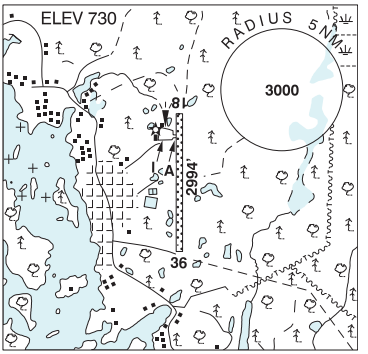


BLAIRMORE (FORESTRY) AB (Heli) CEK4



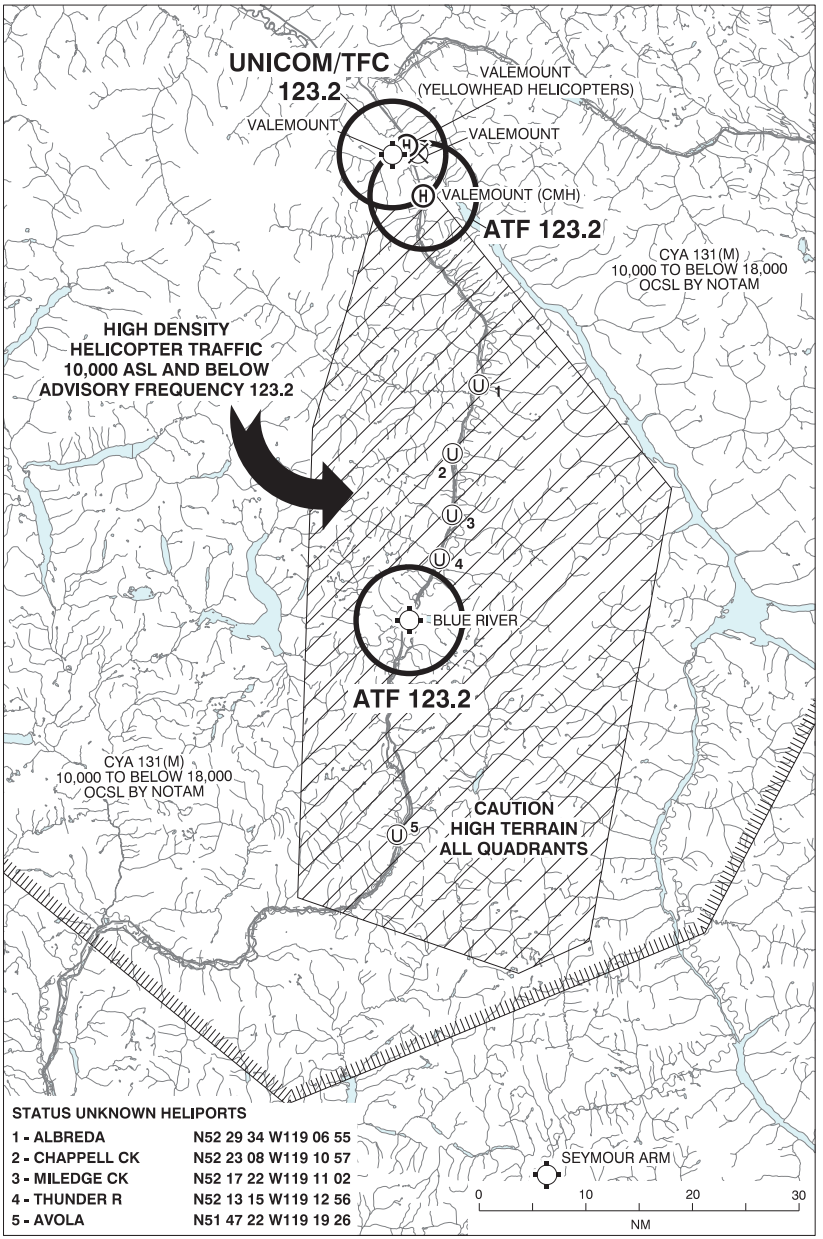
REF	N49 36 29 W114 27 05 Adj SW 14°E (2014) UTC-7(6) Elev 4224´ A5005
OPR	Sustainable Resource Development, Forestry Division 403-562-3210 / 403-297-8822 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	JA (Pvt use or emerg)
HELI DATA	Max heli overall length 57.3'
COMM	
ATF	tfc 123.2 5NM 7300 ASL
PRO	Arr/dep 090° fr heli, slope 8% (H3).
CAUTION	P-lines W & parallel to arr/dep.

BLOODVEIN RIVER MB CZTA



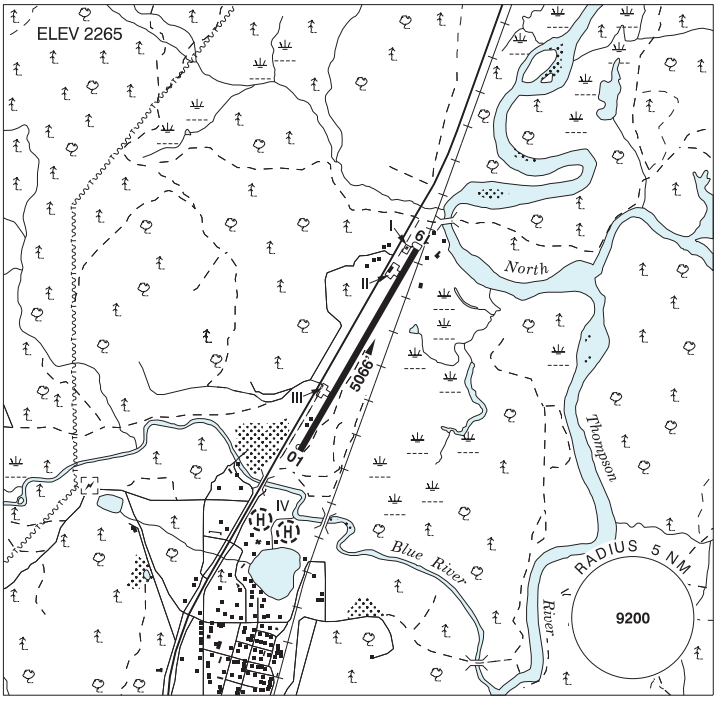
REF	N51 47 04 W96 41 32 Adj E 3°E (2013) UTC-6(5) Elev 730´ A5007 LO4 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-904-8435 Cert
PF	A-1 C-4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 18(177°)/36(357°) 2994x75 crushed rock
RWY CERT	Rwy 18/36 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-395-2321 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-904-8435 Rwy soft dur spring & after rain. Rwy edges soft when wet.
LIGHTING	18-(TE LO), 36-(TE LO) ARCAL-122.8 type J (see CAUTION).
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

BLUE RIVER / VALEMOUNT VFR TERMINAL PROCEDURES CHART

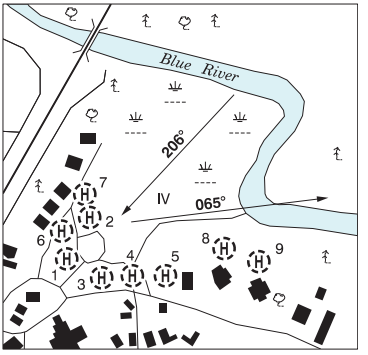


BLUE RIVER BC

CYCP



REF	N52 07 29 W119 17 34 Adj NE 17°E (2013) UTC-8(7) Elev 2265´ A5005 A5014
OPR	Cariboo Helicopter Skiing (Mike Wiegele Helicopter Skiing) 250-673-8381 Reg PPR Landing fees
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 14-24Z (DT 13-01Z) O/T LWIS WxCam
RWY DATA	Rwy 01(013°)/19(193°) 5066x60 ASPH Rwy 19 up 1.14% No shoulders or graded area.
APRON	Apron I, II & IV: rstd to heli. Apron III rstd to fixed wing acft. Apron IV: Enter brg 206° & exit brg 065° (see sketch)
RCR	Maint contractor 250-673-8289 Ltd win maint
HELI DATA	Parking Pads 1-9: 20' x 20'

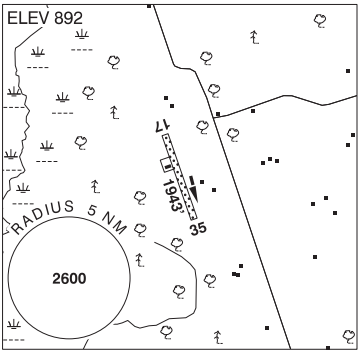


BLUE RIVER BC (Cont'd) CYCP

COMM	
ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Shoulder drops abruptly at edge of pavement. Wildlife in vicinity of rwy. Extv heli activity in the area.

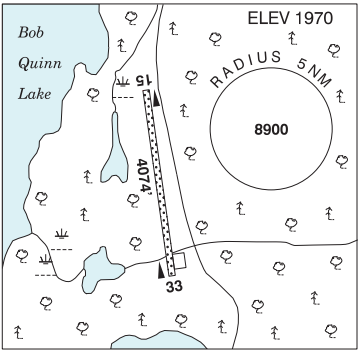
BOBCAYGEON / CHESHER LAKEHURST ON CLH5

REF	N44 31 32 W78 26 53 4.3ESE 11°W (2017) UTC-5(4) Elev 892' A5000
OPR	Jeff Chesher 705-927-8799 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(173°)/35(353°) 1943x98 GRASS
RCR	Opr
COMM	
ATF	tfc 122.8 5NM 3900 ASL

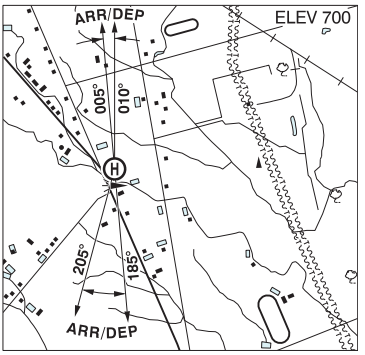


BOB QUINN LAKE BC CBW4

REF	N56 58 00 W130 14 58 20°E (2013) UTC-8(7) Elev 1970' A5021 LO1 RCAP
OPR	Bob Quinn Lake Airport Society 236-601-1229 Reg
PF	C-1
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam PPR for altimeter availability, ctc OPR
RWY DATA	Rwy 15(152°)/33(332°) 4074x100 GRVL
RCR	Opr No win maint
HELI DATA	200' x 100' GRVL
COMM	
DRCO	Pacific rdo 126.7 (FISE)
MF	tfc 123.2 5NM 5000 ASL (CAR 602.98)
PRO	Rgt hand circuits Rwy 15 (CAR 602.96). Fixed wing acft emplane/deplane pax & cargo on apron only
CAUTION	Trees to 80 AGL located 1900' N dep end Rwy 33. Sharp drop off both ends. No prepared shoulders. Sharp drop-off and/or soft gnd both sides of rwy. Thresholds marked with orange barrels. Possible extv heli tfc at aprt. See Galore Creek/Bob Quinn Lake VTPC.

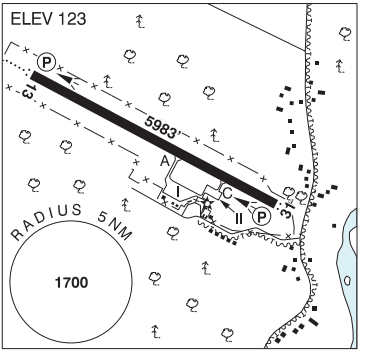


BOLTON ON (Heli) CNB2



REF	N43 51 08 W79 41 41 2SE 10°W UTC-5(4) Elev 700´ VTA A5000
OPR	National Helicopter Inc 905-893-2727 Cert PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	Toronto 905-676-4590
SERVICES	
FUEL	JA, 100LL
HELI DATA	FATO 100' x 100' GRASS Safety Area 100' x 100' Max heli overall length 44.1' Parking Pad 1: 60' dia ASPH Max heli overall length 60' Parking Pad 2: 38' dia ASPH Max heli overall length 38' Parking Pad 3: 38' dia ASPH Max heli overall length 38' Parking Pad 4: 38' dia ASPH Max heli overall length 38'
RCR	Opr
LIGHTING	RF(FH) RW(ME) green
COMM	
ATF	tfc 123.2 5NM 3700 ASL
PRO	Arr/dep btwn 005° to 010° & 185° to 205° fr N43 51 08 W79 41 41, slope 8% (H3).

BONAVENTURE QC CYVB



REF	N48 04 16 W65 27 37 1.6NE 19°W (2012) UTC-5(4) Elev 123´ A5010 LO8 HI6 CAP
OPR	Aprt Administration 418-534-2162 Transports Québec 418-534-2154 Cert
PF	A-6 C-2,3,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 418-534-4566 (See COMM) ALTIMETER/WIND 418-534-2162 11-23Z‡ Sun-Fri, ltd hrs Sat (see COMM) WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) 13-23Z‡ Mon-Fri, 14-17Z‡ Sat-Sun & hols, Oct-Apr; 13-23Z‡ Mon-Fri, 14-20Z‡ Sat-Sun & hols, May-Sep O/T call out chg 1 hr PN Avjet 418-534-2528
OIL	W15W50
S	4,5,6

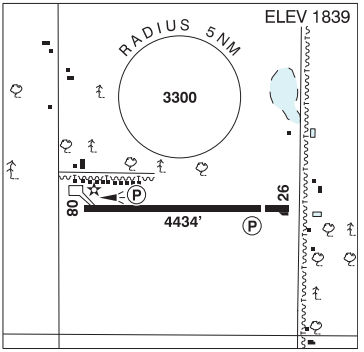
BONAVENTURE QC (Cont'd) CYVB

RWY DATA	Rwy 13(134°)/31(314°) 5983x148 ASPH
RWY CERT	Rwy 13/31 AGN IIIB
TWY CERT	Twy C AGN II
TWY	Twy C avbl for light acfts, May 1-Nov 1.
RCR	Opr CRFI 1 hr PN. Win maint 12-23Z‡ Sun-Fri, ltd hrs Sat, O/T 3 hr PN. PLR/PCN
LIGHTING	13-AO(TE ME) P2, 31-AS(TE ME) P2 ARCAL-123.0 type K Twy C not lighted.
COMM	(bil)
DRCO	Québec rdo 123.55 (FISE)
MF/ATF	UNICOM (AU) 11-23Z‡ Sun-Fri, ltd hrs Sat O/T tfc 123.0 5NM 3200 ASL (CAR 602.98)
AUTO	122.05
CAUTION	Trees to 140 ASL aprx 100' E Thld 31, 220' N rwy centreline. Intensive bird activity May-Nov. Unlgtd p-line 384 ASL (182 AGL) aprx 1.5 to 2.1NM N to NE A/D.

BONNIE BRAE AIRFIELD ON — See COMBERMERE / BONNIE BRAE AIRFIELD

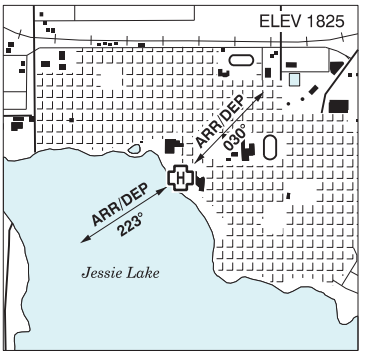
BONNYVILLE AB CYBF

REF	N54 18 17 W110 44 28 2N 13°E (2016) UTC-7(6) Elev 1839´ A5015 LO1 CAP
OPR	MD of Bonnyville No.87 780-812-5000 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-826-5293 (see COMM)
SERVICES	Call out chg may be levied for one or more svc
FUEL	100LL (Self serve, Visa or MasterCard, Bonnyville Flying Club), JA (FSII avbl) (Self serve Visa or Mastercard, plus in-house cards) 780-826-6885 Bonnyville Air Services (1980) Ltd
OIL	All
RWY DATA	Rwy 08(077°)/26(257°) 4434x75 ASPH Thld 26 displ 513' AGN II
RCR	Opr Ltd maint
LIGHTING	08-(TE ME) P1, 26-(TE ME) P1 ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4900 ASL
AUTO	122.975
PRO	IFR dep, ctc Cold Lake tml 780-840-8000 Ext 8594. Due to jet blast/fumes concerns, acft turning on the main ramp should avoid directing their engine blast toward the hg.
CAUTION	Unmarked P-lines along S side of the aprt access road.



BONNYVILLE HEALTH CENTRE AB (Heli) CBN2

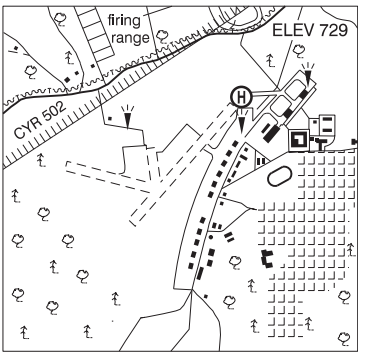
REF	N54 15 50 W110 44 25 14°E (2013) UTC-7(6) Elev 1825´ A5015
OPR	Bonnyville Health Centre 780-826-3311 Cert PPR
FLT PLN FIC	Edmonton 866-EXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia CONC Safety Area 114.8' dia Max heli overall length 57.4' Opr
LIGHTING	RY(LO) green



COMM ATF	tfc 123.2 5NM centred on Bonnyville A/D 2.4NM N 4900 ASL
PRO	Arr/dep 030° & 223° fr heli, slope 16% (H2)
CAUTION	Light poles to SW of heli. Overhead powerlines to NE of heli.

BORDEN ON (Heli) CYBN

REF	N44 16 18 W79 54 45 3SW 10°W UTC-5(4) Elev 729´ VTA A5000
OPR	DND 705-424-1200 Ext 1381, CSN 270-1381 PPR Mil only ctc Base Ops at 705-424-1200 Ext 1381, CSN 270-1381
PF	B-1 C-2,3,5,6 D-4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
MIL	400 Sqn Ops, ltd hrs 705-424-1200 Ext 1403, CSN 270-1403
WX	Met brief for mil only. JMC 1-800-WXMETEO (996-3836) or CSN 432-2613.



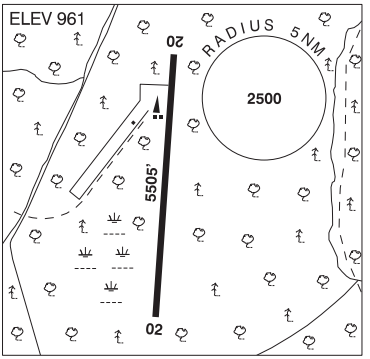
SERVICES	48 hrs PN 705-424-1200 Ext 1403 CSN 270-1403
FUEL	F-34 ltd hrs
S	1,2 ltd hrs
ARFF	CAT 2 ltd hrs
MIL ADV	400 Sqn Ops call "GRIFFON OPS" FM 40.9 ltd hrs
HELI DATA RCR	100´ x 100´ asphalt. Ctr of pad N44 16 W79 55. Opr ltd hrs. Opr ltd hrs
LIGHTING	Pad-DR (RY (square) HI) ARCAL-118.875 type K
COMM MF	tfc 118.875 311.6 5NM 3700 ASL (CAR 602.98)

BORDEN ON (Heli) (Cont'd) CYBN

PRO	A/D clsd to itinerant fixed-wing acft. Extv glider activity 5NM radius to 3000 ASL Apr-Jun & Sep-Nov. Low lvl Heli flt proh over old hg line/ramp due to fragments on paved surfaces. Heli circuits alt 1200 ASL. When conducting an inst apch and the ceil is less than 1500 AGL, the pilot is responsible for contacting Range Control on FM 49.9 MHz and initiating Check Fire prior to crossing the IF. Aircrews are not to continue past the IF until Range Control confirms that Check Fire is in effect. The pilot will cancel Check Fire when VMC and clear of CYR 502. CZ "E" 5NM to 3700 excluding CYR 502.
CAUTION	Unsked Radiosonde balloon launches fr N44 14 W79 47 (6.1 NM SSE of CYBN)

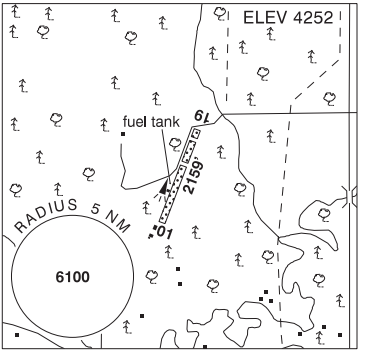
BOSTON BROOK NB CCJ3

REF	N47 26 54 W67 37 29 9SW 18°W (2014) UTC-4(3) Elev 961´ A5002 A5003 LO8 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	D-2,4,5
FLT PLN **FIC**	(bil) Québec 866-WXBRIEF or (French) 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep. **ACC** (IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA **RCR**	Rwy 02(022°)/20(202°) 5505x58 ASPH Rwy 20 down 0.38% Opr Fld maint May-Oct No win maint.
COMM **ATF**	tfc 123.2 5NM 4000 ASL



BOTTREL / ANCHOR 9 RANCH AB CBR9

REF	N51 24 46 W114 34 49 2.9W 15°E (2016) UTC-7(6) Elev 4252' VTA A5005
OPR	Thomas Thomas 403-932-2196 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	6
RWY DATA **RCR**	Rwy 01(006°)/19(186°) 2159x59 GRASS Thld 01 displ 1359' Thld 19 displ 228' Opr No win maint
LIGHTING	01-(TE LO) non-std, 19-(TE LO) non-std

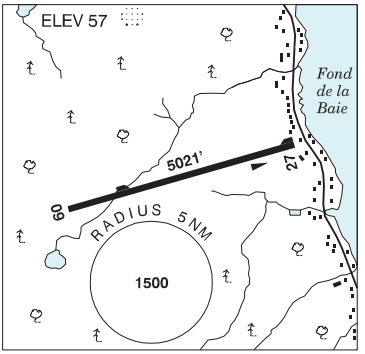


BOTTREL / ANCHOR 9 RANCH AB (Cont'd) CBR9

COMM	
ATF	tfc 123.2 5NM 7300
PRO	Avoid area W of rwy due to obst
CAUTION	Multiple trees W of rwy and under App/dep

BOUCTOUCHE NB CDT5

REF	N46 30 34 W64 41 38 1.7SE 18°W (2013) UTC-4(3) Elev 57´ A5003 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	C-1,2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 09(091°)/27(271°) 5021x74 asphalt Rwy 27 up 0.64%
RCR	Opr No win maint

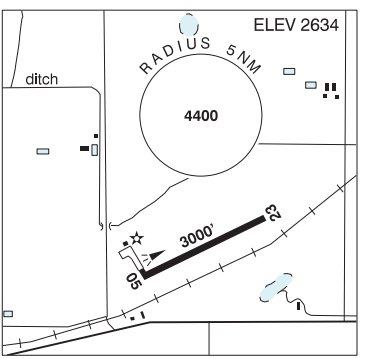


COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	50´ trees 210´ from thld Rwy 27. Training areas around A/D, see Moncton VTPC - Training areas.

BOUNDARY BAY BC — See VANCOUVER / BOUNDARY BAY

BOW ISLAND AB CEF3

REF	N49 53 W111 20 1NE 13°E (2016) UTC-7(6) Elev 2634´ A5005 LO2
OPR	Town 403-545-2522 or 403-502-4611 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	5
RWY DATA	Rwy 05(051°)/23(231°) 3000x75 asphalt
RCR	Opr Ltd maint



LIGHTING	05-(TE ME), 23-(TE ME) ARCAL-123.2 type K

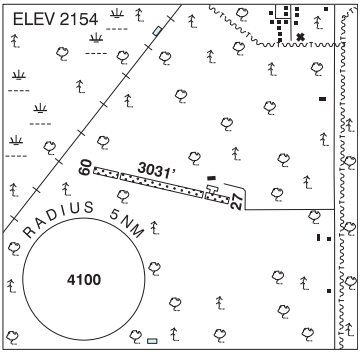
BOW ISLAND AB (Cont'd) CEF3

COMM ATF	tfc 123.2 5NM 5700 ASL
CAUTION	Parachuting on aprt 9500 ASL & below dur daylight hrs. Ultra-light acft activity.

BOWSER BC — See BRUCEJACK / BOWSER

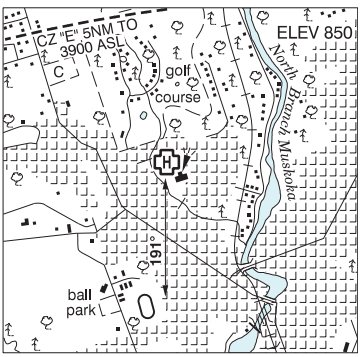
BOYLE AB CFM7

REF	N54 34 27 W112 49 14 1S 14°E (2016) UTC-7(6) Elev 2154´ A5015
OPR	Village of Boyle 780-689-4083/3643 Reg
PF	A-1,3 C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES FUEL	100LL(D), JB(D) 780-675-2122
RWY DATA	Rwy 09(089)/27(269) 3031x75 GRASS Rwy 09 displ 530´. Rwy 27 displ 515´.
RCR	Opr Ltd maint
COMM ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Rising terrain & vehicle access road off the E end of rwy.

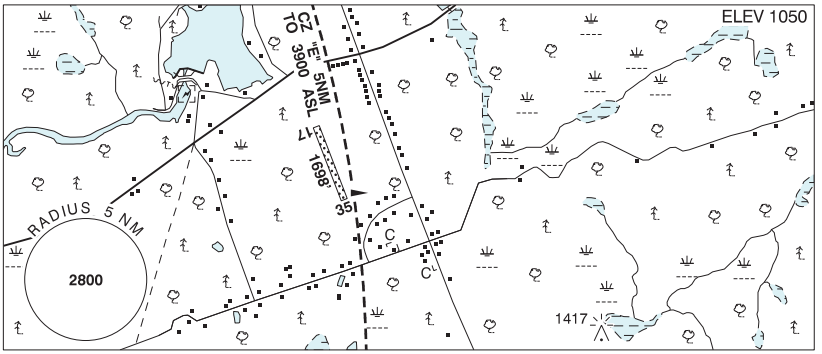


BRACEBRIDGE (SOUTH MUSKOKA MEM HOSP) ON (Heli) CPL2

REF	N45 03 W79 19 Adj 11°W UTC-5(4) Elev 850´ A5000
OPR	South Muskoka Mem Hosp 705-645-4400 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ asphalt 114´ x 114´ Rstd max heli length 57.3´
RCR	Opr
LIGHTING	DR RY(LO) RF(FL)
COMM RCO	Timmins rdo 122.3 (RAAS) London rdo 123.475 (FISE) 126.7 (bcst) (See PRO)
MF	Timmins rdo 122.3 5NM centred on Muskoka A/D 4.6NM S 3900 ASL (CAR 602.98)
PRO	Arr/dep 191° fr heli, slope 16% (H1). RAAS and FISE RCOs may not be receivable on ground. See Muskoka VTPC.



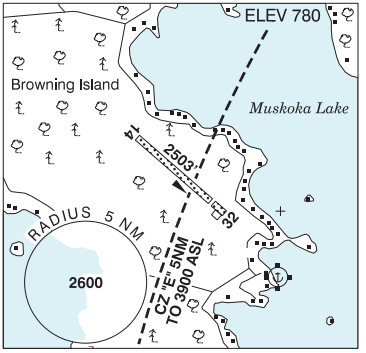
BRACEBRIDGE (STONE WALL FARM) ON — CSW4



REF	N44 59 19 W79 11 22 6ESE 11°W (2015) UTC-5(4) Elev 1050' A5000
OPR	Gerald Vandertas 705-641-9713 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(170°)/35(350°) 1698x80 GRASS Opr No maint
COMM RCO MF	Timmins rdo 122.3 (RAAS) London rdo 123.475 (FISE) 126.7 (bcst) (See PRO) Timmins rdo 122.3 5NM centred on Muskoka A/D 4.9NM W 3900 ASL (CAR 602.98)
PRO	RAAS and FISE RCOs may not be receivable on ground. See Muskoka VTPC.
CAUTION	Rwy soft in spring. Lgtd twr 1417 ASL (367 AGL) aprx 0.6NM SSE thld Rwy 35.

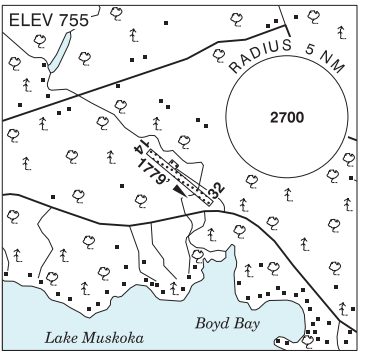
BRACEBRIDGE (TINKHAM FIELD) ON — CTA6

REF	N45 00 23 W79 24 48 5WSW 11°W (2015) UTC-5(4) Elev 780' A5000
OPR	Dale Tinkham 416-233-2139 Ext 22 Reg PPR A/D clsd Sep 1-Jun 30
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA RCR	Rwy 14(142°)/32(322°) 2503x65 GRASS Thld 32 displ 319' Opr No win maint.
COMM ATF	tfc 122.8 5NM excluding Muskoka CZ 3800 ASL
PRO	See Muskoka VTPC
CAUTION	Wildlife in vcy.



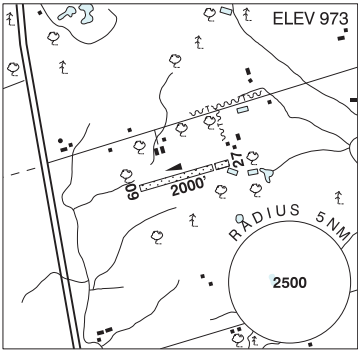
BRACEBRIDGE WEST ON — CWB2

REF	N45 03 33 W79 24 00 4WNW 11°W (2016) UTC-5(4) Elev 755' A5000
OPR	Randy Evans 705-644-1436 Reg PPR
PF	C-1,2,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14(141°)/32(321°) 1779x80 GRASS Opr No win maint. Rwy may be soft in spring.
COMM ATF	tfc 122.8 5NM excluding Muskoka CZ 3800 ASL
PRO	See Muskoka VTPC.
CAUTION	Airstrip slopes to N.



BRADFORD ON — CPM7

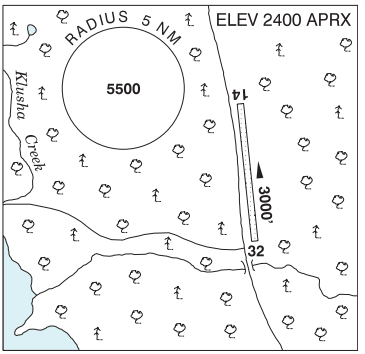
REF	N44 08 10 W79 37 44 11°W UTC-5(4) Elev 973´ VTA A5000
OPR	E. Maslak 905-775-2205 Reg
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 09/27 2000x60 GRASS Thld 27 displ 300'. Opr No win maint. Rwys may be soft in spring.
COMM ATF	tfc 123.2 5NM 3500 ASL
PRO	No tng circuits.
CAUTION	Lgtd twr 1270 ASL (270 AGL) aprx 1NM NNW. Upslope fr Thlds 09, 27. Thlds not visible fr each other. Trees 40 AGL N side Thld 09. Bushes 10 AGL Thld 27. Trees to 50 AGL both sides Thld 27. Ultra-light ops. Rwy edge drops off up to 8". Unlgtd 100´ twr ½ mile SW. Sum crops occasionally can be up to 7´ tall on rwy edge.



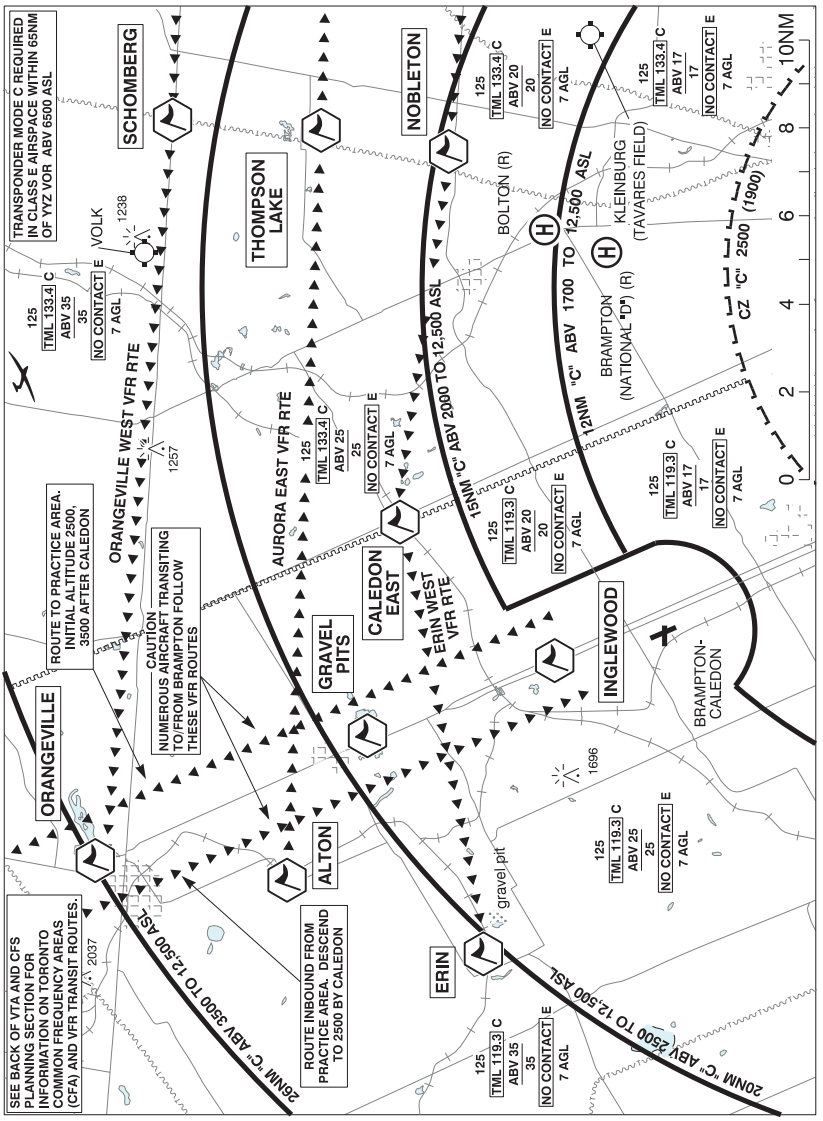
BRAEBURN YT

CEK2

REF	N61 29 04 W135 46 35 Adj 22°E (2012) UTC-7 Elev 2400´ aprx A5028 A5099
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	C-1,2,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA **RCR**	Rwy 14(152°)/32(332°) 3000x75 gravel Opr No maint
COMM **ATF**	tfc 123.2 5NM 5400 ASL
PRO	Rgt hand circuits Rwy 14 (CAR 602.96).
CAUTION	Numerous holes in rwy caused by gophers. Sharply rising terrain N & E of rwy. Trees along E side of rwy, 75´ fr centreline. Soft sections 200´ fr Thld 14.



BRAMPTON-CALEDON VFR TERMINAL PROCEDURES CHART

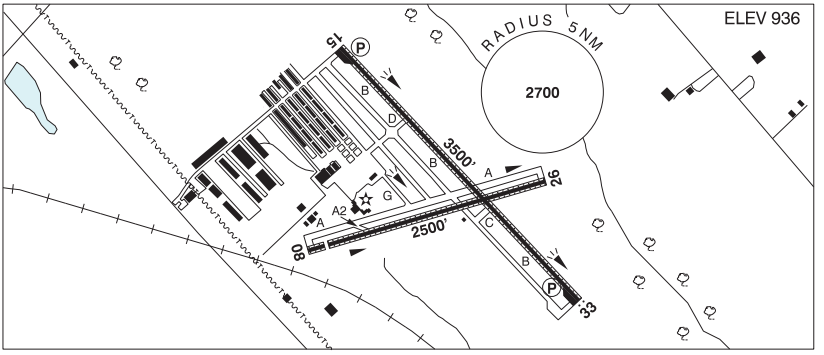


BRAMPTON-CALEDON VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
ALTON	VCALT	N43° 51' 30" W080° 04' 00"
CALEDON EAST	VCLDE	N43° 52' 12" W079° 52' 00"
ERIN	VCERN	N43° 46' 48" W080° 04' 12"
GRAVEL PITS	VCGVL	N43° 51' 06" W079° 59' 06"
INGLEWOOD	VCIWD	N43° 47' 30" W079° 54' 18"
NOBLETON	VCNBL	N43° 54' 00" W079° 40' 00"
ORANGEVILLE	VCORG	N43° 55' 45" W080° 06' 15"
SCHOMBERG	VCSBG	N44° 00' 24" W079° 42' 00"
THOMPSON LAKE	VCTHL	N43° 57' 00" W079° 41' 36"

BRAMPTON-CALEDON ON

CNC3



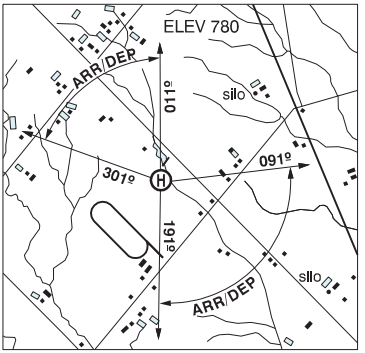
REF	N43 45 35 W79 52 26 10°W UTC-5(4) Elev 936´ VTA A5000 LO6 T2 CAP
OPR	Brampton Flying 905-838-1400 Cert Opr ltd hrs
PF	B-1,2 C-3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	Toronto 905-676-4590/4591/4592 or 888-217-1241
WX	WxCam
DUAT	Flying Club
SERVICES	
FUEL	100LL
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 15(146°)/33(326°) 3500x75 ASPH/GRASS, centre 40´ asphalt Rwy 08(081°)/26(261°) 2500x75 ASPH/GRASS, centre 40´ asphalt Thld 08 displ 191´.
RWY CERT	Rwy 15/33 AGN I Rwy 08/26 AGN I
RCR	Opr Rwys rstd to acft 12,500 lbs and under. Ltd win maint

BRAMPTON-CALEDON ON (Cont'd) CNC3

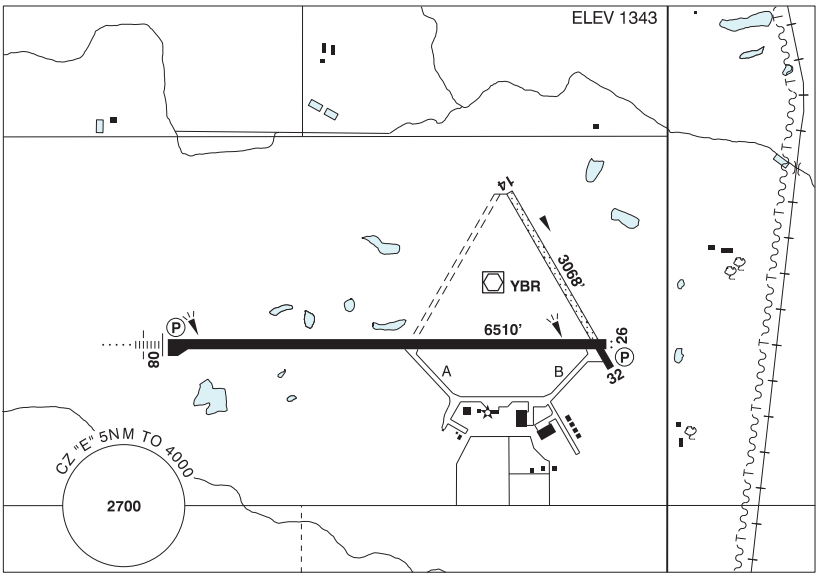
LIGHTING	08-(TE ME), 15-(TE HI) AP, 26-(TE ME), 33-AS(TE HI) AP ARCAL-123.3 type K Win PN
COMM ATF	UNICOM ltd hrs O/T tfc 123.3 5NM up to 2500 ASL excluding that portion which penetrates Toronto class C Airspace
PRO	Call opr prior to ARCAL ops when win wx might affect rwy cond. Due to close proximity to Toronto/Lester B. Pearson Intl., there may be periods when ATC will be unable to approve use of the inst apch pro. Helicopters arr/dep via active rwy then taxi to/fr designated helicopter area btwn Golf & Bravo at Alpha. Acft with main gear track 18´ and over use Rwy 15/33 then turn around bay and backtrack to twy D and apron.
CAUTION	Painted & lgtd twr 1696 ASL (400 AGL) aprx 4NM WNW. Narrow twys (18´) exc twy D (24´).

BRAMPTON (NATIONAL "D") ON (Heli) CPC4

REF	N43 50 00 W79 42 03 8NE 10°W UTC-5(4) Elev 780´ VTA A5000
OPR	National Helicopter Inc. 905-893-2727 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	65´ x 65´ CONC/ASPH 85´ x 85´ Rstd max heli length 43.3´
LIGHTING	RY (FH)
PRO	Arr/dep btwn 301°-011° & 091°-191° fr heli.



BRANDON MUNI MB — CYBR



REF	N49 54 36 W99 57 08 4N 6°E (2013) UTC-6(5) Elev 1343´ A5007 LO4 HI4 CAP
OPR	Muni 204-729-2166 12–02Z‡ Mon-Fri, 14–24Z‡ Sat-Sun Cert Ldg fees
PF	A-1 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 15-23Z‡
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svc
FUEL	100LL, JA-1 (FSII avbl), SP, HPR 14-23Z‡ O/T call out chg
OIL	All
S	1,2,3,4 (ltd),5,6
SUP FL	D-Ice (avbl by truck)
JASU	CE16
PVT ADV	Brandon Flight Centre 122.95 204-728-7691
RWY DATA	Rwy 08(085°)/26(265°) 6510x150 asphalt Rwy 14(144°)/32(324°) 3068x60 treated gravel/asphalt First 438´ Rwy 32 asphalt
RWY CERT	Rwy 08/26 AGN IIIB Rwy 14/32 AGN II
APRON	No power turns permitted on tml apron.
RCR	Opr Ltd win maint Rwy 14/32. Rwy 14/32 rstd to acft under 12,000 lbs. A/D maint 12-02Z‡ Mon-Fri, 14-24Z‡ Sat-Sun O/T 1 hr PN for AMSCR and CRFI. Call out charge may be levied. 204-729-7026.
LIGHTING	08-AN(TE HI) P2, 26-AS(TE HI) P2

BRANDON MUNI MB (Cont'd) CYBR

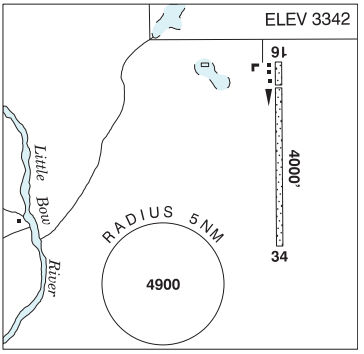
COMM	
RADIO	122.1 (E) (emerg only 204-728-7169)
RCO	Edmonton 123.275 (FISE) 126.7 (bcst)
MF	rdo 122.1 5NM 4000 ASL (CAR 602.98)
ARR	Winnipeg Ctr 132.25
DEP	Winnipeg Ctr 132.25
PAL	Winnipeg Ctr 132.25
NAV	
NDB	BRANDON BR 233 (L) N49 54 29 W100 04 24
VOR/DME	YBR 113.8 Ch 85 N49 54 36 W99 56 44 (1368´)
DME	IBR 110.1 Ch 38 N49 54 31 W99 57 43 Pvt
ILS	IBR 110.1 (Rwy 8) Pvt
PRO	Rgt hand circuits Rwy 26 (CAR 602.96). Periodic extv glider ops to 4000 MSL. Gliders & tow acft opr fr infield S of Rwy 08/26. Glider & tow acft circuits S of Rwy 08/26. Rgt hand circuits Rwy 32 (CAR 602.96). Gliders & tow acft opr fr infield W of Rwy 14/32. Glider& tow acft circuits W of Rwy 14/32. Acft inbd fr the S may be requested to rpt crossing the Trans Canada Hwy. **ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Brandon Class E Airspace 12,500' and below.
CAUTION	Hydro P-lines 154 AGL unlgtd 9000´ E of Thld 26. Ocsl parajump activity within 1.5NM of A/D to 14,000 ASL. Hi ints lgt oprg dusk to dawn fr hotel roof at N49 49 56 W99 57 40 (4.7NM S A/D). Beams projecting upward. Hi ints lgt may create temporary effects to vision.

BRANDON FSS – RCO

Dauphin 122.3 (RAAS) 12-02Z‡ (N51 06 W100 04)

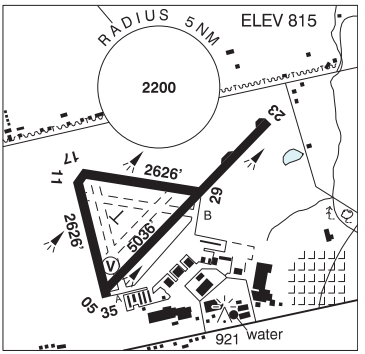
BRANT (DIXON FARM) AB CEX9

REF	N50 25 10 W113 32 27 6SSW 14°E (2016) UTC-7(6) Elev 3342' A5005
OPR	H.J. Dixon 403-809-0101 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16/34 4000x75 GRASS Thld 16 displ 500´.
RCR	Opr No win maint. May be clsd dur spring break-up.
COMM	
ATF	tfc 123.0 5NM 6400 ASL



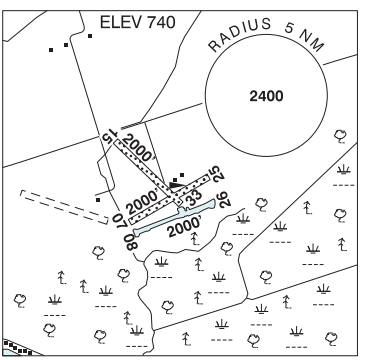
BRANTFORD ON — CYFD

REF	N43 07 57 W80 20 29 4WSW 10°W UTC-5(4) Elev 815´ VTA A5000 LO6 HI5 CAP
OPR	City 519-753-2521/1241 Reg
PF	A-1,7,8 13-22Z‡ A-2 13-19Z‡ C-3,4,5,6
CUST	AOE/15 888-226-7277 PN, 14-22Z‡ Mon-Fri exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	Svc avbl 13-22Z‡ O/T PN, call out chg.
FUEL	100LL, JA-1 (FSII avbl), SP
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 05(053°)/23(233°) 5036x100 ASPH AGN IIIA Rwy 11(108°)/29(288°) 2626x100 ASPH AGN II Rwy 17(174°)/35(354°) 2626x100 ASPH AGN II
RCR	Opr
LIGHTING	05-AS(TE ME) V1, 23-(TE ME), 11-(TE LO), 29-(TE LO), 17-(TE LO), 35-(TE LO) ARCAL-122.825 type K Rwy 05-23 only. Key mic 7 times for RIL Rwy 05.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.825 5NM 3800 ASL
PAL	Toronto Ctr 119.7 (Hamilton) May not be receivable on ground
CAUTION	Wildlife/birds in vic.



BRECHIN / RONAN AIRCRAFT ON — CDU7

REF	N44 34 17 W79 13 26 2.6NW 11°W (2019) UTC-5(4) Elev 740' A5000
OPR	Doug Ronan Aircraft Sales 705-327-4730 Reg PPR
PF	C-1,2,5,7,8 D-3,4,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 07(071°)/25(251°) 2000x75 GRASS Rwy 15(145°)/33(325°) 2000x75 GRASS Rwy 08(080°)/26(260°) 2000x75 WATER
RCR	Opr No win maint. Grass rwys soft when wet. Rwy 08/26 Open May-Nov

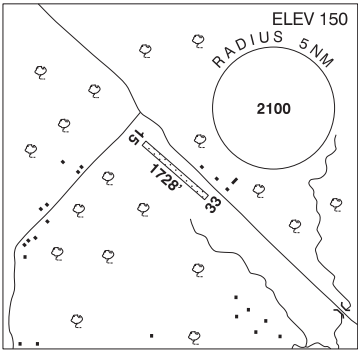


BRECHIN / RONAN AIRCRAFT ON (Cont'd) CDU7

COMM	
ATF	UNICOM ltd hrs O/T tfc 122.95 2.5NM 3800 ASL
CAUTION	A/D status unkn aprx 427' W Thld 07. Unmarked P-lines aprx 200' N Thld 15. Trees aprx 40 AGL aprx 300' W of Thld 08. Aerobatics may be in progress over A/D 5700 ASL & BLW.

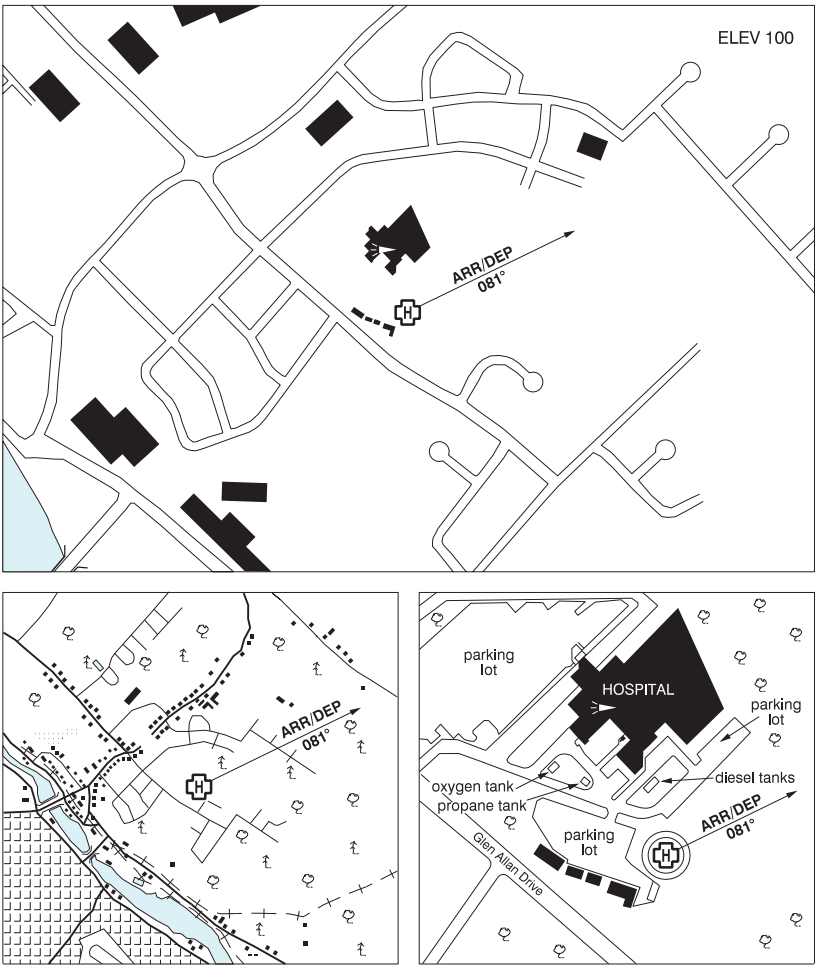
BRIDGEWATER / DAYSPRING AIRPARK NS CDY6

REF	N44 22 55 W64 27 27 1N 17°W (2015) UTC-4(3) Elev 150' VTA A5003
OPR	K Bennett 902-530-2338 or 902-521-1441 Reg PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 15/33 1728x30 gravel/asphalt mix
RCR	Opr Ltd win maint



COMM	
ATF	tfc 123.2 5NM 3200 ASL
CAUTION	Abrupt drop-off thld Rwy 33. High trees and powerline on apch to Rwy 15. Bridgewater (South Shore Regional hosp) heli 2.3NM W of A/D

BRIDGEWATER (SOUTH SHORE REGIONAL HOSP) NS (Heli) CDT6



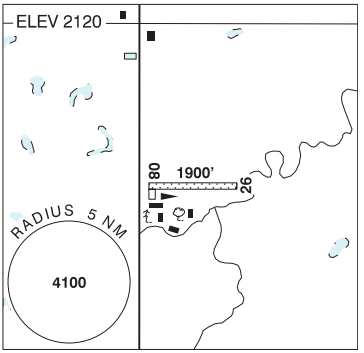
REF	N44 22 56 W64 30 38 Adj N 17°W (2016) UTC-4(3) Elev 100´ A5003
OPR	Nova Scotia Health Authority 902-543-4603 Cert PPR
PF	B-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 86´ dia ASPH Safety Area 115´ dia Max heli overall length 57.4´
RCR	Opr
LIGHTING	RW(LO) LED no aiming pt DR
COMM	
ATF	tfc 123.2 5NM 3100 ASL

BRIDGEWATER (SOUTH SHORE REGIONAL HOSP) NS (Heli) (Cont'd) CDT6

PRO	Arr/dep 081° fr heli, slope 12% (H2), day/night use.
CAUTION	Training area around heliport up to 3000 ASL, see Liverpool VTPC-Training area. Lgtd and marked light poles W of heli. Lgtd stacks on hosp roof NNW of heli.

BRIERCREST SOUTH SK CBS7

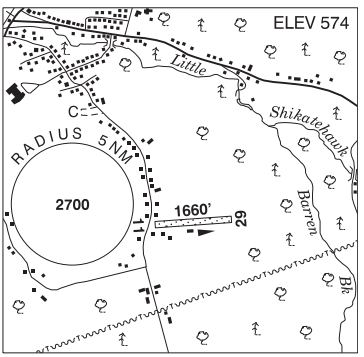
REF	N50 03 59 W105 18 02 8SSW 10°E (2012) UTC-6 Elev 2120´ A5006
OPR	Randy Thiele 306-799-4451 Reg
PF	B-1
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(080°)/26(260°) 1900x45 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 5200 ASL



BRIGDEN FIELD SK — See KISBEY/BRIGDEN FIELD

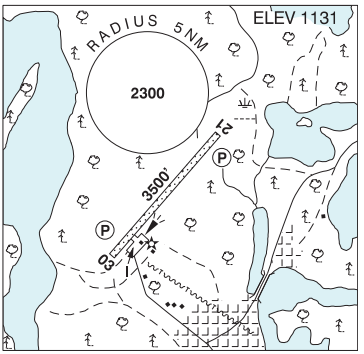
BRISTOL NB CDA6

REF	N46 27 34 W67 33 53 Adj S 17°W (2015) UTC-4(3) Elev 574´ A5002 A5003
OPR	F. Allen 506-392-6235/5574 Reg PN
PF	B-1 C-2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA RCR	Rwy 11/29 1660x50 GRASS Opr Ltd win maint
COMM ATF	tfc 122.8 5NM 3500 ASL
PRO	Rgt hand circuits Rwy 29 (CAR 602.96).
CAUTION	Hi trees on apch Rwy 11.



BROCHET MB — CYBT

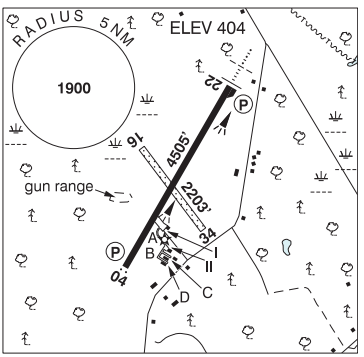
REF	N57 53 22 W101 40 45 1W 7°E (2013) UTC-6(5) Elev 1131´ A5024 LO1 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-323-2305 Cert
PF	A-1 C-4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)



RWY DATA	Rwy 03(034°)/21(214°) 3500x90 crushed rock
RWY CERT	Rwy 03/21 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-323-2005 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-323-2305
LIGHTING	03-(TE ME) P1, 21-(TE ME) P1 ARCAL-122.8 type K
COMM ATF	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

BROCKVILLE REGIONAL TACKABERRY APRT ON — CNL3

REF	N44 38 22 W75 45 01 4.8NW 14°W UTC-5(4) Elev 404´ A1905 A5000 A5002 LO6 LO7 T2 CAP
OPR	Brock Air Services Ltd 613-345-0642 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN FIC WX	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) AUTO at Ogdensburg Intl (KOGS) 315-393-8982 (see COMM). WxCam



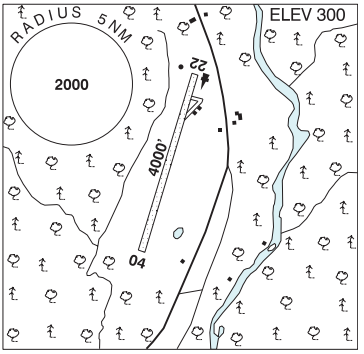
SERVICES FUEL S	Opr 1130-2030Z‡ Mon-Sun, after hrs Page 866-340-2076 100LL, JA-1 4,5,6
RWY DATA	Rwy 04(044°)/22(224°) 4505x90 ASPH Rwy 04 up 1.08% first 845' then down 0.25% AGN II Rwy 16(166°)/34(346°) 2203x75 GRASS
RCR	Opr Rwy 16/34 no win maint, may be extremely soft dur spring or after hvy rain. PLR
LIGHTING	04-AS(TE LO) AP, 22-AK(TE LO) AP ARCAL-123.3 type K (All A/D lgt exc MALSF) MALSF-123.5 type K.

BROCKVILLE REGIONAL TACKABERRY APRT ON (Cont'd) CNL3

COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 3400 ASL
ARR	(bil) Montréal Ctr 134.675
DEP	(bil) Montréal Ctr 134.675
AUTO	118.525 at Ogdensburg Intl (KOGS)
CAUTION	Wildlife frequently on rwys. Possible win main eqpt on rwy outside ops hrs. Snow clearing may be conducted after hrs. Acft on opposite ends of Rwy 04/22 may not be visible to each other. Firing range 600 ft beyond Thld 04 and 1200 ft left runway centre line 1230-0400Z‡ dly. Possible acft overflying on apch into Ogdensburg, NY (KOGS) A/D. Acft approaching KOGS may not be on ATF 123.0. Possible wake turbulence.

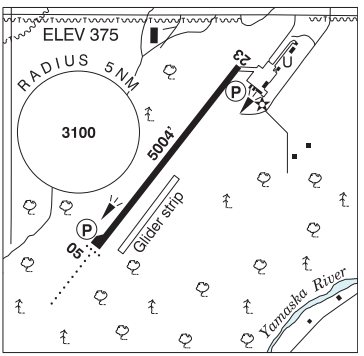
BROCKWAY NB CCX3

REF	N45 34 W67 06 4NE 17°W (2015) UTC-4(3) Elev 300´ A5003
OPR	N.B. Dept of Natural Resources 506-778-6672 (sum), 506-453-2530 (win) Reg PN
PF	D-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 04/22 4000x75 treated gravel
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3300 ASL
CAUTION	Hi trees on both apchs.



BROMONT (ROLAND DÉSOURDY) QC CZBM

REF	N45 17 27 W72 44 31 3.4WSW 15°W (2012) UTC-5(4) Elev 375' VTA A5002 LO6 LO8 HI5 CAP
OPR	Régie Aéroportuaire Régionale des Cantons de l'Est 450-534-2325 Reg
PF	A-1,2,6 (aprt ops hrs) C-3,4,5
CUST	AOE/15 888-226-7277 1330-0500Z‡ Mon-Sun exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353, all Flt Pln, IFR tng flts PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep.
WX	AUTO 450-919-0840 H24 (see COMM) ALTIMETER/WIND 450-534-2325 12-22Z‡ (see COMM) Webcam

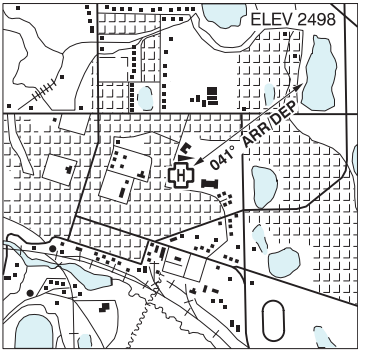


BROMONT (ROLAND DÉSOURDY) QC (Cont'd) CZBM

SERVICES	Chg may be levied for some svcs
FUEL	100LL, JA-1, SP, HPR
OIL	All
S	1,2,3,4,5,6 12-22Z‡
JASU	CE14
PVT ADV	122.15
RWY DATA	Rwy 05(053°)/23(233°) 5004x100 ASPH Rwy 23 down 0.6% AGN IIIB
TWY	Twy U Pvt
APRON	Access code 2305
RCR	Opr 12-22Z‡ O/T 1 hr PN (Fees) 450-535-2325 or 450-531-7288 / 450-525-0861 PLR/PCN
LIGHTING	05-AD(non-std 2600') (T LO) P2, 23-(T LO) P2 ARCAL-122.15 type J
COMM	(bil)
CLNC DEL	Prior dep pilots must ctc Québec FIC for IFR clnc at 866-GOMÉTÉO or 866-WXBRIEF
MF/ATF	UNICOM (AU) 12-22Z‡ O/T tfc 122.15 5NM 3400 ASL (CAR 602.98)
AUTO	122.975
PRO	**Circuits:** Rgt hand circuits Rwy 23 (CAR 602.96). Do not overfly airport during glider ops. **Mil Glider Ops (yellow):** Left hand circuits Rwy 23, Rgt hand circuits Rwy 05 (CAR 602.96). All glider ops and tow acft ops conducted parallel to and 300' E of rwy. Give way to gliders on apch (CAR 602.19). **Civil Glider Ops (high performance):** Civil gliders are white, high performance, join normal circuit and ldg/tkof asphalt rwy. P-line lgt must be activated upon entering MF/ATF zone at night by ARCAL (see LIGHTING). **Training:** VFR and IFR training not auth 03-12Z‡ Nov-Apr, 02-12Z‡ May-Oct. Touch and go not auth 03-12Z‡ Nov-Apr, 02-12Z‡ May-Oct.
CAUTION	**Paradrop:** Paradrop activities aprx 10NM W. Lgtd P-lines up to 187 AGL aprx 2NM NE A/D

BROOKS (COMMUNITY HEALTH CENTRE) AB (Heli) CFV8

REF	N50 34 07 W111 53 18 Adj 12°E (2015) UTC-7(6) Elev 2498´ A5005
OPR	Brooks Community Health Centre 403-501-3232 Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4'
LIGHTING	RW(LO) LED DR LED
COMM	
PAL	Edmonton Ctr 132.65 229.3
ATF	UNICOM ltd hrs O/T tfc 122.8 (centred on Brooks Regional A/D 4.1NM NW) 5NM 5500 ASL

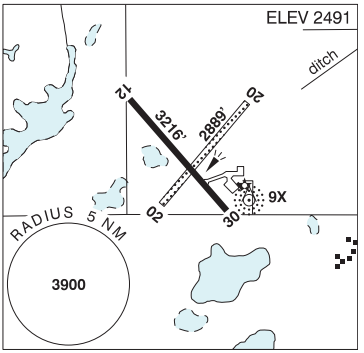


BROOKS (COMMUNITY HEALTH CENTRE) AB (Heli) (Cont'd) CFV8

PRO	Arr/dep 041° fr heli, slope 12% (H2), day/night use
CAUTION	Heli aim point partially marked. Heli FATO outline not marked. Heli flight path ARR/DEP arrow not marked.

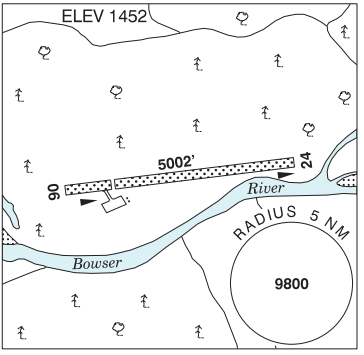
BROOKS REGIONAL AB CYBP

REF	N50 38 03 W111 55 35 3NNW 14°E (2013) UTC-7(6) Elev 2491´ A5005 LO2 CAP
OPR	City 403-362-3333 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL
S	4,5,6
RWY DATA	Rwy 12(126°)/30(306°) 3216x75 ASPH AGN IIIA Rwy 02(026°)/20(206°) 2889x50 GRVL
RCR	Opr Ltd maint. Rwy 12/30 snow plowed compacted. Rwy 02/20 no win maint.
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-122.8 type K
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 5500 ASL
PAL	Edmonton Ctr 125.05 132.65 229.3
NAV **NDB**	9X 227 (L) N50 37 56 W111 55 18 Pvt Unmonitored



BRUCEJACK / BOWSER BC CBB6

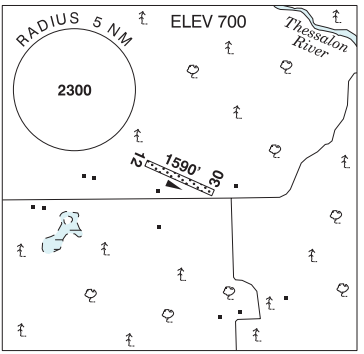
REF	N56 23 43 W129 56 42 9SE 19°E (2018) UTC-8(7) Elev 1452' A5021 RCAP
OPR	Pretium Resources Inc 604-558-1784 Reg PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	PPR for altimeter availability, ctc OPR
RWY DATA	Rwy 06(064°)/24(244°) 5002x100 GRVL Rwy 06 down 0.52% Thld 06 displ 1001'
RCR	Opr
COMM **ATF**	123.2 5NM 4500 ASL
CAUTION	Mountainous terrain all quadrants. Mdt to severe turbulence & wind shear may be encountered on apch. Wildlife in vic of rwy.



BRUCE McPHAIL MEM ON — See COBDEN / BRUCE McPHAIL MEM

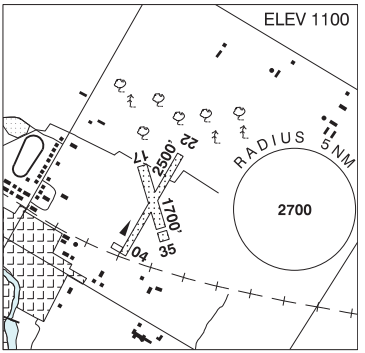
BRUCE MINES / KERR FIELD ON CBM3

REF	N46 20 18 W83 42 40 4.1ENE 8°W (2017) UTC-5(4) Elev 700' A5001
OPR	Dan & Pat Kerr 705-785-9900 Reg PPR
PF	B-1 C-2,3,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(122°)/30(302°) 1590x50 GRASS/SNOW Opr Ltd win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 3NM 3700 ASL
CAUTION	Deer frequently in vic of rwy. Gravel road at E end of rwy.



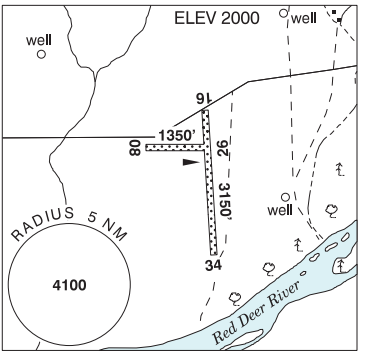
BRUSSELS (ARMSTRONG FIELD) ON CPD4

REF	N43 45 W81 14 Adj E 9°W UTC-5(4) Elev 1100´ A5000
OPR	W.J. Armstrong 519-357-5588 Reg
PF	B-1 C-2,4,5 D-3,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 04/22 2500x70 GRASS Rwy 17/35 1700x120 GRASS Thld 35 displ 200'. Opr No win maint
CAUTION	Grove of aprx 75 AGL trees off Thld 22 end. Twr 345 AGL 1NM SW & 200 AGL 0.5NM NW.



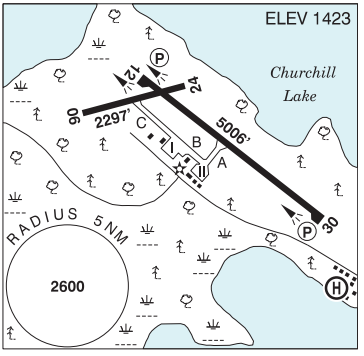
BUFFALO (JAQUES FARMS) AB — CJF4

REF	N50 51 39 W110 39 18 3NNE 13°E (2014) UTC-7(6) Elev 2000´ A5005 A5006
OPR	Arthur Jaques 403-633-0114 Byron Jaques 403-633-0175 Reg
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(164°)/34(344°) 3150x60 GRASS Rwy 08(077°)/26(257°) 1350x60 GRASS
RCR	Opr
COMM **ATF**	tfc 123.2 5NM 4000 ASL
CAUTION	Ltd maint.

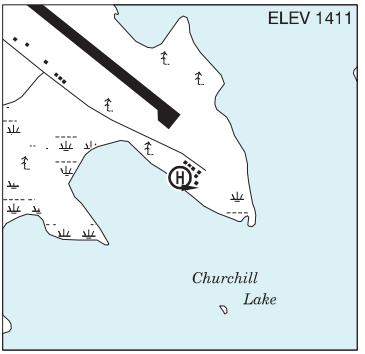


BUFFALO NARROWS SK — CYVT

REF	N55 50 31 W108 25 03 2ESE 12°E (2014) UTC-6 Elev 1423´ A5015 LO1 HI3 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Cert
PF	A-1 C-2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	METAR AUTO H24 (see COMM). TAF 14-04Z, issue times: 14, 21Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	JA
OIL	80, 100
S	1,2,4,5,6
PVT ADV	Snowbird Petroleum 129.45 306-235-4373
RWY DATA	Rwy 12(116°)/30(296°) 5006x100 asphalt Rwy 12 up 0.33% Rwy 06(064°)/24(244°) 2297x75 asphalt
RWY CERT	Rwy 12/30 AGN IIIA Rwy 06/24 AGN II
RCR	District Office 306-236-7650 or Opr Ltd hrs
LIGHTING	12-(TE ME) P1, 30-(TE ME) P1, 06-(TE ME), 24-(TE ME) ARCAL-118.65 type K
COMM	
RCO	Regina rdo 118.65 (RAAS) 14-02Z Edmonton 123.275 (FISE) 126.7(bcst)
MF	Regina rdo 14-02Z O/T tfc 118.65 5NM 4500 ASL (CAR 602.98)
AWOS	128.600
CAUTION	Extv bird activity Apr-Oct. Heli aprx 1276' SSE fr Thld 30.

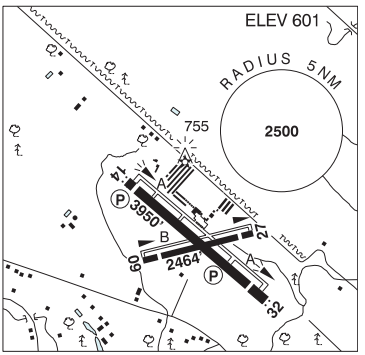


BUFFALO NARROWS (FIRE CENTRE) SK (Heli) CBN3



REF	N55 50 03 W108 24 15 2.8 ESE 12°E (2013) UTC-6 Elev 1411' A5015
OPR	Saskatchewan Ministry of Environment Wildfire Management 306-235-1800 Fax 306-235-1777 Reg PPR
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
PVT ADV	Fire Control 163.26 FM
HELI DATA	295' x 295' ASPH/GRVL
RCR	Opr No win maint
COMM	
MF	Regina rdo 14-02Z O/T tfc 118.65 5NM centered on Buffalo Narrows A/D adj 4500 ASL (CAR 602.98)

BURLINGTON EXECUTIVE ON CZBA



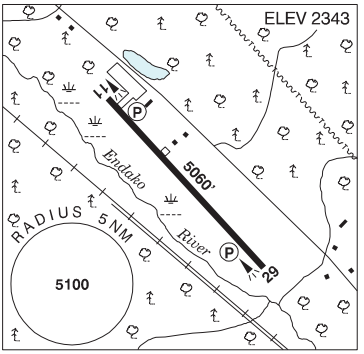
REF	N43 26 29 W79 51 01 10°W (2013) UTC-5(4) Elev 601' VTA A5000 LO6 T2 CAP
OPR	Vince Rossi 905-336-4010 (Day), 416-617-2428 (Night) Reg
PF	C-1,2,3,4,5,6,7
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO (see COMM) WxCam
SERVICES	
FUEL	100LL, JA cardlock dispenser
OIL	100
S	1,2,3,4,5
RWY DATA	Rwy 14(141°)/32(321°) 3950x100 ASPH Rwy 14 down 0.61% Thld 14 displ 181'. Thld 32 displ 409'. Rwy 09(086°)/27(266°) 2464x50 asphalt Rwy 09 down 0.42% Thld 09 displ 328'. Thld 27 displ 254'
RCR	Opr 13-23Z‡ or Spectrum Airways 905-336-4010
LIGHTING	14-AS(TE LO) AP, 32-AS(TE LO) AP ARCAL-123.5 type J.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.5 5NM below 2500 ASL
TML	Toronto 119.3
AUTO	122.55

BURLINGTON EXECUTIVE ON (Cont'd) CZBA

PRO	Circuit hgt 1500´ ASL. Rgt hand circuits Rwy 27 & 32 (CAR 602.96). As soon as practicable after take-off fr Rwy 14 turn left 5° to avoid noise sensitive area. Helicopters follow fixed-wing circuit procedures. Rwy 14/32 preferential.
CAUTION	50 ft trees on apch to Rwy 32 loc aprx 400´ from thld of Rwy 32. Abn on top of twr 755 ASL (148 AGL) aprx 1635' N A/D. No runout area avbl beyond end of Rwy 09, 14, 27. Occasional wildlife activity.

BURNS LAKE BC CYPZ

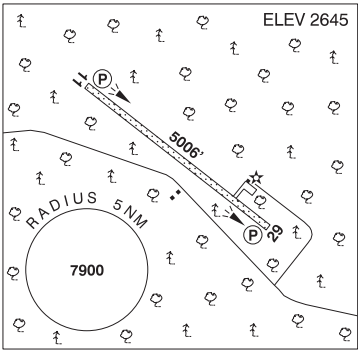
REF	N54 22 35 W125 57 05 11NW 19°E (2013) UTC-8(7) Elev 2343´ A5013 LO1 HI3 RCAP
OPR	Aprt Society 250-698-7364, 250-692-0220 Reg
PF	A-1 B-5,6 C-2 D-4
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO 250-698-7732 (see COMM) WxCam
SERVICES	1 hr PN
FUEL	100LL, JA
OIL	15W50



RWY DATA	Rwy 11(118°)/29(298°) 5060x75 asphalt
RCR	Aprt caretaker 250-698-7364 or Opr.
LIGHTING	11-(TE ME) P1, 29-(TE ME) P1 ARCAL-122.7 type K
COMM	
RCO	Pacific rdo 123.375 (FISE) 126.7 (bcst)
ATF	tfc 122.7 5NM 5400 ASL
PAL	Vancouver Ctr 123.875 132.525
AUTO	122.950
CAUTION	Rdo ctl acft opr fr rwy to 500 AGL wknds Mar-Nov.

BURWASH YT CYDB

REF	N61 22 14 W139 02 24 2NW 19°E (2019) UTC-7 Elev 2645´ A5028 A5099 LO5 HI2 CAP
OPR	Govt of Yukon 867-993-7709, 867-634-2046 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-841-4242 Ltd hrs (see COMM) Fax 867-841-5903
WX	METAR dur CARS hrs O/T METAR AUTO (see COMM). TAF H24, issue times: 00, 06, 12, 18Z. WxCam



BURWASH YT (Cont'd) CYDB

SERVICES	Fuel stor by permit only ctc opr
S	4,5
RWY DATA	Rwy 11(109°)/29(289°) 5006x100 GRVL Rwy 11 down 0.66% AGN IIIA
RCR	CARS, dur CARS hrs ops (see COMM) Ltd maint. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	11-(TE LO) P2, 29-(TE LO) P2 ARCAL-122.1 type J PAPI may require 3-5 min to activate via ARCAL in cold temperatures.
COMM	
RCO	Whitehorse rdo (Beaver Creek - for use W of A/D) 123.475 (FISE) 126.7 (bcst) Whitehorse rdo (Haines Junction - for use E of A/D) 123.375 (FISE) 126.7 (bcst). Both may not be receivable on ground.
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 5700 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-01Z Jun 1-Sep 30; 14-22Z Oct 1-May 31
AWOS	128.7 (not avbl dur CARS hrs ops)
CAUTION	Low level wind shear Rwy 11 may be encountered due strong winds & rising terrain N side of Rwy 11.

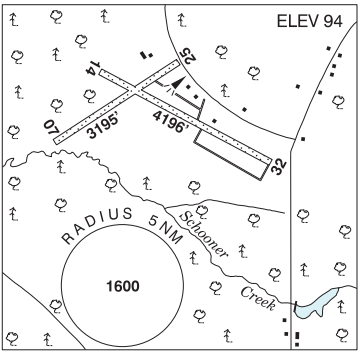
BUSHHAWK CREEK ON — See STRAFFORDVILLE / BUSHHAWK CREEK

BUTLER AIRFIELD ON — See PETROLIA / BUTLER AIRFIELD

CABLE HEAD AIRPARK PE

CCA3

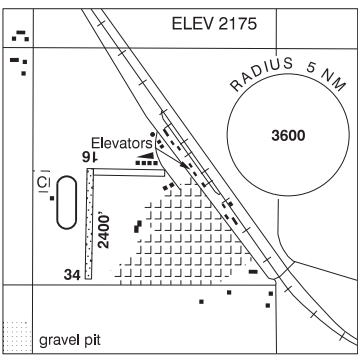
REF	N46 26 36 W62 35 29 1.5NW 18°W (2015) UTC-4(3) Elev 94´ A5003
OPR	Michael Whitty 239-410-5305 Reg PN
PF	C-1 D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 14(136°)/32(316°) 4196x100 GRASS Rwy 07(075°)/25(255°) 3195x75 GRASS
RCR	Opr No win maint. Rwys soft dur spring thaw.
LIGHTING	14-(TE LO) 32-(TE LO) ARCAL-123.2 type J Rwy 14/32 only (non-standard 3 clicks on - 5 clicks off)
COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Marked p-line on Rwy 25 end.



CABRI SK

CJJ5

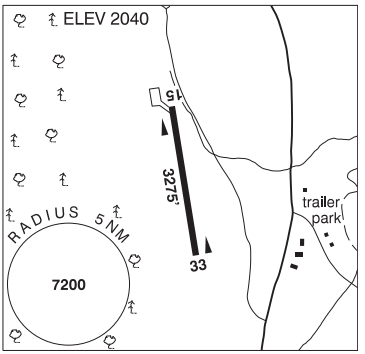
REF	N50 37 10 W108 27 58 Adj W 12°E (2012) UTC-6 Elev 2175´ A5006
OPR	Town 306-587-2500 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(168°)/34(348°) 2400x75 clay
RCR	Opr No win maint. Rwy extremely soft after rain.
COMM	
ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Twy ocsl used for ldg & tkof.



CACHE CREEK BC

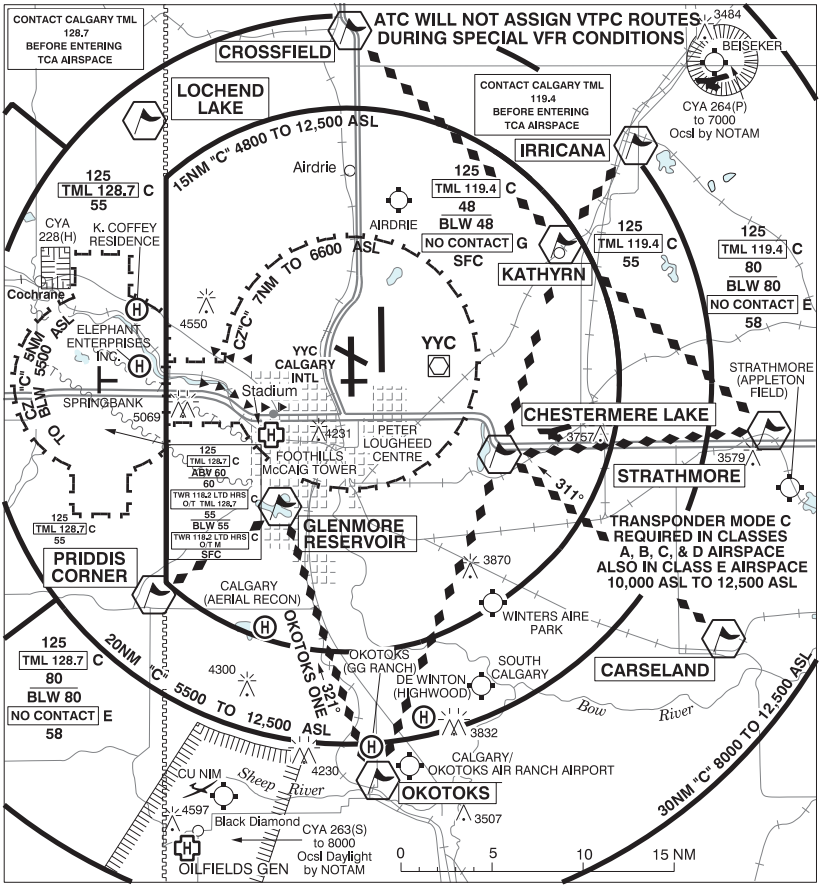
CAZ5

REF	N50 46 30 W121 19 16 17°E (2013) UTC-8(7) Elev 2040´ A5004 LO2
OPR	Village 250-457-6237 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 15(152°)/33(332°) 3275x75 asphalt Rwy 33 up 1.25% Sharp fall-off thld Rwys 15 & 33.
RCR	Caretaker 250-457-1214/9347 Ltd win maint Rwy ruf
COMM ATF	tfc 123.2 2NM 3600 ASL
PRO	Rgt hand circuit Rwy 33 (CAR 602.96)
CAUTION	Cattle on rwy.



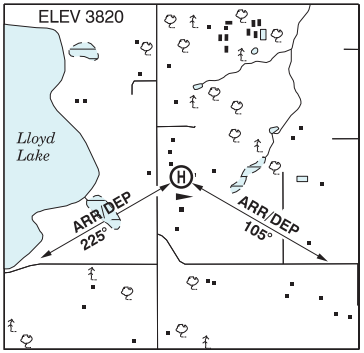
CALEDON ON — See BRAMPTON-CALEDON

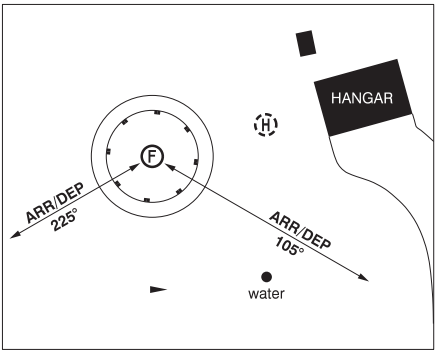
CALGARY VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
CARSELAND	VCCRL	N50° 51' 15" W113° 28' 00"
CHESTERMERE LAKE	VCCMR	N51° 01' 30" W113° 49' 00"
CROSSFIELD	VCCRF	N51° 26' 00" W114° 02' 00"
GLENMORE RESERVOIR	VCGLM	N50° 59' 00" W114° 07' 30"
IRRICANA	VCIRR	N51° 19' 24" W113° 36' 12"
KATHYRN	VCKTH	N51° 13' 00" W113° 42' 00"
LOCHEND LAKE	VCLEL	N51° 20' 00" W114° 19' 12"
OKOTOKS	VCOKO	N50° 43' 30" W113° 58' 30"
PRIDDIS CORNER	VCPDS	N50° 53' 30" W114° 17' 45"
STRATHMORE	VCSRM	N51° 02' 30" W113° 23' 30"

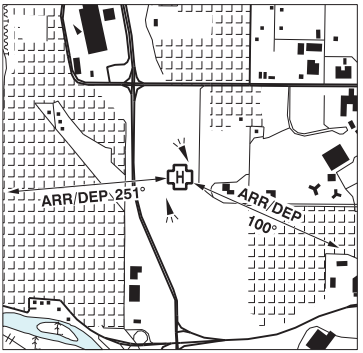
CALGARY (AERIAL RECON) AB (Heli) CAR3

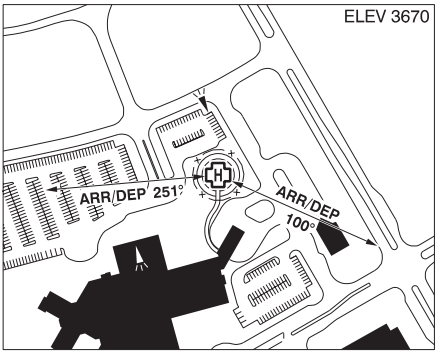




REF	N50 52 05 W114 08 17 11S 15°E (2014) UTC-7(6) Elev 3820' VTA A5005
OPR	Eric Gould 403-508-1700 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia GRASS TLOF 51' dia CONC Safety Area 85' dia Max heli overall length 42.7'
RCR	Opr
COMM	
ATF	tfc 122.8 5NM 4800 ASL
PRO	Arr/dep 225° and 105° fr heli, slope 8% (H3).

CALGARY (ALBERTA CHILDREN'S HOSP) AB (Heli) CAC6





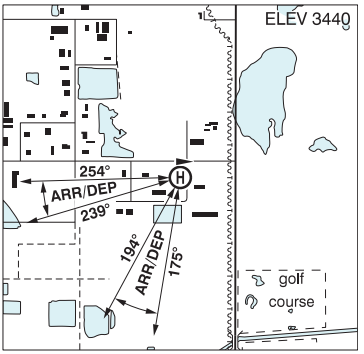
REF	N51 04 34 W114 08 52 Adj WNW 14°E (2018) UTC-7(6) Elev 3670' VTA A5005
OPR	Alberta Health Services 403-955-7600 Cert PPR
PF	A-1,4 C-2,3,5,6

CALGARY (ALBERTA CHILDREN'S HOSP) AB (Heli) (Cont'd) CAC6

FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia CONC/GRASS TLOF 33' dia CONC Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RW(LO) yellow RF(FH) PN
COMM	
VFR ADV	119.4
PRO	Arr/dep 100° fr heli (H1). Arr/dep 251° fr heli (H1).
CAUTION	Electrical bldg lctd aprx 150' fr heli on SE flt path. Bldg corners are marked with red obst lgt.

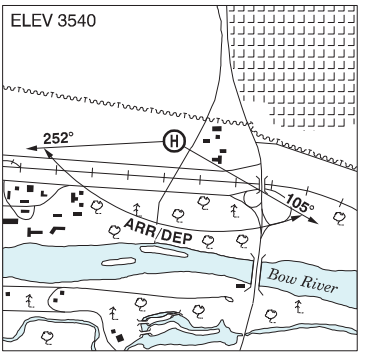
CALGARY / BLUE-CON AB (Heli) CBC6

REF	N50 59 49 W113 53 38 2E 14°E (2014) UTC-7(6) Elev 3440' VTA A5005
OPR	Matt Haasen 403-273-1144 Cert PN
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 87' dia Max heli overall length 42.7'
RCR	Opr Day VFR only
COMM	
VFR ADV	119.4
PRO	Arr/dep 239° to 254° and 175° to 194° fr heli, slope 6% (H3).
CAUTION	P-line oriented N-S adj E heli. Poles and wires are day marked in the vic of heli.



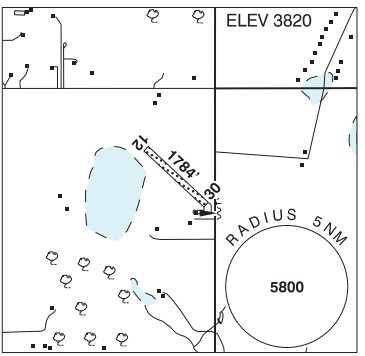
CALGARY (BOW CROW) AB (Heli) CEP2

REF	N51 06 11 W114 12 54 15°E (2014) UTC-7(6) Elev 3540´ VTA A5005
OPR	Alberta Sustainable Resource Development, Forest Protection Division 403-297-8828/8822 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	30' dia 100' dia Max heli overall length 57'
COMM	Eastbound Calgary VFR ADV 119.4 Westbound Springbank TWR 118.2
A/G	Dispatch 122.9 AM (Seasonal)
PRO	Arr/dep 105° to 252° fr heli, slope 16% (H3).
CAUTION	P-Lines to N.



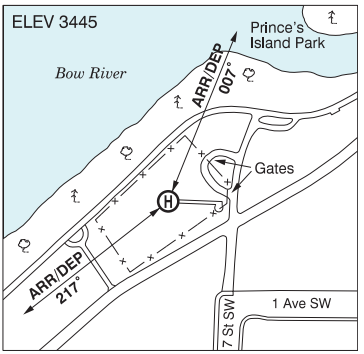
CALGARY / CHRISTIANSEN FIELD AB CRS3

REF	N50 47 58 W114 03 04 6NW 15°E (2011) UTC-7(6) Elev 3820' A5005
OPR	Soren Christiansen 403-606-7559 Reg PPR
PF	A-1 D-3
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA
RWY DATA	Rwy 12(118°)/30(298°) 1784x40 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 122.8 5NM 6800 ASL
CAUTION	P-lines on apch to Rwy 30.



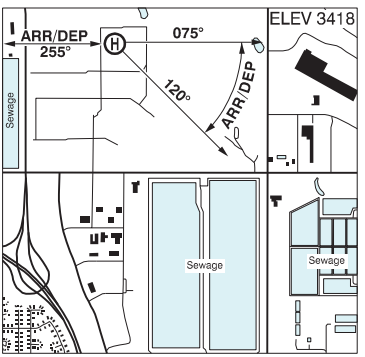
CALGARY (CITY / BOW RIVER) AB (Heli) CEL2

REF	N51 03 10 W114 04 44 15°E (2014) UTC-7(6) Elev 3445' VTA A5005
OPR	City 311 (within Calgary), 403-268-2489 (outside of Calgary) Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia GRASS TLOF 25' dia ASPH Safety Area 115' dia
RCR	Opr Winter snow removal. Ldg Fees.
COMM	
VFR ADV	119.4
PRO	Arr/dep via Bow River & Calgary VTPC should be used for noise abatement. Arr/dep 217° fr heli (H2). Arr/dep 007° fr heli (H3).

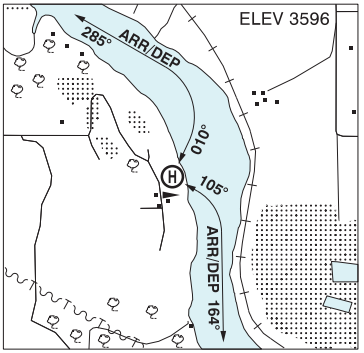


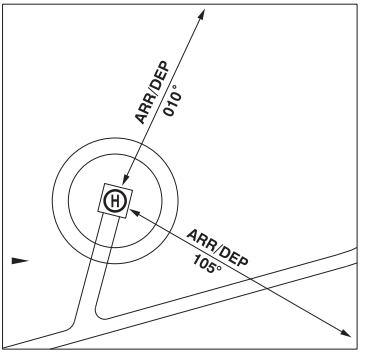
CALGARY (EASTLAKE) AB (Heli) CEL9

REF	N50 57 18 W113 58 22 Adj 15°E (2013) UTC-7(6) Elev 3418' VTA A5005
OPR	Al Morrison 403-540-1125 Cert PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 54' x 54' non-supporting TLOF 45' x 45' CONC Safety Area 85' x 85' 5,000 lbs
RCR	Opr 14-03Z‡
LIGHTING	RF(LO)
COMM	
VFR ADV	119.4
PRO	Arr/dep 075° to 120° fr heli slope 16% (H3), day/night use. Arr/dep 255° fr heli, slope 8% (H3), day/night use. Avoid Calgary Animal Shelter Adj NE
CAUTION	Avoid p-line to W of heli along N-S road when using 255° path. Lgtd twr 3890 ASL (465 AGL) 0.7NM SSE.



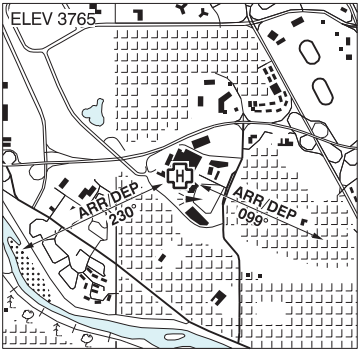
CALGARY / ELEPHANT ENTERPRISES INC. AB (Heli) CEE2

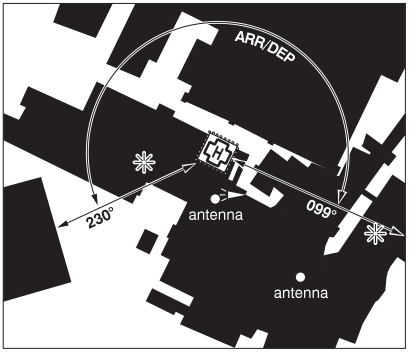




REF	N51 06 55 W114 17 44 15°E(2015) UTC-7(6) Elev 3596' VTA A5005
OPR	Elephant Enterprises Inc. 403-850-9123 Reg PPR
PF	C-1,2,3,6 D-4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia GRASS TLOF 20' x 20' CONC Safety Area 85' dia Max heli overall length 42.7'
COMM	
ATIS	127.9 14-06Z‡
GND	Springbank Gnd 121.8 14-06Z‡
TWR	Springbank Twr 118.2 (outer) 120.7 (inner) (V) 16-24Z‡ 118.2 (V) 14-16Z‡ & 00-06Z‡ emerg only 403-216-7132
MF	tfc 118.2 06-14Z‡ O/T Springbank Twr 118.2 5NM 5500 ASL (CAR 602.98)
PRO	Ctc Springbank Gnd 121.8 prior to tkof for class C clnc and dep info. Arr/dep curved 010° to 285° fr heli, slope 8% (H3), day use only. Arr/dep curved 105° to 164° fr heli, slope 8% (H3), day use only.
CAUTION	Lochend Lake VFR route 1.0NM W of heli

CALGARY (FOOTHILLS HOSP McCAIG TOWER) AB (Heli) CMT3



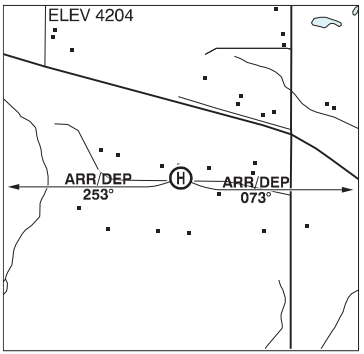


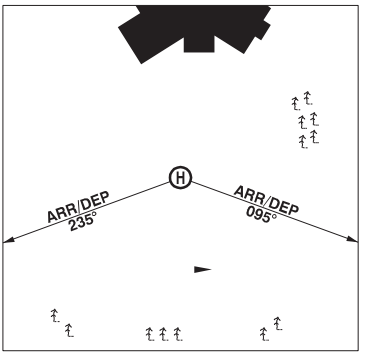
REF	N51 03 55 W114 08 06 Adj 15°E (2014) UTC-7(6) Elev 3765' VTA A5005

CALGARY (FOOTHILLS HOSP McCAIG TOWER) AB (Heli) (Cont'd) CMT3

OPR	Alberta Health Services 403-944-1152 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia rooftop non-supporting TLOF 57' x 57' CONC Safety Area 115' dia Rooftop 17,000 lbs Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RY(LO)
COMM	
VFR ADV	119.4
PRO	Arr/dep 230° to 099° fr heli (H1), day/ngt use (CAR 602.96).

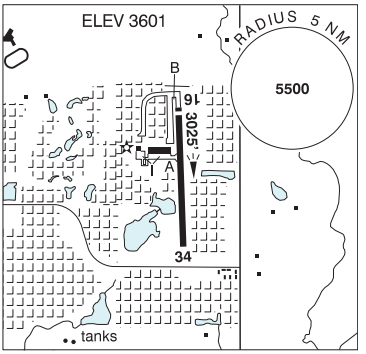
CALGARY / K. COFFEY RESIDENCE AB (Heli) CKC4





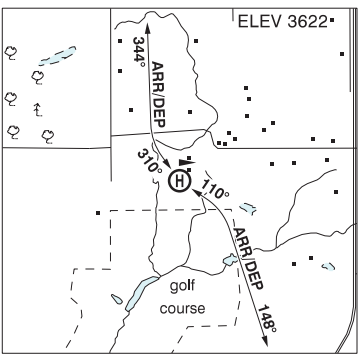
REF	N51 09 56 W114 18 52 3NW 15°E (2012) UTC-7(6) Elev 4204' VTA A5005
OPR	Ken Coffey 403-680-9467 Reg PN
PF	C-1,2,3,6 D-4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 64' dia GRASS Safety Area 85' dia Max heli overall length 42.7'
RCR	Opr
COMM	
ATIS	127.9 14-06Z‡
GND	Springbank Gnd 121.8 14-06Z‡
TWR	Springbank Twr 118.2 (outer) 120.7 (inner) (V) 16-24Z‡ 118.2 (V) 14-16Z‡ & 00-06Z‡ emerg only 403-216-7132
MF	tfc 118.2 06-14Z‡ O/T Springbank Twr 118.2 5NM 5500 ASL (CAR 602.98)
PRO	Arr/Dep curved flt path see sketch 095° thru 073° fr heli and 235° thru 253° fr heli. All slope 8% (H3). PPR opr 403-680-9467 CTC Springbank GND 121.8 prior to tkof for class C clnc and dep info
CAUTION	Stone Wall and conc patio N of Safety area. Trees 100' S of heli. Lochend Lake VFR Rte 0.5NM W of heli. Hwy 1A VFR Rte 0.25NM N of 095° flt path.

CALGARY / OKOTOKS AIR RANCH AIRPORT AB — CFX2



REF	N50 44 02 W113 56 04 15S 15°E (2012) UTC-7(6) Elev 3601´ VTA A5005 LO2 T1
OPR	OAR GP INC. 403-498-7930 Cert PPR
PF	B-7,8 C-3 D-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	1,2,4,5,6
RWY DATA	Rwy 16(163°)/34(343°) 3025x50 ASPH Thld 16 displ 98' Rwy 34 up 1.64%
RWY CERT	Rwy 16/34 AGN I
RCR	Opr Rwy maint 15-24Z‡ Mon-Fri, 15-19Z‡ Sat-Sun, O/T call out chg may be levied
LIGHTING	16-(TE LO), 34-(TE LO) PN Opr
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6700 ASL
PRO	Rgt hand circuits Rwy 34 (CAR 602.96).
CAUTION	CRF4 located aprx 2NM NW. 43 AGL lamp post 417' S Thld Rwy 34 and 268' left of extended centre line. Wildlife in vic. Extv waterfowl activity vic A/D year round. Frost heaves in rwy dur spring thaw. Church steeple 133 AGL aprx 0.7NM NW Thld 16. Tower 306 AGL aprx 0.6NM SW Thld 34.

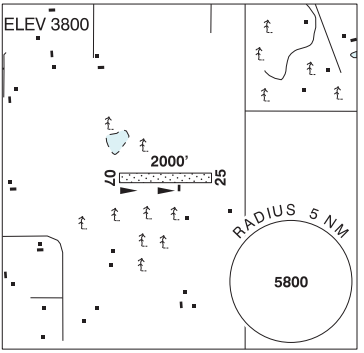
CALGARY / OKOTOKS (GG RANCH) AB (Heli) — COK2



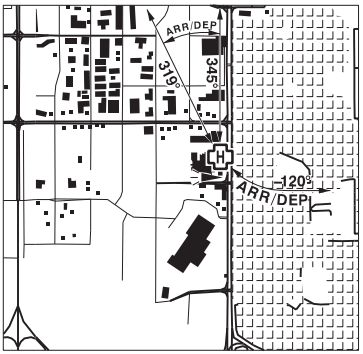
REF	N50 44 41 W113 59 30 14SSE 14°E (2015) UTC-7(6) Elev 3622' VTA A5005
OPR	Brian Van Humbeck 403-990-9500 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 57' dia GRASS Safety Area 77' dia Max heli overall length 38.4'
RCR	Opr Ltd win maint
COMM	
ATF	tfc 122.8 5NM centred on Okotoks Air Ranch Airport 2.3NM E 6700 ASL
PRO	Arr/dep curved 310° to 344° fr heli, slope 8% (H3), day only. Arr/dep curved 110° to 148° fr heli, slope 8% (H3), day only.
CAUTION	Ocsl farm eqpt in vic.

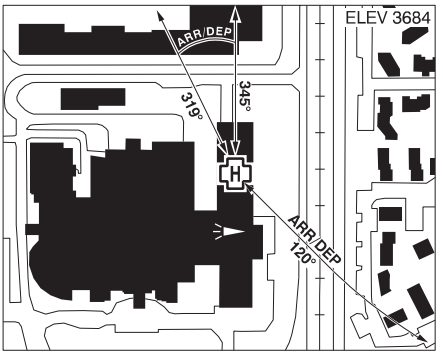
CALGARY / OKOTOKS (ROWLAND FIELD) AB — CRF4

REF	N50 45 53 W113 57 29 13S 15°E (2012) UTC-7(6) Elev 3800' VTA A5005
OPR	W Rowland 403-938-6262 Reg PPR
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(075°)/25(255°) 2000x200 GRASS
RCR	Opr ltd maint. No win maint. Clsd dur spring break-up. Soft when wet.
COMM	
ATF	tfc 122.8 5NM centred on Okotoks Air Ranch Airport 2NM SE 6700 ASL
CAUTION	Ultra-light & nordo tfc. Rwy not level, centre not vis fr Thld 07. 4' fence across Thld 07. Road & P-line 600' E Thld 25. P-line N of rwy, trees S of rwy. Wildlife in vic. Avoid flight over homes N & SW of airfield. Light acft only. Okotoks Air Ranch Airport (CFX2) 2NM SE. Avoid takeoff 07.



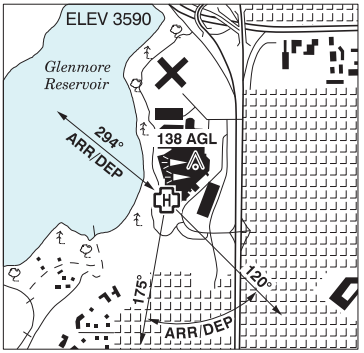
CALGARY (PETER LOUGHEED CENTRE) AB (Heli) — CLC3

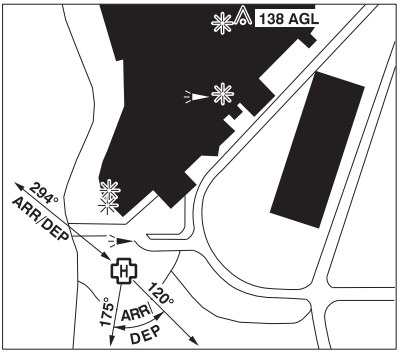




REF	N51 04 46 W113 58 58 Adj NE 15°E (2012) UTC-7(6) Elev 3684´ VTA A5005
OPR	Alberta Health Services 403-943-4502 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia TLOF 57' x 57' CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4'
RCR	Opr
LIGHTING	RY(LO)
COMM	
VFR ADV	119.4
PRO	Arr/dep 319° to 345° fr heli and 120° fr heli curved. Slope 16% (H2).

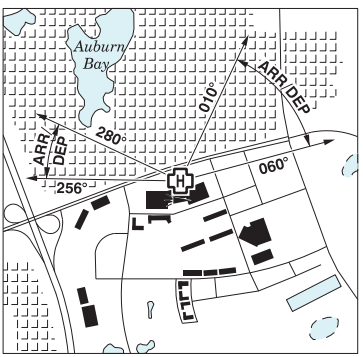
CALGARY (ROCKYVIEW HOSP) AB (Heli) CEM2

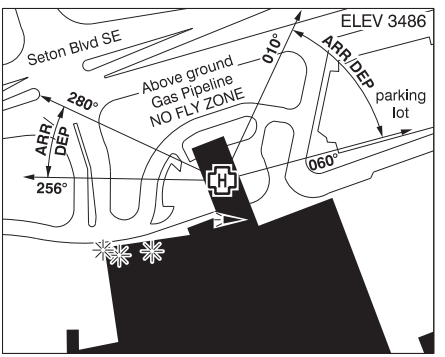




REF	N50 59 18 W114 05 54 15°E (2013) UTC-7(6) Elev 3590´ VTA A5005
OPR	Alberta Health Services 403-943-3000 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86´ dia CONC Safety Area 115´ dia
LIGHTING	RW(ME) PN
COMM	
VFR ADV	119.4
PRO	Arr/dep 120° to 175° fr heli, slope 16% (H2) and arr/dep 294° fr heli, slope 16% (H2).

CALGARY / SOUTH HEALTH CAMPUS (HOSP) AB (Heli) CSH3



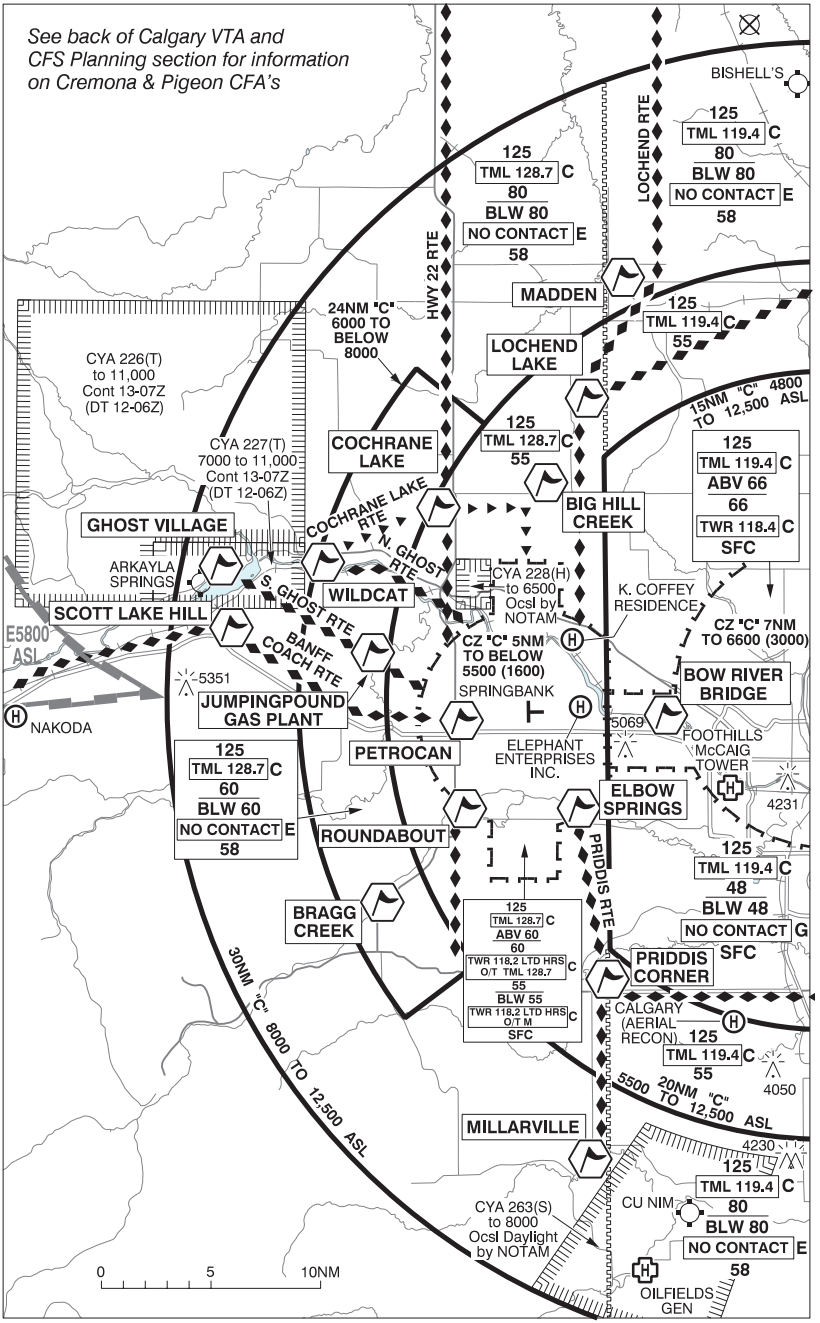


REF	N50 52 58 W113 57 07 11SE 15°E (2013) UTC-7(6) Elev 3486' VTA A5005
OPR	Alberta Health Services 403-956-1000 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-2,3,5,6

CALGARY / SOUTH HEALTH CAMPUS (HOSP) AB (Cont'd)(Heli) CSH3

FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia non-supporting TLOF 57' x 57' CONC elevated rooftop, 18,000 lbs Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RY(ME) PPR
COMM	
VFR ADV	119.4
PRO	Arr/dep 010° to 060° and 256° to 280° fr heli, (H1) (CAR 602.96) Do not overfly abv-gnd gas pipeline (see sketch).
CAUTION	Lgtd elevator 72' S of heli. Multiple light poles N of heli.

CALGARY / SPRINGBANK VFR TERMINAL PROCEDURES CHART

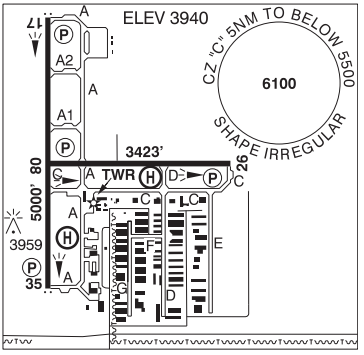


CALGARY / SPRINGBANK VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BIG HILL CREEK	VCBHC	N51° 16' 09" W114° 22' 11"
BOW RIVER BRIDGE	VCBWR	N51° 05' 32" W114° 13' 30"
BRAGG CREEK	VCBGG	N50° 57' 00" W114° 34' 00"
COCHRANE LAKE	VCCOH	N51° 15' 00" W114° 30' 00"
ELBOW SPRINGS	VCESP	N51° 01' 18" W114° 19' 48"
GHOST VILLAGE	VCGST	N51° 12' 19" W114° 45' 47"
JUMPINGPOUND GAS PLANT	VCGPT	N51° 08' 30" W114° 35' 00"
LOCHEND LAKE	VCLEL	N51° 20' 00" W114° 19' 12"
MADDEN	VCMAD	N51° 25' 31" W114° 16' 35"
MILLARVILLE	VCMLL	N50° 45' 18" W114° 19' 00"
PETROCAN	VCPTC	N51° 05' 18" W114° 28' 18"
PRIDDIS CORNER	VCPDS	N50° 53' 30" W114° 17' 45"
ROUNDABOUT	VCIRC	N51° 01' 14" W114° 28' 01"
SCOTT LAKE HILL	VCSLH	N51° 09' 30" W114° 45' 00"
WILDCAT	VCWCT	N51° 12' 30" W114° 38' 23"

CALGARY / SPRINGBANK AB — CYBW

REF	N51 06 19 W114 22 17 8W 15°E (2013) UTC-7(6) Elev 3940´ VTA A5005 LO2 T1 CAP
OPR	Calgary Aprt Authority 403-286-1494 Cert
PF	A-1 avbl 24 hr B-2,5 C-3,5 D-4,6
CUST	AOE/15 888-226-7277 16-04Z‡; AOE/CAN
FLT PLN	Pilots of acft not filing a VFR or IFR Flt Pln within or into Calgary Class "C" airspace, are to ctc ATC 888-882-2254 for transponder code prior to flt.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO (see COMM) TAF 13-05Z‡, issue times: 13, 18, 00Z (DT 12, 18, 00Z). WxCam



SERVICES	After hrs chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1(ltd),2,3,4,5,6
SUP FL	D & A-ice AOG Friday 403-800-3460 Ext 2 15-24Z‡ Mon-Fri exc hols O/T 2 hrs PN
PVT ADV	Springbank Aero Svcs (Executive Flight Centre) 123.4 14-04Z‡ exc hols 403-247-8833 O/T 403-466-8834; Calgary Flying Club 123.5 15-01Z‡ 403-288-8831

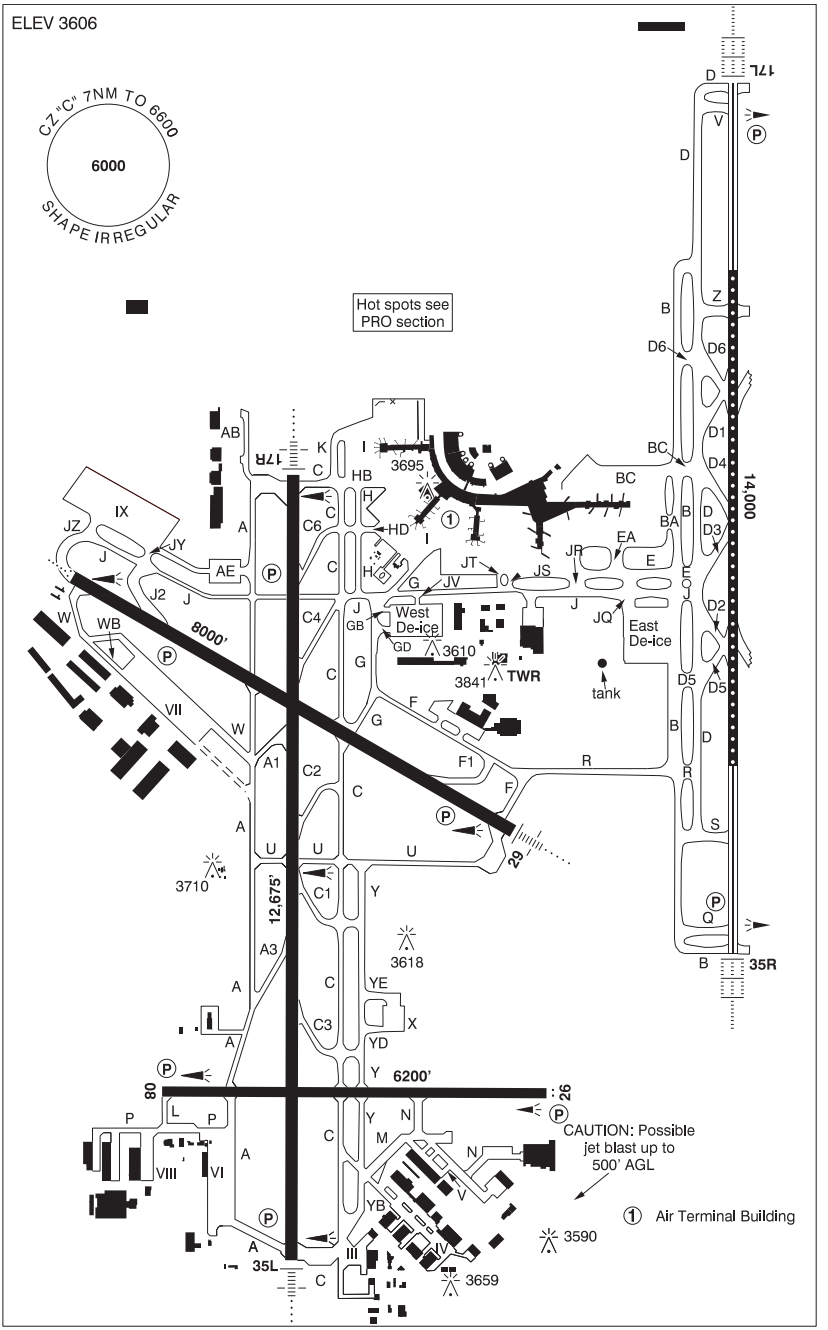
CALGARY / SPRINGBANK AB (Cont'd) CYBW

RWY DATA	Rwy 08(075°)/26(255°) 3423x100 asphalt Rwy 17(165°)/35(345°) 5000x98 asphalt During ops blw RVR 2600 Rwy 08/26 unavbl exc to cross at Twy A
RWY CERT	Rwy 08/26 AGN II Rwy 17 RVR 1200(1/4sm) Day only/Rwy 35 RVR 1200(1/4sm) Day only AGN II
TWY CERT	Twy: C, D, F, G AGN I
TWY	Twy D, south of C & Twy E, F & G are uncontrolled. Bcst intentions on 123.45
RCR	Opr 14-23Z‡ Mon-Fri exc hols. CRFI & win maint 14-23Z‡ Mon-Sun. PLR/PCN
LIGHTING	08-(TE ME) P1, 17-AS(TE ME) P1, 26-(TE ME) P1, 35-AS(TE ME) P2 ARCAL-118.2 type K
COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
ATIS	127.9 14-06Z‡
GND	121.8 14-06Z‡
TWR	118.2 (outer) 120.7 (inner) (V) 16-24Z‡; 118.2 14-16Z‡ & 00-06Z‡ emerg only 403-216-7132
MF	tfc 118.2 06-14Z‡ O/T TWR 5NM 5500 ASL (CAR 602.98)
VFR ADV	128.7
AWOS	127.9 06-14Z‡
NAV	
DME	IBW 111.7 Ch 54 N51 06 04 W114 22 52 (3959')
ILS	IBW 111.7 (Rwy 35) RVR LOC reliable only within 10° either side of centreline

CALGARY / SPRINGBANK AB (Cont'd) CYBW

PRO	Preferred Rwy 17/35. Rgt hand circuits Rwys 17 & 26 (CAR 602.96). Fixed-wing circuit alt 5000 ASL; acft climb rwy hdg to 4500´ before turning. Circuit tng flts & maint engine run-ups proh 06-14Z‡. Maint engine run-ups proh on main apron. Aprt ltd to propeller driven acft and chapter 3 jets 40,000 lbs GTOW max wingspan 79'. Ctc opr for noise abatement procedures. See VTA & Planning section for Cremona CFA & Pigeon CFA. **ATS REQUIREMENTS:** Pilots to close VFR flt plns with Edmonton FIC (phone or FISE freq) when practicable or request closure from ATC. **ARRIVALS:** All arrivals fr north, south or west are to report at 6000 ASL prior to entering Class C airspace in reference to VFR checkpoints. Arrivals from CYA 226/227: For Rwy 08 (South Ghost Route): Report Ghost Lake Village, not below 6000 ASL. From the village fly southeast to Jumpingpound Gas Plant then intercept final approach over Highway 22. For Rwy 17 (North Ghost Route): Report Wildcat Gas Plant, not below 6000 ASL. From the Wildcat Gas Plant, fly southeast along the Bow River to Cochrane. Continue southeast to join right base. For Rwy 26 (North Ghost Route): Report Wildcat Gas Plant, not below 6000 ASL. From the Wildcat Gas Plant fly southeast along the Bow River to Cochrane. Turn towards the control tower to intercept right downwind. For Rwy 35 (South Ghost Route): Report Ghost Lake Village, not below 6000 ASL. From the village fly southeast to Jumpingpound Gas Plant then towards the control tower to intercept left downwind. **DEPARTURES:** All departures to the north, south and west: Expect routings via Lochend Lake, Elbow Springs, Roundabout, Petrocan, Cochrane Lake, or as directed by ATC To Calgary: as directed by ATC. Rwy 08/Rwy 35 (North Ghost Route): Follow the Bow River to Cochrane then to Wildcat Gas Plant. Rwy 17 (South Ghost Route): Fly to the Petrocan Gas Station then northwest to Jumpingpound Gas Plant until over Ghost Lake Village. Rwy 26 (South Ghost Route): Climb straight out to Highway 22 then northwest to Jumpingpound Gas Plant until over Ghost Lake Village. **HELI PRO:** All heli ctc grd control freq 121.8 for dep instructions. No hover tng adj to active rwys. Hover tng & arr/dep not auth on uncontrolled twys. Arr/dep: Pads A&C, Twys A, C & D north of C, Rwy All heli dep to follow published routes unless auth by twr. Heli circuits: Rwy 08 active - use Rwy 08 circuit or use circuit to thld Rwy 35. Rwy 17/35 active - use Rwy 26 circuit or use circuit to active rwy. Rwy 26 active - use Rwy 26 circuit or use circuit to thld Rwy 17 at 4500 ASL or below. Bragg Route I/B - proceed to Elbow Springs remaining south of hwy 8 then direct the tower remaining east of 17/35 centreline, altitude assigned by ATC. Bragg Route O/B - proceed to Elbow Springs remaining east of 17/35 centreline then westbound south of hwy 8, altitude assigned by ATC. **NOISE:** Aircraft to maintain 5500' til commencing final descent. Avoid overflight of noise sensitive areas.
CAUTION	Narrow twys, high volume fixed-wing acft; heli acft use twys A, C & D north of C for tkof & ldg. Bird activity and wildlife in vic of A/D.

CALGARY / YYC CALGARY INTL AB — CYYC



CALGARY / YYC CALGARY INTL AB (Cont'd) CYYC

REF	N51 07 21 W114 00 48 15°E (2013) UTC-7(6) Elev 3606' VTA A5005 LO2 HI3 T1 CAP OC
OPR	The Calgary Airport Authority 403-735-1300 H24 Cert Ldg fees
PF	A-1,2,3,4,5,6
CUST	AOE 888-226-7277
FLT PLN	Pilots are to open/close VFR Flt Pln with Edmonton FIC via phone or Edmonton rdo 123.375 when practicable.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z.
DUAT	Esso Avitat; Shell Aerocentre
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 9
SUP FL	LHOX D & A-ice
JASU	CE16, Elect start 15/25
PVT ADV	Esso Avitat/Skyservice 128.85 403-291-4426; Shell AeroCentre/Sunwest Aviation 136.80 403-275-8121; Skyplan dispatch 122.95 403-275-2520; North Cariboo Air 131.25 403-717-1800 866-266-8690; Executive Flight Centre 122.0 403-295-7741 Fax 403-295-7784; Million Air FBO (AvFuel) 128.9 403-718-0447; Landmark Aviation/Signature Flight Support 122.85 403-295-4100
MIL CON	Sunwest Aviation Ltd. 403-275-8121
RWY DATA	Rwy 17L(165°)/35R(345°) 14,000x200 CONC Rwy 17R(165°)/35L(345°) 12,675x200 ASPH Rwy 11(105°)/29(285°) 8000x200 ASPH Rwy 08(075°)/26(255°) 6200x150 ASPH Rwy 08 up 0.37%
RWY CERT	Rwy 17L RVR 600/Rwy 35R RVR 600 AGN VI Rwy 17R RVR 1200(1/4sm)/Rwy 35L RVR 1200(1/4sm) AGN VI Rwy 11 RVR 1200(1/4sm)/Rwy 29 RVR 1200(1/4sm) AGN VI Rwy 08/26 AGN V
TWY CERT	Twy: AB, GB, JT, P, WB AGN IIIB Twy: M, N, W, YB AGN IV Twy: A, A1, A3, C, C1, C2, C3, C4, C6, F, F1, G, GD, H, HB, HD, J, J2, K, L, U, Y, YD, YE AGN V
TWY	Twy AB, GB, JT, P, WB, YD & YE rstd to acft with wingspan of 118' or less. Twy GB & GD rstd to one-way westbound. Twy GB, GD & P uncontrolled. Twy M, N & W rstd to acft with wingspan of 170' or less. WIDE BODY AIRCRAFT: Twy C: right turn on YB rstd to acft with wingspan of 118' or less. Twy F: left turn on F1 rstd to acft with wingspan of 79' or less. Left turn on G rstd to acft with wingspan of 118' or less. Twy F1: right turn on F rstd to acft with wingspan of 79' or less. Twy G: right turn on F rstd to acft with wingspan of 118' or less. Twy J (eastbound): right turn on J2 rstd to acft with wingspan of 79' or less. Twy J2: left turn on J rstd to acft with wingspan of 79' or less. Twy Y: right turn on YB rstd to acft with wingspan of 118' or less. Twy YB: left turn on C rstd to acft with wingspan of 118' or less. Left turn on Y rstd to acft with wingspan of 118' or less.
APRON	Aprons I, VII, IX, X & West De-Ice: PPR Airport Ops is required.
RCR	Opr CRFI, PLR/PCN

CALGARY / YYC CALGARY INTL AB (Cont'd) CYYC

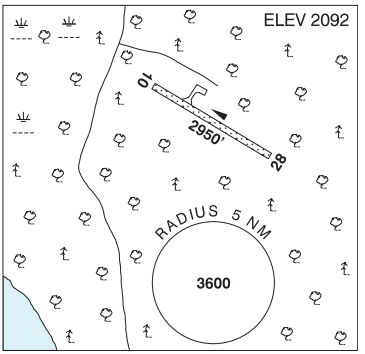
LIGHTING	08-(TE ME) P2, 26-AS(TE ME) P2, 11-AO(TE HI) P3, 29-AN(TE HI) P3, 17L-AL(TE HI A TDZL) P3, 35R-AL(TE HI A TDZL) P3, 17R-AN(TE HI) P3, 35L-AN(TE HI) P3
COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
ATIS	128.225
CLNC DEL	120.825 all dep acft ctc CLNC DEL
APRON	APRON I: Apron Advisory 121.3 12-07Z‡ O/T bcst intentions
GND	121.9 (West) 125.35 (East) 275.8
TWR	118.4 (West) 118.7 (East) 236.6 (E) (emerg only 403-216-7116)
ARR	123.85 (West) 125.9 (East) 126.525 127.15 294.9
DEP	119.8 (East) 124.52 (West) 255.1
VFR ADV	119.4
PAL	Edmonton Ctr 124.525 127.775 243.5
NAV	
VOR/DME	YYC 116.7 Ch 114 N51 06 55 W113 52 55 (3573')
DME	IYC 111.5 Ch 52 N51 05 57 W114 01 23 (3559') IGY 110.55 Ch 42(Y) N51 07 28 W114 02 00 (3570') ILG 109.15 Ch 28(Y) N51 08 44 W113 59 19 (3628') IRF 110.75 Ch 44(Y) N51 06 46 W113 59 19 (3603')
ILS	IYC 111.5 (Rwy 35L) RVR LOC reliable only within 10° either side of centreline; IEM 109.3 (Rwy 17R) RVR LOC reliable only within 10° either side of centreline; ILG 109.15 (Rwy 17L) RVR LOC reliable only within 10° either side of centreline; IRF 110.75 (Rwy 35R) RVR LOC reliable only within 10° either side of centreline; IAQ 110.9 (Rwy 29) RVR LOC reliable only within 10° either side of centreline; IGY 110.55 (Rwy 11) RVR LOC reliable only within 10° either side of centreline
PRO	Acft less than 3000 kg not auth for arr or dep 23-05Z‡ exc heli. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **AIRSPACE:** see VTPC for VFR routes & pro. Transponder rqrd in class "C" & "D" airspace & CZ. Pilots to close VFR flt plans with Edmonton FIC (phone) when practicable or request closure fr ATC. Pilots of acft not filing a VFR or IFR flt pln within or into Calgary Class "C" Airspace, are to ctc ATC 888-882-2254 for transponder code prior to flt. PPR for Balloon flt in Calgary CZ. Balloon flt is rqrd to remain min 4NM fr any rwy. Clnc and discrete transponder code rqrd prior to entering CZ. Ctc Edmonton ACC 888-882-2254. **AIRPORT:** High intensity rwy ops in effect. **ATC:** IFR Clearance Acknowledgement IFR clearance read back with Calgary Tower clearance delivery shall include the acft call sign, assigned SID name and transponder code. MULTILATERATION: Acft transponders must be kept on at all times when manoeuvring on the airport (turned on prior to brake release and on arrival, on until final engine shutdown). Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing. **PEAK HOURS:** 23-05Z‡ **CIRCUITS:** No circuits. **TRAINING FLIGHTS:** No ab initio tng. Private pilot's license min rqrd for ops in ctrl zone. Tng flts proh, no arr or dep dur peak hours. PPR for Tng flts, ctc VFR/IFR: 888-882-2254. **LOW AND REDUCED OPERATING PROCEDURES (LVOP/RVOP):** See CAP **NOISE:** Noise oprg restriction & noise abatement procedure in effect. See CAP **MILITARY:** Mil jet acft circuits & overhead break pro proh.

CALGARY / YYC CALGARY INTL AB (Cont'd) CYYC

PRO (Cont'd)	**AIRPORT RESERVATION OFFICE (ARO):** Airport Reservation Office (ARO) pro for all general & business aviation acft oprg IFR & VFR flts. Opr must file a dep & arr reservation through the Online Coordination System (OCS): www.online-coordination.com. More info avbl at Airport Reservation Office (ARO) (yyc.com): email aro@yyc.com or call 403-735-1300. **DE-ICING PROCEDURES:** 1. Contact CALGARY DE-ICE on 129.5 30 min prior to push-back with acft type and estimated push-back time. 2. Contact CALGARY DE-ICE on 129.5 5 min prior to push-back to confirm treatment type and DE-ICE pad assignment. 3. Follow normal push-back procedures and advise Apron Advisory EAST or WEST DE-ICE pad has been assigned. 4. East Pad - Enter from Twy J at Twy JQ. When instructed by GROUND CONTROL, contact PAD CONTROL on 129.125 prior to entering pad. 5. West Pad - Enter from Twy J at Twy JV. When instructed by GROUND CONTROL, contact PAD CONTROL on 122.35 prior to entering pad. 6. Follow PAD CONTROL instructions, signboards and guidance lines to the assigned staging position or de-icing bay and confirm "BRAKES SET" when in position with nosewheel on stop bar. AUTOMATIC MODE (Active signboard guidance): As the acft enters the de-icing bay, proximity capturing devices will recognize the acft. The signboards will actively guide the acft to the stop bar position and the signboard will advise SET PARK BRAKE. MANUAL MODE (Automatic mode not operational): Follow the instructions from PAD CONTROL and stop on the designated stop bar. Nosewheel should be placed as close to the stop bar marking as possible. CAUTION: The wingtip to tail clearance for acft taxiing in the EAST pad from JQ behind staged acft is only assured when the staged acft nosewheel is on the stopbar. 7. If assigned a staging bay, monitor PAD CONTROL until further instructed. 8. When directed by PAD CONTROL, contact ICEMAN (East 123.35, West 122.725) and confirm "BRAKES SET, AIRCRAFT CONFIGURED FOR DE-ICE." 9. When de-ice is complete, do not move acft. When directed by ICEMAN, contact PAD CONTROL on assigned frequency. 10. Advise PAD CONTROL when ready to taxi. PAD CONTROL will assign appropriate GROUND CONTROL frequency to obtain taxi clearance. 11. Queuing is not permitted on Twy J, staging positions are provided on both EAST and WEST pads, reference DE-ICE Facility diagram. See CAP for additional directions & restrictions. CAUTION: During the de-icing process, thrust setting must not exceed gnd idle and/or propellers must remain feathered at all times. Engine run-ups will only be approved by PAD CONTROL or ICEMAN when ops permit and when it is safe to do so. Engine fan blade ice shedding run-ups are proh on the de-ice pads.
CAUTION	Coyotes at large on aprt. Extv waterfowl activity vic A/D year round.

CALLING LAKE AB — CFK4

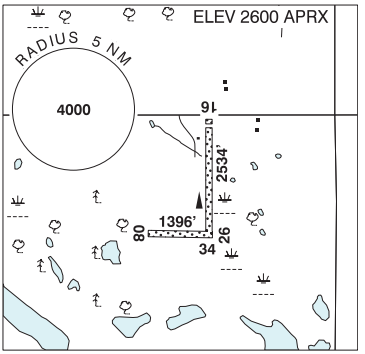
REF	N55 19 W113 15 4NW 16°E (2012) UTC-7(6) Elev 2092′ A5015
OPR	Muni District #17 780-891-8324/8170 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10(105°)/28(285°) 2950x78 GRASS
RCR	Opr Ltd maint.
COMM	
ATF	tfc 123.2 5NM 5100 ASL



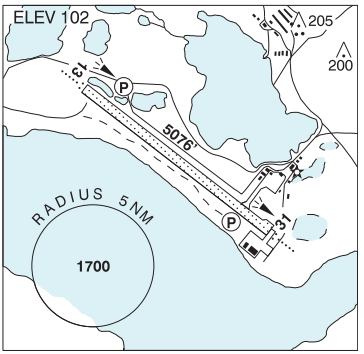
CALMAR (MAPLELANE FARM) AB — See EDMONTON / CALMAR (MAPLELANE FARM)

CALMAR / WIZARD LAKE AB — CWL3

REF	N53 06 57 W113 46 19 9SSE 15°E (2016) UTC-7(6) Elev 2600' aprx VTA A5015
OPR	Rivervista Ventures Inc 780-554-2470 Fax 780-452-5079 Reg PPR
PF	D-1,2,3,4,5,6,7,8
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5
RWY DATA	Rwy 16(165°)/34(345°) 2534x80 GRASS Thld 16 displ 100'. Rwy 08(076°)/26(256°) 1396x80 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 2NM 3400 ASL
PRO	Edmonton Intl CZ NE of A/D. Edmonton Tml Class C 3500 ASL and abv overlies A/D. TRANSPONDER MANDATORY. Acft operating in Edmonton Class C airspace require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.



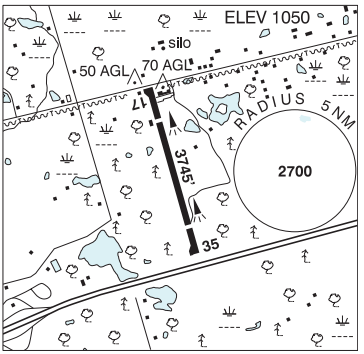
CAMBRIDGE BAY NU — CYCB



REF	N69 06 29 W105 08 14 1.6SW 7°E (2014) UTC-7(6) Elev 102´ A5042 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-983-2501
WX	METAR H24. TAF H24, issue times: 01,07,13,19Z.
SERVICES	For svc, call 867-360-6272. Call out chg may be levied for one or more svcs outside normal oprg hrs.
FUEL	100LL(D), JA-1, HPR. Credit by prior arng only 867-983-5085 O/T 867- 391-1151
S	6
RWY DATA	Rwy 13(127°T)/31(307°T) 5076x150 gravel Rwy 31 up 0.55%.
RWY CERT	Rwy 13/31 AGN IIIB
RCR	Maint contractor 867-360-6272, 867-391-0033 A/D maint avbl 15-24Z‡ exc hols O/T 12 hrs PN. Call-out chg may be levied. CRFI, PLR/PCN.
LIGHTING	13-AO(non-std 1000´) (TE ME) P2, 31-AO (non-std 1000´) (TE ME) P2 ARCAL-122.1 type K
COMM	
RCO	Edmonton rdo 123.25 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3100 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.675
APRT RDO	122.1
MIL	228.9 251.0 270.4 364.2 (E)
INTL AIR	Gander rdo 2971 4675 8891 11279 NAT 'D' (SELCAL)
NAV	
NDB	CB 245 (H) N69 06 53 W105 00 57
VOR/DME	YCB 112.7 Ch 74 N69 07 03 W105 10 22 (127') VOR oriented on True North
CAUTION	Radiosonde balloon launches fr N69 08 W105 04 (2.2NM NNE Thld Rwy 31) at 1115Z-1129Z & 2315Z-2329Z dly. Extv migratory bird activity May-Oct.

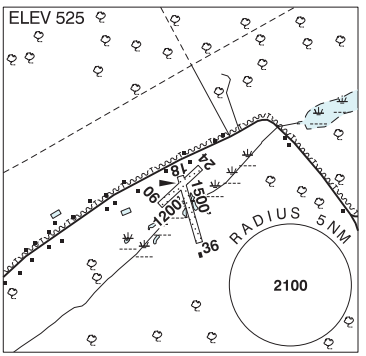
CAMBRIDGE / REID'S FIELD ON — CPE4

REF	N43 26 34 W80 13 56 4NE 10°W UTC-5(4) Elev 1050´ VTA A5000 LO6
OPR	Reid's Heritage Homes Ltd 519-658-6656 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWYDATA	Rwy 17/35 3745x45 asphalt Thld 35 displ 565'. Thld 17 displ 700'. Rwy 17 up 1%.
RCR	Opr Ltd win maint
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 4100 ASL
CAUTION	Anticipate windshear on apch Rwy 35 due trees E of thld Rwy 35. Bldg W of Rwy 17/35 within 150´ of rwy centreline. Trees within 100´ either side of Rwy 17/35, full length, 80 AGL 1130 ASL. Extv glider activity in area. 24" high aluminum rail along W side of rwy in touchdown zone of Rwy 17.



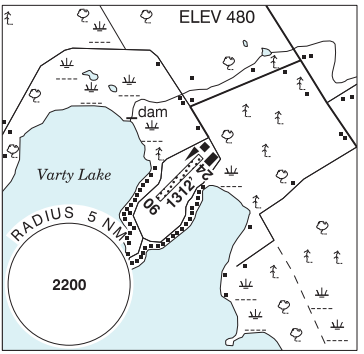
CAMDEN EAST ON — CCE6

REF	N44 19 33 W76 47 33 1.5SE 13°W UTC-5(4) Elev 525' A5000
OPR	Art Ottenhof 613-386-1971 Reg
PF	B-1 C-2,3,5 D-4,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18(177°)/36(357°) 1500x80 GRASS Rwy 36 slopes down Rwy 06(060°)/24(240°) 1200x60 GRASS
RCR	Opr No win maint. Rwy soft in spring
COMM **ATF**	tfc 123.2 5NM 3600 ASL
CAUTION	Trees 600' E Thld 24 aprx 50 AGL. Trees 600' S Thld 36 aprx 30 AGL. Trees 500' W Thld 06 aprx 25 AGL. Trees 60' N Thld 18 aprx 40 AGL. Marked P-lines 328' N Thld 18 aprx 50 AGL. Ponds on either side of Rwy 18-36 aprx mid-field. Wildlife may be present. Rdo ctl acft blw 500 AGL aprx 0.5NM NE of A/D. Acft hg 200' S of Thld 36 on W side.



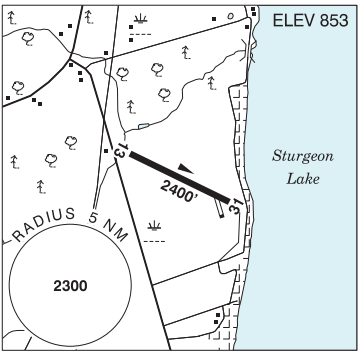
CAMDEN EAST / VARTY LAKE ON — CVL3

REF	N44 24 32 W76 48 19 4.6NNE 13°W (2015) UTC-5(4) Elev 480' A5000
OPR	Bruno Claus Doerwald 305-810-9974 Reg PPR
PF	B-1 C-2,3,5 D-4,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
FUEL	MOGAS PN
RWY DATA	Rwy 06(058°)/24(238°) 1312x60 GRASS
RCR	Opr No win maint, soft in spring.
COMM	
ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Rwy 06: 25' trees at 200' and 60' trees at 370', p-line at 320' from the end of the rwy. Rwy 24: take-off over open water, p-line at 660' fr end of rwy.

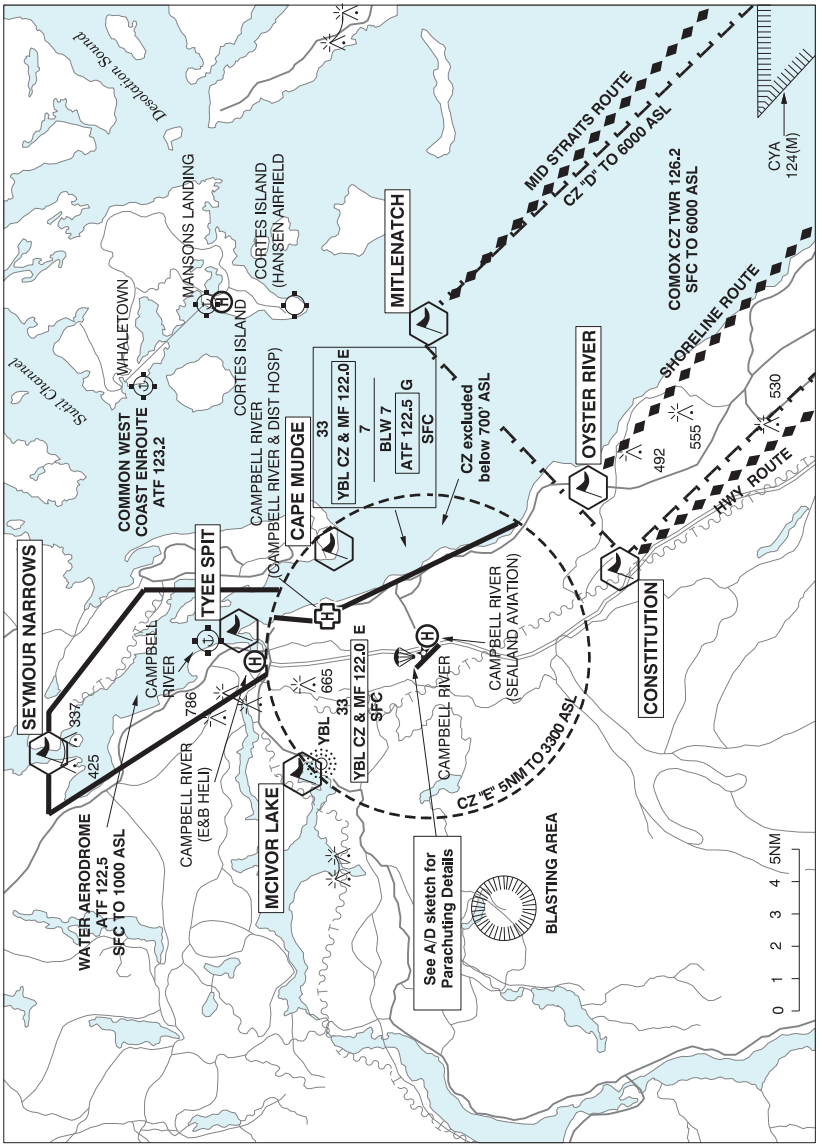


CAMERON / ARBOUR AIRFIELD ON — CAR4

REF	N44 28 59 W78 44 13 3.1NE 11°W (2022) UTC-5(4) Elev 853' A5000
OPR	Neil Arbour 416-881-0600 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 13(127°)/31(307°) 2400x75 ASPH RESA: 13/31 98'
RCR	Opr
COMM	
ATF	tfc 123.2 4NM 3900 ASL excluding Lindsay/Kawartha Lakes ATF area
CAUTION	P-lines both ends of rwy.



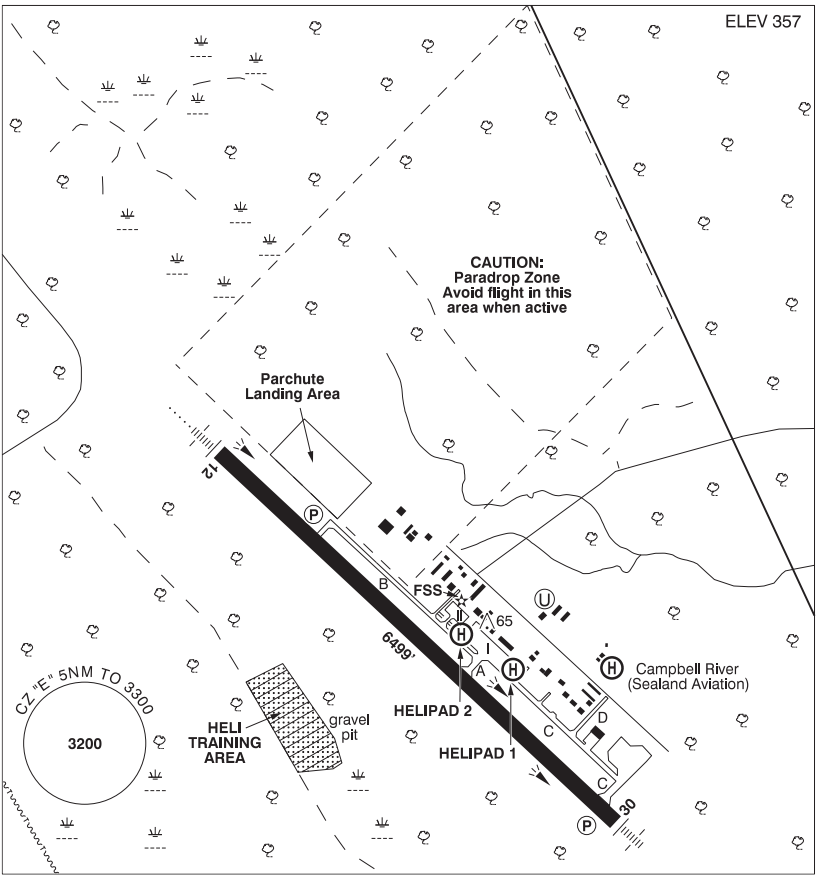
CAMPBELL RIVER VFR TERMINAL PROCEDURES CHART



CAMPBELL RIVER VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CAPE MUDGE	VCMUD	N50° 00' 00" W125° 11' 00"
CONSTITUTION	VCCNS	N49° 51' 00" W125° 12' 00"
MCIVOR LAKE	VCMCI	N50° 01' 00" W125° 22' 00"
MITLENATCH	VCMLN	N49° 57' 00" W125° 00' 00"
OYSTER RIVER	VCOYS	N49° 52' 00" W125° 08' 00"
SEYMOUR NARROWS	VCSMR	N50° 09' 00" W125° 21' 00"
TYEE SPIT	VCTYE	N50° 03' 00" W125° 15' 00"

CAMPBELL RIVER BC CYBL



REF	N49 57 07 W125 16 23 4.5S 18°E (2013) UTC-8(7) Elev 357´ A5004 LO2 HI3 CAP
OPR	Dist of Campbell River 250-923-5012 Cert Ldg fees

CAMPBELL RIVER BC (Cont'd) CYBL

PF	A-1,2,3,6, ATB ltd hrs C-2,4,5
CUST	AOE/15 888-226-7277 1630-0030Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	For IFR clnc outside FSS hrs ctc Tml 250-339-8115 before take-off.
WX	METAR 14-05Z‡ O/T LWIS TAF 16-05Z‡, issue times: 16, 19, 01Z (DT 15, 19, 01Z).
SERVICES	
FUEL	100LL, JA-1 (also by truck) 15-04Z‡ O/T call out chg 2 hrs PN
OIL	All
S	2,4(ltd)
RWY DATA	Rwy 12(117°)/30(297°) 6499x150 ASPH Rwy 12 down 0.88%
RWY CERT	Rwy 12 RVR 1200(1/4sm) day only/Rwy 30 RVR 1200(1/4sm) day only AGN IIIB
TWY CERT	Twy: B, C, D AGN IIIA
TWY	No vehicle ctl on all twys. Twy C pavement width 34', max wt 44,000 lbs. Twy D is unlit.
APRON	Prkg plan in effect. Fees after 6 hrs, ctc opr. Itinerant prkg aprons I & II. See sketch. No run-ups on North side of Apron II (in front of FSS building).
RCR	Opr CRFI, Ltd win maint. To prevent damage to rwy turn in ungrooved areas. PLR/PCN
HELI DATA	Pad -1 23´ dia concrete max acft length 58´ (see sketch) Pad -2 45´ dia asphalt
LIGHTING	12-AN(TE HI) P2 3°, 30-AW(TE HI) P2 3° Avbl 1330-0530Z‡ O/T ARCAL-122.0 type K.
COMM	
RADIO	Campbell rdo 122.0 (V) 1330-0530Z‡ (emerg only 250-923-3942)
RCO	Pacific rdo 123.55 (FISE) 126.7 (bcst)
ATIS	128.55 14-05Z‡
MF	Campbell rdo 1330-0530Z‡ O/T tfc 122.0 5NM 3300 ASL excluding the area below 700´ depicted on the Campbell River VTPC (CAR 602.98)
TML	Comox 123.7 227.6
NAV	
NDB	YBL 203 (L) N50 00 23 W125 21 27
DME	IBL 109.1 Ch 28 N49 57 19 W125 16 49 (376´)
ILS	IBL 109.1 (Rwy 12) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 12 (CAR 602.96) Reduced Visibility Operations Plan (RVOP) Rwy 12/30 & Twy A ops to vis less than ½sm and greater than or equal to ¼sm. One in, one out. Day use only. Twy B & C are not avbl to access rwy for use during reduced vis ops. All acft must use Twy A to access the rwy.
CAUTION	Deer in vic of rwy. Parachuting to 12,500 ASL on A/D. Model acft rwy & activity aprx 1.5NM NE thld Rwy 12.

CAMPBELL RIVER (CAMPBELL RIVER & DIST HOSP) BC (Heli) CAT6

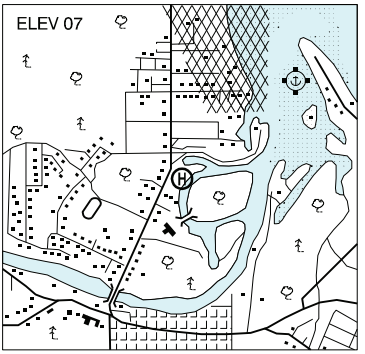
REF	N50 00 31 W125 14 34 Adj 17°E (2018) UTC-8(7) Elev 282´ A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' x 86' non-supporting TLOF 61' x 61' CONC Safety Area 115' x 115' 17,000 lbs Max heli overall length 57.4' (CAR 602.96) Elevated/rooftop heli Opr
LIGHTING	RY(ME) green LED

CAMPBELL RIVER (CAMPBELL RIVER & DIST HOSP) BC (Heli) (Cont'd) CAT6

COMM	
MF	Campbell rdo 1330-0530Z‡ O/T tfc 122.0 5NM centred on Campbell River A/D 3.6NM S 3300 ASL excluding the area below 700' depicted on the Campbell River VTPC (CAR 602.98)
TML	Comox 123.7
A/G	Hosp security 157.76 FM 3 min PN
PRO	Arr/dep 125° & 269 fr heli (H1), NVIS rqrd for night use (CAR 602.96)
CAUTION	Trees to 130' AGL, W to SE btwn flt paths, 200' to 600' fr heli.

CAMPBELL RIVER (E & B HELI) BC (Heli) CCR6

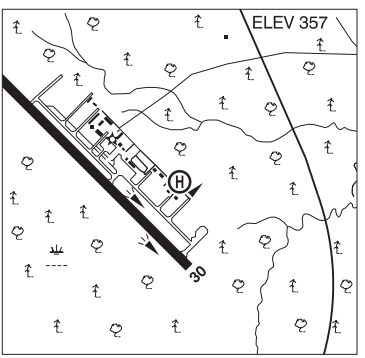
REF	N50 02 30 W125 16 30 18°E (2013) UTC-8(7) Elev 7′ A5004
OPR	E & B Helicopters Ltd 250-287-4421 Reg PN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA
OIL	All
S	1,2,3,6
HELI DATA	4 pads 100′x100′ concrete
RCR	Opr



COMM	
ATF	tfc 122.5 Area as depicted on Campbell River VTPC.
PRO	Avoid noise sensitive areas. Arr/dep over water.

CAMPBELL RIVER (SEALAND AVIATION) BC (Heli) CSL4

REF	N49 57 03 W125 15 51 5SSE 17°E (2017) UTC-8(7) Elev 357' A5004
OPR	Sealand Aviation Ltd 250-923-9858 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	1,2 1530-0130Z‡, 3 1530-0130Z‡ Mon-Fri 4,5,6 1530-0130Z‡
HELI DATA	FATO/TLOF 60' x 60' GRASS Safety Area 80' x 80' 2600lbs Max heli overall length 40'
RCR	Opr 1530-0130Z‡ O/T 250-287-6259

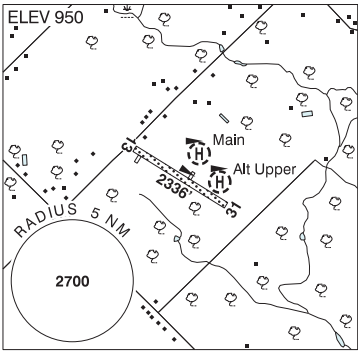


CAMPBELL RIVER (SEALAND AVIATION) BC (Heli) (Cont'd) CSL4

COMM	
MF	Campbell rdo 1330-0530Z‡ O/T tfc 122.0 5NM centred on Campbell River A/D adj W 3300 ASL excluding the area below 700´ depicted on the Campbell River VTPC (CAR 602.98)
PRO	Do not fly over bldgs
CAUTION	Marked P-lines SW of heli. Trees all quadrants. Deer in vic of heli. Parachuting to 12,500 ASL at CYBL. Model acft rwy & activity aprx 1.5NM NE thld Rwy 12 at CYBL.

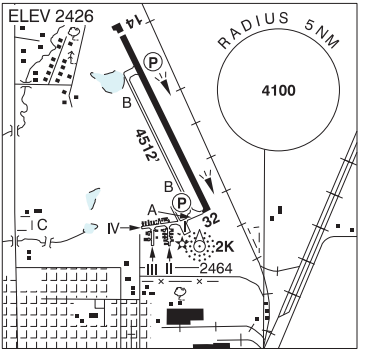
CAMPBELLVILLE (BELLSHILL AIRPARK) ON CMB5

REF	N43 25 54 W80 01 31 3.9SW 10°W (2013) UTC-5(4) Elev 950' VTA A5000
OPR	Bellshill Airpark 905-320-2034 Reg PPR
PF	C-1,2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 13(132°)/31(312°) 2336x50 GRASS
RCR	Opr No win maint
HELI DATA	Parking Pad Main: 40' x 48' CONC 12,000 lbs Parking Pad Alt Upper: 18' dia CONC 12,000 lbs Max heli overall length 45'
COMM	
ATF	123.5 3NM 2900 ASL
PRO	Heli arr/dep via rwy.



CAMROSE AB CEQ3

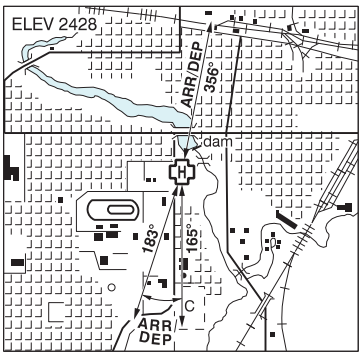
REF	N53 02 23 W112 48 58 Adj NNE 15°E (2012) UTC-7(6) Elev 2426´ VTA A5015 LO2 CAP
OPR	City 780-672-4426 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM)
SERVICES	
FUEL	100LL (Self-serve, Visa, MasterCard & debit cards) (Cardlock)
OIL	All
S	1,2 Ltd
RWY DATA	Rwy 14(139°)/32(319°) 4512x100 ASPH Thld 14 displ 197´ AGN IIIA
TWY	Twy B: Ltd win maint. Uneven sfc.
RCR	Opr Expect delays for snow removal. 15-23Z‡ Mon-Fri exc hols.

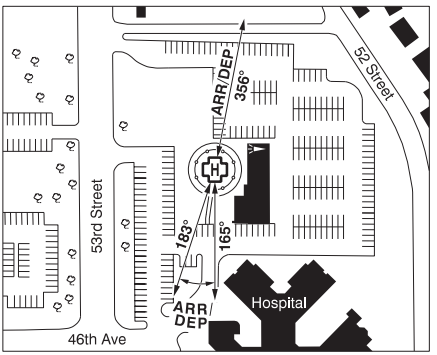


CAMROSE AB (Cont'd) CEQ3

LIGHTING	14-(TE ME) AP, 32-(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5500 ASL
AUTO	122.975
NAV	
NDB	2K 405 (L) N53 01 56 W112 48 48 Pvt
PRO	Pilots are reminded of the requirement to obtain ATC clearance prior to entering class C airspace. Edmonton Class C airspace overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. IFR Training Restriction: PPR for IFR tng flights. Ctc ATC 888-358-7526 no more than 24 hrs prior to ETD.
CAUTION	Crane may be oprg in an area 1500´ to 2100´ S of, or 2000´ E of thld Rwy 32; 110 AGL 2540 ASL, lgtd with strobe lgt. Deer &/or moose may be in vic of rwy.

CAMROSE / ST. MARY'S HOSP AB (Heli) CMR6



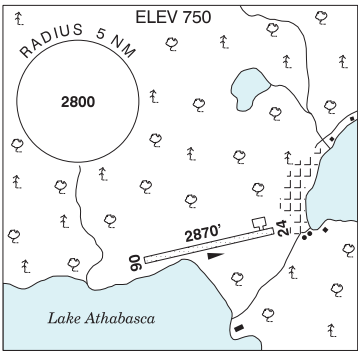


REF	N53 00 55 W112 49 49 15°E (2013) UTC-7(6) Elev 2428´ VTA A5015
OPR	FM&E Covenant Health 780-679-6100 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia CONC TLOF 57' dia CONC Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RY(LO) ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM centred on Camrose A/D 1.6NM N 5500 ASL
PRO	Arr/dep 165°-183° & 356° fr heli (H1), day/night use.
CAUTION	Lgtd and marked P-lines N of heli. Lgtd and marked lgt poles N, W and S of heli.

CAMSELL PORTAGE SK

CJP6

REF	N59 36 36 W109 16 01 Adj W 14°E (2012) UTC-6 Elev 750´ A5023
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344 or 204-983-8337
RWY DATA	Rwy 06(063°)/24(243°) 2870x65 GRVL
RCR	District Office 306-425-4493/4494 or Opr Ltd win maint Rwy strength & cond subject to seasonal and/or climatic vars.
COMM	
ATF	tfc 123.2 5NM 3800 ASL

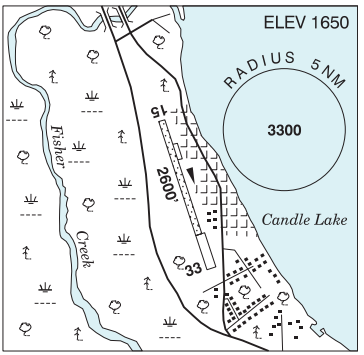


CANADIAN ROCKIES BC — See CRANBROOK / CANADIAN ROCKIES

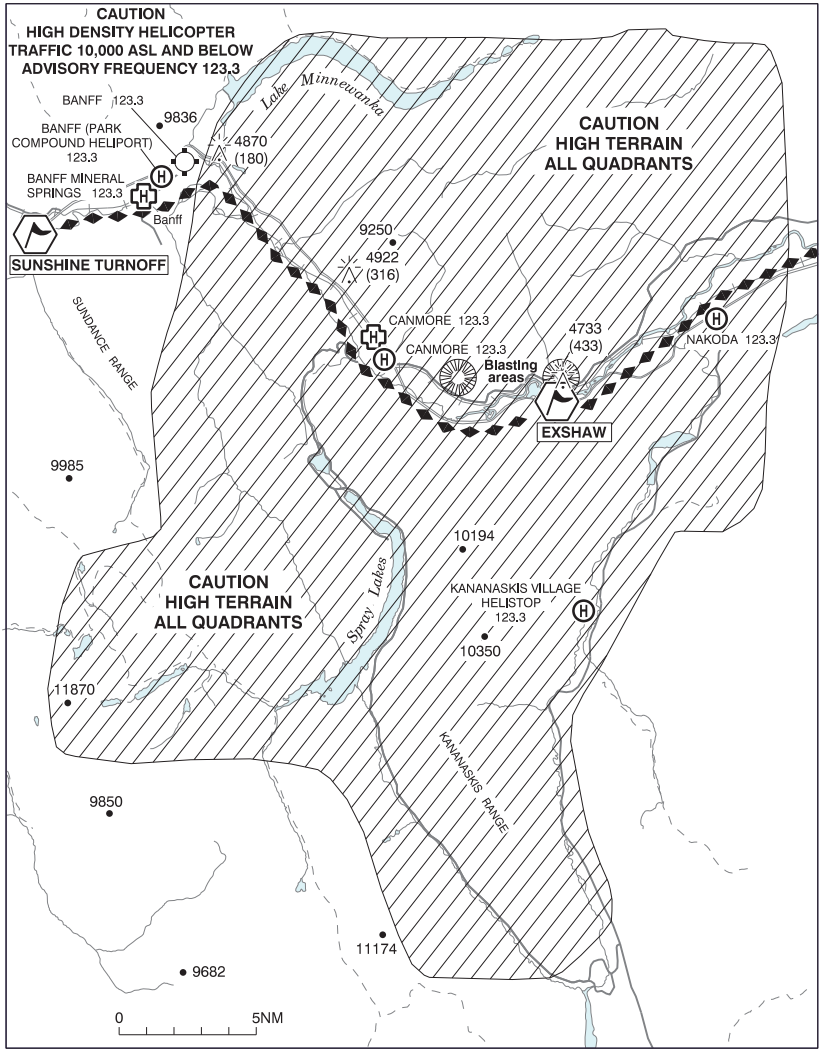
CANDLE LAKE AIRPARK SK

CCL2

REF	N53 46 06 W105 18 28 2.6WNW 10°E (2013) UTC-6 Elev 1650´ A5015
OPR	Candle Lake Flying Club 306-929-2115 or 306-961-2007 Reg
PF	C-1,2,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5
RWY DATA	Rwy 15(152°)/33(332°) 2600x90 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4700 ASL
CAUTION	Trees close to both thlds. Wildlife may be on rwy. Lgtd twr 2032 ASL (365 AGL) 2.7NM ESE.

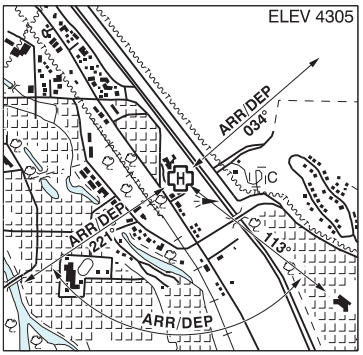


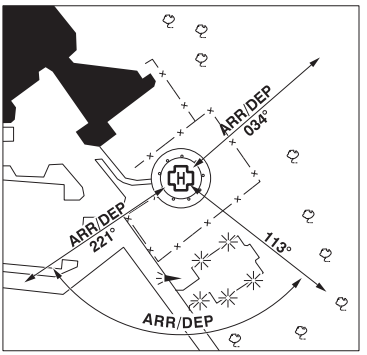
CANMORE VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
EXSHAW	VCXSH	N51° 02' 59" W115° 09' 51"
SUNSHINE TURNOFF	VCSUN	N51° 09' 26" W115° 41' 16"

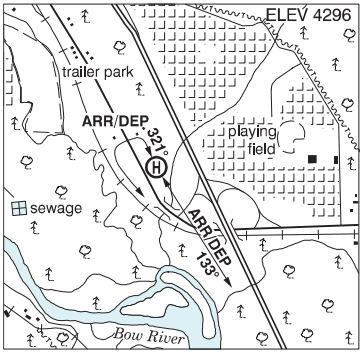
CANMORE (HOSP) AB (Heli) CCH3

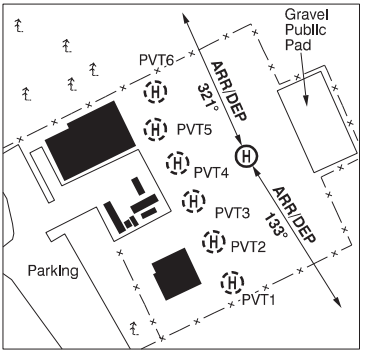




REF	N51 05 33 W115 20 58 Adj 15°E (2013) UTC-7(6) Elev 4305' A5005
OPR	Alberta Health Services 403-678-7214 Cert NVIS OPS AUTH PPR
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 66' dia ASPH Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
LIGHTING	RW(ME) yellow
COMM **ATF**	 tfc 123.3 5NM 7300 ASL
PRO	NVIS rqrd for night use, all flt paths (CAR 602.96) Arr/dep 034° fr heli, slope 8% (H3) (CAR 602.96) Arr/dep 113° to 221° fr heli, (H1) (CAR 602.96)
CAUTION	Condominiums adj SE marked with red obst lgt. Unlgtd trees all quadrants; Unlgtd bldg adj NW of heli.

CANMORE MUNICIPAL HELIPORT AB (Heli) CEW9





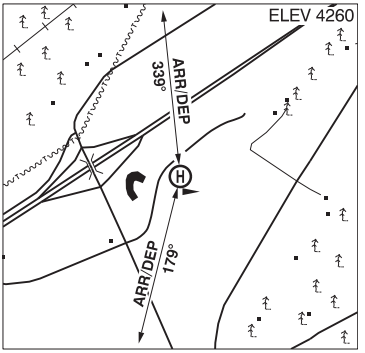
REF	N51 04 43 W115 20 20 0.5SE 15°E (2013) UTC-7(6) Elev 4296´ A5005
OPR	Canmore (Alpine) Heliport 403-678-4802 Cert PPR

CANMORE MUNICIPAL HELIPORT AB (Heli) (Cont'd) CEW9

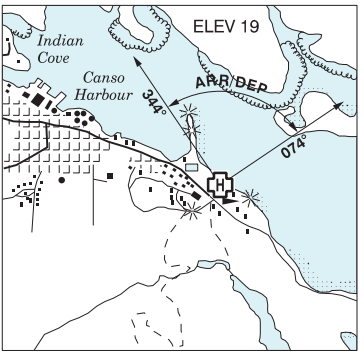
SERVICES S	5 PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 69' dia ASPH Safety Area 92' x 92' Parking Pad-Public: 125' x 60' GRVL Parking Pad-PVT1: 12' x 12' CONC Parking Pad-PVT2: 12' x 12' CONC Parking Pad-PVT3: 12' x 12' CONC Parking Pad-PVT4: 12' x 12' CONC Parking Pad-PVT5: 12' x 12' CONC Parking Pad-PVT6: 12' x 12' CONC
COMM ATF	tfc 123.3 5NM 7300 ASL
PRO	Arr/dep 133° fr heli, slope 8% first section, 16% second section. Arr/dep 321° fr heli curved to W then S (see sketch), slope 8% first section, 16% second section (H3).
CAUTION	Marked p-lines SE of A/D. High density heli tfc - see VTPC.

CANMORE / NAKODA AB (Heli) CNK7

REF	N51 06 12 W115 00 44 3E 15°E (2014) UTC-7(6) Elev 4260' VTA A5005
OPR	Alpine Helicopters Inc. 403-881-9901 Reg PPR
PF	B-1,2,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	5 pads 20' x 20' gravel 200' x 400' GRASS
COMM ATF	tfc 123.3 5NM 7300 ASL
PRO	Arr/dep away fr bldg along hwy 179°& 339°. Must use ATF frequency to call with intentions.
CAUTION	High density heli tfc - see Canmore VTPC.

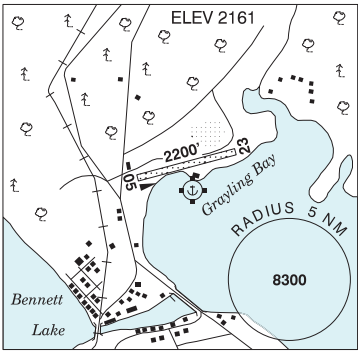


CANSO (EASTERN MEMORIAL HOSP) NS (Heli) CCE5



REF	N45 19 58 W60 58 53 Adj 18°W (2014) UTC-4(3) Elev 19´ A5003
OPR	Municipality of the District of Guysborough 902-533-3705 Reg PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	80´ circular concrete
LIGHTING	FH (PN)
COMM	
ATF	tfc 123.2 5NM 3000 ASL
PRO	Arr/dep 344° to 074° fr heli.

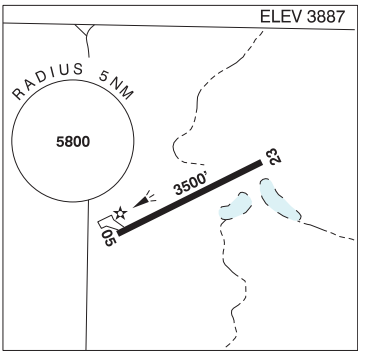
CARCROSS YT CFA4



REF	N60 10 27 W134 41 52 Adj NNE 22°E (2012) UTC-7 Elev 2161´ A5021 A5028 A5099
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Fuel stor by permit only ctc opr
RWY DATA	Rwy 05(053°)/23(233°) 2200x75 gravel
RCR	Opr No maint
COMM	
ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Graded area prior to thld Rwy 23 soft & sandy. Verify rwy unobstructed prior to ldg. Numerous holes in rwy caused by gophers. Trees along both sides of rwy, 75´ fr centreline.

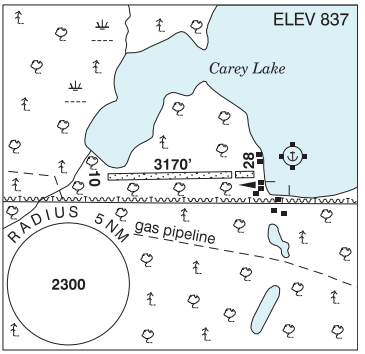
CARDSTON AB — CEA6

REF	N49 09 45 W113 14 28 4SE 14°E (2013) UTC-7(6) Elev 3887´ A5005 LO2
OPR	Cardston County 403-308-0524 Reg
PF	B-1 D-2,3,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 05(049°)/23(229°) 3500x75 asphalt
RCR	Opr Ltd maint
LIGHTING	05-(TE ME), 23-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 6900 ASL
PRO	Ultra-light acft activity.



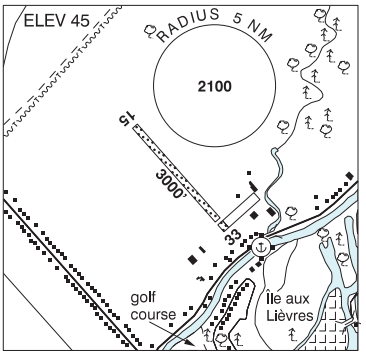
CAREY LAKE ON — CNX3

REF	N49 45 W84 02 16W 9°W UTC-5(4) Elev 837´ A5008
OPR	Hearst Air Service - Melanie Veilleux 705-463-5700 Reg PPR Opr Ltd hrs
PF	B-1 C-2,4,5 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 10/28 3170x75 GRVL Thld 28 displ 400´.
RCR	Opr Aprt gravel rwy not maint, emerg use only. PPR
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Floatplane activity in area.
CAUTION	Marked P-line 65 AGL adj S.



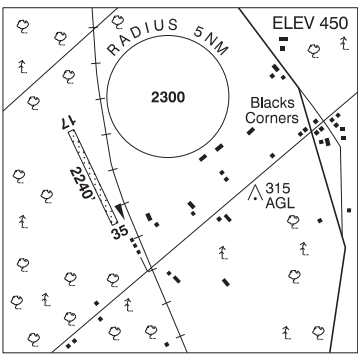
CARIGNAN (BOUTHILLIER) QC — CRG3

REF	N45 28 40 W73 18 05 1.1NNE 15°W (2015) UTC -5(4) Elev 45' VTA A5002
OPR	Serge Bouthillier 514-216-5634 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,4
RWY DATA RCR	Rwy 15/33 3000x50 GRASS Thld 33 displ 200' Opr No win maint.
COMM ATF TML	(bil) tfc 123.2 5NM below 2000 ASL outside CZ CYHU Montréal 134.15 2000 ASL and above
CAUTION	Water A/D adj E. Common freq. Ltd graded sfc. Ditches along both sides of rwy. Trees 60' final Rwy 33. Lgtd P-line 150 AGL 0.3NM NW Thld 15.



CARLETON PLACE ON — CNR6

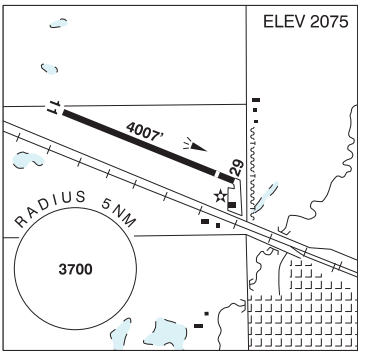
REF	N45 06 14 W76 07 24 1.5SE 14°W UTC-5(4) Elev 450´ A1905 A5000
OPR	A & M Horton 613-285-9393 or 613-250-2206 Reg PPR
PF	B-1 C-2,4,5 D-3,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17/35 2240x95 GRASS Opr No win maint.
COMM ATF	tfc 123.2 5NM 3500 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
CAUTION	Rwy soft when wet and during spring thaw. Rwy strength & cond subject to season and/or climatic vars May 30-Oct 31. No prepared rwy shoulders. Dips and raised bedrock on rwy. Wildlife frequently on rwy. Ultra-light activity. Ocsl aerobatic activity btwn surface & 1500´. Ocsl vehicles on rwy unannounced.



CARLYLE SK

CJQ3

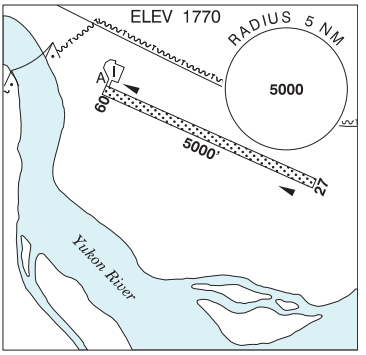
REF	N49 38 39 W102 17 12 Adj NW 7°E (2015) UTC-6 Elev 2075´ A5006 LO2 RCAP
OPR	Town of Carlyle 306-453-2363 Reg
PF	C-1,2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO (see COMM)
SERVICES	For svcg 306-577-7891/7647/9509
FUEL	100LL, JA-1 (FSII avbl)
RWY DATA	Rwy 11(105°)/29(285°) 4007x75 ASPH Thld 29 displ 358'
RCR	Opr or 306-577-7891 Ltd win maint.
LIGHTING	11-(TE LO), 29-(TE LO) ARCAL-122.8 type J
COMM	
ATF	tfc 122.8 5NM 5100 ASL
AUTO	122.55
CAUTION	Unlgtd twr 2282 ASL (212 AGL) 1.1NM SE of A/D.



CARMACKS YT

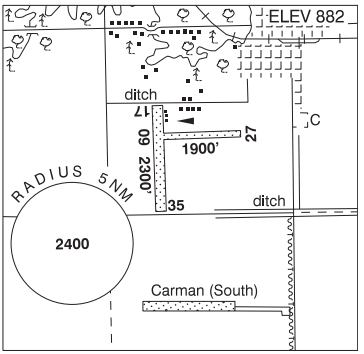
CEX4

REF	N62 06 39 W136 10 42 3.5E 20°E (2017) UTC-7 Elev 1770´ A5028 A5099
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	A-1 C-1,2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-75265
WX	WxCam
SERVICES	Fuel stor by permit only ctc opr
S	4,6
RWY DATA	Rwy 09(094°)/27(274°) 5000x100 gravel
RCR	Opr No maint
COMM	
ATF	tfc 123.2 5NM 4800 ASL
CAUTION	Hi gnd penetrates tkof/apch slopes aprx 2NM fr each end of rwy. Watch for horses on rwy. Cable crossing to 70' AGL 1600' fr thld Rwy 09.



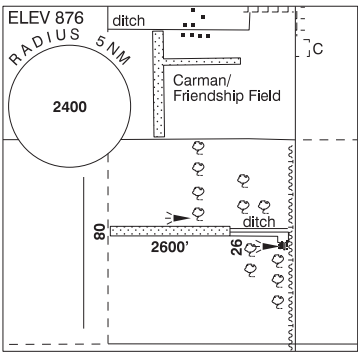
CARMAN / FRIENDSHIP FIELD MB — CJB2

REF	N49 29 29 W98 01 07 Adj SW 4°E (2014) UTC-6(5) Elev 882´ VTA A5007
OPR	R. Diemert 204-745-6268 Reg PPR
PF	B-1 C-2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	PN opr
RWY DATA	Rwy 17(174°)/35(354°) 2300x130 GRASS Rwy 09/27 1900x80 GRASS
RCR	Opr PN for win maint
COMM	
ATF	Carman tfc 123.2 5NM 3900 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-983-8338.



CARMAN (SOUTH) MB — CJS7

REF	N49 28 49 W98 00 57 2S 5°E UTC-6(5) Elev 876' VTA A5007
OPR	Carman/Dufferin Aprt Commission 204-745-0426, 204-750-0770 Reg
PF	C-2,4,5,
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	PN Opr
FUEL	100LL
RWY DATA	Rwy 08(085°)/26(265°) 2600x125 GRASS
RCR	Opr Ltd win maint
LIGHTING	08-(TE LO), 26-(TE LO), TE Rwy 26 non-std. O/R PN ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 3900 ASL



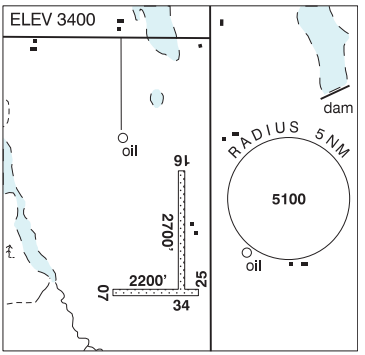
CARMAN (SOUTH) MB (Cont'd) CJS7

PRO	Rgt hand circuits Rwy 08 (CAR 602.96). Circuit hgt 2000 ASL. Do not land or tkof on Twy E of Thld 26. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	Lgtd twr 45 AGL aprx 0.3NM E thld Rwy 26. Lgtd twr 250 AGL aprx 1.2NM SSE A/D. Lgtd twr 260 AGL aprx 3NM ENE A/D.

CARP ON — See OTTAWA / CARP

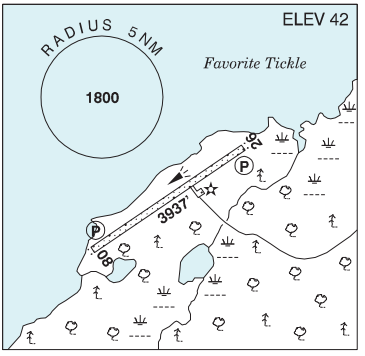
CARSTAIRS / BISHELL'S AB CGB2

REF	N51 34 58 W114 03 07 2NM NE 15°E (2013) UTC-7(6) Elev 3400´ VTA A5005
OPR	G & A Bishell 403-337-2564 Reg PPR
PF	B-1 C-2,5 D-3,4,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	1,4,5,6
RWY DATA	Rwy 07(075°)/25(255°) 2200x65 GRASS Rwy 16(165°)/34(345°) 2700x100 GRASS
COMM	
ATF	tfc 123.2 5NM 6400 ASL
CAUTION	Trees adj NE corner rwy.



CARTWRIGHT NL CYCA

REF	N53 40 57 W57 02 31 1.5SW 20°W (2022) UTC-4(3) Elev 42´ A5020 LO7 HI1 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 02, 08, 14, 20Z.
RWY DATA	Rwy 08(075°)/26(255°) 3937x75 gravel
RWY CERT	Rwy 08/26 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-938-7212, 709-899-2990

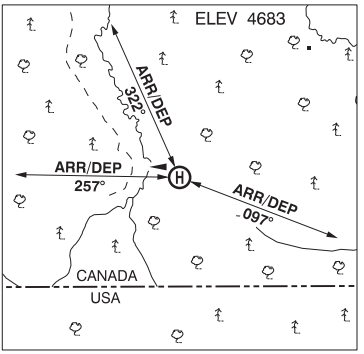


CARTWRIGHT NL (Cont'd) CYCA

LIGHTING	08-AS(TE ME) AP, 26-AS(TE ME) AP ARCAL-122.8 type K key mic 7 times for RILS.
COMM	
ATF	tfc 122.8 5NM 3000 ASL See PRO section
AWOS	128.75
NAV	
NDB	CA 281 (M) N53 42 33 W57 01 16
PRO	Rgt hand circuits Rwy 26 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies. Wildlife in vic of rwy.

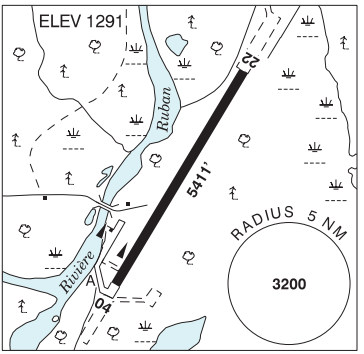
CARWAY / GRIZZLY CREEK RANCH AB (Heli) CGC4

REF	N49 00 16 W113 30 19 5.1WSW 14°E (2016) UTC-7(6) Elev 4683' A5005
OPR	Mark Pilling 780-481-8267 Reg PPR
PF	B-1 D-2,3,4,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 64' dia GRASS Safety Area 85' dia Max heli overall length 42.6' Parking Pad: 51' dia CONC/GRVL
RCR	Opr Day only
COMM	
ATF	tfc 123.2 5NM 7700 ASL
PRO	Arr/dep 097° fr heli, slope 8% (H3), day use only. Arr/dep 257° fr heli, slope 8% (H3), day use only. Arr/dep 322° fr heli, slope 8% (H3), day use only.
CAUTION	Canada/USA border 0.38NM S of heli. Use extreme caution while S of heli. Unmarked building adj to parking position.



CASEY (CAMP DE BASE) QC — CSQ4

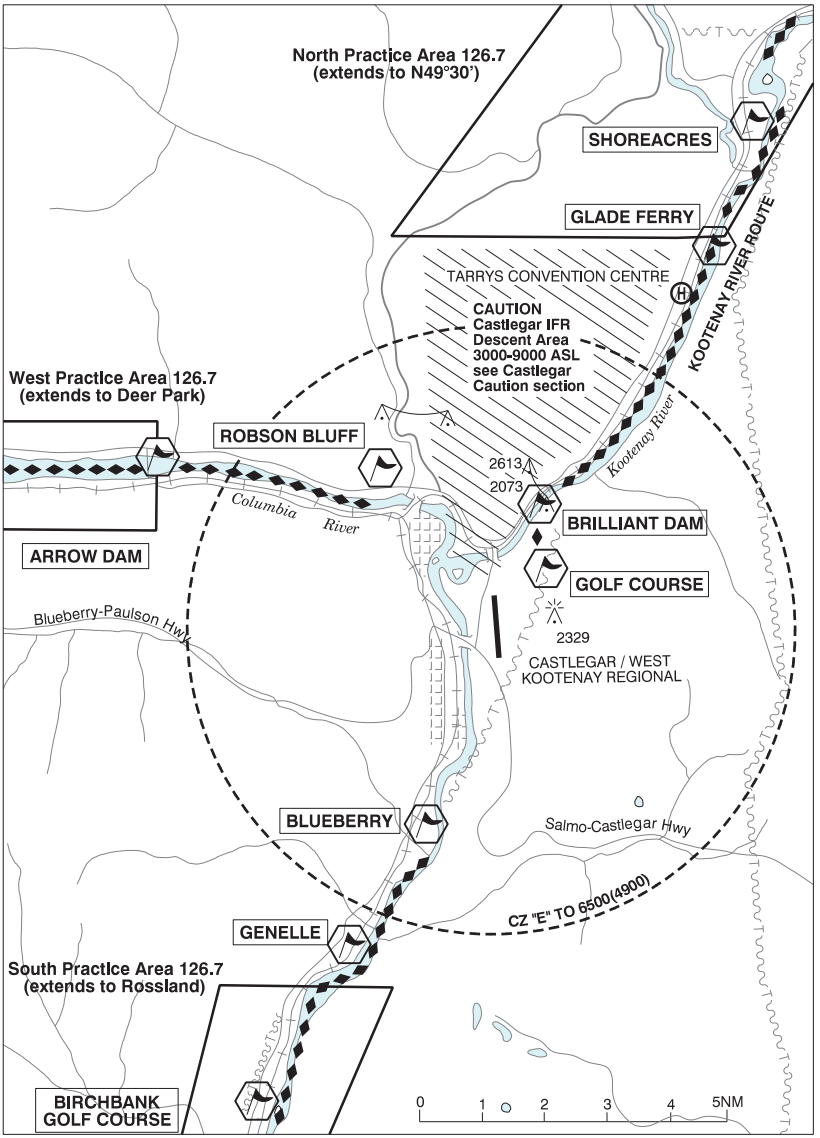
REF	N47 56 15 W74 05 26 4.6ENE 14°W (2022) UTC-5(4) Elev 1291' A5009
OPR	Stratos Aero (9351-3711 Quebec Inc.) 514-478-1636 Reg PPR
PF	A-1,2,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	 4,5, 6 (emerg only)



RWY DATA	Rwy 04(045°)/22(225°) 5411x100 ASPH/SNOW
TWY	Twy A not avbl to acft with wingspans greater than 54'.
RCR	Opr No win maint, rwy occasionally groomed in winter for ski ops only.
COMM **ATF**	 tfc 123.2 5NM 4300 ASL
CAUTION	Possibility of wildlife and debris on rwy. Hills higher than 1900 ASL surrounding rwy.

CASSELMAN (SHEA FIELD) ON — See OTTAWA / CASSELMAN (SHEA FIELD)

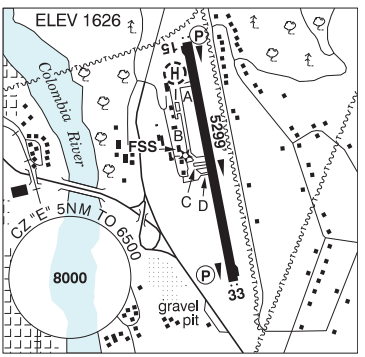
CASTLEGAR / WEST KOOTENAY REGIONAL VFR TERMINAL PROCEDURES CHART



CASTLEGAR / WEST KOOTENAY REGIONAL VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
ARROW DAM	VCAVR	N49° 20' 27" W117° 46' 24"
BIRCHBANK GOLF COURSE	VCBBG	N49° 09' 45" W117° 43' 45"
BLUEBERRY	VCBLB	N49° 14' 48" W117° 39' 29"
BRILLIANT DAM	VCBRD	N49° 19' 30" W117° 37' 13"
GENELLE	VCGNL	N49° 12' 59" W117° 41' 25"
GLADE FERRY	VCRRR	N49° 23' 43" W117° 32' 41"
GOLF COURSE	VCGOL	N49° 18' 22" W117° 36' 58"
ROBSON BLUFF	VCROB	N49° 20' 05" W117° 40' 55"
SHOREACRES	VCSHR	N49° 25' 33" W117° 31' 48"

CASTLEGAR / WEST KOOTENAY REGIONAL BC — CYCG



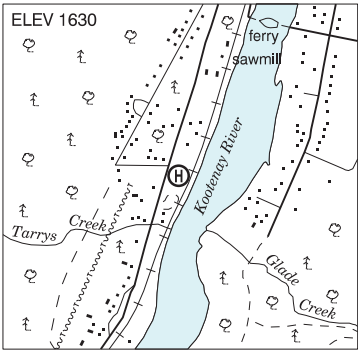
REF	N49 17 46 W117 37 57 2SSE 15°E (2016) UTC-8(7) Elev 1626´ A5005 LO2 HI3 CAP
OPR	City 250-365-7227 Cert day only
PF	A-1,2,3,6 C-4,5
CUST	AOE/CAN 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 14-01Z (DT 13-04Z) O/T LWIS TAF 16-01Z (DT 15-04Z), issue times: 16, 21Z (DT 15, 21Z).
SERVICES	
FUEL	100LL, JA, SP 250-365-5935
OIL	All
S	1,2,4,5,6 16Z-SS
RWY DATA	Rwy 15(154°)/33(334°) 5299x150 ASPH
RWY CERT	Rwy 15/33 AGN IIIA
TWY	Twy B: Straight section 49' (15.0m) wide. Twy C, D: Pvt.
APRON	Apron I: Acft movement behind parked Acft is not avb when OPR stands #1 or #2 are in use by a DH8-Q400 or DH8-300.
RCR	FSS CRFI, PLR/PCN.
HELI DATA	Parking Pad 49' dia ASPH
LIGHTING	15-AS(TE ME) P2, 33-SF(4 lead-in lights and offset 11° left) (TE ME) P2 2.9° (offset 5° West). PAPI will not read correctly unless acft positioned on 11° offset apch flt path. PAPI limitation/restriction. PAPI Rwy 15 to be used only within 3NM of thld; PAPI Rwy 33 to be used only within 2NM of thld.
COMM	Comm at 10NM may not be possible all quads due to terrain
RADIO	122.1 PTC avbl (V) 1330-0130Z (DT 1230-0430Z) (emerg only 250-365-3013)
RCO	Pacific rdo 125.85 (FISE)
MF/ATF	rdo 1330-0130Z (DT 1230-0430Z) O/T tfc 122.1 5NM 6500 ASL (CAR 602.98)
PAL	Vancouver Ctr 134.2 227.3

CASTLEGAR / WEST KOOTENAY REGIONAL BC (Cont'd) CYCG

PRO	**AIRPORT RESTRICTION:** Pursuant to CAR 602.96 (3) (d) aprt use rstd to daylight hrs only exc for emergencies. Rgt hand circuits Rwy 15 (CAR 602.96). When arriving via Kootenay River route, proceed to GOLF COURSE then join rgt hand circuit Rwy 15/left hand circuit Rwy 33 (CAR 602.96).
CAUTION	Mtns sur the aprt & protrude into tkof/apch areas of both rwys. P-line 40 AGL crosses apch to Rwy 33 aprx 1500´ fr thld. Acft on inst apchs may use high rates of descent (see hatched area on VTPC). Hi terrain reduces operational lengths of Rwys 15 and 33 PAPI.

CASTLEGAR (TARRYS CONVENTION CENTRE) BC (Heli) CCT3

REF	N49 23 11 W117 33 07 6NNE 16°E (2013) UTC-8(7) Elev 1630´ A5005
OPR	Tarrys Convention Centre 250-505-3905 Reg PPR
PF	A-1, C-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL S	Jet A (Barrels) 1,4,5,6
HELI DATA RCR	FATO/TLOF 100' x 100' GRASS Opr
COMM RCO ATF	Pacific rdo 125.85 (FISE) Castlegar rdo 122.1 1NM 2700 ASL
PRO	Apch fr river.
CAUTION	Wires crossing river one mile E of glade ferry. Castlegar CZ bdry aprx 1.2NM SW.

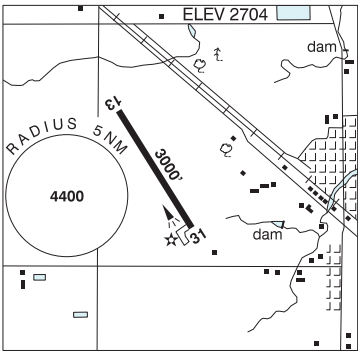


CASTLEWOOD FIELD ON — See ORANGEVILLE / CASTLEWOOD FIELD

CASTOR AB

CER2

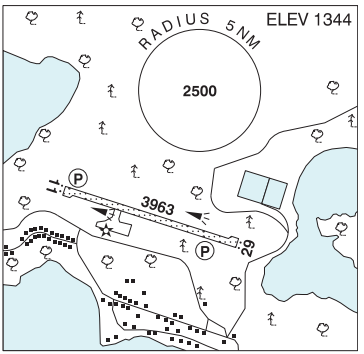
REF	N52 13 W111 56 1W 14°E (2013) UTC-7(6) Elev 2704´ A5005 A5015 LO2
OPR	Town 403-882-3215 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 13(134°)/31(314°) 3000x75 asphalt
RCR	Opr Ltd maint
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5800 ASL



CAT LAKE ON

CYAC

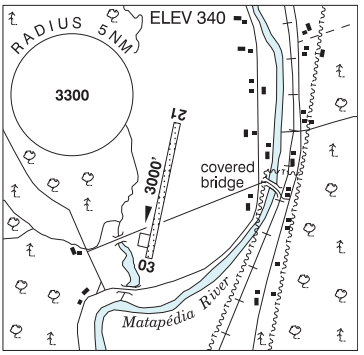
REF	N51 43 38 W91 49 28 Adj N 1°W UTC-6(5) Elev 1344´ A5008 LO4 CAP
OPR	Govt of Ontario - MTO 807-347-2066 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
RWY DATA	Rwy 11(108°)/29(288°) 3963x100 GRVL
RWY CERT	Rwy 11/29 AGN IIIA
RCR	Aprt Foreperson 807-630-5228 or Opr Ltd win maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	11-AS(TE ME) AP, 29-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4400 ASL



CAUSAPSCAL QC

CTF3

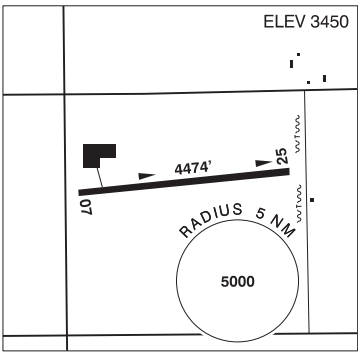
REF	N48 18 41 W67 15 05 2SSW 18°W (2015) UTC-5(4) Elev 340´ A5010
OPR	Ferme Gendron 418-756-3366 Reg
PF	C-1,3,5,6 D-2
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 03/21 3000x75 gravel Opr No win maint
COMM ATF	(bil) tfc 123.2 5NM 3400 ASL



CAYLEY / A.J. FLYING RANCH AB

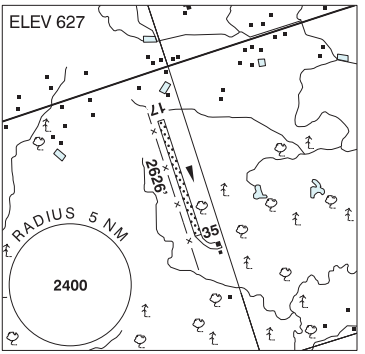
CAJ7

REF	N50 27 13 W113 44 50 3.5E 15°E (2012) UTC-7(6) Elev 3450´ A5005
OPR	A.J. Flying Ranch Inc 250-415-3444 Reg PN
PF	D-2,4,5
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES S	 4,5,6
RWY DATA RCR	Rwy 07/25 4474x50 asphalt Opr Ltd maint
LIGHTING	RR
COMM ATF	 tfc 123.0 5NM 6400 ASL
CAUTION	Two marked power-line poles either side of thld Rwy 25 have underground cable btwn them. High River (CEN4) 5NM NW.



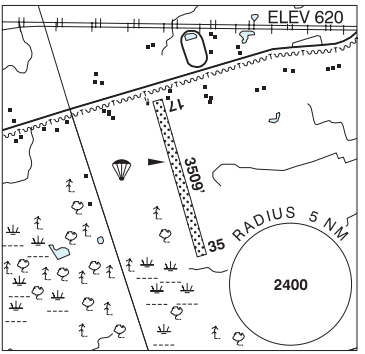
CAYUGA (BRUCE FIELD) ON — CCG5

REF	N42 57 04 W79 49 30 1.4E 10°W (2015) UTC-5(4) Elev 627´ A5000
OPR	David Bruce 289-370-0208 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(172°)/35(352°) 2626x60 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM **ATF**	tfc 122.775 5NM 3700 ASL
PRO	Right hand circuits Rwy 17 (CAR 602.96)
CAUTION	Twr 350' 0.2NM NE of Thld 17. Wildlife crossing rwy.



CAYUGA EAST ON — CAF2

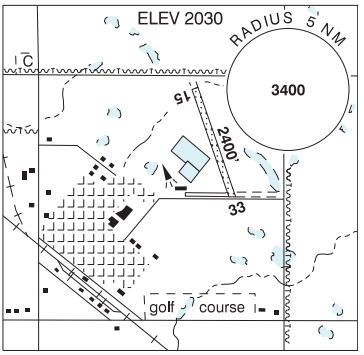
REF	N42 57 37 W79 47 18 3ENE 10°W (2015) UTC-5(4) Elev 620' A5000 LO6
OPR	Jeff King 416-702-9943 Reg PPR
PF	C-1,2,3,4
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA	Rwy 17(174°)/35(354°) 3509x100 GRASS
RCR	Opr Soft when wet.
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-123.2 type J
COMM **ATF**	tfc 122.775 5NM 3700 ASL
CAUTION	P-line 25 AGL along road 200' fr Thld 17. Parachute act to 13,500 ASL within 3NM of A/D by NOTAM. Do not overfly A/D.



CEILIDH ON — See WALSINGHAM / CEILIDH

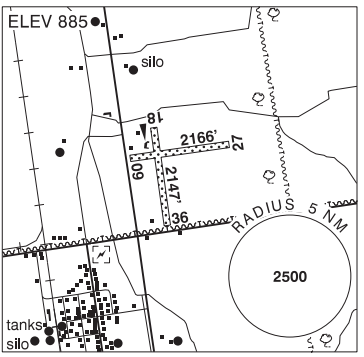
CENTRAL BUTTE SK CJC4

REF	N50 48 05 W106 29 18 11°E (2012) UTC-6 Elev 2030´ A5006
OPR	Town 306-796-2288/2040 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15(150°)/33(330°) 2400x75 GRASS Opr Ltd win maint
LIGHTING	15-(ME), 33-(ME) Only 2000´ lgtd. ARCAL-123.2 key mic button within 10NM & emit voice tone, lgts for 10 mins.
COMM ATF	tfc 123.2 5NM 5100 ASL



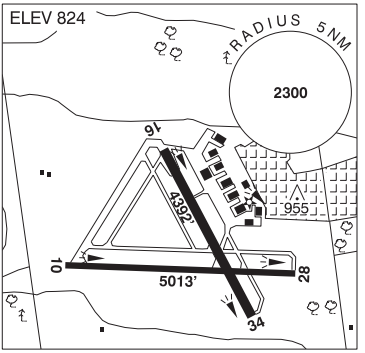
CENTRALIA (ESSERY FIELD) ON CES5

REF	N43 17 32 W81 27 56 Adj NE 9°W (2016) UTC-5(4) Elev 885' A5000
OPR	Rob Essery 519-228-6228 or 519-878-6993 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
RWY DATA RCR	Rwy 09(091°)/27(271°) 2166x65 GRASS Rwy 18(181°)/36(001°) 2147x66 GRASS Opr No win maint
COMM ATF	tfc 122.8 5NM centered on Centralia / James T. Field Memorial A/D 1.8NM W 3800ASL
PRO	Right hand circuits on Rwy 27 & 36 (CAR 602.96).
CAUTION	P-lines on apch to Rwys 09, 27 & 36. Ocsl farm machinery in vic of rwys.



CENTRALIA / JAMES T. FIELD MEMORIAL ON — CYCE

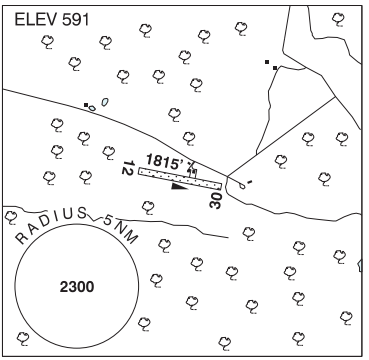
REF	N43 17 09 W81 30 23 1.6W 9°W (2013) UTC-5(4) Elev 824´ A5000 LO6 HI5 CAP
OPR	New United Goderich Inc. 519-228-6052 (1300-2130Z‡ Mon-Fri) O/T 226-378-7422 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam



SERVICES **FUEL**	JA-1
OIL	W100, 15W50, 20W50, Mobil Jet II & 254, Turbo Oil 2380
S	2,3,4,5
RWY DATA	Rwy 10(101°)/28(281°) 5013x100 ASPH Rwy 10 up 0.52% Rwy 16(161°)/34(341°) 4392x150 ASPH Clsd Nov 1-Mar 31 O/T clsd 0100-1300Z‡
RCR	Opr 13-23Z‡ Mon-Fri Snow removal may be delayed 24 hr. Rwy 16/34 no win maint. PLR
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-122.8 type K
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
NAV **VOR/DME**	LONDON YXU 117.2 Ch 119 N43 02 16 W81 08 56 (920')
CAUTION	Wind turbines to 1287 ASL W of A/D. Water twr 221 AGL aprx 0.4NM E of Thld 16. Glider activity Apr-May & Sep-Oct. Sports car and rdo ctl acft activity May-Sep.

CENTREDALE NS — CDL8

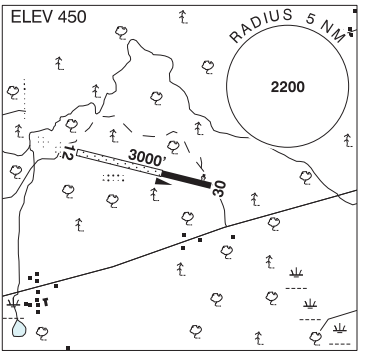
REF	N45 24 34 W62 37 08 1.4ESE 18°W (2016) UTC-4(3) Elev 591' A5003
OPR	Mike Gourd 902-396-7000 Fax 902-923-2492 Reg PPR
PF	B-1 D-2,5
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 12(118°)/30(299°) 1815x60 GRASS Rwy 12 up 3.0%
RCR	Opr ltd hrs No win maint



COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL
CAUTION	Tower 50 AGL 120' N A/D. Trees 40 AGL 100' N A/D, trees 50 AGL 600' W Thld 12. Rwy 12 first 600' undulating. Wildlife in vic of rwy. Barn 25 AGL 550' W Thld 30.

CENTREVILLE / GRAHAM FIELD NB — CGR7

REF	N46 23 28 W67 43 22 2.4SSW 16°W (2024) UTC-4(3) Elev 450' A5002 A5003
OPR	Steven Graham 506-425-0100 Peter White 506-425-0501 Reg
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	 5
RWY DATA RCR	Rwy 12(120°)/30(300°) 3000x60 GRVL/ASPH first 1100' Rwy 30 ASPH Opr Ltd win maint
COMM ATF	 tfc 122.8 5 NM 3500 ASL

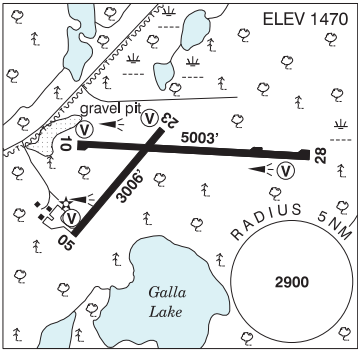


CHAPAIS QC — See CHIBOUGAMAU / CHAPAIS

CHAPESKIE FIELD ON — See LONDON / CHAPESKIE FIELD

CHAPLEAU ON — CYLD

REF	N47 49 13 W83 20 49 2.5SE 9°W (2013) UTC-5(4) Elev 1470´ A5001 LO4 HI4 CAP
OPR	Township 705-864-1330 Reg
PF	B-1 C-2,3,4,5,7,8
FLT PLN FIC WX	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) METAR 11-02Z‡ O/T LWIS TAF 13-02Z‡, issue times: 13, 20Z (DT 12, 14, 20Z).
SERVICES FUEL S	13-22Z‡ Mon-Fri, Sep 15-May 15; (DT 13-24Z) Mon-Sun, May 16-Sep 14; Call out chg after hrs 705-870-0066 PN 100LL, JA-1 (FSII avbl) 4
RWY DATA RCR	Rwy 10(100°)/28(280°) 5003x100 ASPH Rwy 10 down 0.98%. Rwy 05(048°)/23(228°) 3006x75 ASPH Ctc 705-864-1828
LIGHTING	05-(TE LO) V1, 10-(TE ME) V1, 23-(TE LO) V1, 28-(TE ME) V1 ARCAL-122.8 key mic 3 times activates VASIS Rwy 10 & all rwy lgts; key mic 5 times activates VASIS Rwy 28 & all rwy lgts; key mic 7 times activates VASIS Rwy 23 & all rwy lgts; VASIS Rwy 05 not avbl on ARCAL. Ctc opr.

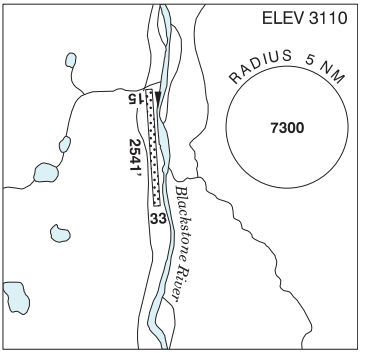


CHAPLEAU ON (Cont'd) CYLD

COMM	
ATF	tfc 122.8 5NM 4500 ASL
CAUTION	Soft shoulders on all rwys.

CHAPMAN YT CEZ2

REF	N64 54 13 W138 16 39 20°E (2017) UTC-7 Elev 3110' A5034
OPR	Govt of Yukon Territory 867-634-2046 or 867-993-7709 Reg
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Fuel stor by permit only ctc opr
RWY DATA	Rwy 15(156°)/33(336°) 2541x75 GRVL
RCR	Opr No maint Uneven sfc first 1000' Rwy 33

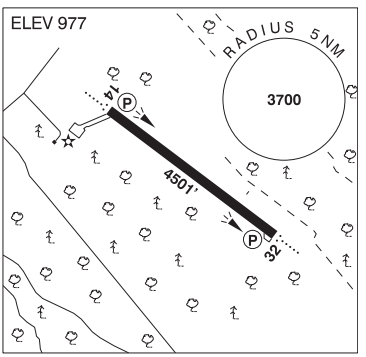


COMM	
ATF	tfc 123.2 5NM 6100 ASL
CAUTION	Frequent strong cross-winds. Tundra tires recommended.

CHAPMAN LAKE YT — See CHAPMAN

CHARLEVOIX QC CYML

REF	N47 35 51 W70 13 26 16°W (2022) UTC-5(4) Elev 977´ A5002 LO7 CAP
OPR	Muni 418-489-2010 Fax 418-452-3247 Reg Ldg fees (acft over 2000 kg only)
PF	A-1 C-2,3 D-4,7
CUST	AOE/CAN
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 418-489-2016 (see COMM) WxCam



SERVICES	PN 13-21Z Mon-Fri May 15-Jun 16 and Oct 9-Oct 13, 13-21Z Jun 17-Oct 8, Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1
OIL	15W50
SUP FL	D & A-ice PPR
JASU	Elect start 10/15

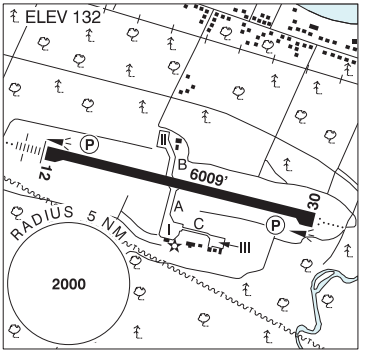
CHARLEVOIX QC (Cont'd) CYML

RWY DATA	Rwy 14(143°)/32(323°) 4501x150 ASPH Rwy 32 up 0.51%.
RCR	Opr 1330-2130Z‡ May 1-Oct 29; No win maint.
LIGHTING	14-AO(TE ME) P2, 32-AO(TE ME) P2 ARCAL-123.0 type K
COMM	(bil)
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 4000 ASL
AUTO	122.55 (English only)

CHARLIE LEAKE FIELD BC — See McBRIDE / CHARLIE LEAKE FIELD

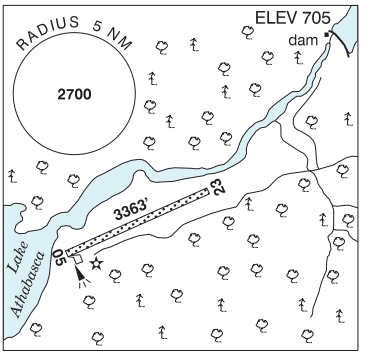
CHARLO NB CYCL

REF	N47 59 27 W66 19 49 4.8SSE 18°W (2017) UTC-4(3) Elev 132´ A5010 LO7 LO8 HI6 CAP
OPR	Charlo Regional Airport Authority Inc 12-23Z‡ Mon-Fri, 12-21Z‡ Sat & Sun O/T PN 506-684-5507 or 506-789-3922 Cert
PF	B-1,6 (PN) C-1,2,3,4,5 D-6
CUST	AOE/CAN; AOE/15 888-226-7277 1230-2030Z‡ Mon-Fri May 1-Oct 31
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) 12-24Z‡ Mon-Fri, 13-22Z‡ Sat & Sun O/T call out chg.
RWY DATA	Rwy 12(122°)/30(302°) 6009x150 ASPH Rwy 12 down 0.30%
RWY CERT	Rwy 12/30 AGN IIIB
RCR	Opr Ltd hrs, CRFI, PCN. No win maint Twy B, Apron II & Apron III. Ctc opr svc chg will apply.
LIGHTING	12-AN(TE HI) P2, 30-AO (non-std 1210') (TE HI) P2 ARCAL-122.2 type K
COMM	
RCO	Québec rdo (U)
ATF	tfc 122.2 5NM 3100 ASL
PAL	Moncton Ctr 134.25



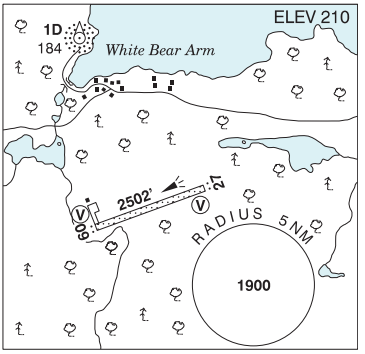
CHARLOT RIVER SK — CJP9

REF	N59 36 05 W109 08 18 13°E (2015) UTC-6 Elev 705´ A5023 LO1 LO5 RCAP
OPR	Saskatchewan Power Corp 306-498-3377 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344 or 204-983-8337
WX	ALTIMETER/WIND 306-498-3377 ldt hrs (see COMM)
SERVICES	
S	6
RWY DATA	Rwy 05(053°)/23(233°) 3363x88 clay/gravel
RCR	Opr
LIGHTING	05-(TE LO), 23-(TE LO) ARCAL-122.725 type J
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.725 5NM 3700 ASL

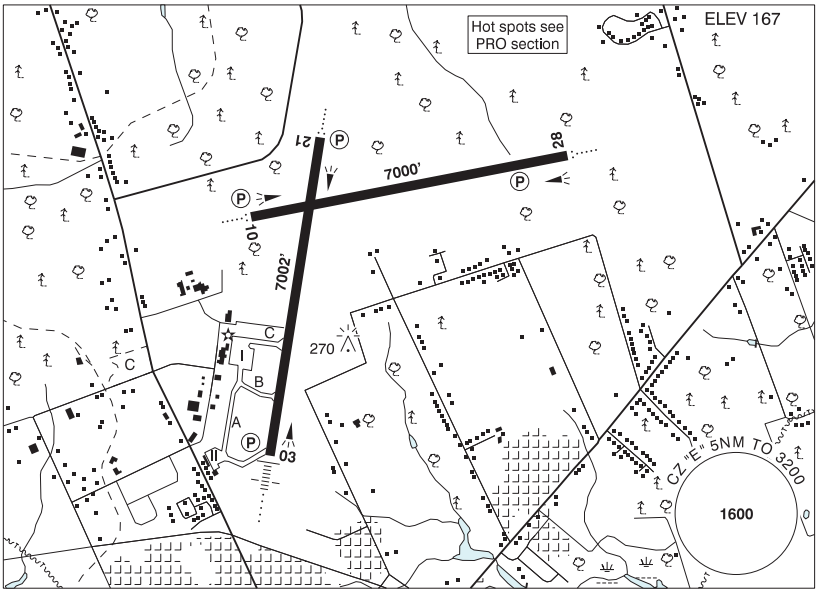


CHARLOTTETOWN NL — CCH4

REF	N52 45 57 W56 06 45 Adj S 19°W (2024) UTC-3 1/2(2 1/2) Elev 210' A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	D-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 09(090°)/27(270°) 2502x75 GRVL Rwy 27 down 1.48%
RWY CERT	Rwy 09/27 AGN II
RCR	Opr 0930-1830Z‡ Nov-Apr, 1130-2030Z‡ May-Oct O/T ctc opr 709-949-0268/0208
LIGHTING	09-AS(TE ME) AV 4°, 27-AS(TE ME) AV 4° ARCAL-122.8 type K key mic 7 times for RILS.
COMM	
ATF	tfc 122.8 5NM 3200 ASL See PRO section
NAV	
NDB	1D 346 (M) N52 46 31 W56 07 33 Pvt Unmonitored
PRO	Rgt hand circuits Rwy 27 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.



CHARLOTTETOWN PE CYYG



REF	N46 17 21 W63 06 55 3N 18°W (2014) UTC-4(3) Elev 167' A5003 LO8 HI6 CAP OC
OPR	Charlottetown Airport Authority Inc. 902-566-7997 0900-0430Z‡ O/T PPR 902-394-4168 Cert
PF	A-1,2,3,6,7,8 C-4,5
CUST	AOE/60 (368 with staged off-loading) 888-226-7277 12-04Z‡
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL 11-01Z‡ ctc 902-394-4168, JA-1 (FSII avbl) 09-00Z‡ O/T call out chg will apply. Fax/tel: 902-566-3835. Duty tel: 902-629-0906 aft hr 902-393-1792
OIL	All
S	1,2
ARFF	DESIGNATED CAT 6 (CAT 7, 2 hr PN) 0900-0430Z‡, O/T call out chg.
SUP FL	D & A-ice
MIL CON	Aircraft Services International Group 902-566-3835
RWY DATA	Rwy 03(027°)/21(207°) 7002x150 ASPH Rwy 10(097°)/28(277°) 7000x150 ASPH RESA: 03/21 492'; 10/28 492'
RWY CERT	Rwy 03 RVR 1200(1/4sm)/Rwy 21 RVR 1200(1/4sm) AGN IV Rwy 10 RVR 1200(1/4sm) Day only/Rwy 28 RVR 1200(1/4sm) Day only AGN IV
APRON	Apron I: Uncontrolled. Avbl to sked pax flt and 705 ops, all other ppr 902-566-7997 for acft parking. Numbered parking stands req marshall in and push-back out (Stands 1,2,3,4 and 5). All acft must yield to acft in push-back from ATB.
RCR	Opr AMSCR 0900-0430Z‡

CHARLOTTETOWN PE (Cont'd) CYYG

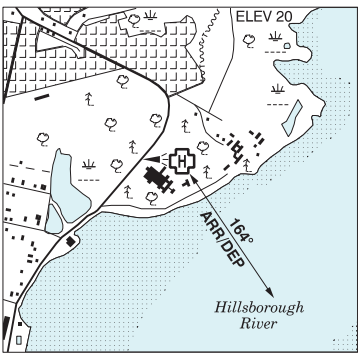
LIGHTING	03-AN(TE HI) P2, 21-AO(TE HI) P2, 10-AO(TE ME) P2, 28-AO(TE ME) P2
COMM	
RADIO	118.0 PTC avbl (E) (emerg only 902-368-2210)
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
MF	rdo 118.0 5NM 3200 ASL (CAR 602.98)
PAL	Moncton Ctr 135.65
NAV	
DME	YYG 113.8 Ch 85 N46 17 52 W63 07 11 (206´)
ILS	IYG 110.9 (Rwy 03) RVR LOC reliable only within 10° either side of centreline.
PRO	Caution during win ops: Twy C may be the only serviceable twy. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

CHARLOTTETOWN FSS – RCO

Sydney 122.0 (RAAS) (U) (N46 10 W60 03)

CHARLOTTETOWN (QUEEN ELIZABETH HOSP) PE (Heli) CDV3

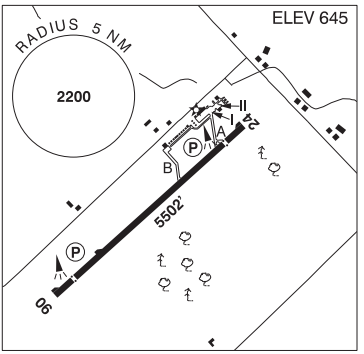
REF	N46 15 20 W63 05 56 Adj E 18°W (2014) UTC-4(3) Elev 20´ A5003
OPR	Queen Elizabeth Hosp 902-894-2031, 902-894-2032, 902-314-8128 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 78.7' dia ASPH Safety Area 105' dia Max heli overall length 52.5'
RCR	Security 902-894-2001



LIGHTING	RF(FH)
COMM	
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
MF	Charlottetown rdo 118.0 5NM centred on Charlottetown land A/D 2.3NM SE 3200 ASL (CAR 602.98)
PRO	Arr/dep 164° fr heli, slope 12% (H2)
CAUTION	140´ unlighted Power Plant stacks 250´ NE of heli.

CHATHAM-KENT ON

CYCK

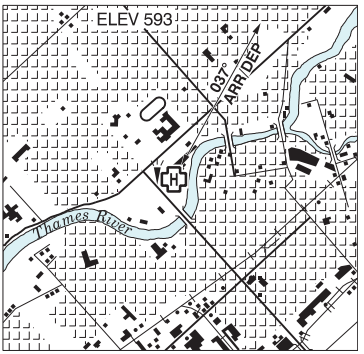


REF	N42 18 22 W82 04 54 6SE 8°W (2013) UTC-5(4) Elev 645´ A5000 LO6 HI5 CAP
OPR	Municipality 519-676-3455 13-22Z‡ Cert Opr
PF	A-1,7,8 D-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam
SERVICES	Call out chg may be levied outside hrs of ops.
FUEL	100LL, JA-1
OIL	80, 100, 15W50, 20W50
S	4,5,6
RWY DATA	Rwy 06(056°)/24(236°) 5502x75 ASPH Thld 06 displ 500'. Thld 24 displ 500'.
RWY CERT	Rwy 06/24 AGN IIIB
RCR	Opr 13-22Z‡ Nov 15-Mar 15
LIGHTING	06-AS(TE ME) P1, 24-AS(TE ME) P1 ARCAL-123.2 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.2 5NM 3700 ASL
AWOS	122.975
PRO	Glider activities Apr - Oct. Pilots are requested to avoid flt below 2000 ASL when flying over the Jack Miner Bird Sanctuary (Kingsville, Ont N42 04 00 W82 45 00) & over Point Pelee National Park.
CAUTION	Wildlife frequently on rwys. Numerous wind turbines in vic.

CHATHAM-KENT HEALTH ALLIANCE (WALLACEBURG) ON (Heli) — See WALLACEBURG / CHATHAM-KENT HEALTH ALLIANCE (WALLACEBURG)

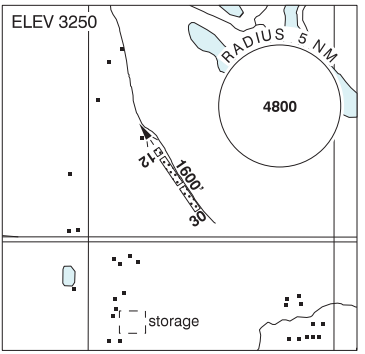
CHATHAM-KENT HEALTH ALLIANCE (CHATHAM) ON (Heli) CPG8

REF	N42 24 13 W82 11 36 Adj 8°W UTC-5(4) Elev 593´ A5000
OPR	Chatham-Kent Health Alliance 519-352-6400 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 100´ dia CONC Safety Area 115´ dia Max heli overall length 57.5´ Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 037° fr heli, slope 8% (H2), day/night use.



CHEADLE / COUNTRY LANE FARMS AB CLF2

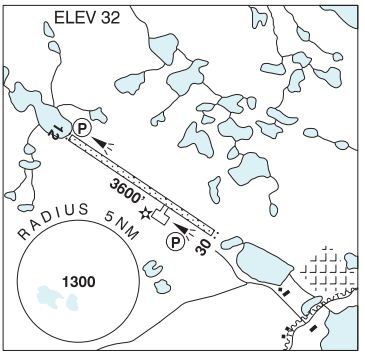
REF	N51 02 29 W113 33 16 1.7NNW 14°E (2022) UTC-7(6) Elev 3250' A1904 A5005
OPR	Jerry Kamphuis 403-934-2755 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	5
RWY DATA **RCR**	Rwy 12(120°)/30(300°) 1600x50 GRASS Thld 12 displ 150'. Thld 30 displ 600'. Opr Ltd win maint.
LIGHTING	12-(LO non-std, O/R), 30-(LO non-std, O/R)
COMM **ATF**	tfc 123.2 3NM 4800 ASL
CAUTION	Unmarked P-line 60 AGL 1500' from end of Rwy 12.



CHESHER LAKEHURST ON — See BOBCAYGEON / CHESHER LAKEHURST

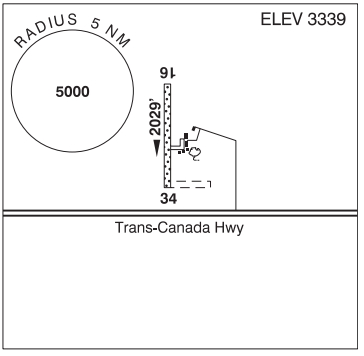
CHESTERFIELD INLET NU — CYCS

REF	N63 20 50 W90 43 52 1NW 8°W (2021) UTC-6(5) Elev 32´ A5031 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-898-9070 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS
SERVICES	Call out chg may be levied outside oprg hrs.
FUEL	DFA 1430-2400Z‡ Mon-Sat exc hols 2 hrs PN ctc 867-898-9975/9981 or 867-645-8156/8153. Visa and Master Card accepted. Credit by prior arng only, ctc 867-645-8400 allow 7 working days.
RWY DATA	Rwy 12(124°T)/30(304°T) 3600x100 GRVL Rwy 12 up 0.51%.
RWY CERT	Rwy 12/30 AGN IIIA
RCR	Maint contractor 867-898-9070/645-1500 Fax 867-645-3319. A/D maint avbl 14-23Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN
LIGHTING	12-AS(TE ME) P1, 30-AS(TE ME) P1 ARCAL-122.1 type K (see CAUTION)
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1245-2315Z‡ Mon-Fri, 1445-2115Z‡ Sat & Sun, exc federal observed hols, O/T 2 hrs PN, call out chg.
CAUTION	Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge).



CHESTERMERE (KIRKBY FIELD) AB — CFX8

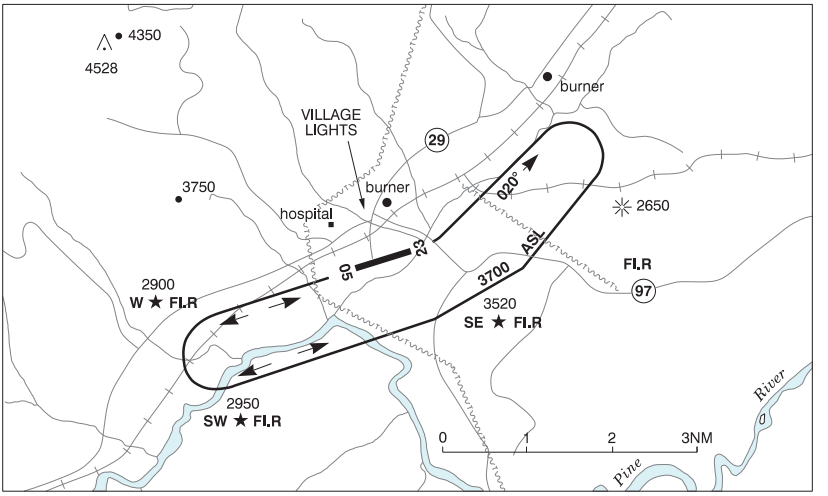
REF	N51 02 30 W113 45 06 2E 15°E (2012) UTC-7(6) Elev 3339´ VTA A5005
OPR	Bob Kirkby 403-512-9158 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5,6
RWY DATA	Rwy 16(165°)/34(345°) 2029x55 GRASS
RCR	Opr
COMM	
ATF	tfc 123.4 3NM 4500 ASL



CHESTERMERE (KIRKBY FIELD) AB (Cont'd) CFX8

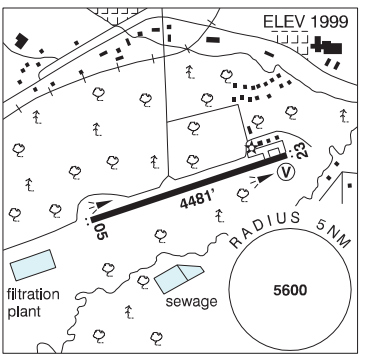
PRO	Rgt hand circuits Rwy 34 (CAR 602.96). Arr/dep: ctc Calgary advsy 119.4 prior to entering class C airspace. Mode C transponder mandatory in class C airspace.
CAUTION	Class C airspace above A/D at 4800 ASL. P-lines Thld 16 buried underground. Antenna twr 1NM NW 350 AGL, 3678 ASL.

CHETWYND VFR TERMINAL PROCEDURES CHART (NIGHT CIRCUIT PROCEDURE)



CHETWYND BC CYCQ

REF	N55 41 14 W121 37 36 Adj S 19°E (2013) UTC-7 Elev 1999´ A5014 LO1 CAP
OPR	District of Chetwynd 250-401-4100 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR 13-01Z fr second Sun in Mar. 14-24Z fr first Sun in Nov. O/T LWIS. AUTO (see COMM) Webcam



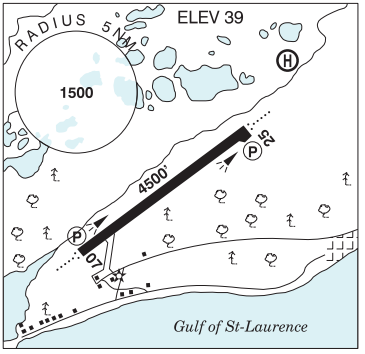
SERVICES	
FUEL	JA (Heli only) Ridge Rotors 250-788-4158 JA-1 Executive Flight Center 250-785-6174 (main) or 250-793-1734 Smart Card/VISA/MASTERCARD Access
S	4,5,6
RWY DATA	Rwy 05(054°)/23(234°) 4481x100 ASPH AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	05-AS(TE ME), 23-AS(TE ME) V2 ARCAL-126.7 type K, exc RILS on hi setting only. Ngt ops are not recommended unless all 3 hazard beacons are oprg.

CHETWYND BC (Cont'd) CYCQ

COMM	
ATF	tfc 123.2 5NM 5000 ASL
AUTO	122.55
PRO	Rgt hand circuits Rwy 05 (CAR 602.96). Ngt circuits 3700 ASL. Ngt circuit pro depicted on VTPC. All IFR departures call Edmonton ACC at 888-358-7526 for IFR clnc prior to dep.
CAUTION	Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Moderate to severe turbulence & wind shear may be encountered on apch. Wild animals may stray on to rwy. Lgtd group of wind turbines to 4040 ASL (674 AGL) aprx 9.6NM SSE of A/D, 3932 ASL (674 AGL) aprx 8.7NM SSE of A/D.

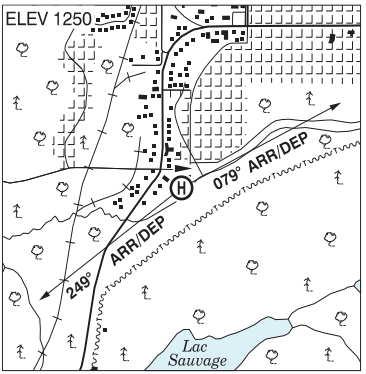
CHEVERY QC CYHR

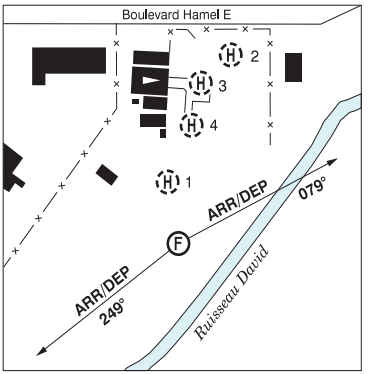
REF	N50 28 08 W59 38 12 18°W (2024) UTC-4 Elev 39´ A5011 A5012 LO7 LO8 HI6 CAP
OPR	Municipalité de la Côte Nord du Golfe St-Laurent 418-787-2215 Cert
PF	B-1,7 C-2,3,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO (see COMM). (English) 418-787-2389 WxCam



SERVICES	
FUEL	JA-1 11-23Z Mon-Fri O/T call out chg, 48 hr PN Sat-Sun 418-787-0187, 581-621-1750 emerg 514-772-9255
RWY DATA	Rwy 07(073°)/25(253°) 4500x150 ASPH
RWY CERT	Rwy 07/25 AGN IIIA
RCR	Opr or 819-213-2088 12-21Z Mon-Fri O/T 3 hr PN PLR/PCN
LIGHTING	07-AO (TE ME) P2, 25-AO (TE ME) P2 ARCAL-123.5 type K
COMM	(bil)
ATF	tfc 123.5 corridor see PRO section
AUTO	122.55 (English only)
PRO	Helicopter activity to NE (1500 ft) FM Thld 25. When using Hydro-Québec heliport facilities, maintain 500 ASL or lower within 3NM radius. Remain clear Rwy 25 final. Priority must be given to conflicting tfc on instrument apch or in the circuit. Corridor tfc 123.5 aprx 30NM wide along shore, up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Bird activity Apr-Sep

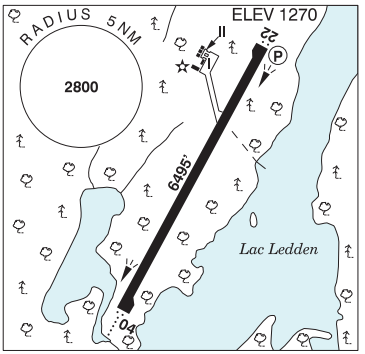
CHIBOUGAMAU QC (Heli) CSB4





REF	N49 54 16 W74 23 02 Adj SW 16°W (2015) UTC-5(4) Elev 1250' A5009
OPR	Hamel Multiservices Inc. 581-445-2015, 418-770-1650 Reg PPR Ldg fees
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	Chg may be levied for svcs, 24 hr PN 1,4,6
HELI DATA	FATO 100' x 100' GRVL Safety Area 114' x 114' Max heli overall length 57.4' Parking Pad 1: 65' dia GRVL Parking Pad 2: 48' dia GRVL Parking Pad 3: 48' dia GRVL Parking Pad 4: 48' dia GRVL
COMM **ATF**	 Monitor Val d'Or rdo 11-01Z‡ O/T tfc 122.0 5NM 4300 ASL
PRO	Arr/dep 079º & 249º fr heli, slope 8%

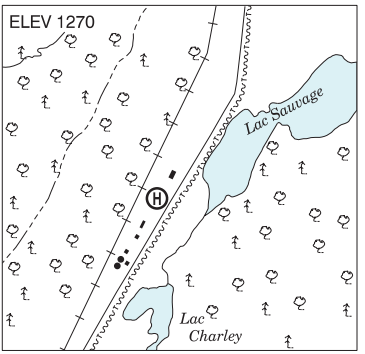
CHIBOUGAMAU / CHAPAIS QC — CYMT



REF	N49 46 19 W74 31 41 10.7SW 16°W (2013) UTC-5(4) Elev 1270´ A5009 LO3 LO7 HI1 CAP
OPR	Ministère des transports et mobilité durable 418-748-2211 ext 5 Cert H24
PF	A-1 C-2 D-3,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	(bil) Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) WxCam TAF 13-01Z‡, issue times: 13, 18Z (DT 12, 18Z).
SERVICES	
FUEL	100LL, JA, HPR 418-748-4429 12-03Z‡ May-Oct, 12-22Z‡ Nov-Apr. 100LL avbl for seaplanes on Lake Ledden 12-22Z‡ May-Oct 1 hr PN.
OIL	W80, W15W50
S	1,2,4,5,6
MIL CON	Avjet Holding Inc. 418-748-4429
RWY DATA	Rwy 04(044°)/22(224°) 6495x148 ASPH
RWY CERT	Rwy 04/22 AGN IIIB
RCR	Opr 1130-0200Z‡ Mon-Fri, 1300-2130Z‡ Sat & Sun O/T 3hrs PN MEDEVAC only ctc Opr CRFI. Win maint 10-03Z‡ Mon-Fri, 10-21Z‡ Sat & Sun for sked flt. PLR
LIGHTING	04-AO(TE ME), 22-AS(TE ME) P2 ARCAL-122.0 type K
COMM	
RCO	(bil) Val d'Or rdo 122.0 (RAAS) 11-01Z‡ Québec rdo 123.375 (FISE) 126.7 (bcst)
MF	Val d'Or rdo 11-01Z‡ O/T tfc 122.0 5NM 4300 ASL (CAR 602.98)
PAL	(bil) Montréal Ctr 127.3
AWOS	126.25 (English) 128.75 (French)
NAV	
NDB	CHIBOO MT 209 (M) N49 47 58 W74 29 43
DME	CHIBOO YMT 112.1 Ch 58 N49 48 00 W74 29 44 (1340´)
CAUTION	Seaplane activity on adjacent lake Ledden. Possibility of wildlife in vic of rwy. Bird activity Apr-May/Sep-Oct. Trees up to 1355 ASL aprx 1149'-2839' bfr Thld 22 and 418'-745' NW extended rwy centreline. Trees up to 1314 ASL aprx 1026' S bfr Thld 04 and 473' NW extended rwy centreline.

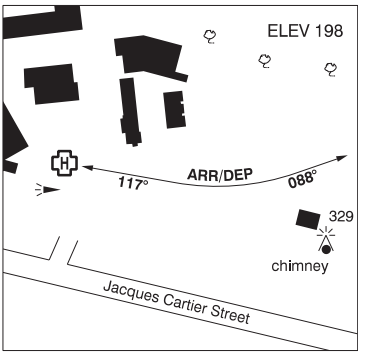
CHIBOUGAMAU (HYDRO-QUÉBEC) QC (Heli) CSE2

REF	N49 53 16 W74 24 01 Adj SW 16°W (2014) UTC-5(4) Elev 1270´ A5009
OPR	Hydro-Québec 418-590-9459 Reg PPR
PF	B-1 D-2,3,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	66´ x 66´
COMM	(bil)
ATF	Monitor Val d'Or rdo 11-01Z‡ O/T tfc 122.0 5NM 4300 ASL
A/G	122.9

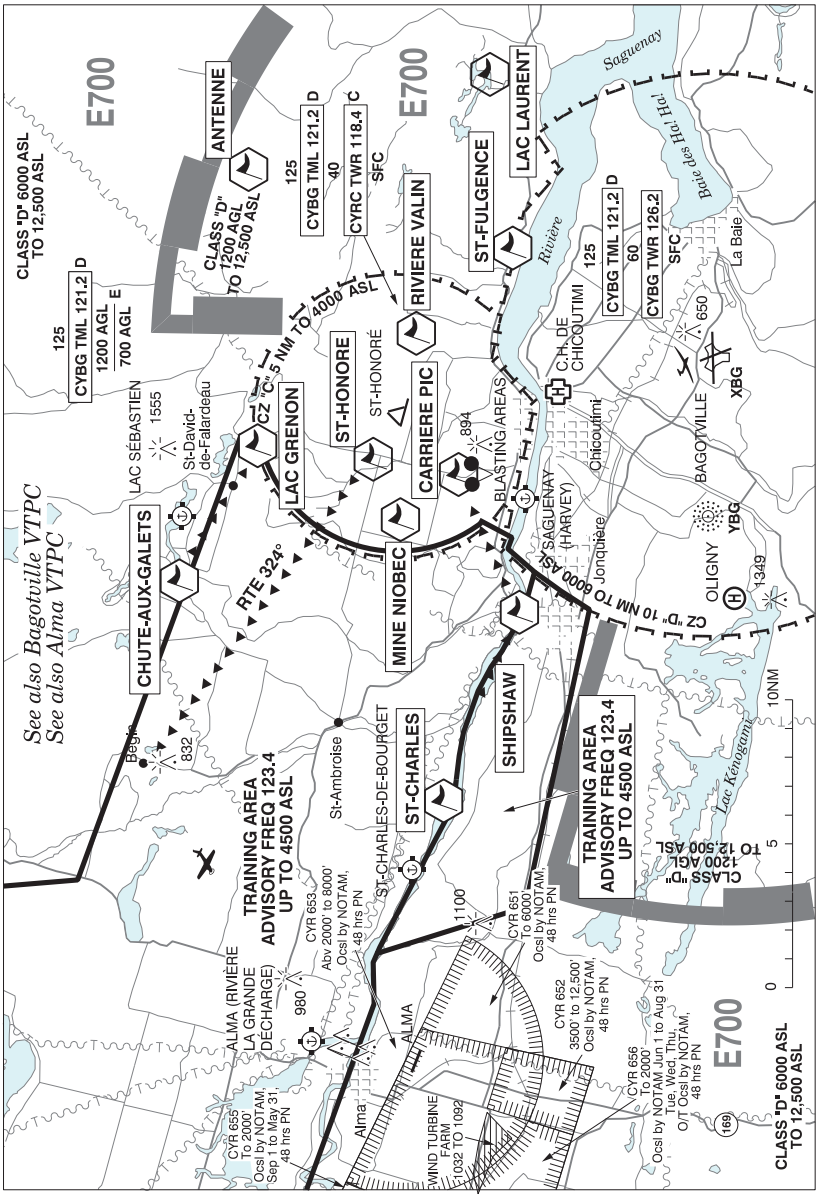


CHICOUTIMI (C. H. DE CHICOUTIMI) QC (Heli) CCS7

REF	N48 25 33 W71 02 52 17°W (2014) UTC-5(4) Elev 198' A5010
OPR	Hôpital de Chicoutimi 418-541-1012 Cert PPR 418-541-1234 ext 2811 prior to tkof, 1 hr prior to arr and 5-10 min before apch.
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO 84' dia ASPH TLOF 24' dia CONC Safety Area 115' Max heli overall length 57.4'
RCR	Opr
LIGHTING	DR(ME) RY(ME) RF RW(ME) O/R Security 418-541-1234 Ext 3401 on Ext 3400 off
COMM	(bil)
ATIS	(English) 124.2 (French) 125.8
TWR	Bagotville 126.2
TML	Bagotville 127.2
PRO	Arr/dep 117°-088° curved fr heli, slope 6% (H3), day/night use.
CAUTION	Obst in transition surface: WDI SSW side.



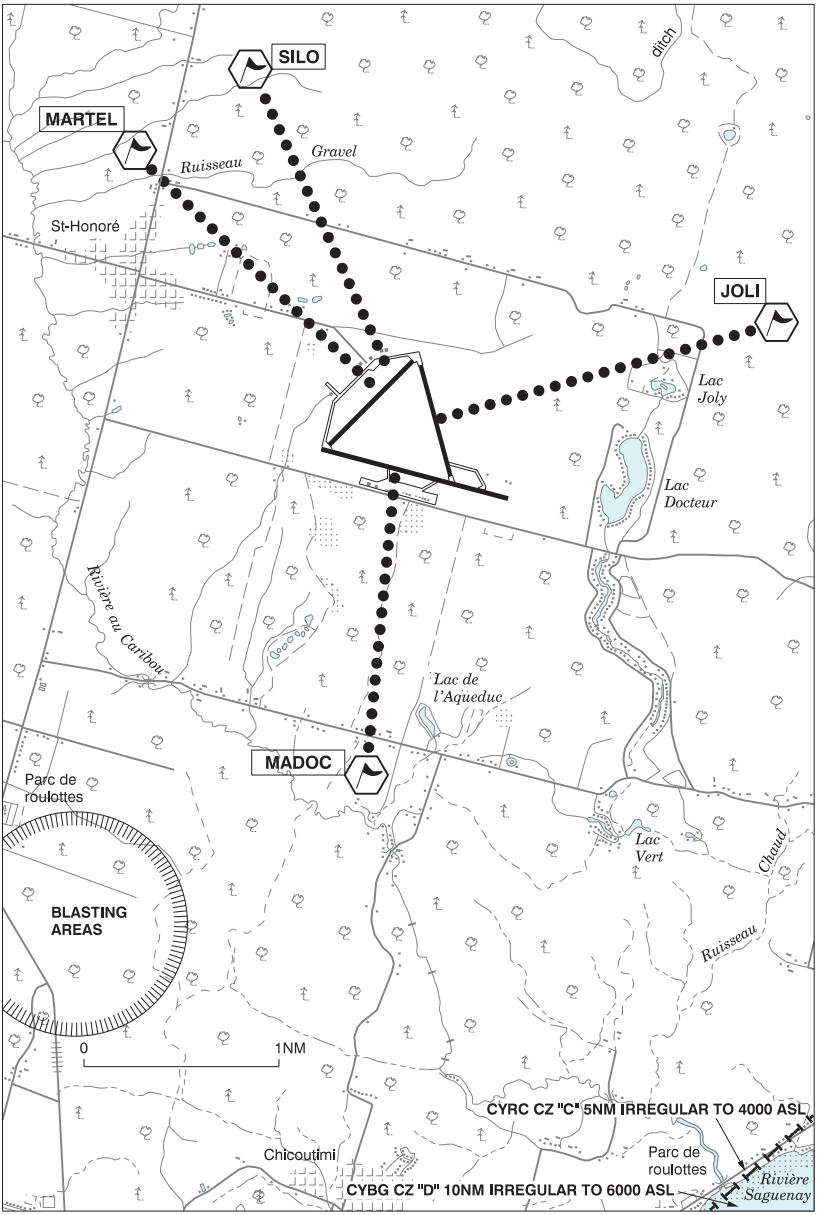
CHICOUTIMI/ST-HONORÉ VFR TERMINAL PROCEDURES CHART



CHICOUTIMI/ST-HONORÉ VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
ANTENNE	VCANT	N48° 36' 04" W070° 49' 44"
CARRIERE PIC	VCARI	N48° 28' 55" W071° 07' 00"
CHUTE-AUX-GALETS	VCGAL	N48° 39' 15" W071° 13' 00"
LAC GRENON	VCGRN	N48° 36' 15" W071° 04' 45"
LAC LAURENT	VCLLR	N48° 28' 00" W070° 44' 40"
MINE NIOBEC	VCBEC	N48° 31' 55" W071° 09' 28"
RIVIERE VALIN	VCVLN	N48° 30' 30" W070° 58' 15"
SHIPSHAW	VCSSZ	N48° 26' 45" W071° 14' 00"
ST-CHARLES	VCSTC	N48° 29' 30" W071° 24' 30"
ST-FULGENCE	VCFUL	N48° 27' 00" W070° 54' 30"
ST-HONORE	VCHON	N48° 32' 00" W071° 05' 30"

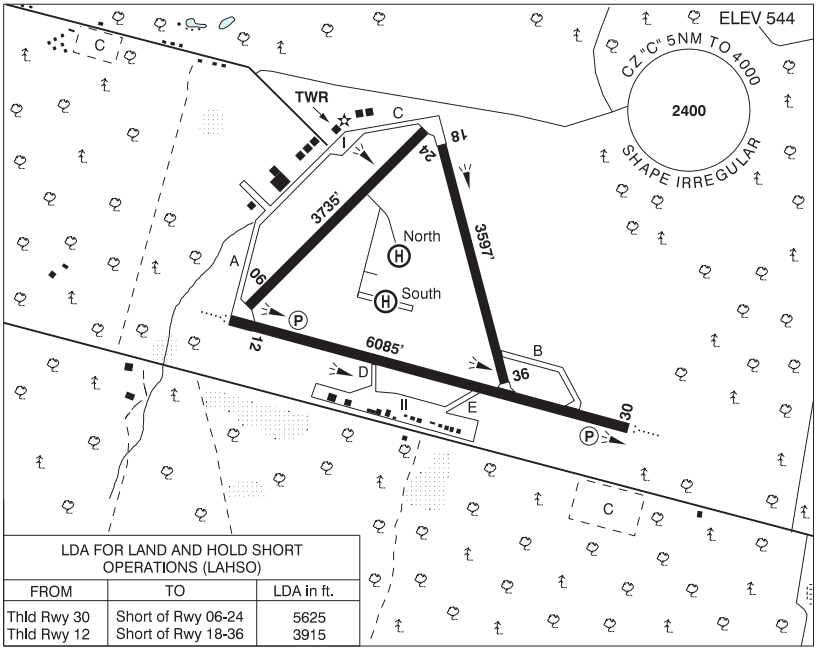
CHICOUTIMI/ST-HONORÉ HELI VFR TERMINAL PROCEDURES CHART



CHICOUTIMI/ST-HONORÉ HELI VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
JOLI	VCJOL	N48° 31' 47" W071° 00' 19"
MADOC	VCMDC	N48° 29' 20" W071° 03' 31"
MARTEL	VCMTL	N48° 32' 39" W071° 05' 16"
SILO	VCSLO	N48° 33' 04" W071° 04' 22"

CHICOUTIMI / ST-HONORÉ QC CYRC



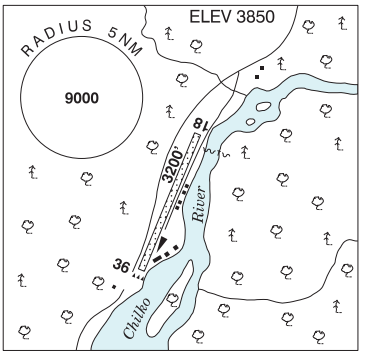
REF	N48 31 15 W71 03 02 1.5ESE 17°W (2013) UTC-5(4) Elev 544' A5010 LO7 HI5 HI6 CAP
OPR	Transports Québec 418-673-4245 (Administration), 418-812-4524 (Maint) Cert
PF	B-1,2,7 D-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	LWIS H24 LAWO 1300-0130Z‡; 13-03Z‡ Mon-Fri 1300-0130Z‡ Sat-Sun Oct 15-Nov 16 and Feb 15-Mar 2. WxCam

CHICOUTIMI / ST-HONORÉ QC (Cont'd) CYRC

SERVICES	
FUEL	100LL, JA
OIL	All
S	1,2,3,4,5,6,7
PVT ADV	Exact Air/Petro T 129.15 418-673-3522; AirMédic 13-22Z‡ 418-673-3838 O/T 418-718-5648 call out chgs.
RWY DATA	Rwy 12(122°)/30(302°) 6085x150 ASPH Rwy 06(062°)/24(242°) 3735x148 ASPH Rwy 18(182°)/36(002°) 3597x148 ASPH Poor drainage may cause hydroplaning.
RWY CERT	Rwy 12/30 AGN IIIB Rwy 06/24 AGN II Rwy 18/36 AGN II
RCR	Opr 12-03Z‡ Mon-Fri 12-24Z‡ Sat-Sun CRFI Rwy 06/24 no win maint.
HELI DATA	North: TLOF 65' x 65' ASPH South: TLOF 65' x 820' ASPH
LIGHTING	12-AO(TE ME) P2, 30-AO(TE ME) P2, 18-(TE ME), 36-(TE ME) ARCAL-118.4 type K
COMM	(bil)
ATIS	(English) 134.8 418-673-3013; (French) 124.95 418-673-4326
CLNC DEL	Prior to dep pilots must ctc Bagotville Tml for IFR clnc at 888-813-8508 when TWR clsd.
GND	St-Honoré 121.9 1300-0130Z‡; 13-03Z‡ Mon-Fri 1300-0130Z‡ Sat-Sun Oct 15-Nov 16 and Feb 15-Mar 2.
TWR	St-Honoré 118.4 (V) 1300-0130Z‡; 13-03Z‡ Mon-Fri 1300-0130Z‡ Sat-Sun Oct 15-Nov 16 and Feb 15-Mar 2. (emerg only 418-673-4353)
ATF	tfc 118.4 0130-1300Z‡; 03-13Z‡ Mon-Fri 0130-1300Z‡ Sat-Sun Oct 15-Nov 16 and Feb 15-Mar 2. 5NM shape irregular 4000 ASL
TML	Bagotville 127.2 227.6
VFR ADV	Bagotville Tml 121.2
PRO	**Itinerant tfc: See Bagotville VTPC.** **Training zone:** Arrival & departure tracks see VTPC. Arrivals: Single engine: Minimum alt 2000 ASL. Helicopters: Maximum alt 1000 ASL within 2.5NM of A/D. (see Heli VTPC). Others: Minimum alt 2500 ASL. Right hand circuits runways 06, 12 and 36 (CAR 602.96)
HELI	**Arrivals & departures:** Maximum alt 1000 ASL btwn A/D & checkpoints. **Departures:** All heli must ctc gnd ctl. **Checkpoints:** JOLI (2NM E) arr/dep hdg 274°/094°. MARTEL (2NM NW) arr/dep hdg 154°/334°. MADOC (1.4NM SW) arr/dep hdg 024°/204°. SILO (2NM N) arr/dep hdg 169°/349°. **HELIPAD RESTRICTIONS:** North and South helipads avbl only with written authorization from Opr (CAR 602.96 (3)(d)). North and South helipads avbl only during TWR hr of ops (CAR 602.96 (3)(d)).
CAUTION	**Training:** Hvy tng W of the aprt fr W bdry of CZ to St-Augustin (freq 123.4). **Blasting:** Blasting area 0.54NM radius N48 28 38 W071 06 46 (aprx 3.6NM SW A/D) sfc to 3800 ASL. Blasting area 0.54NM radius N48 28 41 W071 05 41 (aprx 3.1NM SW A/D) sfc to 3800 ASL.

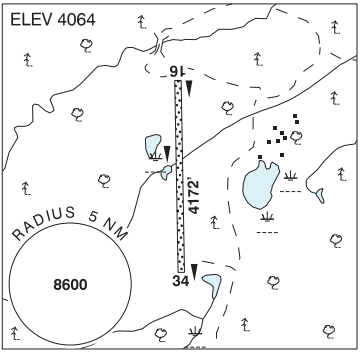
CHILKO LAKE (TSYLOS PARK LODGE) BC — CAG3

REF	N51 37 34 W124 08 31 18°E (2013) UTC-8(7) Elev 3850´ A5004
OPR	Tsylos Park Lodge & Adventures Inc. 250-483-4368 Reg PPR Ldg fees
PF	B-1,2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	4,5 Prkg fees
RWY DATA	Rwy 18/36 3200x50 GRVL Rwy 36 up 2%
RCR	Opr Rwy soft when wet. Clsd Nov 1-May 1.
COMM	
ATF	UNICOM 122.8 5NM 6900 ASL
CAUTION	Steep hill immediately N of A/D. Wild animals & livestock may stray on to rwy. Chilko Lake (Wilderness Lodge) A/D 2.4NM NNW.



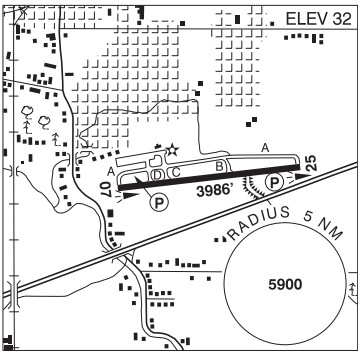
CHILKO LAKE (WILDERNESS LODGE) BC — CCL6

REF	N51 39 57 W124 08 40 17°E (2022) UTC-8(7) Elev 4064' A5004 LO2 RCAP
OPR	Chilko Lake Air Services 604-356-6691 or 602-663-7021 Reg PN Clsd Nov 1-May 1
PF	C-1,2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 604-262-4274 ltd hrs (see COMM) 2.4NM SE
SERVICES	
S	4
RWY DATA	Rwy 16(162°)/34(342°) 4172x40 GRVL
RCR	Opr No win maint
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 7100 ASL
CAUTION	Chilko Lake (Tsylos Park Lodge) A/D 2.4NM SSE. Wildlife in vic.



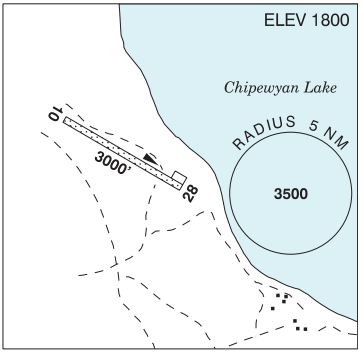
CHILLIWACK BC — CYCW

REF	N49 09 12 W121 56 21 Adj S 17°E (2012) UTC-8(7) Elev 32´ VTA A5004 LO2 T1
OPR	Magnum Management Inc 604-792-3430 Cert
PF	A-2 (15-03Z‡),7 C-3,4,5,6 (17-01Z‡)
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM)
SERVICES	
FUEL	100LL, JA (Cardlock) JA-1 (by truck) 604-991-0078 1430-2330Z‡ Mon-Fri exc hols, O/T call out chg
S	1,2,3,4,5,6
RWY DATA	Rwy 07(066°)/25(246°) 3986x75 ASPH Depression in rwy aprx 1000´ fr Thld 25.
RWY CERT	Rwy 07/25 AGN II
RCR	Opr Ltd win maint. PLR
LIGHTING	07-(TE ME) AP, 25-(TE ME) AP ARCAL-122.7 type K
COMM	
MF	tfc 122.7 3NM 2000 ASL (CAR 602.98)
AUTO	122.975
PRO	Rgt hand circuits Rwy 07 (CAR 602.96). Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia. Tkof and ldg in grass area adj rwy by fixed-wing acft not auth.



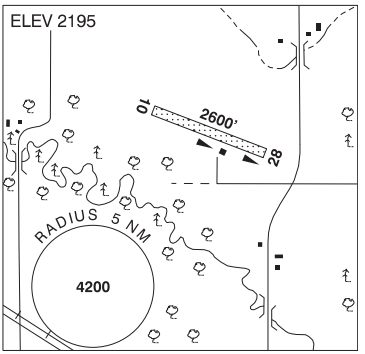
CHIPEWYAN LAKE AB — CEG5

REF	N56 57 09 W113 29 44 3.5NE 16°E (2012) UTC-7(6) Elev 1800´ A5023
OPR	Muni District #17 780-891-8261/8231 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10(103°)/28(283°) 3000x100 GRASS
RCR	Opr Ltd maint
COMM	
ATF	tfc 123.2 5NM 4800 ASL



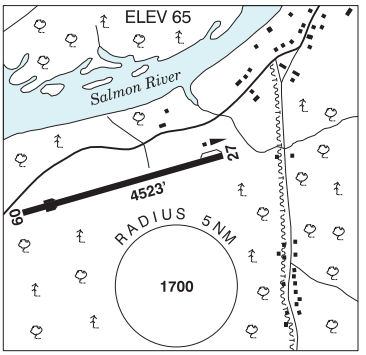
CHIPMAN AB CFU3

REF	N53 43 W112 38 1.1N 15°E (2012) UTC-7(6) Elev 2195´ VTA A5015
OPR	Edmonton Soaring Club 780-363-3860 Reg
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10/28 2600x450 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.4 5NM 5200 ASL
CAUTION	Glider activity 5NM radius to 9500' sum months, peak periods wknds, hols & evenings. Activity not ltd to CYA202.

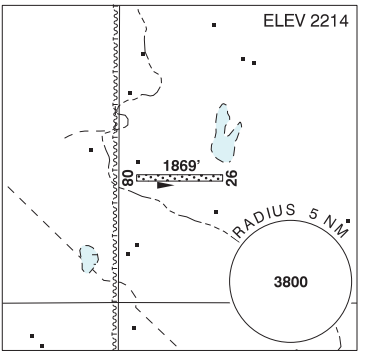


CHIPMAN NB CCS4

REF	N46 08 54 W65 54 18 2SW 18°W (2014) UTC-4(3) Elev 65' A5003 LO8 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	D-1,2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 09(090°)/27(270°) 4523x70 ASPH
RCR	Opr Fld maint May-Oct No win maint.
COMM	
ATF	tfc 123.2 5NM 3100 ASL

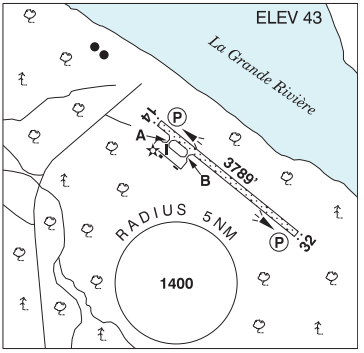


CHIPMAN / M.Y. AIRFIELD AB — CMY2



REF	N53 38 11 W112 36 03 3.9SSE 14°E (2017) UTC-7(6) Elev 2214' VTA A5015
OPR	Mark Yashchyshyn 780-913-3970 Reg PPR
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08(076°)/26(256°) 1869x65 GRASS
RCR	Opr Ltd maint, cond subject to seasonal and/or climatic variations. Soft in spring.
COMM	
ATF	tfc 123.4 2NM 5300 ASL
CAUTION	A/D underlies CYA202(S) up to 9500 ASL, ocsl by NOTAM. Glider activity in vic, monitor 123.4. Chipman A/D 5NM NNW. Marked p-lines W of rwy.

CHISASIBI QC — CSU2



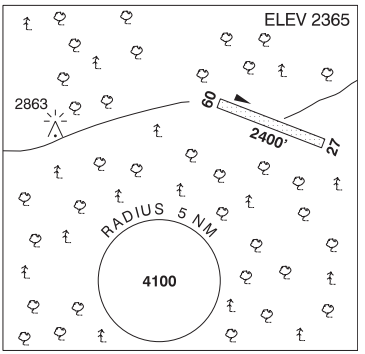
REF	N53 48 21 W78 55 01 1.7NW 15°W (2013) UTC-5(4) Elev 43´ A5018 LO3 CAP
OPR	Nation Cri de Chisasibi 819-855-2665 or 819-855-6670 Cert
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO H24 (see COMM)
RWY DATA	Rwy 14(144°)/32(324°) 3789x100 GRVL
RWY CERT	Rwy 14/32 AGN IIIA
RCR	APM 819-855-2665 13-22Z‡ O/T 3hrs PN
LIGHTING	14-AS(TE ME) P1, 32-AS(TE ME) P1 ARCAL-123.2 type K
COMM	
RCO	Quebec rdo (La Grande) 123.375 (FISE) 126.7 (bcst)
MF	tfc 123.2 15NM 3100 ASL (CAR 602.98)
AUTO	122.175

CHRISTIANSEN FIELD AB — see CALGARY / CHRISTIANSEN FIELD

CHRISTINA BASIN AB

CFF2

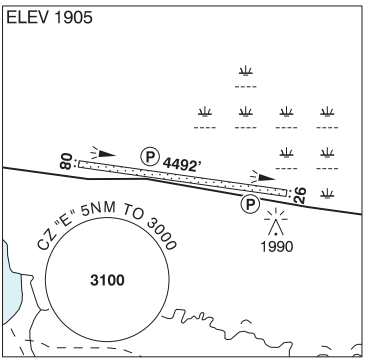
REF	N55 35 24 W111 49 23 15°E (2012) UTC-7(6) Elev 2365′ A5015
OPR	Alberta Sustainable Resource Development, Forest Protection Division Lac La Biche 780-623-5389 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 09/27 2400x100 GRVL
RCR	Opr Ltd maint. No win maint.
COMM	
ATF	tfc 123.2 5NM 5400 ASL



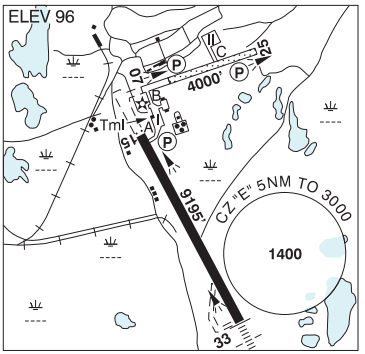
CHRISTINA LAKE AB

CCL3

REF	N55 37 42 W110 44 59 14°E (2012) UTC-7(6) Elev 1905' A5015 LO1 RCAP
OPR	MEG Energy Corp 403-212-8771 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO (see COMM)
SERVICES	
FUEL	JA
SUP FL	D-Ice
RWY DATA	Rwy 08(083°)/26(263°) 4492x75 gravel
RCR	403-473-2018 15-24Z‡ Mon-Sun. Ltd win maint.
LIGHTING	08-AS(TE ME) P1, 26-AS(TE ME) P1 ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 3000 ASL (see PRO - South Oil Sands Area ATF)
PAL	Edmonton Ctr 133.725 (Conklin)
AUTO	122.275
PRO	South Oil Sands Area ATF 123.025. See Conklin VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Wildlife in vic of rwy. Acft may be parked at west end near thld of Rwy 08 within 56' of rwy centre line. Manoeuvring area shoulders soft.



CHURCHILL MB — CYYQ

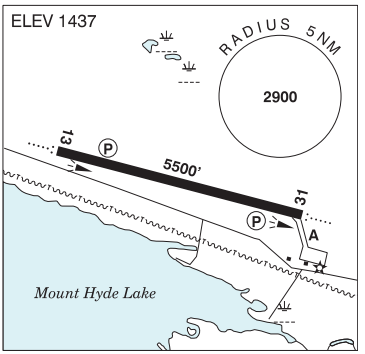


REF	N58 44 26 W94 04 00 3ESE 2°W (2013) UTC-6(5) Elev 96´ A5024 A5025 LO3 LO5 HI2 CAP
OPR	TC 204-675-2090 Fax 204-675-2523 1400-2230Z‡ Mon-Fri Cert Ldg fees (jet and turboprop acft only), Tml fees
PF	C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	Call out chg.
FUEL	JA-1, HPR 14-22Z‡ Mon-Fri, 15-22Z‡ Sat-Sun, O/T 30 min PN 204-675-2063
S	2 1 hr PN 204-675-2086, 4, 5,6
SUP FL	D & A- ice 14-22Z‡ Mon-Fri, 15-22Z‡ Sat-Sun 1 hr PN 204-675-2063
JASU	Elec Start 10/15
PVT ADV	Exchange Petroleum 14-22Z‡ Mon-Fri, 15-22Z‡ Sat-Sun 204-675-2542 O/T 204-675-2063.
RWY DATA	Rwy 15(155°)/33(335°) 9195x160 ASPH Rwy 15 down 0.33%, Rwy 33 up 0.34% Rwy 07(074°)/25(254°) 4000x100 GRVL
RWY CERT	Rwy 15/33 AGN IIIB Rwy 07/25 AGN IIIA
TWY CERT	Twy B AGN IIIA
APRON	Prkg fees
RCR	Opr Win maint Oct 15-May 15 1400-2230Z‡ Mon-Fri exc hols, O/T 2 hr PN 204-675-0057 call out chg. CRFI, PLR/PCN
LIGHTING	07-(TE ME) P2, 15-AS(TE HI) P2, 25-(TE ME) P2, 33-AN(TE HI)
COMM	
RADIO	126.9 (V) (emerg only 204-675-2524)
RCO	Edmonton rdo 123.275 (FISE) 126.7 (bcst)
MF	rdo 126.9 5NM 3100 ASL (CAR 602.98)
PAL	Winnipeg Ctr 134.6
NAV	
VOR/DME	YYQ 114.1 Ch 88 N58 44 30 W94 08 07 (51')
DME	IYQ 110.3 Ch 40 N58 44 53 W94 04 54 (115')
ILS	IYQ 110.3 (Rwy 33) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 07 & 15 (CAR 602.96).
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1345Z & 2315Z-0145Z. Extv bird activity May-Sep. Comm twr at N58 44 16 W93 49 09 (7.4NM E A/D) 269 ASL 175 AGL, unlgtd Jan 1-Apr 1.

CHURCHILL FALLS NL

CZUM

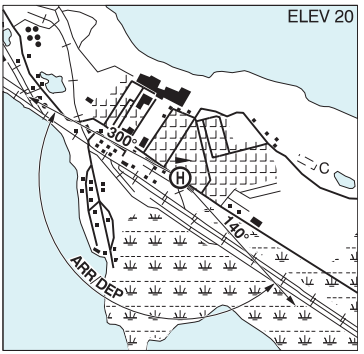
REF	N53 33 45 W64 06 21 4NW 20°W (2021) UTC-4(3) Elev 1437' A5020 LO7 HI1 CAP
OPR	Churchill Falls (Labrador) Corp 709-925-3405 1230-1600Z‡, 1700-2030Z‡ Mon-Fri exc hols, O/T 3 hr PN, call out chg may be levied. Cert Ldg fees
PF	A-1 C-2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 02, 08, 14, 20Z.



SERVICES	PN for svcs. Ramp and other fac svc fees may apply.
FUEL	JA-1 12-16Z‡, 17-21Z‡ Mon-Fri; Sat, Sun & hols call 709-925-8280. Call out chg and fuel hook up fee will be levied.
S	5
RWY DATA	Rwy 13(124°)/31(304°) 5500x148 ASPH
RWY CERT	Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN IV
RCR	Opr 1230-1600Z‡, 1700-2030Z‡ Mon-Fri exc hols O/T 3 hrs PN, call out chg may apply. Ltd win maint, PLR/PCN
LIGHTING	13-AO(TE ME) P2, 31-AO(TE ME) P2 ARCAL-123.5 type K
COMM	
RCO	London rdo 123.25 (FISE) 126.7 (bcst)
ATF	tfc 123.5 5NM 4400 ASL
PAL	Gander Ctr 126.025
AWOS	118.95
CAUTION	Migratory bird activity in vic of aprt spring and win. Ocsl standing water on rwy. Extv heli activity in vic.

CHURCHILL (HUDSON BAY HELICOPTERS) MB (Heli) CHB2

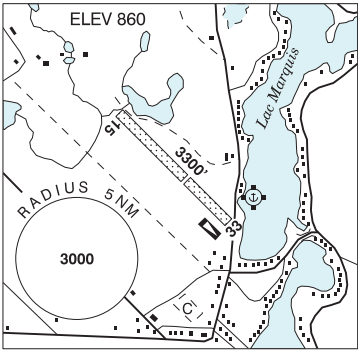
REF	N58 45 59 W94 10 04 2°W (2015) UTC-6(5) Elev 20' A5025
OPR	Hudson Bay Helicopters 204-675-2576 Cert PPR
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 85' dia GRASS Safety Area 100' dia 6500 lbs Rstd to EC30, B407 Parking Pads 1-5: 52' dia CONC 6500 lbs Rstd to EC30, B407



COMM **MF**	Churchill rdo 126.9 5NM centred on Churchill land A/D 3.6NM SE 3100 ASL (CAR 602.98)
PRO	Arr/dep 140° to 300° fr heli, slope 6% (H3), day use only.
CAUTION	SVFR rte-intensive activity (not to exceed 400' within the CZ)

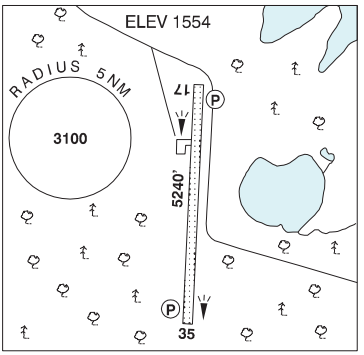
CHUTE-ST-PHILIPPE QC CCP3

REF	N46 39 40 W75 14 42 Adj N 15°W UTC-5(4) Elev 860´ A5002
OPR	Yves Sigouin 819-425-4017, 819-585-2824 Reg PPR
PF	C-1,2,3
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL
RWY DATA **RCR**	Rwy 15/33 3300x125 GRVL/GRASS/SNOW Thld 33 displ 1250´. Opr No win maint. Ski ops.
COMM **ATF**	tfc 123.2 5NM 3900 ASL
CAUTION	P-line 50´ fr Thld Rwy 33.



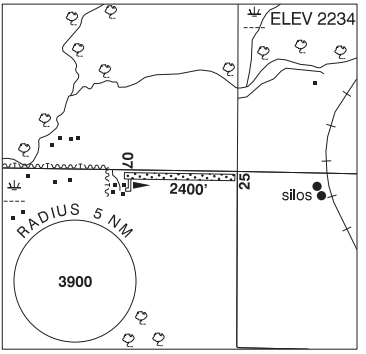
CIGAR LAKE SK — CJW7

REF	N58 03 11 W104 29 04 1SE 9°E (2013) UTC-6 Elev 1554´ A5024 LO1 HI2 CAP
OPR	Cameco Corp 306-956-6502 O/T 306-222-9698 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	AUTO (see COMM) ALTIMETER/WIND ltd hrs (see COMM)
RWY DATA	Rwy 17(175°)/35(355°) 5240x110 GRVL Rwy 35 up 0.3% AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	17-(TE LO) AP, 35-(TE LO) AP ARCAL-123.3 type J
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 123.3 5NM 4600 ASL.
A/G	Cameco dispatch 122.875 call sign 64 Cigar Lake
AUTO	122.975
CAUTION	Lgtd twrs 2060 ASL (410 AGL) 2.7NM SE and 1832 ASL (191 AGL) 1.9NM WNW of A/D.



CLAIRMONT / MEYER'S AIRSTRIP AB — CMY3

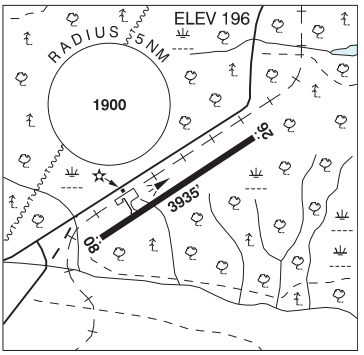
REF	N55 17 12 W118 49 36 2.9NW 17°E (2021) UTC-7(6) Elev 2234´ A5014
OPR	Arnie & Susan Meyer 780-832-9750, 780-567-2495 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07/25 2400x60 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 5300 ASL excluding Grande Prairie CZ
CAUTION	Marked p-lines W of thld Rwy 07. Small trees 50' N of rwy ctr line. Obstacles and rising terrain to E 2337 ASL (103 AAE).



CLANAECHAN AB — See BEAVERLODGE / CLANAECHAN

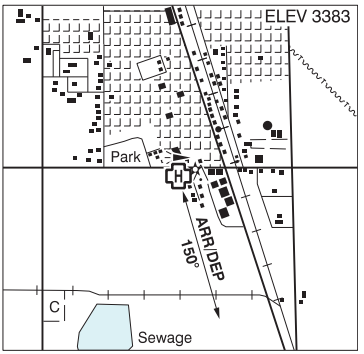
CLARENVILLE NL — CCZ3

REF	N48 16 29 W53 55 26 7.5N 19°W (2013) UTC-3½(2½) Elev 196´ A5012 LO8 CAP
OPR	Govt of Newfoundland & Labrador 709-466-4132 or 709-256-1048 Reg
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 08(077°)/26(257°) 3935x75 ASPH Rwy 26 down 0.58% AGN II
RCR	Dept of Highways 709-466-4120 Ltd win maint PN
LIGHTING	08-AS(TE ME), 26-AS(TE ME) ARCAL-122.8 type K key mic 7 times for RILS.
COMM	
ATF	tfc 123.2 5NM 3200 ASL
CAUTION	Rwy maybe clsd wknds fr May to Nov by NOTAM.



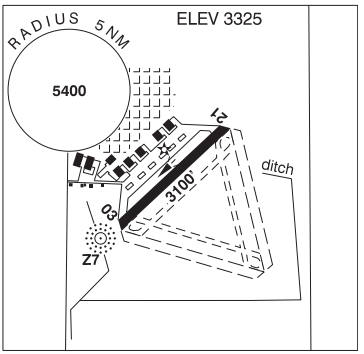
CLARESHOLM (GEN HOSP) AB (Heli) — CFV7

REF	N50 01 06 W113 34 59 14°E (2014) UTC-7(6) Elev 3383´ A5005
OPR	Alberta Health Services 403-682-3700 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' x 64' GRASS TLOF 30' x 30' CONC Safety Area 90' x 90' Max heli overall length 44.8' (CAR 602.96)
LIGHTING	RW(ME) yellow PN
COMM	
ATF	Claresholm UNICOM ltd hrs O/T tfc 123.0 5NM centred on Claresholm A/D 2NM SW 6300 ASL
PAL	Edmonton Centre 132.75
PRO	Arr/dep 150° fr heli, slope 16% (H2), NVIS rqrd for night use (CAR 602.96)
CAUTION	Lgtd twr 68 AGL adj NE. Trees up to 55 AGL under flt path 500' S of heli.



CLARESHOLM INDUSTRIAL AB — CEJ4

REF	N50 00 17 W113 37 48 2.5SW 14°E (2016) UTC-7(6) Elev 3325´ A5005 LO2
OPR	Muni District of Willow Creek 403-625-3351 Reg
PF	C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Frame Aviation 403-625-3782
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 03(029°)/21(209°) 3100x100 ASPH
RCR	Opr Ltd maint
LIGHTING	03-(TE ME), 21-(TE ME) ARCAL-123.0 type K. Twys & ramps reflective markers only.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 6400 ASL
NAV	
NDB	Z7 408 (M) N50 00 10 W113 38 13 Pvt Unmonitored



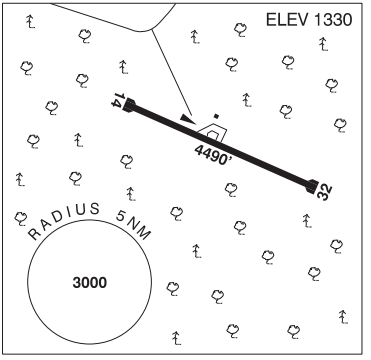
CLAYTON AIR 1 SK — See MARCELIN / CLAYTON AIR 1

CLAYTON AIR 2 SK — See KELVINGTON / CLAYTON AIR 2

CLAYTON AIR 3 SK — See STENEN / CLAYTON AIR 3

CLEARWATER NB — CDJ4

REF	N46 42 49 W66 49 45 18°W (2013) UTC-4(3) Elev 1330´ A5003 LO8 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	WxCam
RWY DATA	Rwy 14(134°)/32(314°) 4490x75 ASPH Rwy 14 up 1.08% Rwy 32 down 0.91%
RCR	Opr Fld maint May-Oct. No win maint.

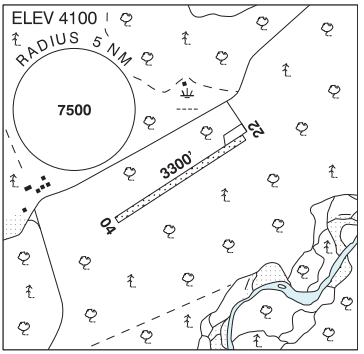


CLEARWATER NB (Cont'd) CDJ4

COMM	
ATF	tfc 123.2 5NM 4300 ASL

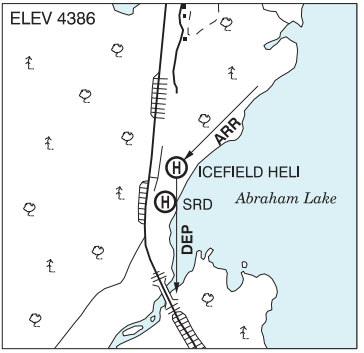
CLEARWATER RIVER AB CFS8

REF	N51 59 17 W115 13 42 16°E (2012) UTC-7(6) Elev 4100´ A5005
OPR	Olds-Didsbury Flying Association 403-335-2380/8760 Reg PPR
PF	C-1,2
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 04(041°)/22(221°) 3300x75 GRASS
RCR	Opr No win maint. Ltd Sum maint
COMM	
ATF	tfc 123.2 5NM 7100 ASL
CAUTION	Deer, elk or moose may be on rwy.

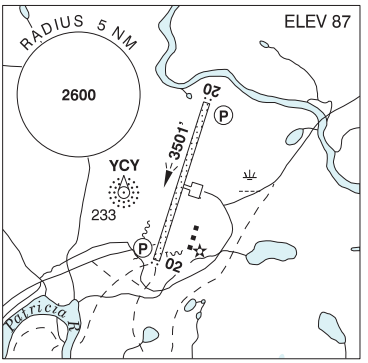


CLINE RIVER AB (Heli) CCR5

REF	N52 10 44 W116 28 45 Adj 16°E (2014) UTC-7(6) Elev 4386´ A5014
OPR	Rockies Heli Tours Canada 403-721-2100 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	JA-1 PPR
HELI DATA	200´ x 600´
COMM	
ATF	UNICOM 122.8 5NM 7400 ASL
PRO	Arr fr NE, dep to S. Avoid flying over built-up area. Erratic winds, apch fr N & W not recommended.
CAUTION	Rising terrain to E. Vehicle access along W side. Strong prevailing winds fr SW. Hi density heli tfc.



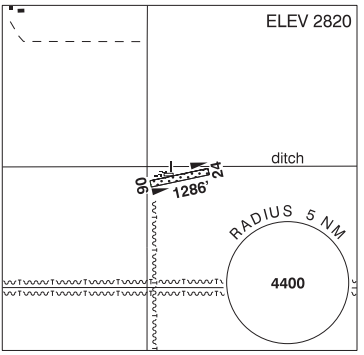
CLYDE RIVER NU — CYCY



REF	N70 29 09 W68 31 01 2.2NE 34°W (2020) UTC-5(4) Elev 87´ A5044 LO9 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-924-6344 ltd hrs (see COMM)
WX	METAR dur CARS hrs O/T METAR AUTO (see COMM). WxCam TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	
FUEL	JA-1 867-924- 6506/6681 14-23Z‡ Mon-Fri exc hols O/T call out chg PN. Cash only. Credit by prior arng 867-645-8400, allow 7 working days.
S	6
RWY DATA	Rwy 02(018°T)/20(198°T) 3501x100 GRVL
RWY CERT	Rwy 02/20 AGN IIIA
RCR	Maint contractor 867-924-6344 A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	02-AS(TE ME) AP, 20-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon & Wed, 15-24Z‡ Tue, Thu & Fri, 14-23Z‡ Sat, 11-20Z‡ Sun, exc federal observed hols
AWOS	124.6
NAV	
NDB	YCY 256 (M) N70 29 07 W68 31 37
CAUTION	Unlgtd hydro poles aprx 40 AGL (120 ASL) both sides of rwy btwn 02 thld & vehicle parking area. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5' outside rwy edge). Old apron rstd to vehicle prkg only. Tails of large acft parked within 30' of western apron edge penetrate transitional sfc. Blasting ops 330' radius N70 28 05 W068 31 44 (aprx 1.1NM SSW of A/D) sfc to 98 AGL (197 ASL). Extv migratory bird activity May-Oct.

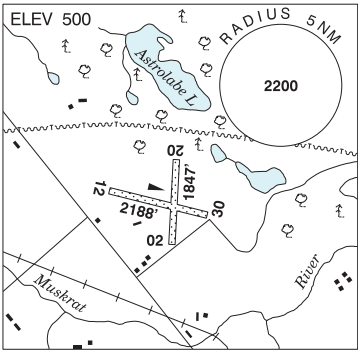
COALDALE (REDNEK AIR) AB — CRD2

REF	N49 49 18 W112 31 50 7NE 14°E (2015) UTC-7(6) Elev 2820' A5005
OPR	Larry Oddan 403-331-9228 Fax 403-345-2423 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	FIC Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100 LL, Mogas 2 hrs PN 15W50, 20W50 2 hrs PN 2,5
RWY DATA RCR	Rwy 06(064°)/24(244°) 1286x45 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 5900 ASL
CAUTION	P-line aprx 200' S of Thld 06 50 AGL. Marked P-line aprx 0.5NM S Thld 06 150 AGL. Canal N Thld 24. Road W Thld 06.



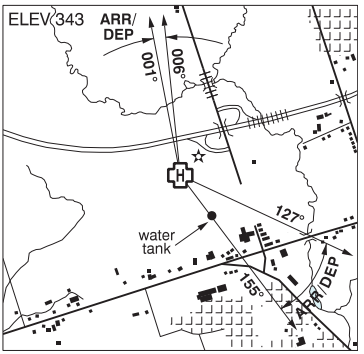
COBDEN / BRUCE McPHAIL MEM ON — CPF4

REF	N45 35 43 W76 50 03 2.4SE 13°W UTC-5(4) Elev 500´ A1905 A5000
OPR	Champlain Flying Club 613-963-9669 or 613-687-8194 Reg
PF	C-1,2,5,7 D-3,4,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(117°)/30(297°) 2188x75 GRASS Rwy 02(016°)/20(196°) 1847x75 GRASS Opr No win maint
COMM ATF	 tfc 123.2 5NM 3500 ASL
CAUTION	Trees to 40 AGL 200' short of Rwy 30; 400' short of Rwy 12 and 125' short of Rwy 02. 5' berm at Thld Rwy 20.



COBOURG (NORTHUMBERLAND HILLS HOSP) ON (Heli) CNB4

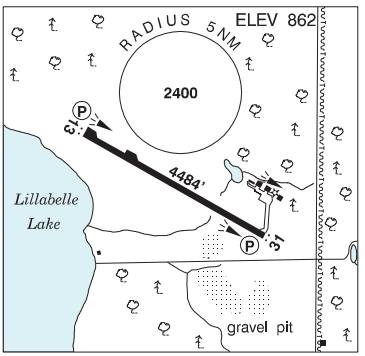
REF	N43 58 38 W78 12 00 Adj NW 12°W UTC-5(4) Elev 343´ A5000
OPR	Northumberland Hills Hosp 905-372-6811 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia CONC/ASPH Safety Area 114' dia Max heli length 57' Opr
LIGHTING	RY(LO) RF(FH) Perimeter lights green



PRO	Arr/dep btwn 001°-006° & 127°-155° fr heli, slope 8% (H3), day/night use.
CAUTION	Water twr 516 ASL aprx 1000´ SSE & P-lines 200´ S of heli E-W alignment.

COCHRANE ON CYCN

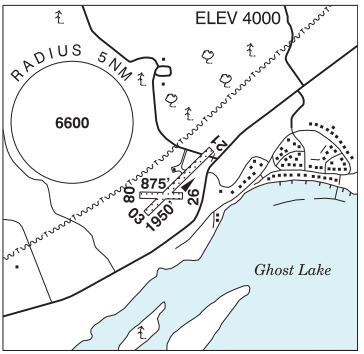
REF	N49 06 24 W81 00 55 2N 11°W (2015) UTC-5(4) Elev 862´ A5009 LO4 LO7 CAP
OPR	Town 705-272-6500 Reg
PF	B-1 C-2,3,4,5 D-6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	Toronto IFR 888-217-1241 or 905-676-4590
WX	AUTO (see COMM)
SERVICES **FUEL**	100LL, JA-1 avbl 1200-2030Z‡ Mon-Fri O/T call out chg may be levied 705-272-6500
OIL	100
S	1



RWY DATA **RCR**	Rwy 13(131°)/31(311°) 4484x100 ASPH Rwy 13 up 0.49% Aprt 705-272-6500
LIGHTING	13-AS(TE ME) P1, 31-AS(TE ME) P1 ARCAL-122.8 type K
COMM **ATF** **AUTO**	tfc 122.8 5NM 3900 ASL 122.55
PRO	Seaplane ops N & S ends Lillabelle Lake.

COCHRANE / ARKAYLA SPRINGS AB — CKY8

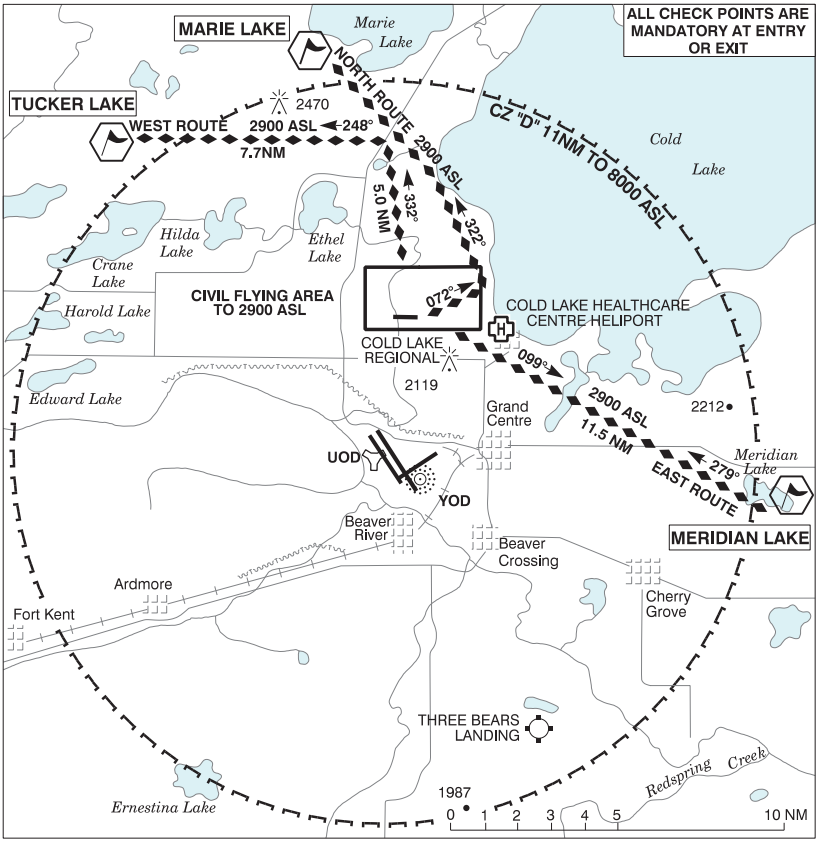
REF	N51 12 17 W114 46 28 11.5W 15°E (2015) UTC-7(6) Elev 4000´ VTA A5005
OPR	Rod Keller 403-881-2400 Reg PPR Ldg fees
PF	D-1,2,3,4,5,6
FLT PLN **FIC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 03(031°)/21(211°) 1950x45 GRASS Rwy 08(077°)/26(257°) 875x45 GRASS
RCR	Opr Ltd maint
COMM **ATF**	 tfc 123.2 5NM 7000 ASL
PRO	No tng flts or apchs.
CAUTION	Sprinklers on rwy.



CODESA SOUTH AB — See EAGLESHAM / CODESA SOUTH

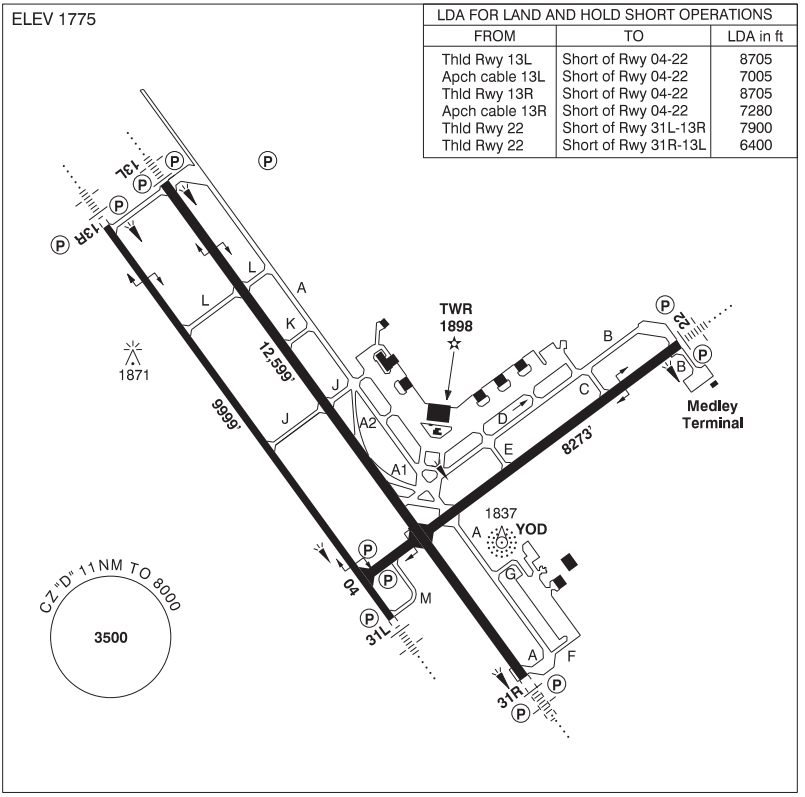
COGHLIN ON — See ATWOOD / COGHLIN

COLD LAKE / GROUP CAPTAIN R.W. MCNAIR VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
MARIE LAKE	VCMRI	N54° 36' 06" W110° 22' 25"
MERIDIAN LAKE	VCMLE	N54° 22' 58" W109° 57' 02"
TUCKER LAKE	VCTUK	N54° 33' 12" W110° 32' 04"

COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB — CYOD



REF	N54 24 19 W110 16 56 5.5SW 13°E (2022) UTC-7(6) Elev 1775' A5015 LO1 HI3 CAP
OPR	DND 780-840-8000 NTAS 531-8011 CSN 319-690-8000/8011 Mil PPR
PF	B-1 C-2,3,5,6 D-4
CUST	AOE/M Mil acft and personnel ONLY - Avbl thru Mil Police.
FLT PLN	PPR 24 hr ntc all mil & civ flts ctc 780-840-8000 Ext 8595, CSN 319-690-8595. Flt Pln Ctr must be notified of arr delays in excess of 1 hr.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 06, 12 & 18Z (plus 15 and 21Z dur mil flt ops). Met brief for mil only. Lcl Met Section CSN 690-7425/8130. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM)

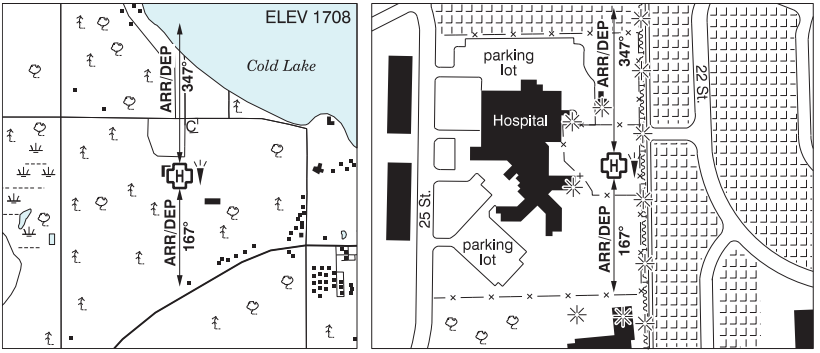
COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB (Cont'd) CYOD

SERVICES	All tran acft require PPR thru 4 Wg Ops 780-840-8000 ext 8595. Mil and Civ tran svcg avbl 06-18 hrs lcl Mon-Fri exc hols. O/T by special arng. Prior coord required for hg space with 4 Wg Ops. Access to Medley Terminal after hours is provided through MP Section 780-840-8000 ext 8180. Acft start & refuelling with aircrew supervision exc for B412. Ltd Mil Type I D-ice. 90 min PN Info 780-840-8000 ext 8595.
FUEL	F-34, SP, HPR
OIL	133, 148, 156
S	1 (ltd),6
ARFF	CAT 5
SUP FL	D-Ice mil use only, Type I only, LHOX, LOX
JASU	CE1, 3, 8, 9, 13, 16, CA 1, CEA1
MIL ADV	Tran acft call Wg Ops 30 min prior to ETA on 340.2
RWY DATA	Rwy 13L(131°)/31R(311°) 12,599x200 ASPH Rwy 13R(131°)/31L(311°) 9999x150 ASPH Rwy 04(041°)/22(221°) 8273x200 ASPH RAG: Rwy 13L BAK 12 Mobile Aircraft Arrest System, B, (1700'); Rwy 13R/31L BAK 12 Smart Arrest System, B, (1360'); Rwy 04 BAK 12 Smart Arrest System, B, (1305'); Rwy 22 BAK 12 Smart Arrest System, B, (1460')
RCR	Opr CRFI Medley Tml ramp wt ltd. S100, T200, ST248, TT325. Rwy 13L/31R PCN 99/F/D/X/T. Rwy 13R/31L PCN 100/R/A/X/T. Rwy 04/22 PCN 77/F/D/X/U.
LIGHTING	04-(TE HI) P2, 13L-AN (non-std 3000´(1600´ SF)) (TE HI) P2 GPI 879´ TCH 46´, 13R-AN (non-std 3000´(1600´ SF)) (TE HI) P2 GPI 850´ TCH 44´, 22-AN (non-std 2200´ (800 SF)) (TE HI) P2 GPI 850´ TCH 44´, 31L-AN (non-std 3000´(1600´ SF)) (TE HI) P2 GPI 850´ TCH 44´ (Wing bar left side only), 31R-AN (non-std 3000´(1600´ SF)) (TE HI) P2 GPI 850´ TCH 44´
COMM	Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS.
ATIS	118.25 260.0
CLNC DEL	120.6 230.6
GND	121.9 275.8
TWR	126.2 226.5 236.6 255.7 (E) ltd hrs. O/T Cold Lake advsy 126.2 (E)
TML	124.5 322.8 (E)
ARR	119.4x 120.6x 124.5x 128.2x 134.1x 269.6x 279.8x 294.6x 324.3x 336.0x 350.5x 378.5x (E)
DEP	124.5x 322.8 (U)
MIL	Wg Ops 340.2 Tran svcg 308.7
PMSV	344.6
NAV	
NDB	YOD 398 (L) N54 23 49 W110 16 18 Preventive maint 20-23Z‡ Wed if required
TACAN	UOD 113.5 Ch 82 N54 24 31 W110 17 45 (1806') Preventive maint 01-07Z‡ first and third Fri of each month.
ILS	IOD 109.3 (Rwy 31R) (LOC back course Rwy 13L avail mil use only) RVR. Preventive maint 01-07Z‡ first and third Fri of each month.
PAR	119.4x 120.6x 124.5x 128.2x 134.1x 269.6x 279.8x 294.6x 324.3x 336.0x 350.5x 378.5x (E) 14-06Z‡ Mon-Fri, clsd Sat/Sun & Hol, hrs may vary without notice. PAR preventive maint 01-07Z‡ Wed dur VFR hol altn Thu. PSR & SSR preventive maint 01-07Z‡ Tue dur VFR hol altn Wed.

COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB (Cont'd) CYOD

PRO	-Tfc ptns convl 2500 ASL, Jet 3200 ASL -Jet acft in circuit maintain 3200 ASL til commencing base turn. -For straight-in apch (jet acft), maintain 3000 ASL as long as practicable before commencing final descent. -When Rwy 13 in use, remain on or above PAR or PAPI GP to the extent practicable. Consistent with safety of ops, acft should be flown on apch so as to give best possible performance with noise abatement. -In VMC, VFR & IFR acft on dep, overshoot, or missed approach shall not exceed 2500 ASL til dep end of rwy. Noise Abatement Pro: Wkd 0400-1330Z‡,Wknds fr Fri 0400Z‡ to Mon 1330Z‡ & hol All day. Fixed wing jet acft - straight in VFR or IFR recovery only, no overhead breaks (unless prior appr from Wg Ops), rotary wing acft recover via the W, S or SE only.
CAUTION	Model rocket firing at N54 26 43 W110 12 01 (UOD 033/3.5) & N54 19 04 W110 08 20 (UOD 122/7) 1500 AGL ocsl, voice advsy fr twr. Large acft only: twy intxns A1-A & A2-A involve sharp turns of greater than 135 degrees.

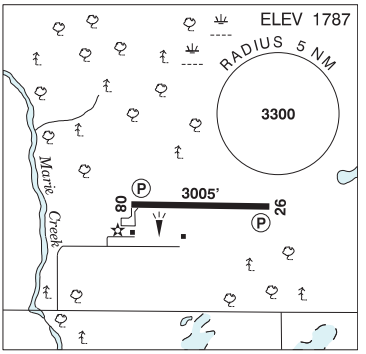
COLD LAKE HEALTHCARE CENTRE HELIPORT AB (Heli) CCH9



REF	N54 28 06 W110 11 44 Adj W 13°E (2016) UTC-7(6) Elev 1708' A5015
OPR	Alberta Health Services 780-639-3322 Fax 780-639-2960 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5 D-6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW (LO) yellow LED ARCAL-123.5 type J
COMM	
TWR	Cold Lake 126.2 (E)
ATF	tfc 122.8 in civil flying area 2900 ASL (see PRO)
PRO	Arr/dep 167° & 347° fr heli, slope 16% (H2) (CAR 602.96). For civil flying area depiction and VFR arrivals - see Cold Lake/Group Captain R.W. McNair VTPC
CAUTION	Lgtd oxygen tank NW of heli. Lgtd shed N of heli. Lgtd & marked P-lines E of arr/dep. Lgtd large housing S of heli.

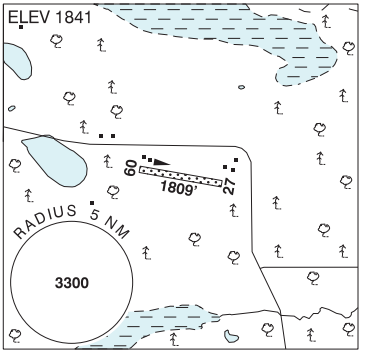
COLD LAKE REGIONAL AB — CEN5

REF	N54 28 39 W110 16 09 4W 14°E (2012) UTC-7(6) Elev 1787´ A5015 LO1 CAP
OPR	City of Cold Lake 780-594-4494 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL, JA1 Self-serve Visa/Mastercard ctc 780-594-4496
S	1,4,5,6
RWY DATA	Rwy 08(076°)/26(256°) 3005x75 ASPH AGN II
RCR	Opr Ltd win maint.
LIGHTING	08-(TE ME) P1, 26-(TE ME) P1 ARCAL-122.8 type K
COMM	
TWR	Cold Lake 126.2 (E)
ATF	tfc 122.8 in circuit & civil flying area 2900 ASL. (see PRO)
PRO	Ctc Cold Lake/Group Captain R.W. McNair Twr prior to 11NM on arr & after tkof on dep. Rgt hand circuits Rwy 26 (CAR 602.96). Circuits 2500 ASL. Arr/Dep E, N & W alts & hdgs depicted on Cold Lake/Group Captain R.W. McNair VTPC. Civil flying area depicted on Cold Lake/Group Captain R.W. McNair VTPC. **IFR Arrivals** 1. Broadcast a "down" call on the gnd on 128.2. 2. In IFR cond(s), expect possible apch clearance delays due to mil tfc.
CAUTION	Pilots use vigilence - High speed Jet tfc in MTCA.



COLD LAKE / THREE BEARS LANDING AB — CTB8

REF	N54 16 24 W110 09 45 11.5SSE 12°E (2019) UTC-7(6) Elev 1841' A5015
OPR	Robert A. Pionteck 780-573-4869 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 09(088°)/27(268°) 1809x45 GRASS
RCR	Opr Ltd win maint.
COMM	
TWR	Cold Lake 126.2 (E)
ATF	tfc 123.2 in circuit (see PRO)

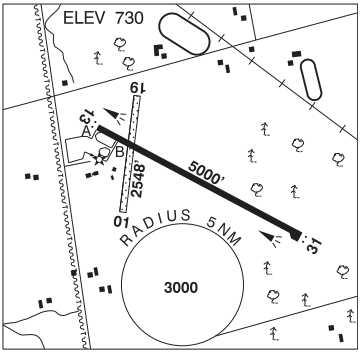


COLD LAKE / THREE BEARS LANDING AB (Cont'd) CTB8

PRO	Ctc Cold Lake/Group Captain R.W. McNair Twr prior to 11NM on arr and after tkof on dep. Use ATF before tkof and in circuit. Rgt hand circuits Rwy 09 (CAR 602.96). Circuit hgt 2500 ASL. For civil flying area depiction and VFR arrivals - see Cold Lake/Group Captain R.W. McNair VTPC.
CAUTION	Pilots use vigilance - numerous jet acft oprg all alts. Wildlife in vic of rwy.

COLLINGWOOD ON CNY3

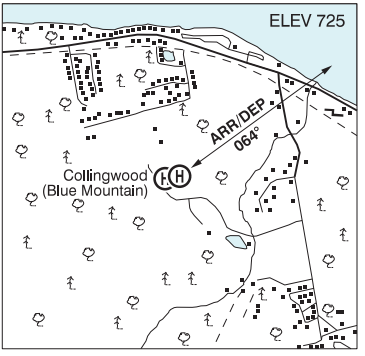
REF	N44 26 58 W80 09 33 4SE 10°W UTC-5(4) Elev 730´ A5000 LO6 HI5 CAP
OPR	Collingwood Regional Airport Inc. 705-445-2663 Reg
PF	A-1,2,7,8 C-3,4,5,6
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO 705-441-5258 (see COMM) WxCam



SERVICES	13-22Z‡ After hrs call out chg applies.
FUEL	100LL, JA-1 (FSII avbl), SP
OIL	W80, W100, 15W50, 20W50
S	1,2,4,5,6
RWY DATA	Rwy 13(128°)/31(308°) 5000x100 ASPH AGN IV Rwy 01(017°)/19(197°) 2548x75 GRASS Rwy 19 up 0.55%
RCR	Opr No win maint Rwy 01/19.
LIGHTING	13-AS(TE ME), 31-AS(TE ME) ARCAL-122.85 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.85 5NM 3700 ASL
AUTO	122.175
CAUTION	Wildlife in vic of rwy.

COLLINGWOOD / ALTA ON (Heli) CWD2

REF	N44 31 48 W80 21 13 6WNW 10°W (2012) UTC-5(4) Elev 725' A5000
OPR	Four Seasons Aviation David Tommasini 905-671-9644 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 100 dia' GRASS TLOF 20' x 20' CONC Safety Area 120' dia
RCR	Opr

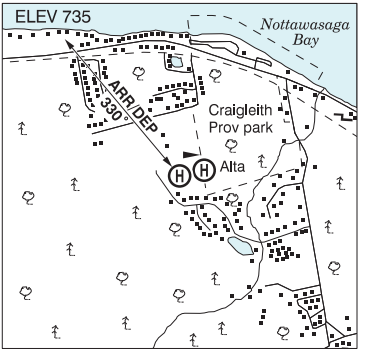


COLLINGWOOD / ALTA ON (Heli) (Cont'd) CWD2

COMM ATF	tfc 122.85 5NM 3800 ASL
PRO	Arr/dep 064° fr heli. Begin apch over WDI on island 1.5NM E fr heli.
CAUTION	Collingwood (Blue Mountain) heli immediately adj W.

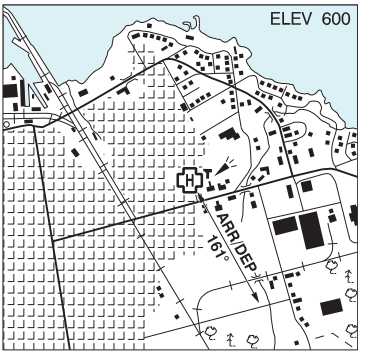
COLLINGWOOD (BLUE MOUNTAIN) ON (Heli) CBM4

REF	N44 31 47 W80 21 17 6.2WNW 10°W (2021) UTC-5(4) Elev 735´ A5000
OPR	Craigleith Meadows Inc. 416-903-6043 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 77´ x 77´ GRASS TLOF 26´ x 26´ GRASS Max heli overall length 38´ Opr
COMM ATF	tfc 122.85 5NM 3800 ASL
PRO	Arr/dep 330° fr heli.
CAUTION	Collingwood/Alta heli immediately adj E.



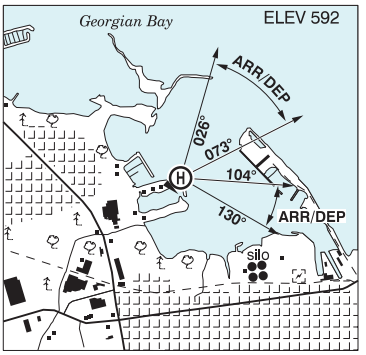
COLLINGWOOD (GEN AND MARINE HOSP) ON (Heli) CPP2

REF	N44 29 59 W80 12 12 Adj E 10°W UTC-5(4) Elev 600´ A5000
OPR	Collingwood Gen & Marine Hosp 705-445-2550 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86' dia 114' dia Max heli overall length 57.5´
LIGHTING	DR RY(LO) RF(FL)
COMM A/G	ambulance dispatch 129.275
PRO	Arr/dep 161° fr heli. Slope 12% (H1) day/night use.
CAUTION	Tall poles on apch, aprx 450´ SSE helipad.



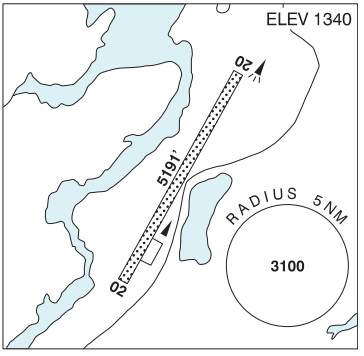
COLLINGWOOD (WILSONS) ON (Heli) CCW2

REF	N44 30 35 W80 13 46 Adj NW 10°W (2018) UTC-5(4) Elev 592' A5000
OPR	Richard Wilson 416-918-6198 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 62' dia CONC TLOF 26' dia CONC Safety Area 82' dia Max heli overall length 41.5'
RCR	Opr
COMM	
ATF	tfc 122.85 5NM 3600 ASL
PRO	Arr/dep btwn 026°-073° and btwn 104°-130° fr heli. Arr/dep over water.

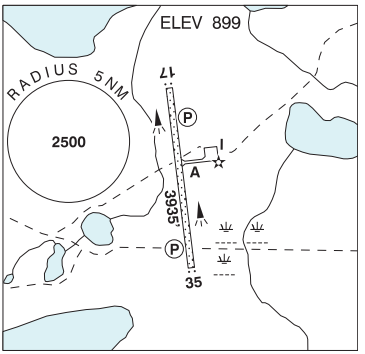


COLLINS BAY SK CYKC

REF	N58 14 10 W103 40 39 9°E (2013) UTC-6 Elev 1340´ A5024 LO1 HI2 CAP
OPR	Cameco Corp 306-956-6502 O/T 306-222-9698 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	AUTO (see COMM) ALTIMETER/WIND ltd hrs (see COMM)
RWY DATA	Rwy 02(024°)/20(204°) 5191x110 GRVL AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	02-(TE LO), 20-(TE LO) ARCAL-123.3 type J
COMM	
DRCO	Edmonton rdo (Wollaston Lake) 123.55 (FISE)
ATF	UNICOM (AU) ltd hrs O/T tfc 123.3 5NM 4400 ASL
A/G	Cameco dispatch 122.875 call sign 382 Collins Bay
AUTO	122.35
CAUTION	Ltd twr 2047 ASL (390 AGL) 4.7NM SSW of A/D.

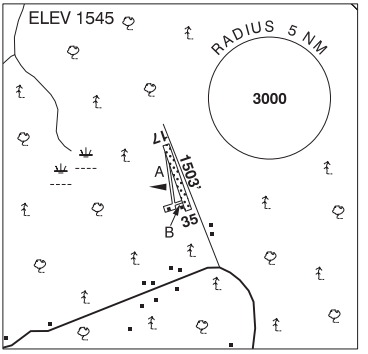


COLVILLE LAKE / TOMMY KOCHON NT — CYVL



REF	N67 01 16 W126 07 43 21°E (2021) UTC-7(6) Elev 899´ A5034 A5035 LO5 CAP
OPR	Govt of Northwest Territories 867-587-2451 Emerg/Incident rpt 877-989-1400 1530-1630Z‡ & 1900-2030Z‡ Mon, Wed & Fri, 1530-1730Z‡ & 2230-2400Z‡ Tue & Thu, exc hols, O/T 2 hr PN ctc 867-446-3070/0070. Call out chg may be levied. Cert
PF	C-1,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO WxCam
RWY DATA	Rwy 17(173°T)/35(353°T) 3935x98 GRVL
RWY CERT	Rwy 17/35 AGN II
RCR	Opr Win maint 1530-0030Z‡ Mon-Fri exc hols Oct 1-Apr 30, O/T 2 hrs PN 867-446-3070/0070. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	17-AS(TE ME) AP, 35-AS(TE ME) AP ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 3900 ASL
AWOS	128.6
CAUTION	Extv migratory bird activity in vic A/D Apr-Oct.

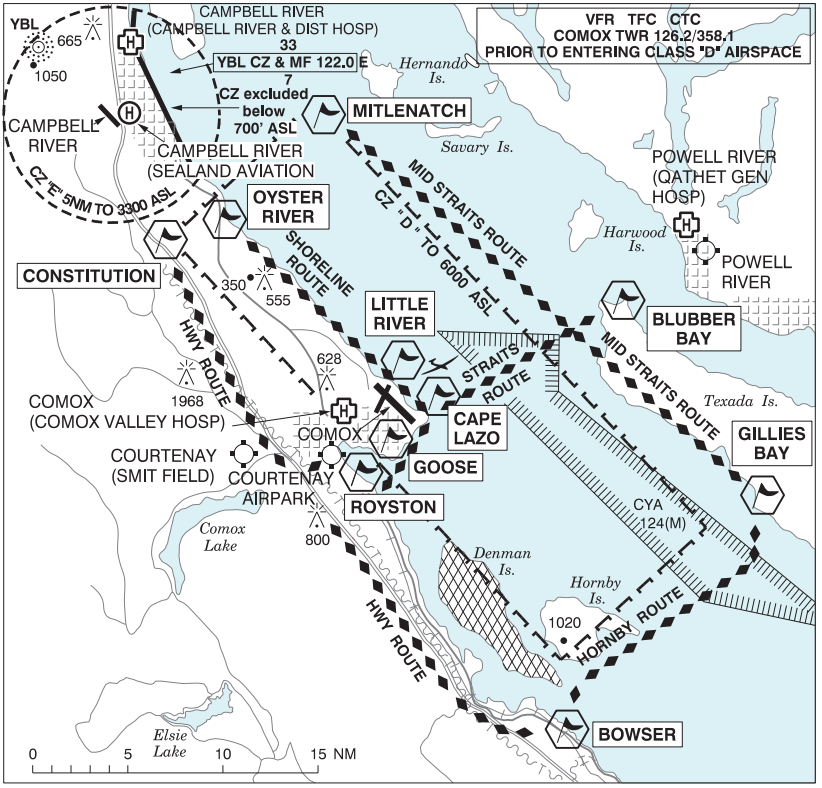
COMBERMERE / BONNIE BRAE AIRFIELD ON — CMB8



REF	N45 22 27 W77 43 23 4.5WNW 12°W (2017) UTC-5(4) Elev 1545 A5000
OPR	Mary Ann McCrea 613-553-1577 Reg PPR A/D clsd Nov 16-Apr 14
PF	B-5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	2
RWY DATA	Rwy 17(173°)/35(353°) 1503x35 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4600 ASL
CAUTION	98' twr aprx 1000' WNW of Rwy 35.

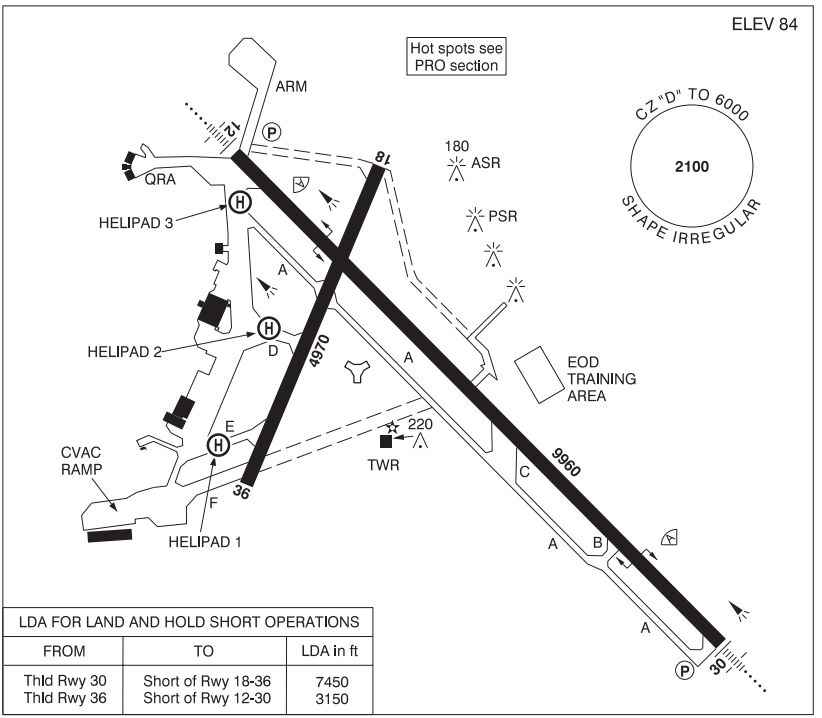
COMBINE WORLD FIELD SK — See ELSTOW / COMBINE WORLD FIELD

COMOX VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BLUBBER BAY	VCBLR	N49° 48' 00" W124° 37' 00"
BOWSER	VCBSR	N49° 26' 00" W124° 40' 00"
CAPE LAZO	VCLZO	N49° 42' 42" W124° 51' 24"
CONSTITUTION	VCCNS	N49° 51' 00" W125° 12' 00"
GILLIES BAY	VCGIL	N49° 37' 00" W124° 26' 00"
GOOSE	VCGSS	N49° 40' 00" W124° 55' 20"
LITTLE RIVER	VCLRV	N49° 44' 00" W124° 54' 00"
MITLENATCH	VCMLN	N49° 57' 00" W125° 00' 00"
OYSTER RIVER	VCOYS	N49° 52' 00" W125° 08' 00"
ROYSTON	VCROY	N49° 39' 00" W124° 57' 00"

COMOX BC CYQQ



LDA FOR LAND AND HOLD SHORT OPERATIONS		
FROM	TO	LDA in ft
Thld Rwy 30 Thld Rwy 36	Short of Rwy 18-36 Short of Rwy 12-30	7450 3150

REF	N49 42 40 W124 53 12 2.5NNE 16°E (2022) UTC-8(7) Elev 84' A5004 LO2 HI3 CAP RCAP
OPR	DND 250-339-8231 CSN 319-252-8231 NTAS 334-8231 Mil PPR
PF	B-1 C-2,3,5,6
CUST	AOE/15 PN civ 888-226-7277 Mil 250-334-3424 fr 1630Z‡ to 0030Z‡ Mon to Fri exc hols; AOE/CAN.
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
MIL	250-339-8211 Ext 8770 CSN 319-252-8770 Fax 250-339-8230, CSN 319-252-8230
WX	METAR H24. TAF H24, issue times: 00, 06, 12 & 18Z. Met brief for mil only. Lcl Met Section CSN 252-8242/8460. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM).

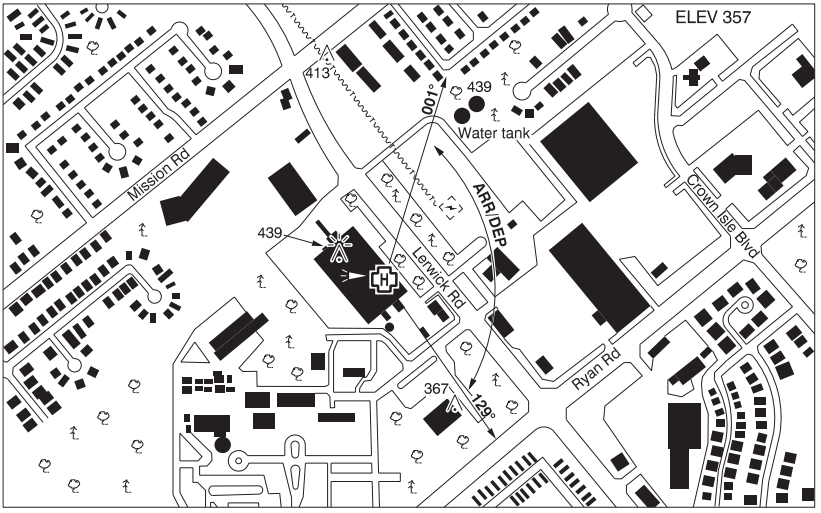
COMOX BC (Cont'd) CYQQ

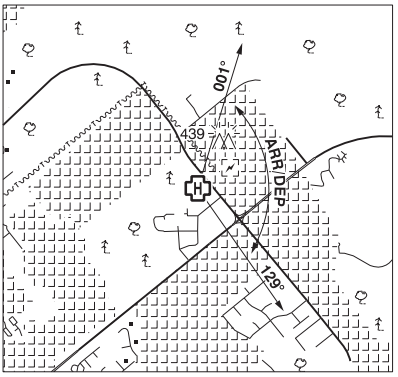
SERVICES	MIL: All trans acft require PPR thru 19 Wg Ops CSN 319-252-8288/8223 NTAS 250-339-8288/8223. Trans svcg 07-22 hrs lcl Mon-Fri exc hols, O/T by special arng. NOVA/Flight Advsy msg rqrd & may be faxed to CSN 319-252-8129 NTAS 250-339-8129. CIV: All civ reg acft rqrd ramp authorization thru civ ops mgr 250-207-1658 prior to PPR req thru Wg Ops 250-339-8231/8288. For MEDEVAC btw 06-23 hrs (local) call civ ops mgr 250-207-1658, btw 23-06 hrs (local) call Wg Ops 250-339-8231/8288, PPR not rqrd. Ltd prkg civ ramp, 24 hrs PN. Ltd overnight prkg on civ ramp.
FUEL	F-34, F-37, SP, HPR
OIL	128, 133, 148, 156, SOAP
ARFF	CAT 6
SUP FL	LHOX, LOX
JASU	CE12 ,13, 15, 16, CA2, CEA1, MC-11
PVT ADV	Shell 250-207-1658 07-19 (Local) O/T call out chg
MIL ADV	Call Wg Ops for tran svcg CSN 319-252-8288/8223 NTAS 334-8288/8223.
RWY DATA	Rwy 12(119°)/30(299°) 9960x200 CONC Rwy 18(186°)/36(006°) 4970x200 ASPH RAG: Rwy 12 BAK 12/14 smart arrest retractable arrestor system (1697'); Rwy 30 BAK 12/14 smart arrest retractable arrestor system (1495').
RWY CERT	Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm)
TWY	Do not taxi thru Gnd Wash Fac SW corner twy D.
RCR	Opr CRFI S65, T155, ST192, TT240. Rwy 12/30 PCN 47/R/A/X/T. Rwy 18/36 PCN 67/F/A/X/T. Caution - Rwy 18/36 - Rise at intxn of Rwy 12/30 approx 5 inch (14 cm) over 100 ft (31 m)
HELI DATA	Helipad 1 and 2: 100´ x 100´ ASPH. Helipad 3: 100' x 100' CONC.
LIGHTING	12-AN (non-std 3000´ (1600´ SF)) (TE HI) P2 GPI 1164´ TCH61´, 18-(TE HI), 30-AN (non-std 3000´ (1600´ SF)) (TE HI) P2 GPI 1157´ TCH55´, 36-(TE HI). Helipad 1, 2 and 3 not lgtd.
COMM	Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS.
ATIS	118.6 282.2
CLNC DEL	127.0 227.6
GND	119.75 250.3
TWR	126.2 358.1 236.6x (E)
TML	123.7 227.6 (opr svcs only 250-339-8115)
ARR	123.7 128.1x 134.1x 227.6 289.4x 335.9x 342.9x 378.5x 384.5x
DEP	123.7 227.6
MIL	442 Sqn - call Snake Ops 135.9 363.0; 407 Sqn VP & VS A/C- call Demon Ops 308.6; Base Ops 316.5
NAV	
TACAN	UQQ 110.4 Ch 41 N49 42 45 W124 53 40 (79´) Maint 1st & 3rd Thu each month; 16-20Z‡, dur VFR.
ILS	IQQ 111.7 (Rwy 12) RVR. ICX 109.75 (Rwy 30) RVR. Maint 2nd Thu each month; 16-20Z‡.

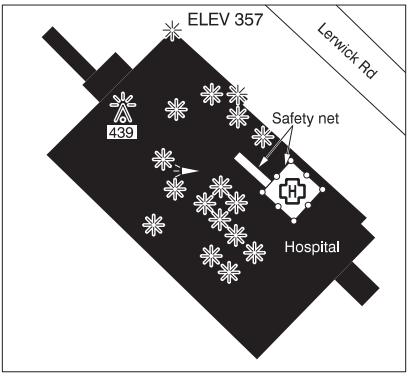
COMOX BC (Cont'd) CYQQ

PRO	Rgt hand circuits Rwy 30 & 36 (CAR 602.96). Tfc ptns Heli 500 ASL, convl 1000 ASL, Jet 1500 ASL. Reporting points & rtes, as depicted on VTPC, used proceeding to/fr aprt or transiting the Class "D" CZ. Ctc Twr at least 5NM prior to entry. All acft and helis avoid flt over Courtenay Airpark below 2000' ASL. All mil acft shall ctc Comox gnd prior to engine start. Extv glider activity 3NM radius of the aprt, max alt 3500 ASL, Jun to Aug. All mil/civ transient acft requesting approaches require PPR thru Wg Ops CSN 319-252-8288/8223 NTAS 250-339-8288/8223. In VFR cond all IFR & VFR acft on overshoot or dep, not to exceed 1000 ASL until dep end of rwy in use. PSR/SSR maint every Mon; 1830-2359 lcl, dur VFR, hol altn Tue. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
CAUTION	Bump at the main intxn. Parachuting to 12,500 ASL on A/D, Monitor CYQQ ATIS freq 118.6 for info. Confusion point due to airfield layout & non-standard hold lines located at the intersection of twy A, Helipad 3, West Ramp, QRA & rwy 12/30

COMOX (COMOX VALLEY HOSPITAL) BC (Heli) CBV8







REF	N49 42 44 W124 58 10 Adj NW 16°E (2019) UTC-8(7) Elev 357´ A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia non-supporting TLOF 61' x 61' CONC Safety Area 115' dia 17,000lbs Max heli overall length 57.4´ (CAR 602.96) elevated/rooftop. Opr
LIGHTING	RY(ME) green LED
COMM **TWR** **A/G**	 126.2 Hosp security 158.76 FM 3 min PN

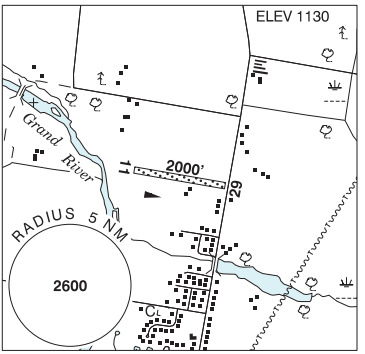
COMOX (COMOX VALLEY HOSPITAL) BC (Heli) (Cont'd) CBV8

PRO	Arr/dep 001° to 129° fr heli, (H1), day/night use (CAR 602.96). Ctc A/G prior to ldg
CAUTION	Trees to 130 AGL, W to SW, 325' to 450' fr heli. Trees to 110 AGL, S under flight path, 600' to 750' fr heli. P-line 125 AGL N under flight path, 1000' fr heli.

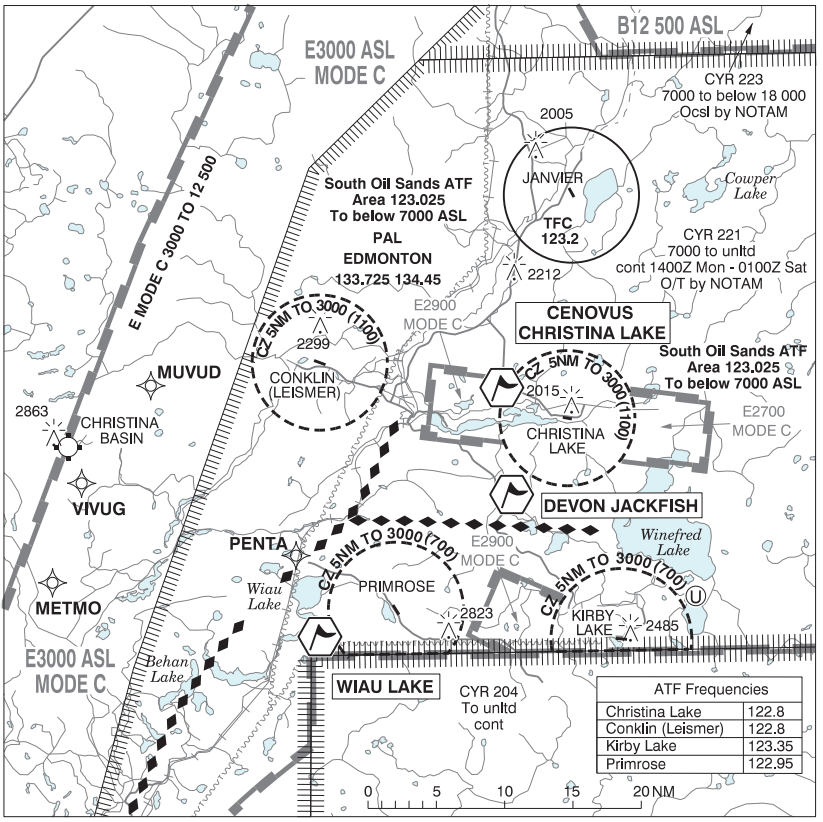
CONISTON ON — See SUDBURY / CONISTON

CONESTOGO / LARGO WOODS FIELD ON CLW6

REF	N43 34 00 W80 28 15 2.1SW 10°W (2022) UTC-5(4) Elev 1130' A1900 A5000
OPR	David Wood 519-500-8629 Reg PPR
PF	B-1 C-2,3 D-4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 11/29 2000x35 GRASS Opr No win maint. Rwy soft in spring.
COMM **ATF**	tfc 123.2 5NM 4200 ASL
CAUTION	Marked P-lines aprx 45 AGL on apch to Rwy 29. Trees aprx 25 AGL at Thld 11. Cultivated field both sides of rwy.

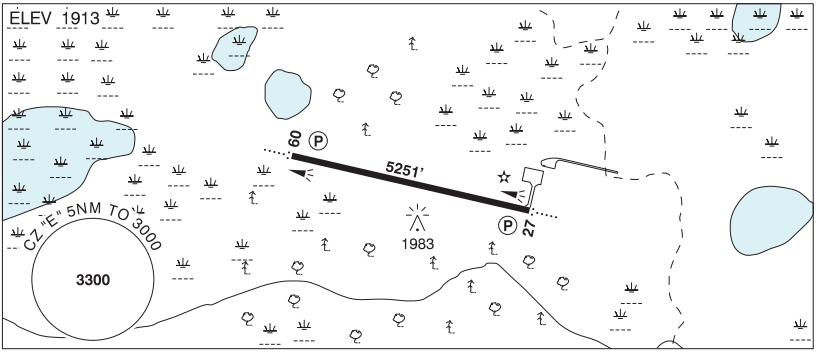


CONKLIN VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
CENOVUS CHRISTINA LAKE	VCNVS	N55° 39' 03" W110° 53' 23"
DEVON JACKFISH	VCJCK	N55° 31' 51" W110° 52' 32"
WIAU LAKE	VCWAU	N55° 21' 42" W111° 18' 13"

CONKLIN (LEISMER) AB CET2

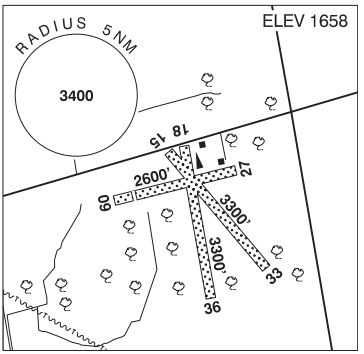


REF	N55 41 46 W111 16 46 8W 15°E (2012) UTC-7(6) Elev 1913' A5015 LO1 HI3 CAP
OPR	Leismer Aerodrome Ltd 780-520-0670 or 780-715-5837 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM)
SERVICES	Call out charge may apply 780-520-0670
FUEL	JA-1
RWY DATA	Rwy 09(090°)/27(270°) 5251x98 paved - TBS Rwy 27 first 2362' up 0.68% AGN IIIA
RCR	Opr Ltd maint
LIGHTING	09-AO(TE ME) P1, 27-AO(TE ME) P1 ARCAL-122.8 type J
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3000 ASL (see PRO - South Oil Sands Area ATF)
PAL	Edmonton Ctr 133.725
AUTO	123.175
PRO	South Oil Sands Area ATF 123.025. See Conklin VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Maneuvering area shoulders soft. Airfield lgt aprx 5' fr rwy edge, twy and apron. Wildlife on rwy. P-line(s) aprx 1934' ASL N55 41 39 W111 15 32.

CONN ON

CCN4

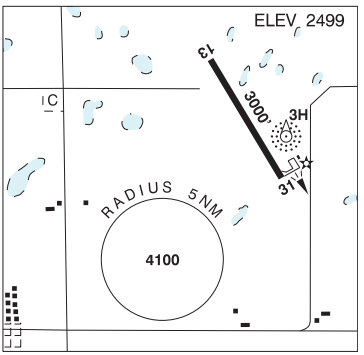
REF	N44 01 57 W80 29 08 3.6E 10°W UTC-5(4) Elev 1658' A5000
OPR	Toronto Soaring Club 519-807-3331 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18(180°)/36(360°) 3300x120 GRASS Rwy 15(150°)/33(330°) 3300x120 GRASS Rwy 09(086°)/27(266°) 2600x120 GRASS Thld 09 displ 400´
RCR	Opr
COMM ATF	tfc 123.4 5NM 4700 ASL
PRO	Glider activity Apr-Dec. Rgt hand circuits for powered acft Rwys 09, 15, 18, 27. Rgt hand circuits for gliders Rwy 33, 36 (CAR 602.96).
CAUTION	Power lines SW of field.



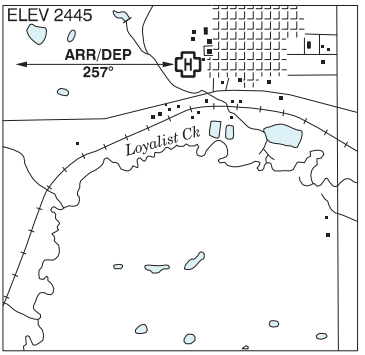
CONSORT AB

CFG3

REF	N52 01 W110 45 1.5NE 13°E (2016) UTC-7(6) Elev 2499' A5005 A5006 A5015 LO2
OPR	Village 403-577-3623 Reg
PF	B-1 C-2,3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES S	5
RWY DATA	Rwy 13(134°)/31(314°) 3000x75 asphalt
RCR	Opr Ltd maint
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5500 ASL
NAV NDB	3H 276 (M) N52 01 22 W110 44 44 Pvt Unmonitored



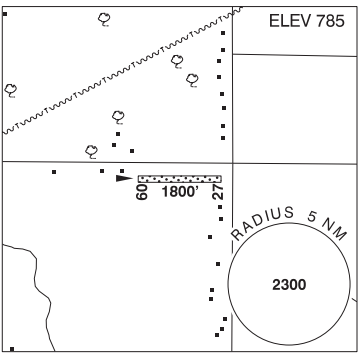
CONSORT (HEALTH CENTRE) AB (Heli) CCS2



REF	N52 00 33 W110 46 55 Adj W 13°E (2014) UTC-7(6) Elev 2445' A5005 A5006 A5015
OPR	FM&E AHS 403-577-3555 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia CONC/GRASS TLOF 39' dia CONC/GRASS Safety Area 85' dia
LIGHTING	RY(LO) PN
COMM	
ATF	tfc 123.2 5NM 5400 ASL
PRO	Arr/dep 257° fr heli, slope 16% (H3)

COOKING LAKE AB — See EDMONTON / COOKING LAKE

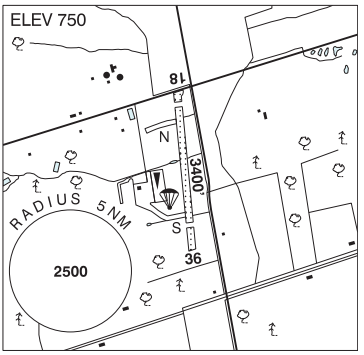
COOKS CREEK MB CCC3



REF	N50 01 55 W96 43 58 1.8ENE 3°E (2018) UTC-6(5) Elev 785' VTA A5007
OPR	Thomas Stoyka 204-444-3838 Reg PPR
PF	B-1
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	5,7
RWY DATA	Rwy 09(087°)/27(267°) 1800x40 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM BLW 3000 ASL
PRO	Avoid overflight of houses immediately E and W of A/D. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.

COOKSTOWN ON — CCT2

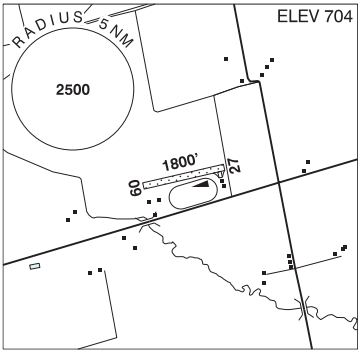
REF	N44 14 20 W79 38 20 4NE 11°W UTC-5(4) Elev 750´ VTA A5000
OPR	Skydive Toronto Inc 705-458-9339, 705-331-6509 Reg PN
PF	A-1 B-2 C-5 D-3, 4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL, JA All 5



RWY DATA RCR	Rwy 18(184°)/36(004°) 3400x100 GRASS Thld 18 displ 200´ Thld 36 displ 500´. Opr No win maint. Rwy may be soft when wet & in Spring.
COMM ATF	tfc 123.2 5NM 3800 ASL
PRO NOISE	Rgt hand circuits Rwy 18 (CAR 602.96). Downwind leg for all circuits over Hwy 400. Downwind Rwy 18 at 2250' ASL. Downwind Rwy 36 at 2500' ASL. Do not overfly A/D. Turn base leg Rwy 36 over Hwy 89. Rwy 36 dep: when safe turn rgt 30 degrees for climb-out. Rwy 18 dep: climb straight out to Hwy 89 before changing direction.
CAUTION	Paradrops up to 18,000 ASL daylight announced on ATF. Trees S of rwy.

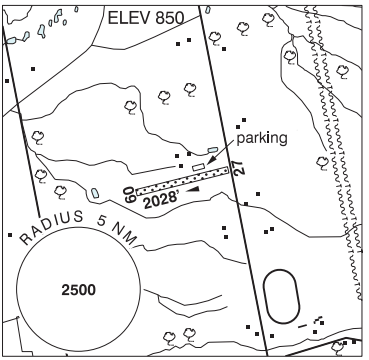
COOKSTOWN / KIRBY FIELD ON — CKF8

REF	N44 07 58 W79 43 30 3.2SSW 11ºW UTC-5(4) Elev 704' VTA A5000
OPR	G. Kirby 905-729-0747 Reg PPR
PF	C-1 D-3,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(088º)/27(268º) 1800x75 GRASS Opr No win maint. Rwy may be soft when wet.
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Unlgtd twr 900 ASL 1NM E



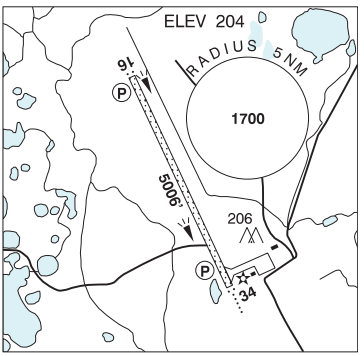
COOKSTOWN / TALLY-HO FIELD ON — CTH8

REF	N44 12 52 W79 46 36 3.6NW 10°W (2014) UTC-5(4) Elev 850´ VTA A5000
OPR	Greatsite Homes 647-891-0937 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 09(086°)/27(266°) 2028x65 GRASS Rwy 27 down 2.9%
RCR	Opr No win maint. Rwy soft when wet.
COMM **ATF**	tfc 123.2 5NM 3900ASL exc area within Borden 5NM MF area
PRO	Land on Rwy 09 & tkof Rwy 27 exc when strong westerly winds are present.
CAUTION	Unmarked 116' P-lines running N-S aprx 0.37NM E of Thld 27.



CORAL HARBOUR NU — CYZS

REF	N64 11 36 W83 21 34 6NW 17°W (2022) UTC-5 Elev 204' A5032 A5037 A5038 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-925-9711
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z
SERVICES **FUEL**	Call out chg may be levied outside oprg hrs. JA-1 14-23Z Mon-Thu & Sat, 14-00Z Fri, 18-22Z Sun & hols PN ctc 867-925-8383/8119. Credit cards not accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
S	6
RWY DATA	Rwy 16(155°T)/34(335°T) 5006x100 GRVL Rwy 34 up 0.52%
RWY CERT	Rwy 16/34 AGN IIIB
RCR	Maint contractor 867-925-9711 A/D maint avbl 13-22Z Mon-Fri exc hols O/T 12 hrs PN. Call out chg may be levied. PLR/PCN
LIGHTING	16-AS(TE ME) P1, 34-AO(TE ME) P1 ARCAL-122.1 type K (See CAUTION)
COMM **RCO**	Edmonton rdo 123.275 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3200 ASL (CAR 602.98)
PAL	Edmonton Ctr 133.7
APRT RDO	122.1 (V)

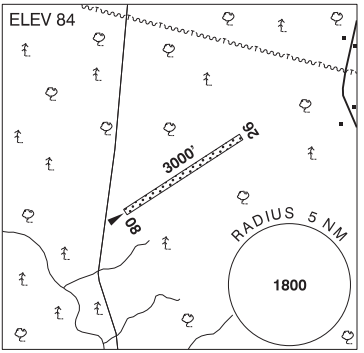


CORAL HARBOUR NU (Cont'd) CYZS

NAV	
NDB	YZS 362 (M) N64 08 55 W83 18 17
DME	ZS 109.7 Ch 34 N64 08 57 W83 18 10
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1345Z & 2315Z-0145Z. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

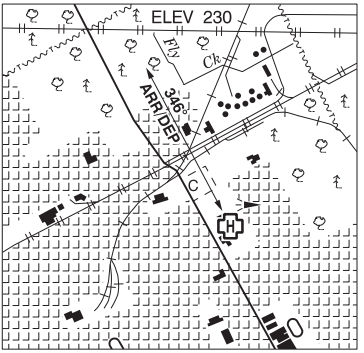
CORMIER NB CRM4

REF	N46 10 51 W64 22 32 1.1NW 18°W (2015) UTC-4(3) Elev 84' A5003
OPR	George Cormier 902-748-2434 Reg PPR
PF	C-1,2,3,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(075°)/26(255°) 3000x80 GRASS
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 3100 ASL

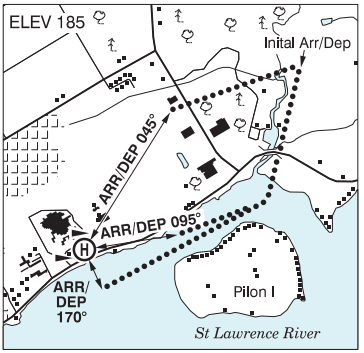


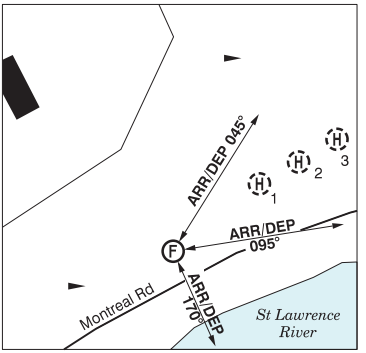
CORNWALL (COMMUNITY HOSP McCONNELL SITE) ON (Heli) CPS6

REF	N45 01 52 W74 43 04 Adj 14°W (2014) UTC-5(4) Elev 230´ VTA A5000 A5002
OPR	Community Hosp McConnell Site 613-938-4240 Cert PPR
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ ASPH Safety Area 114´ x 114´ Max heli overall length 57.3´
RCR	Opr
LIGHTING	DR RY(LO) RF(FH)
PRO	Arr/dep 346° fr heli, slope 8% (H3), day/night use.
CAUTION	Blasting ops 4NM N of heli (1NM radius) continuous daylight hrs. Debris to 800 ASL.



CORNWALL (DEV CENTRE) ON (Heli) CNC2

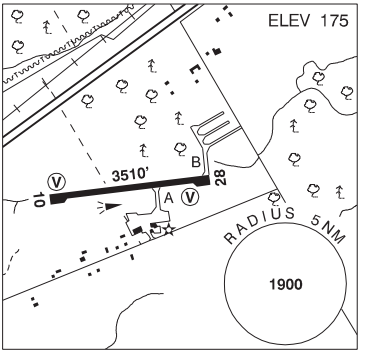




REF	N45 01 39 W74 40 47 Adj E 13°W (2023) UTC-5(4) Elev 185' A1903 A5000 A5002
OPR	DEV Centre - DEV Hotel and Conference Centre 613-936-5056 Reg PPR
PF	B-1,2,3,5,7
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 32' x 32' GRASS Safety Area 42' x 42' Parking Pads 1, 2 & 3: 25' dia GRASS Opr
COMM **ATF**	tfc 123.2 5NM 3200 ASL excluding Cornwall Regional ATF area.
PRO	Helo 1 arr/dep 170° fr heli Helo 2 arr/dep 095° fr heli Helo 3 arr/dep 045° fr heli
CAUTION	Blasting ops within 1NM radius 5.5NM N of heli sfc to 800 ASL, continuous daylight hrs. Lgtd twr 431 ASL (230 AGL) 0.2NM NE of heli.

CORNWALL REGIONAL ON CYCC

REF	N45 05 34 W74 34 04 7ENE 15°W UTC-5(4) Elev 175´ VTA A5000 A5002 LO6 LO7 LO8 T2 CAP
OPR	Cornwall Regional Aprt Comsn 613-930-6625 Reg
PF	C-1,2 D-3,4,5,6
CUST	AOE/15 888-226-7277 13-22Z‡
FLT PLN **FIC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) WxCam

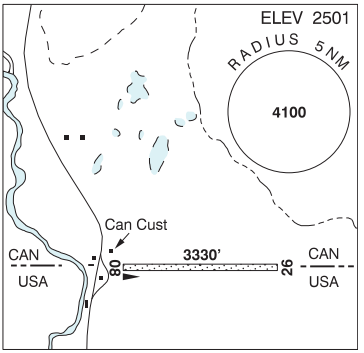


CORNWALL REGIONAL ON (Cont'd) CYCC

SERVICES	
FUEL	100LL, JA (Self Serve H24)
OIL	All
S	1,2,3,4,5
RWY DATA	Rwy 10(097°)/28(277°) 3510x100 ASPH AGN IIIA
RCR	Opr 14-21Z‡ Mon-Fri exc stat hols. Ltd win maint
LIGHTING	10(TE ME) V1, 28(TE ME) V1 ARCAL-122.775, 5 keys in 5 sec activates Rwy 28 VASIS & lgts; 7 keys in 5 sec activates Rwy 10 VASIS & lgts. VASIS and lgts for opposite rwy can only be activated after ARCAL cycle complete, aprx 15 min.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.775 5NM 3200 ASL
PRO	Acft that cancel IFR in US airspace and are unable to file a VFR Flt Pln, must cancel the SAR portion of their IFR Flt Pln for CYCC with YUL ACC at 800-633-1353.
CAUTION	Blasting ops aprx 7NM W of aprt (1NM radius) continuous daylight hrs. Debris to 800 ASL. Extv bird activity and wildlife in vic of A/D.

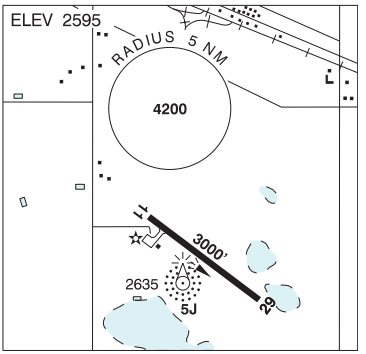
CORONACH / SCOBEY BORDER STATION SK CKK3

REF	N49 00 00 W105 23 56 8SE 9°E (2020) UTC-6 Elev 2501′ A5006
OPR	Montana Aeronautics Div 406-444-2506 Reg
PF	B-1 D-2,3,4,5,6
CUST	AOE/15 888-226-7277 15-01Z; U.S. cust 406-783-5372 14-24Z Mar 14-May 31; 14-03Z Jun 1-Sep 15; 14-24Z Sep 16-Nov 6; 15-01Z Nov 7-Mar 12
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08(081°)/26(261°) 3330x75 GRASS Rwy slopes down W.
RCR	Opr No win maint. Ltd sum maint.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5600 ASL



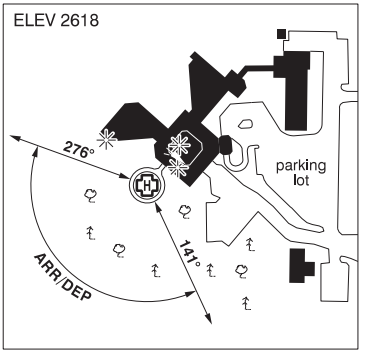
CORONATION AB — CYCT

REF	N52 04 30 W111 26 43 1S 14°E (2012) UTC-7(6) Elev 2595´ A5005 A5015 LO2
OPR	Town 403-578-3679 Reg
PF	B-1 D-2,3,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL
S	5,6
RWY DATA	Rwy 11(113°)/29(293°) 3000x75 ASPH
RCR	Opr Ltd maint. Snow plowed or compacted.
LIGHTING	11-(TE ME), 29-(TE ME) ARCAL-122.8 type K
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 5600 ASL
NAV **NDB**	5J 328 (H) N52 04 28 W111 26 54 Pvt Unmonitored



CORONATION (HEALTH CENTRE) AB (Heli) — CRH2

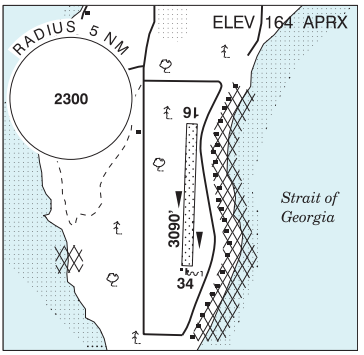
REF	N52 05 46 W111 27 34 Adj W 14°E (2013) UTC-7(6) Elev 2618´ A5005 A5015
OPR	FM&E AHS 403-575-0724 Cert NVIS OPS AUTH PPR
PF	B-1,2,3 C-4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 68' dia CONC TLOF 39' dia CONC Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
COMM **ATF**	tfc 122.8 5NM centred on Coronation A/D 0.8NM ESE 5600 ASL
PRO	Arr/dep 141° to 276° fr heli, slope 16% (H2), NVIS rqrd for ngt use (CAR 602.96)
CAUTION	Bldg N side helipad. Lgtd antenna twr 2702 ASL (84 AGL) 63' NW fr heli, on top of hosp bldg.



CORTES ISLAND BC

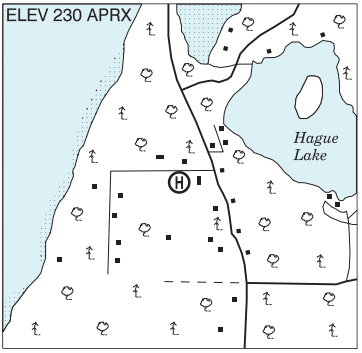
CCI9

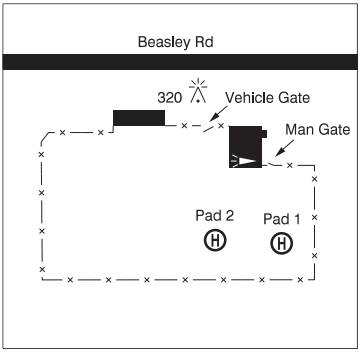
REF	N50 01 25 W124 59 03 18°E (2012) UTC-8(7) Elev 164´ aprx A5004
OPR	M. Ching 604-284-5366 Reg PPR Ldg fees
PF	B-1,2,5 C-3,4
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR APRON	Rwy 16(163°)/34(343°) 3090x140 GRVL/GRASS Opr 17-03Z‡ No win maint Tie downs located near Rwy Thld 34
COMM ATF	tfc 123.2 2NM 1700 ASL
PRO	Rgt hand circuits Rwy 16 (CAR 602.96). Avoid noise sensitive areas, see A/D sketch.
CAUTION	35´ power line 100´ SE Thld 34.



CORTES ISLAND BC (Heli)

CBL7





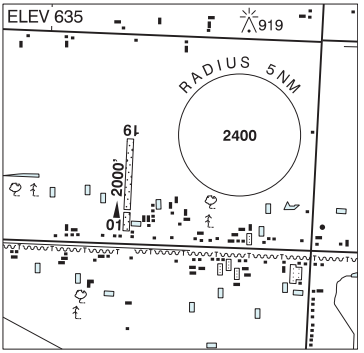
REF	N50 03 31 W124 58 54 18°E (2013) UTC-8(7) Elev 230´ aprx A5004
OPR	Cortes Island Fire Dept. 250-935-6779 or 250-202-2451 Reg PPR
PF	A-1 C-2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	Pads 1 & 2: 40´ dia 54´ dia CONC Opr 15-03Z‡
LIGHTING	ARCAL-122.8 type K
COMM ATF	tfc 123.2 2NM 1700 ASL

CORTES ISLAND BC (Heli) (Cont'd) CBL7

PRO	Due to trees, apch fr SE, dep to SW.
CAUTION	Trees to 50´ W & N.

COTTAM ON CRB2

REF	N42 08 24 W82 39 10 4E 7°W UTC-5(4) Elev 635´ A5000
OPR	R. I. Bell 519-839-4369 Reg PPR
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 01/19 2000x60 GRASS Thld 01 displ 400´. Opr Ltd win maint
COMM ATF	tfc 122.9 5NM 3600 ASL
PRO	Pilots are requested to avoid flt below 2000 ASL when flying over the Jack Miner Bird Sanctuary (Kingsville, Ont N42 04 W82 45) & over Point Pelee National Park.
CAUTION	Bldgs & unmarked poles aprx 400´ fr Thld 01. Ditch adj E Thld 01 & 19. Trees on apch to Rwy 01. Cultivated fields at both edges of Rwy 01/19.

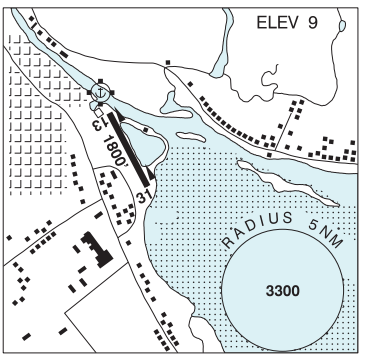


COUNTRY GARDENS B & B AB — See FORT VERMILION / COUNTRY GARDENS B & B

COUNTRY LANE FARMS AB — See CHEADLE / COUNTRY LANE FARMS

COURTENAY AIRPARK BC CAH3

REF	N49 40 46 W124 58 54 Adj E 17°E (2016) UTC-8(7) Elev 9' A5004
OPR	Courtenay Airpark Association 250-334-8545 Reg
PF	B-1,2 C-3,4,5,6
CUST	AOE/CAN
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL S	100LL (self-serve major credit cards) 2,3,4,5
RWY DATA RCR	Rwy 13/31 1800x60 asphalt Opr or 250-338-9814 16-01Z‡ No win maint
COMM ATF	tfc 123.35 3NM 1500 ASL exc area within Comox land A/D CZ.

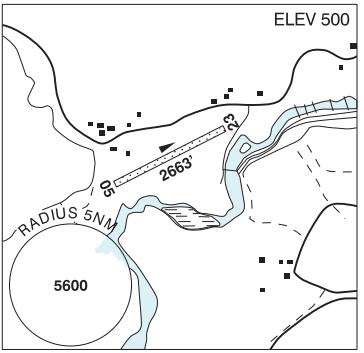


COURTENAY AIRPARK BC (Cont'd) CAH3

PRO	Rgt hand circuits Rwy 31 (CAR 602.96). Circuit alt 800 ASL. Avoid built-up areas. See Comox VTPC & PRO. Touch and Go PPR.
CAUTION	Heavy mil tfc in Comox mil CZ 1NM N. Bird sanctuary adj to rwy. Water aerodrome (COMOX CCX6) 2NM E. Water aerodrome (Courtenay Airpark CBG9) adjacent N

COURTENAY (SMIT FIELD) BC CCS6

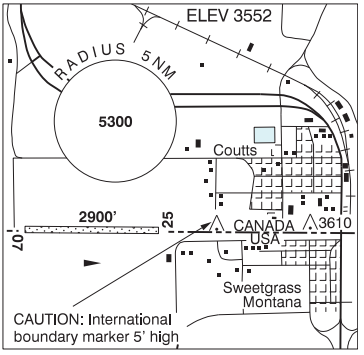
REF	N49 40 00 W125 05 54 4.3W 17°E (2016) UTC-8(7) Elev 500´ A5004
OPR	Dan Annand 250-338-5678 or 250-897-9338 Reg PN
PF	B-1 C-2,3,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(046°)/23(226°) 2663x66 GRASS/CONC, centre 36' CONC first 1200' Rwy 23 Opr No win maint
COMM ATF	tfc 123.35 2NM 2000 ASL
PRO	Right hand circuits Rwy 05. (CAR 602.96)
CAUTION	Rwy soft when wet & rises slightly towards middle fr both ends. Trees 80 AGL 600' fr Thld 05 & 23.



COUSINS YT — See WHITEHORSE / COUSINS

COUTTS / ROSS AB CEP4

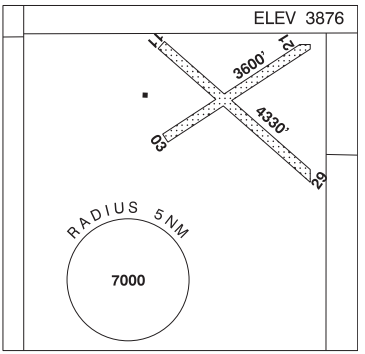
REF	N48 59 54 W111 58 42 0.5W 13°E (2016) UTC-7(6) Elev 3552' A5005
OPR	Montana Aeronautics Division 406-444-2506 Reg
CUST	AOE/15 888-226-7277; Daylight hrs U.S. cust 406-335-9610
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 07/25 2900x80 GRASS Opr No win maint. Ltd sum maint.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6600 ASL
CAUTION	Turbulence on apch 25 associated with strong wind cond. Do not land on taxiway. Rwy soft when wet.



COWAN SK — See ALIDA / COWAN FARM PRIVATE

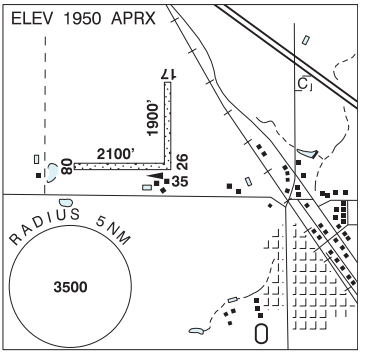
COWLEY AB — CYYM

REF	N49 38 11 W114 05 40 4.8NW 14°E (2017) UTC-7(6) Elev 3876´ A5005
OPR	Alberta Soaring Council 403-813-6658 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 11/29 4330x300 GRASS Rwy 03/21 3600x300 GRASS Opr Ltd sum maint. No win maint
COMM ATF	UNICOM ltd hrs O/T tfc 123.4 5NM 6900 ASL
CAUTION	Glider activity. Heavy dur last 2 wks Jul & first 2 wks Oct.

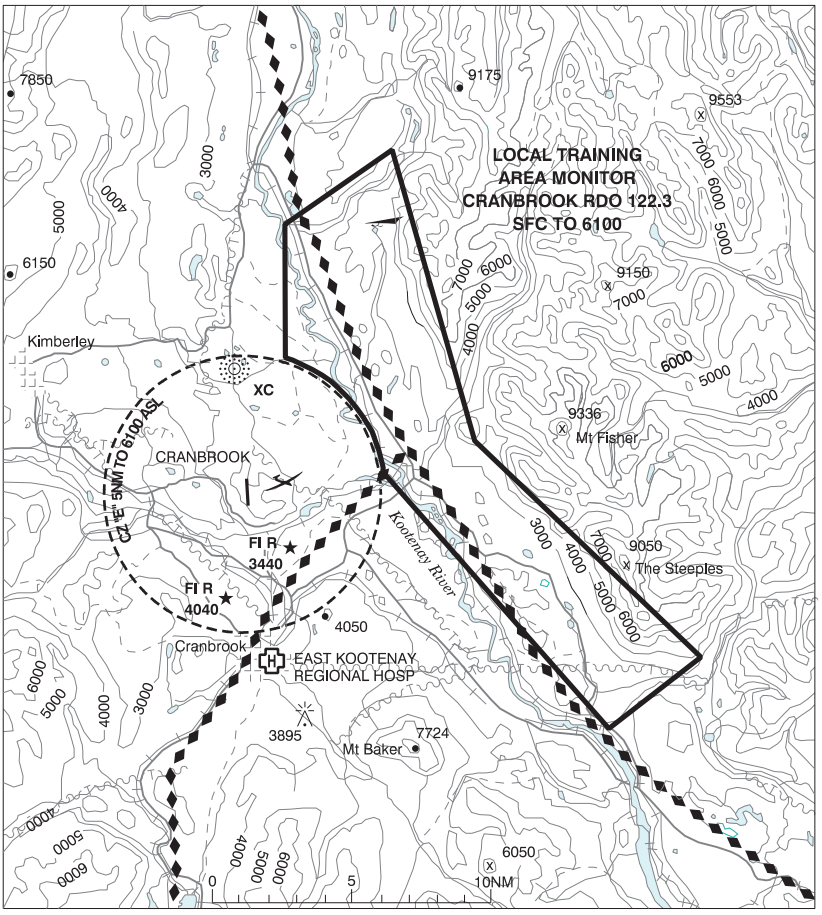


CRAIK SK — CJC2

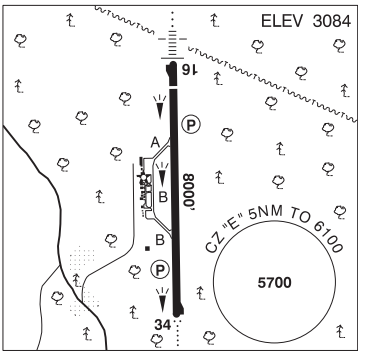
REF	N51 03 22 W105 50 18 Adj NW 10°E (2015) UTC-6 Elev 1950´ aprx A5006
OPR	L. Carlson 306-734-2360 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	1,4,5,6
RWY DATA RCR	Rwy 08(080°)/26(260°) 2100x60 GRASS Rwy slopes down W to E. Rwy 17(170°)/35(350°) 1900x35 GRASS Rwy 17/35 undulating Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5000 ASL
CAUTION	Lgtd twr 2258 ASL (257 AGL) 0.8NM W of A/D.



CRANBROOK VFR TERMINAL PROCEDURES CHART



CRANBROOK / CANADIAN ROCKIES BC — CYXC

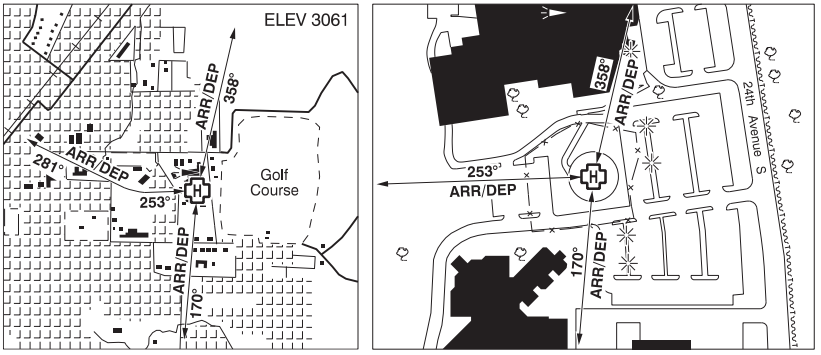


REF	N49 36 44 W115 46 55 5N 15°E (2014) UTC-7(6) Elev 3084´ A5005 LO2 HI3 CAP
OPR	Elevate Airports Inc. 250-426-7913 H24 Cert
PF	A-1,2,6 C-5 D-3,4
CUST	AOE/15 888-226-7277 15-23Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	After hrs call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (FSII avbl), SP, HPR
OIL	65, 80, 100, Turbo 274, Multigrade
S	1(ltd), 2,4,5,6
SUP FL	D and A-Ice 1400-0200Z‡ O/T PPR 250-489-1515
JASU	10/15
PVT ADV	Norm Dakin Enterprises 250-489-1515; Streamline Airways 250-420-7690; Bid Air 250-426-8888
RWY DATA	Rwy 16(164°)/34(344°) 8000x150 asphalt Thld 16 displ 780´ Rwy 16 down 0.7% first 760´ then up 0.8% last 7240´
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN IIIB
TWY	Twy B: uncontrolled first 1473' fr apron
APRON	Tran prkg on S side of main apron. N side of main apron rstd to sked tfc only. Itinerant pilot/pax access via gate adj to FSS bldg. No access/egress via tml bldg facility without prior appr from aprt opr.
RCR	Opr Win maint 1630-2300Z‡ O/T 2 hr PN cost recovery for non-sked acft. CRFI, PLR/PCN
LIGHTING	16-AN(TE HI) P3, 34-AO(TE HI) P3 PAPI limitation/restriction. PAPI Rwy 34 to be used only within 3NM of thld O/R thru FSS
COMM	Comm blind spots all quads
RADIO	122.3 262.7 PTC avbl (E) (emerg only 250-426-6312)
RCO	Pacific rdo 123.275 (FISE) 126.7 (bcst)
MF	rdo 122.3 5NM 6100 ASL (CAR 602.98)
PAL	Vancouver Ctr 133.6
NAV	
NDB	XC 242 (M) N49 40 57 W115 46 59 SKOOKUM SX 368 (M) N49 57 18 W115 47 32
VOR/DME	YXC 112.1 Ch 58 N49 33 15 W116 05 18 (7558')
DME	IXC 110.3 Ch 40 N49 37 06 W115 46 51 (3053')
ILS	IXC 110.3 (Rwy 16) LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 34 (CAR 602.96), left hand circuits Rwy 16. Glider activity left hand circuits Rwy 34, rgt hand circuits Rwy 16 (CAR 602.96).
CAUTION	Numerous trees to 75 AGL E side of the apch to Rwy 16 & to within 450´ either side of rwy. Hi terrain reduces operational length of Rwy 34 PAPI

CRANBROOK FSS – RCO

Abbotsford 119.4 (RAAS) 07-15Z‡ (N49 01 39 W122 22 28)

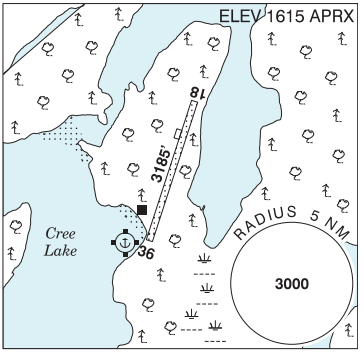
CRANBROOK (EAST KOOTENAY REGIONAL HOSP) BC (Heli) CAE2



REF	N49 30 42 W115 44 59 15°E (2012) UTC-7(6) Elev 3061´ A5005
OPR	Interior Health Authority 250-426-5281 Cert NVG Compliant PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
COMM **ATF**	COMM blind spots all quads tfc 122.3 3NM 6100 ASL excluding Cranbrook CZ.
PRO	Arr/dep 358° fr heli, slope 16% (H1) day use only. Arr/dep 170° fr heli, slope 18% (H1) day use only. Arr/dep curved 253° to 281°, slope 12% (H2) day use only (CAR 602.96). NVG rqrd for night use, all flt paths (CAR 602.96) 20 min PPR OPR. Advs Cranbrook rdo prior to arr/dep.
CAUTION	Numerous prkg lot lgt standards adj all quads. Trees to 150 AGL, 350' W of heli, both sides of H2 flt path.

CREE LAKE / CRYSTAL LODGE (MIDGETT FIELD) SK CKS8

REF	N57 27 51 W106 44 54 12°E (2012) UTC-6 Elev 1615´ aprx A5023
OPR	Crystal Lodge 306-222-8339 or 306-373-3499 Fax 306-374-4411 Satellite phone: 600-702-4113 Jun and Sep Reg
PF	B-1,2,5 PN Opr Jun 1-Sep 20
FLT PLN **FIC** **ACC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg IFR 888-834-3344 or 204-983-8337
RWY DATA **RCR**	Rwy 18(186°)/36(006°) 3185x40 clay Opr No win maint. Rwy undulating. Rwy rises fr both thlds towards mid-point.



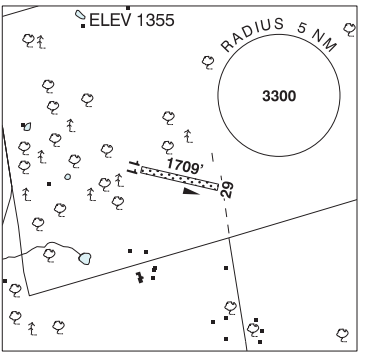
CREE LAKE / CRYSTAL LODGE (MIDGETT FIELD) SK (Cont'd) CKS8

COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4700 ASL

CREEKVIEW AB — See MILLET / CREEKVIEW

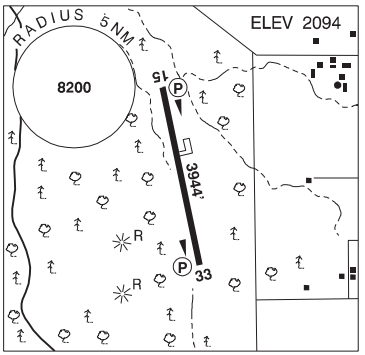
CREEMORE ON CCR9

REF	N44 20 48 W80 08 03 1.7NW 10°W (2015) UTC-5(4) Elev 1355' A5000
OPR	Alexander Younger 416-399-5778 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 11(113°)/29(293°) 1709x75 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM	
ATF	tfc 122.85 5NM 4400 ASL
CAUTION	30' trees 200' from each thld of Rwy 11/29.



CRESTON BC CAJ3

REF	N49 02 12 W116 29 53 3.5SSE 15°E (2014) UTC-7 Elev 2094´ A5005 LO2 CAP
OPR	Creston Valley Reg Airport Society 250-428-2733 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO (See COMM) 250-402-6326
SERVICES	PN 250-428-2733
FUEL	100LL, JA (Cardlock, Visa & MasterCard)
S	4,5
RWY DATA	Rwy 15(155°)/33(335°) 3944x75 ASPH Rwy 15 up 0.6% AGN IIIA
APRON	Tran prkg and tie-downs NW of apron on grass. If unable to park on grass use NW corner of apron. All parked acft must be secured using tie-downs. Designated Air Ambulance prkg on E side btwn fuel farm and ambulance ramp.
RCR	Opr Ltd win maint
LIGHTING	15-(TE ME) P1 4.5°, 33-(TE ME) P1 3.5° ARCAL-122.8 type K
COMM	
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATF	UNICOM 122.8 5NM 5100 ASL
AUTO	129.175

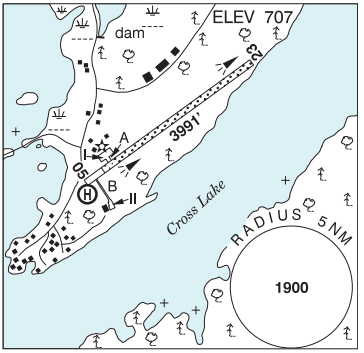


CRESTON BC (Cont'd) CAJ3

PRO	Rgt hand circuits Rwy 33 (CAR 602.96).
CAUTION	Porthill/Eckhart Intl, Idaho aprt tfc 2.5NM S. Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Wildlife in vic of rwy. Trees to 70 AGL within 200' W of rwy.

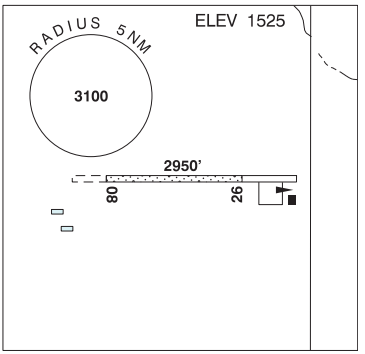
CROSS LAKE (CHARLIE SINCLAIR MEM) MB CYCR

REF	N54 36 39 W97 45 37 1E 3°E (2013) UTC-6(5) Elev 707´ A5016 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-676-0310 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 05(051°)/23(231°) 3991x98 crushed rock
RWY CERT	Rwy 05/23 AGN IIIA
TWY CERT	Twy A AGN II Twy B AGN I
APRON	Apron I & II: Ltd win maint.
RCR	APM 204-676-2061 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-676-0310
LIGHTING	05-(TE LO), 23-(TE LO) ARCAL-122.8 type J (see CAUTION).
COMM	
ATF	Cross Lake UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Extv bird activity Apr-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.



CRYSTAL CITY-PILOT MOUND / LOUISE MUNI MB — CKZ6

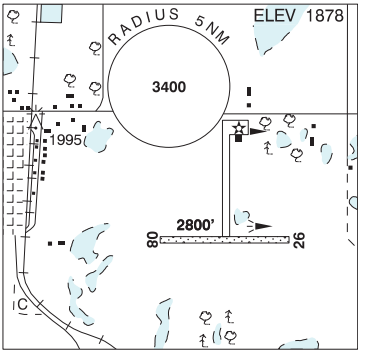
REF	N49 08 50 W98 52 51 2E 5°E (2015) UTC-6(5) Elev 1525' A5007
OPR	Muni 204-873-2591 Reg
PF	B-1 C-2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	For svcg 204-825-2019/2671/2540/2154
FUEL	100LL
S	4,5,6
RWY DATA	Rwy 08(085°)/26(265°) 2950x75 GRASS
RCR	Opr No win maint
COMM	
ATF	Louise Muni tfc 123.2 5NM 4600 ASL



CRYSTAL LODGE (MIDGETT FIELD) SK — See CREE LAKE / CRYSTAL LODGE (MIDGETT FIELD)

CUDWORTH MUNI SK — CJD2

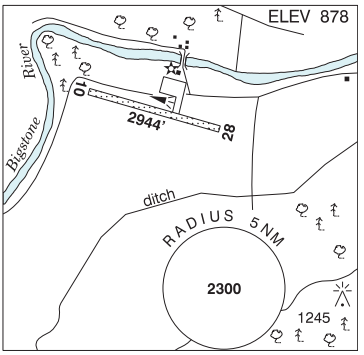
REF	N52 29 00 W105 43 02 Adj E 10°E (2015) UTC-6 Elev 1878' A5015
OPR	Town 306-256-3492 Reg
PF	B-1 C-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
OIL	All
S	1,4,5,6
RWY DATA	Rwy 08(083°)/26(263°) 2800x75 treated gravel
RCR	Opr Ltd win maint. Numerous sfc breaks.
COMM	
ATF	tfc 123.2 5NM 4900 ASL
PRO	Rgt hand circuits Rwy 08 (CAR 602.96).
CAUTION	Extv glider activity on A/D. Twy ocsl used for ldg & tkof.



CUMBERLAND HOUSE SK

CJT4

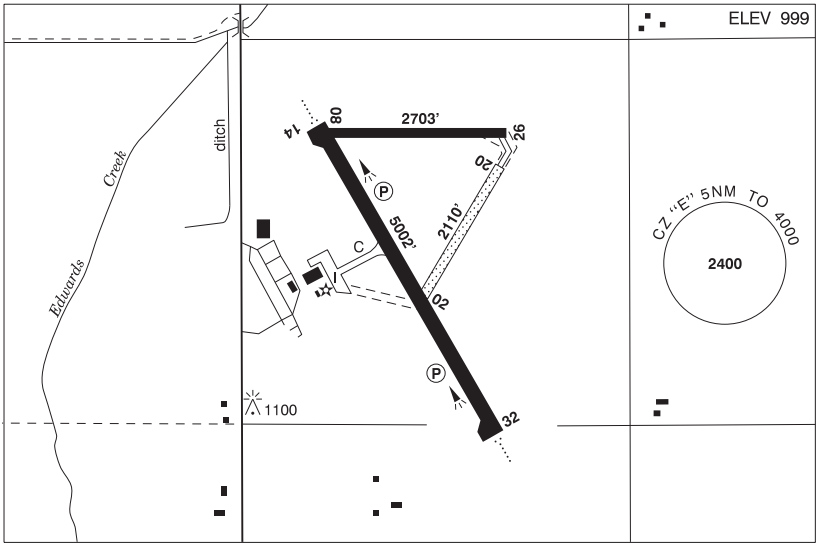
REF	N53 57 22 W102 17 54 0.7W 8°E (2013) UTC-6 Elev 878´ A5016 LO1 LO3 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 10(100°)/28(280°) 2944x85 treated gravel AGN II District Office 306-953-3550 or Opr Ltd win maint



LIGHTING	10-(TE LO), 28-(TE LO) Rwy lgts lctd 15' outside of rwy edge. ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 28 (CAR 602.96).
CAUTION	Extv bird activity Apr-Oct.

CU NIM AB — See BLACK DIAMOND / CU NIM

DAUPHIN (LT. COL W.G. (BILLY) BARKER, VC) MB — CYDN



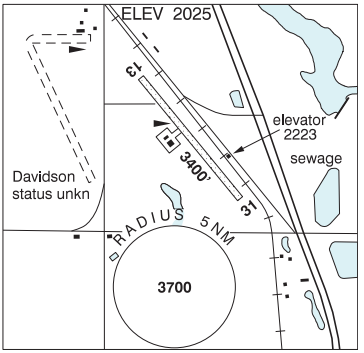
REF	N51 06 05 W100 03 12 3S 6°E (2012) UTC-6(5) Elev 999´ A5007 LO4 HI4 CAP
OPR	Dauphin Regional Aprt Authority 204-648-3297 Fax 204-622-3290 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA1 Cardlock H24 Visa/Mastercard. SP avbl PN.
S	1(ltd) 204-648-3297, 2,4,5,6
RWY DATA	Rwy 14(144°)/32(324°) 5002x150 ASPH Rwy 08(084°)/26(264°) 2703x75 ASPH Rwy 02(024°)/20(204°) 2110x60 GRVL Rwy 20 up 0.47%
RWY CERT	Rwy 14/32 AGN IV Rwy 08/26 AGN II Rwy 02/20 AGN I
RCR	Opr 13-21Z‡ Mon-Fri exc hols Rwy 02/20 and Rwy 08/26 no win maint
LIGHTING	08-(TE ME), 26-(TE ME), 14-AO(TE ME) P2, 32-AO(TE ME) P2 ARCAL-122.3 type K
COMM	
RCO	Brandon rdo 122.3 (RAAS) 12-02Z‡ Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	Brandon rdo 12-02Z‡ O/T tfc 122.3 5NM 4000 ASL (CAR 602.98)
AWOS	128.6
NAV	
DME	DAUPHIN YDN 116.1 Ch 108 N51 06 18 W100 03 08 (1021')

DAUPHIN (LT. COL W.G. (BILLY) BARKER, VC) MB (Cont'd) CYDN

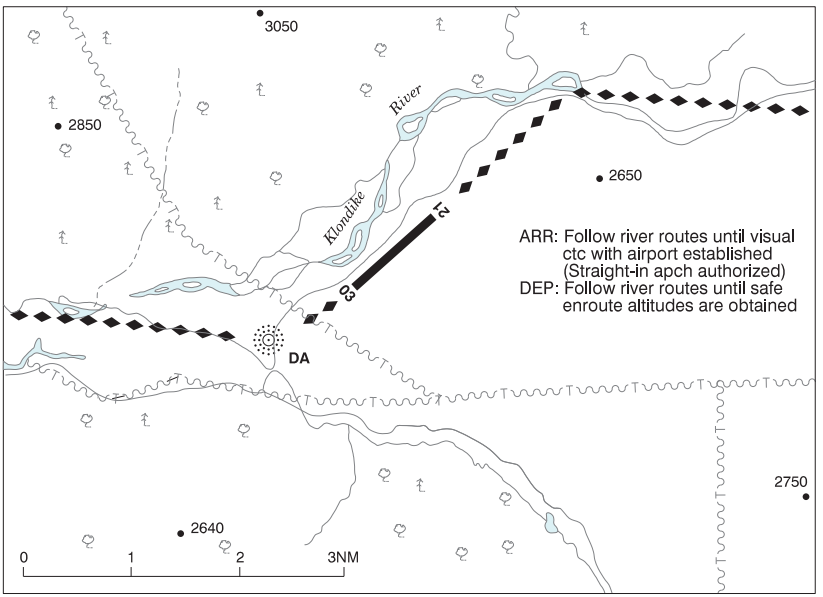
PRO	**ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Dauphin Class E Airspace 12,500' and below.
CAUTION	Expect mdt to severe turbulence & wind shear with wind fr Riding mtns.

DAVIDSON MUNI SK CJC3

REF	N51 14 52 W105 58 35 Adj S 10°E (2016) UTC-6 Elev 2025' A5006
OPR	Town 306-567-2040/3035 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 13(129°)/31(309°) 3400x65 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5100 ASL
PRO	Rgt hand circuits rwy 31 (CAR 602.96)
CAUTION	Grain elevator 360' E of rwy centreline. Ocsl severe turbulence with wind fr N to E.

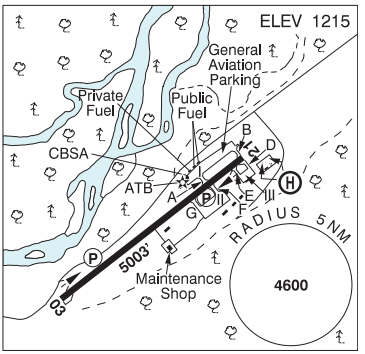


DAWSON CITY VFR TERMINAL PROCEDURES CHART



DAWSON CITY YT

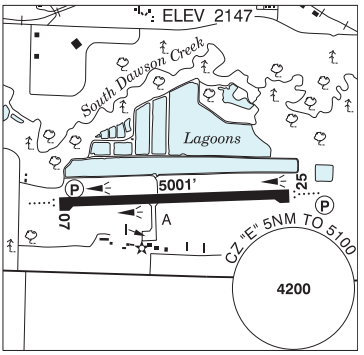
CYDA



REF	N64 02 32 W139 07 48 8E 19°E (2020) UTC-7 Elev 1215´ A5028 A5034 LO5 HI2 CAP
OPR	Govt of Yukon 867-993-7709, 867-634-2046 Cert
PF	A-1 D-2,3,4,5,7,8
CUST	AOE/15 888-226-7277 15-03Z mid-May to mid-Sep, 1500-2330Z Mon-Fri, mid-Sep to mid-May
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-993-5338 Ltd hrs (see COMM) Fax 867-993-6481
WX	METAR dur CARS hrs (see COMM) O/T LWIS 17-24Z Dec 1-Jan 31, issue times 17Z, 21Z 16-23Z Feb 1-May 31, issue time 16Z 14-02Z Jun 1-Sep 30, issue times 14Z, 21Z 16-23Z Oct 1-Nov 30, issue time 16Z
SERVICES	Call out charges may be levied for one or more svcs. Fuel stor by permit only ctc opr.
FUEL	100LL, JA-1 Aero Logistics Ltd 15-22Z Mon-Fri May 1-Sep 30, O/T call out chg 867-393-4359, 867-335-5825 24H PN
S	4,5,6
RWY DATA	Rwy 03(032°)/21(212°) 5003x100 ASPH
RWY CERT	Rwy 03/21 AGN IIIA
TWY CERT	Twy: B AGN II
TWY	Twys D, E, F, G: Clsd Sep 15-Mar 31. Twys B: Occasionally clsd dur snow removal ops, rstd to acft with max taxi weight 12,500 lbs or less.
APRON	Apron II: Clsd Sep 15-Mar 31 Apron III: Pvt
RCR	CARS, dur CARS hrs ops (see COMM) Aprt maint avbl 14-23Z ctc 867-993-7719
LIGHTING	03-P2 3.0°, 21-P2 4.0° P2 lgts avbl dur CARS hrs ops only. Rising terrain penetrates. PAPI apch slope aprx 2NM fr Thld 03 and aprx 1NM fr Thld 21.
COMM	
RCO	Whitehorse rdo 123.55 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 4200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-24Z Dec 1-Jan 31, 14-23Z Feb 1-May 31, 12-02Z Jun 1-Sep 30, 14-23Z Oct 1-Nov 30
NAV	
NDB	DA 214 (M) N64 01 44 W139 10 04
PRO	**AIRPORT RESTRICTION:** Pursuant to CAR 602.96 (3) (d), aprt use rstd to daylight hrs only, exc MEDEVAC and Emergencies. Rgt hand circuits Rwy 21 (CAR 602.96). Obtain IFR dep clnc fr Whitehorse rdo prior to contacting aprt rdo. All non-sked acft with wing span over 60 ft require PN. Ctc opr.
CAUTION	High gnd penetrates tkof/apch slopes aprx 2NM fr Thld 03 and 1NM fr Thld 21. Hang/paragliding activity near Dawson City town site. Congested apron dur periods of enplaning and deplaning of large commercial acft in vic Twy A, pub fuel facility and ATB. Narrow mountainous valley, terrain rises rapidly southeast of RWY 03/21.

DAWSON CREEK BC — CYDQ

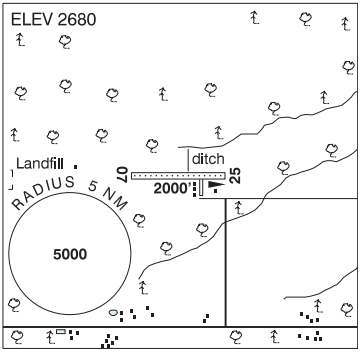
REF	N55 44 30 W120 11 00 2SE 18°E (2013) UTC-7 Elev 2147´ A5014 LO1 HI3 CAP
OPR	City 250-782-3142 1500-2330Z May-Sep; 1400-0130Z Mon-Fri, 1530-2400Z Sat-Sun Oct-Apr Cert
PF	A-1,2,3,6 avbl 1400-0230Z Mon-Fri, 1600-2359Z Sat-Sun C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) WxCam TAF 13-05Z, issued: 1230, 1830, 0030Z



SERVICES	1500-2330Z May-Sep; 1400-0130Z Mon-Fri, 1530-2400Z Sat-Sun Oct-Apr, O/T 1 hr PN call out chg may be levied for one or more svcs.
FUEL	100LL, JA (Self-serve, Visa, Mastercard)
S	1,4,5,6
SUP FL	D-Ice
RWY DATA	Rwy 07(068°)/25(248°) 5001x150 ASPH
RWY CERT	Rwy 07/25 AGN IV
RCR	Opr 1500-2330Z May-Sep; 1400-0130Z Mon-Fri, 1530-2400Z Sat-Sun Oct-Apr, O/T 1 hr PN, call out chg CRFI, PLR/PCN
LIGHTING	07-AO (non-std 1450´) (TE ME) P2, 25-AO(TE ME) P2 ARCAL-122.2 type K
COMM	
RCO	Peace River rdo 122.2 (RAAS) 1330-0530Z emerg only 780-624-5142
MF	Peace River rdo 122.2 1330-0530Z O/T tfc 122.2 5NM 5100 ASL (CAR 602.98)
AWOS	128.55
PRO	For IFR clnc outside of RAAS hrs phone Edmonton ACC prior to dep.
CAUTION	Extv migratory bird activity in vic of Rwy 07/25 Apr-Nov.

DAWSON CREEK (FLYING L RANCH) BC — CDC3

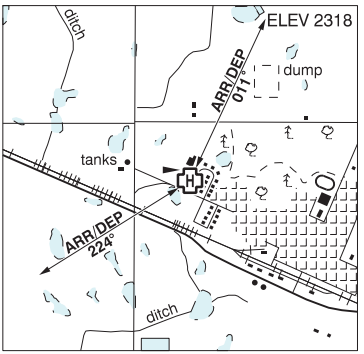
REF	N55 49 14 W120 27 10 7.5NW 19°E (2012) UTC-7 Elev 2680´ A5014
OPR	Rod Folster 259-782-6876 Reg PN
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5,6
RWY DATA	Rwy 07/25 2000x75 GRASS Rwy 25 up 1.5%.
RCR	Opr Ltd win maint. Rwy strength/cond subject to seasonal/climatic vars.

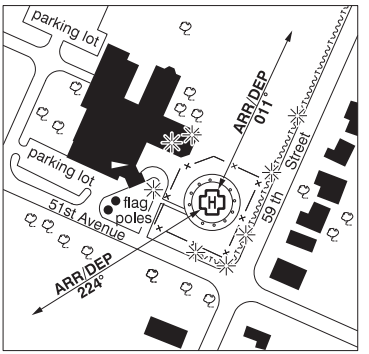


DAWSON CREEK (FLYING L RANCH) BC (Cont'd) CDC3

COMM ATF	tfc 122.2 5NM 5700 ASL (Common freq with Dawson Creek A/D 10NM E).
CAUTION	Terrain rises 25´ & trees to 40 AGL within 400´ W thld Rwy 07. Trees aprx 20 AGL along S side rwy. Anticipate turbulence on apch Rwy 25.

DAYSLAND HEALTH CENTRE AB (Heli) CDL3

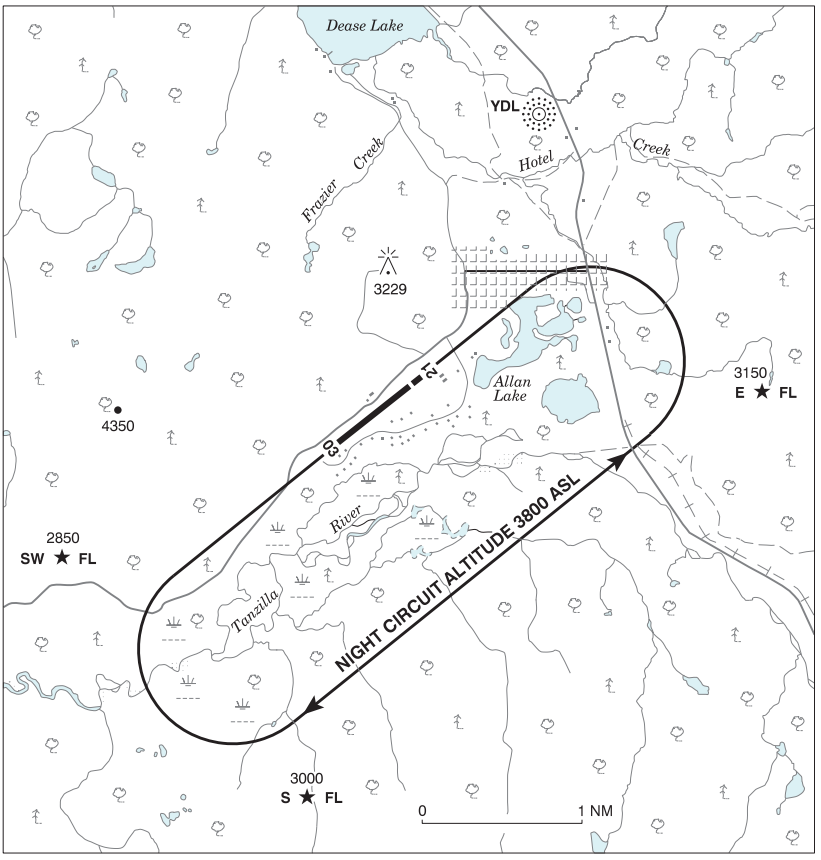




REF	N52 52 08 W112 16 22 14°E (2013) UTC-7(6) Elev 2318´ VTA A5015
OPR	Alberta Health Services 780-374-3746 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) green ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5400 ASL
PRO	Arr/dep 011° & 224° fr heli (H1), NVIS rqrd all flt paths (CAR 602.96).
CAUTION	P-lines S & E of heli. Unlighted flag poles 150' W heli.

DAYSPRING AIRPARK NS — See BRIDGEWATER / DAYSPRING AIRPARK

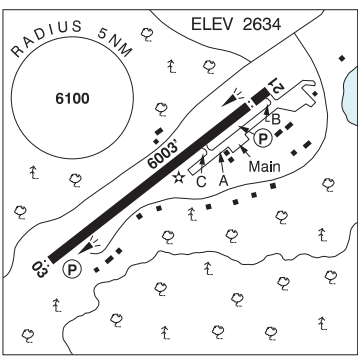
DEASE LAKE VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



DEASE LAKE BC

CYDL

REF	N58 25 20 W130 01 53 1.5S 19°E (2020) UTC-8(7) Elev 2634' A5021 LO5 HI2 RCAP
OPR	Stikine Airport Society 250-771-3039/5911, 250-617-1482 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) TAF 13-00Z‡, issue times: 13, 19Z (DT 12, 18Z) WxCam

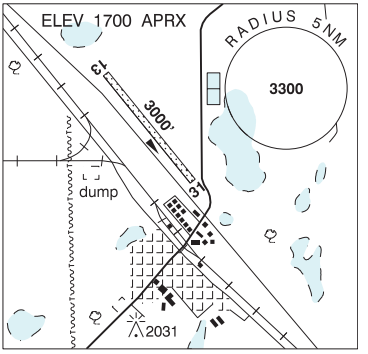


DEASE LAKE BC (Cont'd) CYDL

SERVICES	
FUEL	100LL, JA-1 (FSII avbl) TNDC 250-617-1482, 250-771-5911
S	4,6
RWY DATA	Rwy 03(033°)/21(213°) 6003x100 asphalt Thld 21 displ 402'. First 1600' Rwy 03 up 1.5%
APRON	Apron Main: Parking available only at the Main apron with plug-in facilities
RCR	TNDC 250-617-1482, 250-771-5911
LIGHTING	03-AS(TE ME) P2 4°, 21-AS(TE ME) P2 4° ARCAL-123.2 type K exc RILS on high setting only. Ngt ops are not recommended unless all 3 hazard bcns are oprg.
COMM	
RCO	Whitehorse rdo 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5600 ASL
AWOS	128.7
NAV	
NDB	YDL 200 (M) N58 27 14 W129 59 46
PRO	Rgt hand circuits Rwy 03 (CAR 602.96). Ngt circuits 3800 ASL (1200 AGL). Ngt circuit pro depicted on VTPC.
CAUTION	Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness.

DEBDEN SK CKH3

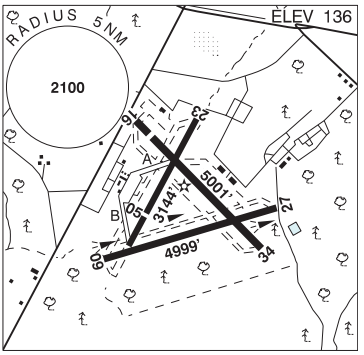
REF	N53 31 55 W106 53 02 Adj N 11°E (2015) UTC-6 Elev 1700´ aprx A5015
OPR	Town 306-724-2040 Reg
PF	B-1,2 C-5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	For svcg 306-724-2035/2165
FUEL	MG-1
S	4
RWY DATA	Rwy 13(130°)/31(310°) 3000x100 GRASS Rwy 13 slopes down.
RCR	Opr O/T 724-2035 Ltd win maint



COMM	
ATF	tfc 123.2 5NM 4700 ASL
PRO	Rgt hand circuits Rwy 31 (CAR 602.96).
CAUTION	Berm aprx 10´ high 100´ NW of Thld 13.

DEBERT NS

CCQ3

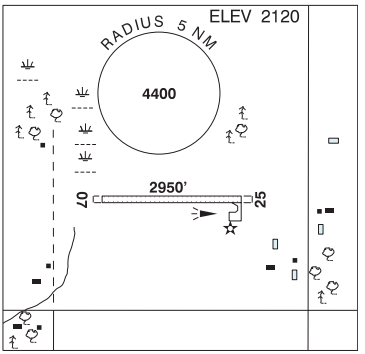


REF	N45 25 09 W63 27 41 18°W (2013) UTC-4(3) Elev 136´ A5003 LO8 HI6 CAP
OPR	Debert Flight Center 902-662-2228 or 902-897-3175 Reg
PF	B-1 C-2,3 D-4,5,6
CUST	AEO/25 888-226-7277 12-02Z‡; AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	AUTO H24 (see COMM) WxCam
SERVICES	
FUEL	100LL, JA
OIL	15W50
RWY DATA	Rwy 05(048°)/23(228°) 3144x150 asphalt Rwy 23 down 0.53% Rwy 09(091°)/27(271°) 4999x150 asphalt AGN IIIA Rwy 16(153°)/34(333°) 5001x150 asphalt Thld 16 displ 500´.
RCR	Opr Ltd win maint
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.0 type J PN
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 3100 ASL
ARR	Halifax Tml 119.2
DEP	Halifax Tml 119.2
AUTO	122.275
PRO	Refer to Halifax/Stanfield VTPC for info on local tng areas and Class D airspace. Rgt hand circuits auth for gliders & tow planes (CAR 602.96). **DO NOT OVERFLY AERODROME** dur glider ops. Glider ops 123.0 dur glider activity.
CAUTION	**GLIDER:** Glider activity Jun-Aug. Vehicle & acft launching. **TWYS:** All twys ruf. **PARADROPS:** Paradrops Jan to May & Sep to Dec below 12,500 ASL within 2NM. **RWY:** Rwy 05/23 surfaces deteriorating. 2000´ abandoned portion of Rwy 05/23 suitable for taxi only. Lgtd twr 407 ASL (295 AGL) aprx 1.8NM SW.

DEBOLT AB

CFG4

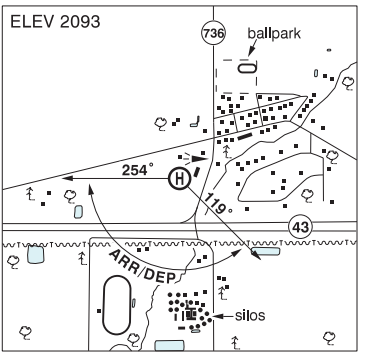
REF	N55 14 W118 02 1N 18°E (2012) UTC-7(6) Elev 2120´ A5014
OPR	Municipal District of Greenview 780-524-7601 Reg
PF	A-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(072°)/25(252°) 2950x75 GRASS
RCR	Opr Clsd 1 Oct thru 30 Apr Ltd maint
COMM	
ATF	tfc 123.2 5NM 5200 ASL



DEBOLT FIRE HALL AB (Heli)

CDB2

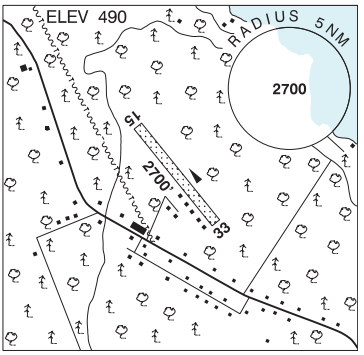
REF	N55 13 00 W118 01 46 Adj 16°E (2024) UTC-7(6) Elev 2093' A5014
OPR	M.D. Greenview No. 16 780-524-7600 aerodrome@mdgreenview.ab.ca Reg PPR
PF	B-7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 130' dia ASPH Safety Area 173' dia Max heli overall length 86.3'
RCR	Opr
LIGHTING	RW(ME) LED FL ARCAL-123.05 type J
COMM	
ATF	tfc 123.2 5NM 5200 ASL
PRO	Arr/dep 119° to 254° fr heli, slope 16%
CAUTION	Lgtd tower 2444 ASL (348 AGL) aprx 0.3NM WNW of heli. Unmarked fire hall E of heli. Lgtd tower aprx 300' NE of heli, at fire hall. Unmarked grain terminal N of heli. Marked p-line S of heli. Trees E & W of heli.



DEEP RIVER / ROLPH ON

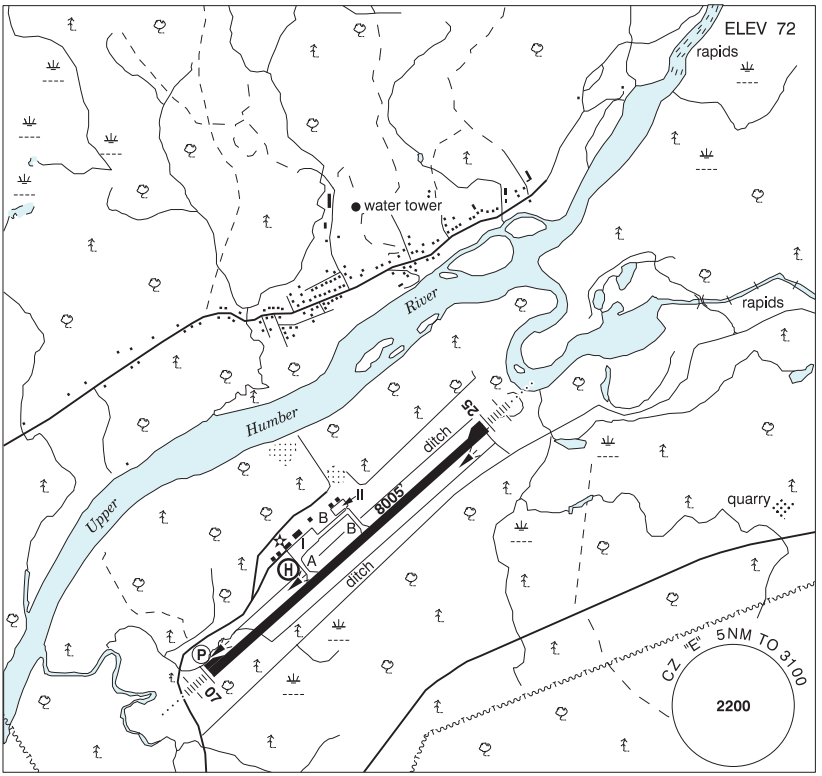
CPH2

REF	N46 07 W77 32 2NW 13°W UTC-5(4) Elev 490´ A5000 A5001
OPR	Gary McAnulty 613-584-4011 Reg
PF	B-1,2,5 C-3,4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15/33 2700x150 GRASS Opr Ltd win maint. Soft when wet.
COMM ATF	tfc 122.8 5NM 3500 ASL



DEER LAKE NL

CYDF



REF	N49 12 33 W57 23 40 3NNE 20°W (2013) UTC-3½(2½) Elev 72´ A5011 A5012 LO8 HI6 CAP
OPR	Deer Lake Regional Airport Authority Inc. 709-635-3601 H24 Cert

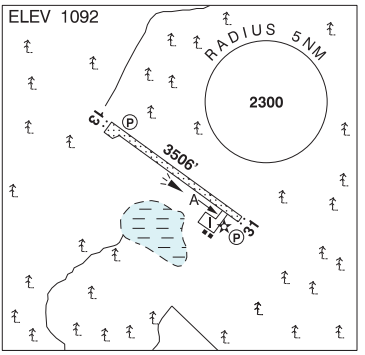
DEER LAKE NL (Cont'd) CYDF

PF	A-1,2,3,6,7 C-4,5
CUST	AOE/120 (250 with staged off-loading) 888-226-7277 1830-0230Z‡ Mon-Fri, Feb 1-May 30; 1130-1930Z‡ Mon-Fri, Jun 22-Sep 30; AOE/15 H24
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z.
SERVICES	
FUEL	100LL, JA-1
OIL	All
ARFF	DESIGNATED CAT 6 (CAT 7 30 min PN 709-635-3840)
SUP FL	D & A-ice
PVT ADV	Nalair 122.85 709-635-3574 Fax 709-635-3901 Woodward Aviation 709-635-3776
MIL CON	Woodward's Oil Limited 709-635-3776
RWY DATA	Rwy 07(066°)/25(246°) 8005x150 ASPH Rwy 07 up 0.35%
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IV
HELI DATA	Two 50´ dia pads.
RCR	Opr CRFI PLR/PCN
LIGHTING	07-AN (TE HI) P2, 25-AN (TE HI)
COMM	
RADIO	122.2 239.6 PTC avbl (E) (emerg only 709-635-2848)
RCO	London rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.2 5NM 3100 ASL (CAR 602.98)
PAL	Gander Ctr 134.6
NAV	
VOR/DME	YDF 113.3 Ch 80 N49 13 57 W57 12 48 (450')
DME	IDF 108.3 Ch 20 N49 12 55 W57 23 14 (96')
ILS	IDF 108.3 (Rwy 25) LOC reliable only within 10° either side of centreline.
CAUTION	Water tower 1NM N of thld Rwy 25, 225 ASL.

DEER LAKE FSS - RCO

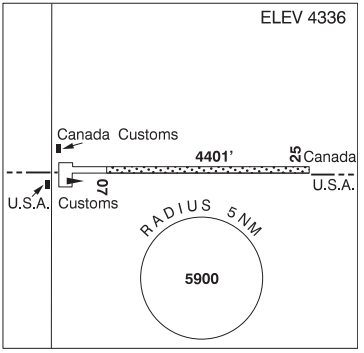
St. Anthony 122.3 (RAAS) (N51 23 31 W56 04 59)

DEER LAKE ON — CYVZ



REF	N52 39 21 W94 03 41 3N 0° (2009) UTC-6(5) Elev 1092′ A5017 LO3 LO4 CAP
OPR	Govt of Ontario - MTO 807-775-2003 14-23Z‡ Mon-Fri exc hols Cert H24
PF	C-1,4
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 13(128°)/31(308°) 3506x100 GRVL First half of Rwy 13 up 0.88%
RWY CERT	Rwy 13/31 AGN IIIA
RCR	Aprt Foreperson 807-252-8573 Ltd maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.8 type K
COMM ATF	tfc 122.8 5NM 4100 ASL

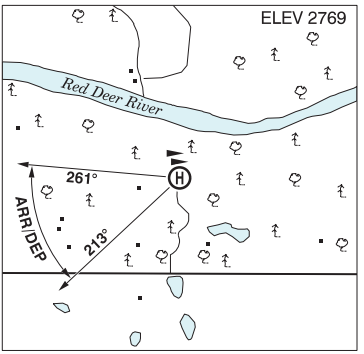
DEL BONITA / WHETSTONE AB — CEQ4



REF	N48 59 55 W112 46 34 2S 14°E (2012) UTC-7(6) Elev 4336' A5005
OPR	Montana Aeronautics Division 406-444-2506 Reg
CUST	AOE/15 888-226-7277 15-04‡ Jun 01-Sep 15, 16-01‡ Sep16-May 31; U.S. cust 406-336-2130 SR-SS 16-24Z‡ Mon-Fri
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(076°)/25(256°) 4401x65 GRASS
RCR	Opr No win maint. Ltd sum maint.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 7400 ASL
CAUTION	Twy/prkg area W of thld Rwy 07 along extended rwy centreline.

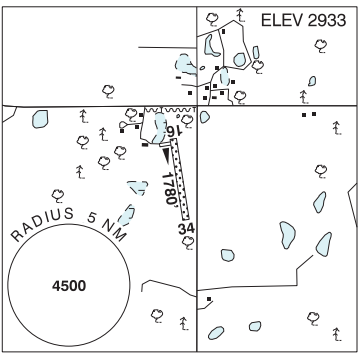
DELBURNE / HALL RESIDENCE AB (Heli) CDB3

REF	N52 14 11 W113 24 32 6.9W 14°E (2017) UTC-7(6) Elev 2769' A5005 A5015
OPR	Dean Hall 403-304-2000 Reg PPR
PF	C-1 D-2,3,4,5,6,7,8
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 64' dia GRASS Safety Area 85' dia Max heli overall length 42.7'
RCR	Opr Ltd hrs
COMM **ATF**	123.2 5NM 5800 ASL
PRO	Arr/dep 213° to 261° fr heli, slope 8% (H3), day use only.
CAUTION	Avoid overflying nearby houses. Several bldgs in vic of twy.



DELBURNE / STONEHILL FARMS AB CSF6

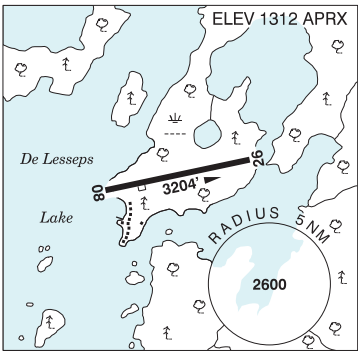
REF	N52 08 19 W113 17 31 4.1SSW 14°E (2022) UTC-7(6) Elev 2933' A5005 A5015
OPR	Jeff Deuchar 780-839-9338 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(157°)/34(337°) 1780x75 GRASS
RCR	Opr No win maint
COMM **ATF**	tfc 123.2 5NM 6000 ASL
CAUTION	P-line N of thld Rwy 34. Ocsl RPAS on A/D max 400 AGL.



DE LESSEPS LAKE ON

CKF9

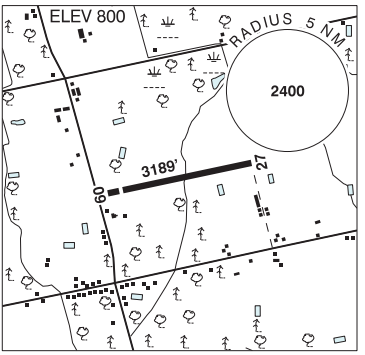
REF	N50 43 03 W90 41 01 3°W (2014) UTC-6(5) Elev 1312 aprx A5008
OPR	Guardian Eagle Resort 204-392-4596, 1-855-922-3474 Reg PPR
PF	B-1,2,5 PN Opr May 1-Sep 30
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL	100LL 24 hrs PN
RWY DATA RCR	Rwy 08(080°)/26(260°) 3204x48 CONC Opr No win maint. Rwy rises fr both thlds towards mid-point.
COMM UNICOM	Ltd hrs O/T tfc 122.8 5NM 4400 ASL



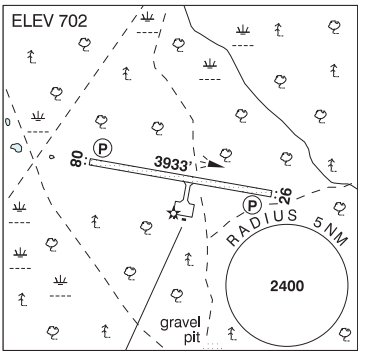
DELHI ON

CDH6

REF	N42 53 05 W80 24 22 Adj 10°W (2015) UTC-5(4) Elev 800' A5000
OPR	Peter Vanberlo 519-427-7722 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL 65, 80 1,2,4,5
RWY DATA RCR	Rwy 09(088°)/27(268°) 3189x35 ASPH Thld 09 displ 250' Opr
LIGHTING	09-(TE ME), 27-(TE ME) ARCAL-122.625 type J
COMM ATF	tfc 123.2 5NM 3000 ASL
PRO	Monitor 122.9 for activity at Nixon A/D.



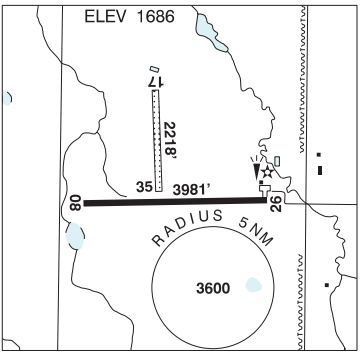
DÉLINE NT — CYWJ



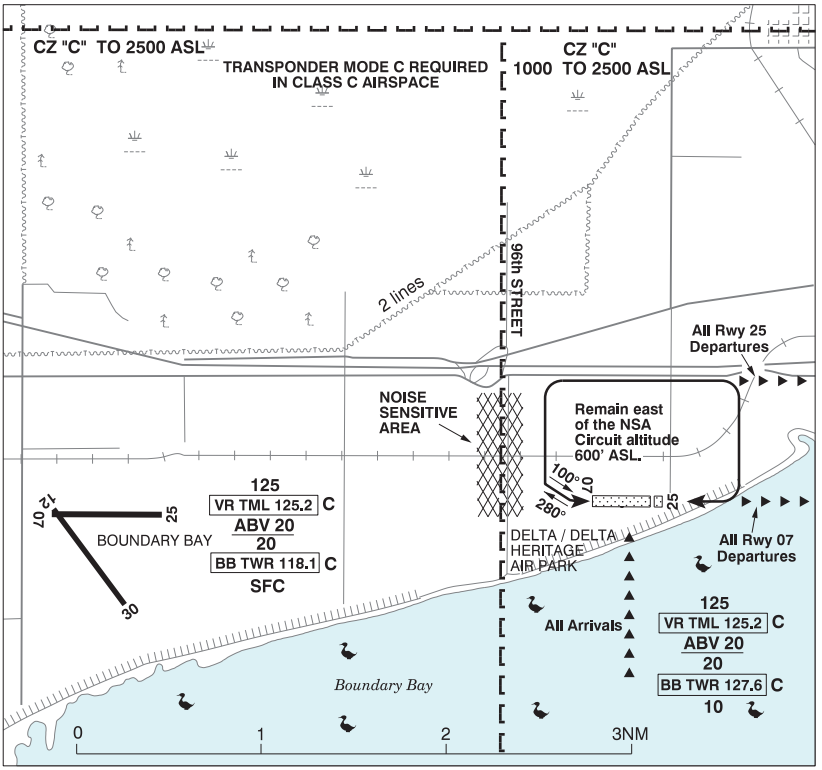
REF	N65 12 40 W123 26 11 1.4NW 21°E (2017) UTC-7(6) Elev 702´ A5035 LO5 CAP
OPR	Govt of Northwest Territories 867-587-2451 Emerg/Incident rpt 877-989-1400 1530-1730Z‡, 2315-0030Z‡ Mon, Tue, Thu & Fri, 1530-1730Z‡, 2230-0030Z‡ Wed, exc hols, O/T 2 hr PN ctc 867-445-0488 or 867-421-7286. Call out chg may be levied. Cert
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-589-3033 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-00Z‡, Mon-Sat, issue times: 1510, 1740Z (DT 1410, 1740Z). Exc federal observed hols.
SERVICES	
FUEL	JA-1 Mon-Fri 1500-0030Z‡ 867-589-3361 O/T call out charge. 867-589-3162/3514
RWY DATA	Rwy 08(080°)/26(260°) 3933x99 GRVL Rwy 08 down 0.49%
RWY CERT	Rwy 08/26 AGN II
RCR	Opr Win maint 1530-0030Z‡ Mon-Fri exc hols Oct 1-Apr 30, O/T 2 hrs PN ctc 867-445-0488 or 867-421-7286. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	08-AS(TE ME) AP, 26-AS(TE ME) AP ARCAL-122.1 type K Key mic 7 times for AS. APAPI avbl only dur CARS hrs ops.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3700 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-00Z‡ Mon-Sat, 18-23Z‡ Sun, exc federal observed hols
CAUTION	Caribou may be on or in vic rwy. Extv migratory bird activity Apr-Oct.

DELORAINE MB CJJ4

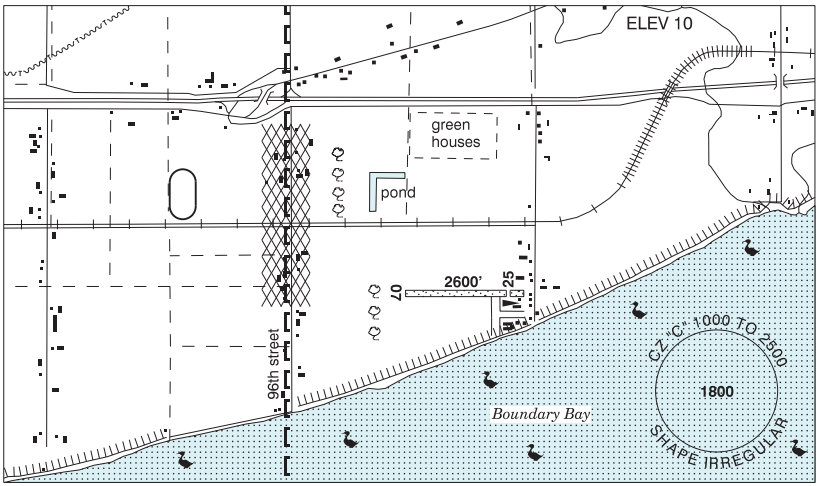
REF	N49 09 02 W100 30 02 3S 6°E (2013) UTC-6(5) Elev 1686´ A5007 LO4 CAP
OPR	Deloraine Flying Club 204-747-2018/4787, 204-747-4011 or 204-522-5140/5883 Fax 204-747-2927 Reg
PF	B-1 C-2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	For svcs ctc opr 100LL, JA-1 80, 100, 20W50 2,3,4,5,6
RWY DATA **RCR**	Rwy 08(084°)/26(264°) 3981x75 ASPH Rwy 08 up 0.31% AGN II Rwy 17(174°)/35(354°) 2218x100 GRASS/GRVL Rwy 17 up 0.41%. Opr Rwy 17/35 ltd win maint.
LIGHTING	08-(TE LO), 26-(TE LO), 17-(TE LO), 35-(TE LO) SS to SR Rwy 08/26 rwy lgts lctd 12.5' outside of rwy edge. ARCAL-122.8 activates only rwy alignment strobes (4 lgts) Rwy 26 and (3 lgts) Rwy 08 (5 clicks on, 3 clicks off)
COMM **ATF**	 tfc 122.8 5NM 4700 ASL
CAUTION	Rising terrain S of A/D.



DELTA / DELTA HERITAGE AIR PARK VFR TERMINAL PROCEDURES CHART



DELTA / DELTA HERITAGE AIR PARK BC CAK3



REF	N49 04 43 W122 56 17 4.5E 17°E (2013) UTC-8(7) Elev 10′ VTA A5004
OPR	Recreational Aircraft Association, Chap 85 (DapCom) 604-543-8894, Caretaker 604-722-3791 Reg PPR by phone 604-878-9050
PF	B-1 C-2,3,6 D-4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
S	4,5
RWY DATA	Rwy 07/25 2600x75 GRASS Thld 25 displ 300'
RCR	Opr No win maint. Rwy soft when wet
COMM	
ATIS	Boundary Bay 125.5 15-07Z‡
ATF	tfc 123.3 2NM below 1000 ASL Excluding that portion which penetrates Boundary Bay class "C" airspace.

DELTA / DELTA HERITAGE AIR PARK BC (Cont'd) CAK3

PRO	
HELI	Heli tng not auth.
NOISE	Circuit alt 600 ASL. Rgt hand circuits Rwy 25 (CAR 602.96). NOISE ABATEMENT PROCEDURES: Departures: Rwy 25 Dep: When safe hdg 280°, then further right turn to crosswind to avoid noise sensitive area. Downwind dep auth fr Rwy 25 at 600 ASL. No southbound dep until clear of circuit to E. Avoid flt over dike and adj water area below 600 ASL. Arrivals: All arr to air park fr seaside. Cross midfield at 600 ASL and join downwind (CAR 602.96). Rwy 07 Arr: Fr downwind, turn on base leg well bfr 96th Street to avoid noise-sensitive area. When S of railway tracks hdg 100° to intercept final apch E of row of trees. Boundary Bay A/D 2.5NM W, obtain clnc prior to entering Boundary Bay CZ. Refer to VTPC. Procedures for crossing the Southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl VTPC FOR CROSSING THE SOUTHERN STRAIT OF GEORGIA ABOVE 2500FT.
CAUTION	Extremely confined circuit. Trees 750' fr thld Rwy 07, trees and obst adj to thld Rwy 25. Acft unable to accommodate noise abatement procedures and obst avoidance should avoid the air park. Beware of Boundary Bay A/D tfc close to Delta Heritage Air Park.

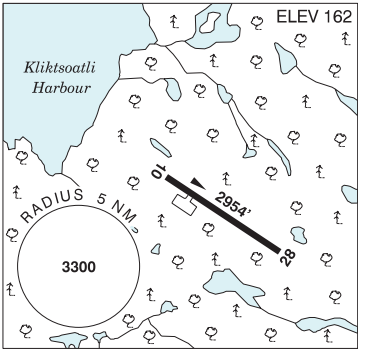
DELTA HERITAGE AIR PARK BC — See DELTA / DELTA HERITAGE AIR PARK

DELTA TANGO FIELD AB — See EAGLESHAM / DELTA TANGO FIELD

DENNIS G PUNCHES FIELD MB — See UTIK LAKE / DENNIS G PUNCHES FIELD

DENNY ISLAND BC CYJQ

REF	N52 08 23 W128 03 49 2E 19°E (2012) UTC-8(7) Elev 162´ A5004 A5013 LO2
OPR	Denny Island Aprt Commission C/O Central Coast Regional District 250-957-2305 Reg
PF	C-1,2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 10(104°)/28(284°) 2954x100 asphalt
RCR	Opr No win maint



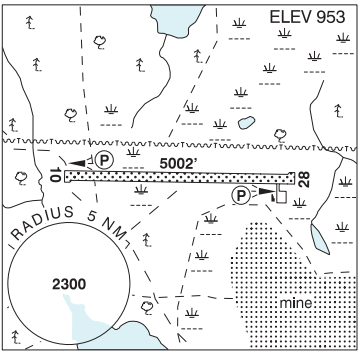
COMM	
RCO	Pacific rdo (Bella Bella (Campbell Is.) 123.475 (FISE) 126.7 (bcst) May not be receivable on ground.
ATF	tfc 122.8 5NM 3200 ASL

DENNY ISLAND BC (Cont'd) CYJQ

NAV	
NDB	BELLA BELLA YJQ 325 (L) N52 11 07 W128 06 49

DETOUR LAKE ON CDT9

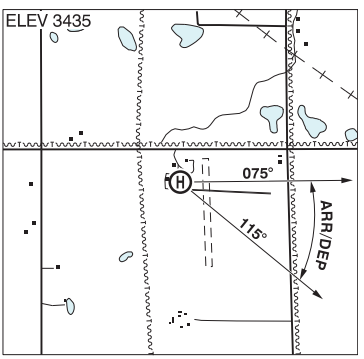
REF	N50 02 38 W79 44 46 12°W (2022) UTC-5(4) Elev 953' A5009 LO3 HI4 CAP
OPR	Agnico Eagle Mines Ltd. 647-847-2089 ext 2106 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM) ALTIMETER/WIND H24 (see COMM)
RWY DATA	Rwy 10(103°)/28(283°) 5002x148 GRVL AGN IIIA
RCR	Opr



LIGHTING	10-(TE HI) P2, 28-(TE HI) P2 ARCAL-122.95 type K
COMM	
ATF	UNICOM (AU) 122.95 5NM 4000 ASL
AUTO	122.175
PRO	Noise sensitive caribou habitat W and E of rwy, turn S as early as safely able on dep.
CAUTION	P-line aprx 600' N of rwy. Rock piles aprx 0.75NM S Thld 28. Blasting ops 1.5NM S A/D 14-20Z‡ to 2600 ASL.

DE WINTON (HIGHWOOD) AB (Heli) CED6

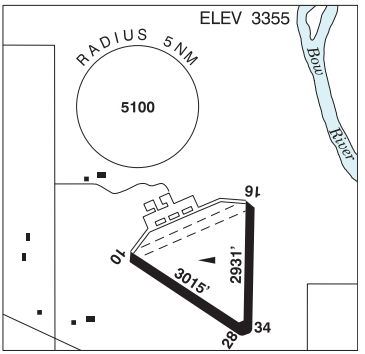
REF	N50 48 11 W113 53 34 5ESE 14°E (2014) UTC-7(6) Elev 3435´ VTA A5005
OPR	2124068 Alberta Ltd 403-938-1855 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	100'X125' CONC/GRASS
RCR	Opr



COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6500 ASL
PRO	Arr/Dep btwn 075°-115° fr heli

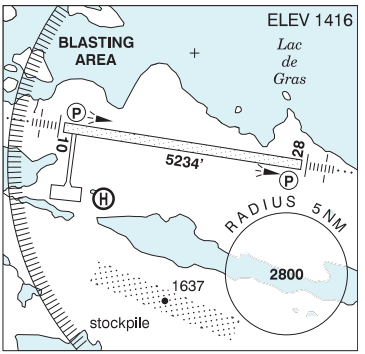
DE WINTON / SOUTH CALGARY AB — CEH4

REF	N50 49 19 W113 49 28 7E 15°E (2012) UTC-7(6) Elev 3355´ VTA A5005
OPR	Cordillera Petroleum of Canada Ltd 403-243-5326 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10/28 3015x150 asphalt Rwy 16/34 2931x150 asphalt
RCR	Opr No win maint
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6400 ASL
CAUTION	Rwy 10/28 and 16/34 sfcs deteriorating.



DIAVIK NT — CDK2

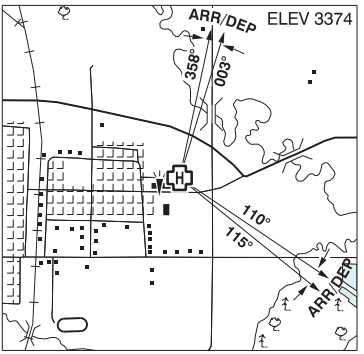
REF	N64 30 41 W110 17 23 13°E (2020) UTC-7(6) Elev 1416´ A5036 LO5 HI2 CAP
OPR	Diavik Diamond Mines (2012) Inc 867-669-6500 Ext 5544/5936/5935 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO
RWY DATA	Rwy 10(099°T)/28(279°T) 5234x167 gravel
RCR	Opr
LIGHTING	10-AN (TE HI) P3, 28-AN (non-std 1500´) (TE HI) P3
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.7 25NM centred on Ekati A/D 14.1NM NW 5000 ASL
CAUTION	High density tfc - see EKATI-DIAVIK VTPC. Caribou may be on or in vic rwy. Blasting area 0.5NM SSE A/D sfc to 2500 ASL and 14NM NW A/D (EKATI) sfc to 2600 ASL. Blasting and all clear announcements on DIAVIK unicom 122.7. Stockpile S of rwy to 1637 ASL. Wind turbine group 1.8NM SW A/D, max alt 1795 ASL



DIDSBURY AB — See OLDS-DIDSBURY

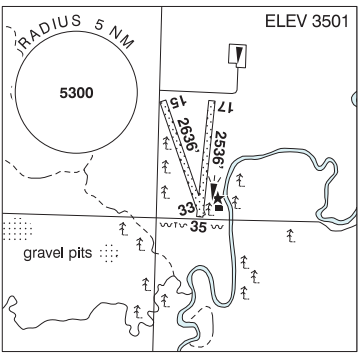
DIDSBURY DISTRICT HEALTH SERVICES AB (Heli) CDD7

REF	N51 39 42 W114 07 22 Adj ENE 14°E (2017) UTC-7(6) Elev 3374 VTA A5005
OPR	Alberta Health Services 403-507-5126 Cert PPR
PF	A-1,4 C-2,3,5 D-6
FLT PLN FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.5'
RCR	Acute Care 403-335-2530
LIGHTING	RW(LO) green LED RF(FH)
COMM ATF	tfc 123.2 5NM 6400 ASL
PRO	Arr/dep 358° to 003° fr heli, slope 8% (H3). Arr/dep 110° to 115° fr heli, slope 8% (H3).



DIDSBURY / MINTY FIELD AB CDM2

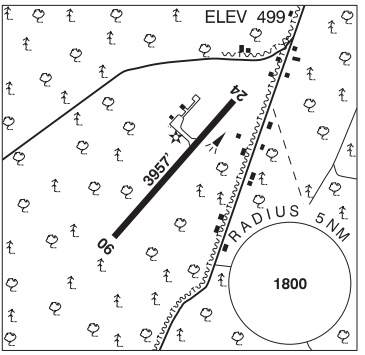
REF	N51 39 12 W114 21 11 8W 15°E (2013) UTC-7(6) Elev 3501´ A5005
OPR	C Minty 403-335-9875 Reg PPR
PF	B-1 D-4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 15(146°)/33(326°) 2636x44 GRASS Rwy 33 up 2.24% Rwy 17(171°)/35(351°) 2536x36 GRASS Rwy 35 up 0.32%
RCR	Opr
LIGHTING	17-(HI), 35-(HI) ARCAL-123.2 type K. Key mic for WI and beacon only.
COMM ATF	tfc 123.2 3NM 6500 ASL
CAUTION	P-Lines 26 AGL S of thld. Trees 75 AGL west Thld 15, 120' fr rwy centreline.



DIGBY MUNICIPAL AIRPORT NS

CYID

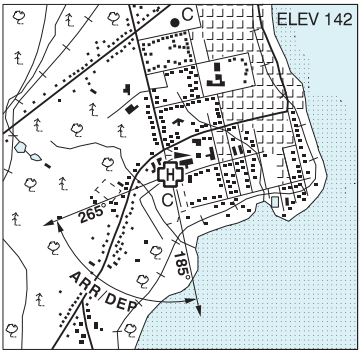
REF	N44 32 45 W65 47 09 4.5S 18°W (2012) UTC-4(3) Elev 499´ A5003 LO8 CAP
OPR	Muni of the District of Digby 902-245-5885 Reg
PF	A-1 C-2,3,4,5
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	WxCam

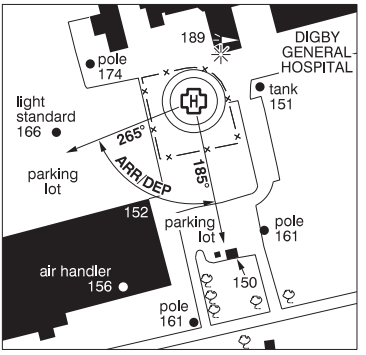


SERVICES	
FUEL	100LL, JA-1
OIL	W65, W100, 15W50, 20W50
RWY DATA	Rwy 06(060°)/24(240°) 3957x75 ASPH Rwy 06 up 1.0% AGN IIIA
RCR	Opr Win maint 12-24Z‡ O/T Contact opr PN
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-122.8 type J (includes A/D rotating beacon)
COMM	
ATF	UNICOM 122.8 5NM 3500 ASL

DIGBY (GEN HOSP) NS (Heli)

CDG2





REF	N44 36 57 W65 45 43 Adj SW 17°W (2014) UTC-4(3) Elev 142´ A5003
OPR	Nova Scotia Health Authority 902-245-2501 Cert PPR
PF	A-1,2,3,4 C-5,6,7,8
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 79’ dia ASPH Safety Area 105’ dia Max heli overall length 52.5’
RCR	Opr

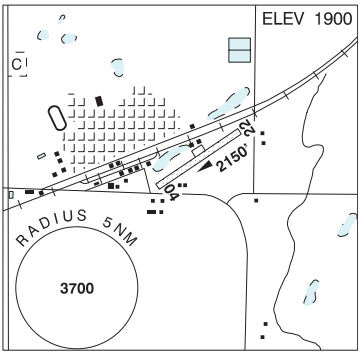
DIGBY (GEN HOSP) NS (Heli) (Cont'd) CDG2

LIGHTING	RF(FH)
COMM	
ATF	UNICOM 122.8 5NM centred on Digby Municpal Airport 4.2NM SW 3500 ASL
PRO	Arr/dep 185°-265° fr heli, (H1), day/night use.
CAUTION	Vehicles up to 14 ft in height may be in prkg lots W and S of heli. Tree aprx175 ASL (50 AGL) 412' S of heli safety area.

DILLON FIELD ON — See ZEPHYR / DILLON FIELD

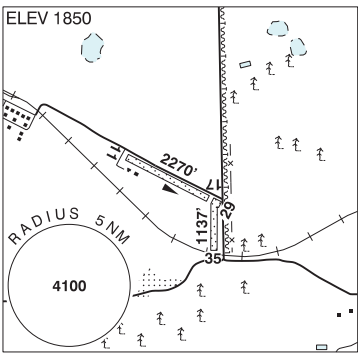
DINSMORE SK CKX5

REF	N51 19 50 W107 26 15 Adj E 11°E (2016) UTC-6 Elev 1900´ A5006
OPR	Town 306-846-2220/4509 Fax 306-846-2999 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 04(043°)/22(223°) 2150x75 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5 NM 4900 ASL



DISLEY SK CDS2

REF	N50 38 09 W105 02 09 Adj E 9°E (2015) UTC-6 Elev 1850' A5006
OPR	Vic Zubot 306-731-2249 Ron Wood 306-751-1064 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	7
RWY DATA	Rwy 11(107°)/29(287°) 2270x50 GRASS Thld 29 displ 232' West portion of Rwy 29 slopes down Rwy 17(171°)/35(351°) 1137x65 GRASS Thld 17 displ 232' Thld 35 displ 324' Rwy 17 slopes down
RCR	Opr Ltd win maint.

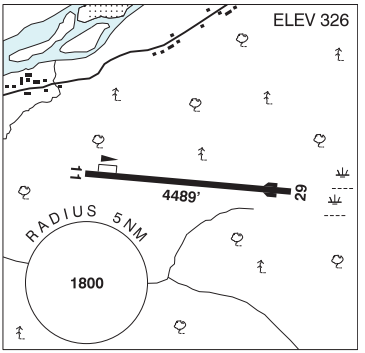


DISLEY SK (Cont'd) CDS2

COMM ATF	tfc 123.2 5NM 4900ASL
CAUTION	Road at both ends and ditches along both sides of rwys. Aprx 6' fence along E side of road at E end of rwy.

DOAKTOWN NB CDU6

REF	N46 33 09 W66 05 36 2.3NE 18°W (2013) UTC-4(3) Elev 326 A5003 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA RCR	Rwy 11(113°)/29(293°) 4489x49 ASPH Opr No win maint
COMM ATF	tfc 123.2 5NM 3400 ASL
CAUTION	Ocsl storage tanks 1050' from thld Rwy 29 right side. Tanker operations dur sum months.



DOLBEAU-MISTASSINI / POTVIN HELI-BASE QC (Heli) CPH4

REF	N48 55 51 W72 12 18 17°W (2014) UTC-5(4) Elev 425' A5010
OPR	R. Potvin 418-671-1222 Reg PPR
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	24' x 60' asphalt Opr
COMM ATF	tfc 123.2 5NM 3500 ASL

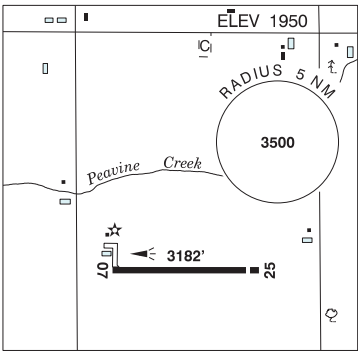
DOLBEAU-ST-FÉLICIEN QC — See LAC-SAINT-JEAN Sep 24

DONALDSON QC — See KATTINIQ / DONALDSON

DONNELLY AB

CFM4

REF	N55 42 34 W117 05 38 1.5S 17°E (2014) UTC-7(6) Elev 1950´ A5014 CAP
OPR	Smoky River Aprt Comsn 780-837-2623/2221 Reg
PF	B-1 D-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(073°)/25(253°) 3182x75 ASPH Rwy 07 up 0.44% Thld 25 displ 202' AGN II
RCR	Opr Ltd maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5000 ASL

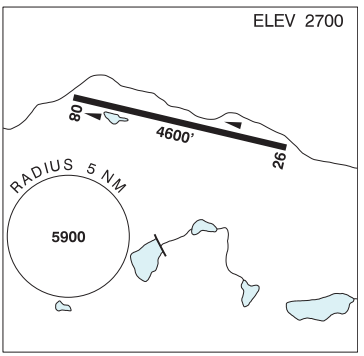


DOUGALL CAMPBELL FIELD BC — See OIE LAKE / DOUGALL CAMPBELL FIELD

DOUGLAS LAKE BC

CAL3

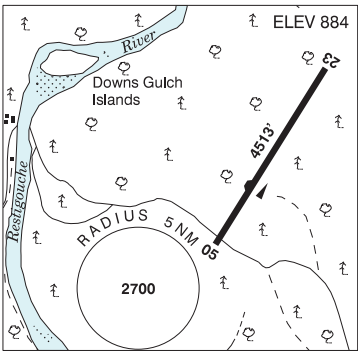
REF	N50 10 W120 11 Adj E 17°E (2012) UTC-8(7) Elev 2700´ A5004
OPR	Douglas Lake Cattle Co 250-350-3344 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 08/26 4600x40 asphalt
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 5700 ASL



DOWNS GULCH NB

CDV2

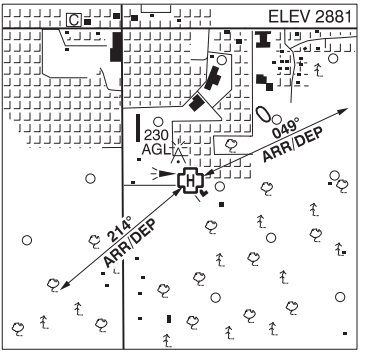
REF	N47 45 11 W67 25 36 7.5N 18°W (2013) UTC-4(3) Elev 884´ A5003 LO7 LO8 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 05(050°)/23(230°) 4513x60 ASPH Rwy 23 down 0.65%.
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3900 ASL



DRAYTON VALLEY (HEALTH CENTRE) AB (Heli)

CFV9

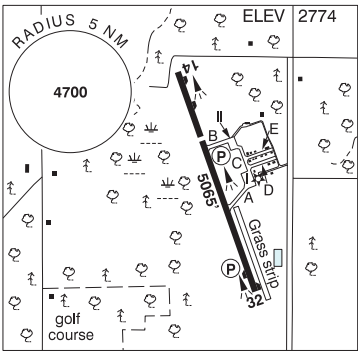
REF	N53 12 44 W114 58 15 16°E (2013) UTC-7(6) Elev 2881´ A5014 A5015 CAP
OPR	FM&E AHS 780-542-5321 Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	ALTIMETER ltd hrs (see COMM)
HELI DATA	FATO 86' dia TLOF 57' dia CONC Safety Area 115' dia Max heli overall length 57.4'
LIGHTING	RY(LO) PN
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM centered on Drayton Valley Industrial A/D 3.3NM N 5800 ASL
PRO	Arr/dep 049° & 214° fr heli, slope 16% (H2)
CAUTION	Antenna twr aprx 366' NW heli 3082 ASL (230 AGL)



DRAYTON VALLEY INDUSTRIAL AB

CER3

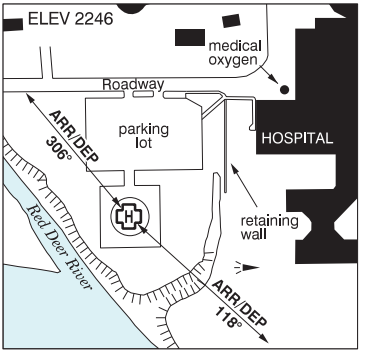
REF	N53 15 48 W114 57 31 2.5NE 16°E (2012) UTC-7(6) Elev 2774' A5014 A5015 LO2 CAP
OPR	PRAA 780-514-8013 or 866-719-9059 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL self serve Pembina Regional Aerodrome Association 780-514-8013
S	1,2,4,5,6
RWY DATA	Rwy 14(144°)/32(324°) 5065x75 ASPH Rwy 14 down 0.39% Thld 14 displ 1492' AGN II
RCR	Opr Ltd maint
LIGHTING	14-(TE ME) P1, 32-(TE ME) P1 ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5800 ASL
CAUTION	Acft on opposite ends of rwy may not be visible to each other. Wild animals may stray onto rwy. RPAS activity 3.3 NM NNW of A/D max 400 AGL. Grass tkof/ldg area 2130'x50' adj E Rwy 14/32, SE of Twy A. May be soft when wet. No win maint.



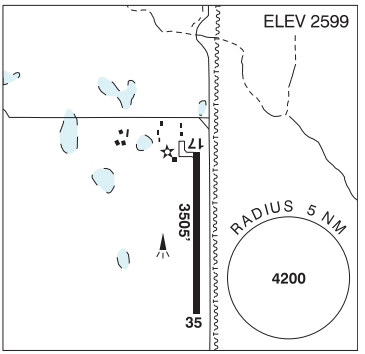
DRUMHELLER (HEALTH CENTRE) AB (Heli)

CDH2

REF	N51 28 09 W112 43 42 Adj NW 14°E (2013) UTC-7(6) Elev 2246´ VTA A5005
OPR	Alberta Health Services 403-823-6500 Ext 7252 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 64' dia ASPH Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
LIGHTING	RW (ME) yellow PN ctc opr
COMM	
ATF	tfc 122.8 5NM centered on Drumheller Muni A/D 1.8NM NW 5600 ASL
PRO	Arr/dep 118° and 306° fr heli, slope 16% (H2) (CAR 602.96).
CAUTION	Unlgtd high grass berm SW of heli.

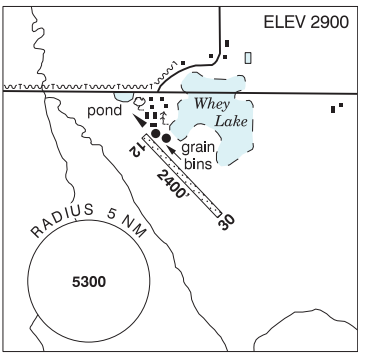


DRUMHELLER MUNI AB — CEG4



REF	N51 29 47 W112 44 55 3NW 14°E (2013) UTC-7(6) Elev 2599´ VTA A5005 LO2 CAP T1
OPR	Town 403-823-1303 Reg
PF	A-1 C-2,3,4,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO H24 (see COMM) WxCam
SERVICES	
FUEL	100LL (H24 Credit Card)
S	4,5,6
RWY DATA	Rwy 17(166°)/35(346°) 3505x75 ASPH Rwy 35 up 0.31% AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5600 ASL
AUTO	122.175
PRO	Pilots are to phone Edmonton FIC for IFR clnc prior to dep.

DRUMHELLER / OSTERGARD'S AB — CDO2

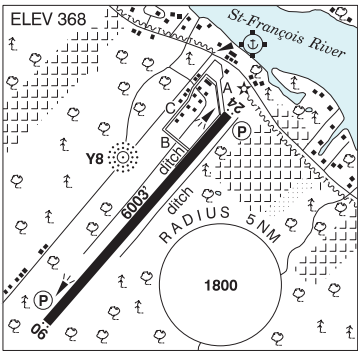


REF	N51 17 43 W112 36 38 10NM SSE 14°E (2012) UTC-7(6) Elev 2900 VTA A5005
OPR	Ostergard's Seed Farm Ltd 403-823-0405 or 403-321-0202 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 12(120°)/30(300°) 2400x75 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5900 ASL
PRO	Right hand circuits Rwy 30 (CAR 602.96).
CAUTION	Unmarked pwr lines 1/4NM N thld Rwy 12. 4´ fence 100´ fr thld Rwy 30. Farm bldg adj NE thld Rwy 12. Deer in vic of rwy. Farm machinery may be manoeuvering on rwy. Wind turbine group 2.5NM SSE A/D, max alt 3803 ASL.

DRUMMONDVILLE QC

CSC3

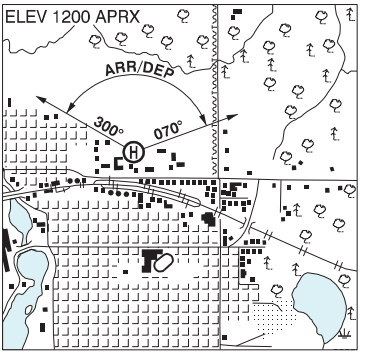
REF	N45 50 37 W72 23 51 4ESE 15°W (2013) UTC-5(4) Elev 368' A5002 LO6 LO7 LO8 CAP
OPR	SDED Aéroport Drummondville 819-472-1011 Fax 819-472-4291 Reg
PF	B-1,7,8 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 1330-2130Z‡ Mon-Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 819-850-0624 H24 (see COMM)



SERVICES	Call out chgs
FUEL	100LL, JA
OIL	80, 100, 15W50
S	1,2,4,5,6
RWY DATA	Rwy 06(056°)/24(236°) 6003x100 ASPH AGN IIIA RESA: 06/24 197'
TWY	Tran acft to use Twy A. Twy B for lcl tfc. Twy C for pvt tfc. Gnd vehicle in vic of Twy C.
RCR	Opr Ltd win maint
LIGHTING	06-AS(TE HI) P1, 24-AS(TE HI) P1 ARCAL-122.8 type K
COMM	(bil)
MF	UNICOM ltd hrs O/T tfc 122.8 5NM 3400 ASL (CAR 602.98)
AUTO	122.55
NAV	
NDB	Y8 401 (L) N45 50 50 W72 23 56 Pvt
PRO	Glider activity in the vic of A/D sfc up to 3000 ASL Sat-Sun & hols days fr mid-May to mid-Jun & fr mid-Aug to the end of Oct. **Considerations for noise abatement**: a) **Preferential rwy**: Landing and takeoff Rwy 24 when arpt and wind conditions allow (wind speed less than 5 kts). b) **Departure**: Climb rwy hdg to 1000 AGL BPOC or in the circuit. Best rate of climb where possible.
CAUTION	Possibility of deer on rwy at night.

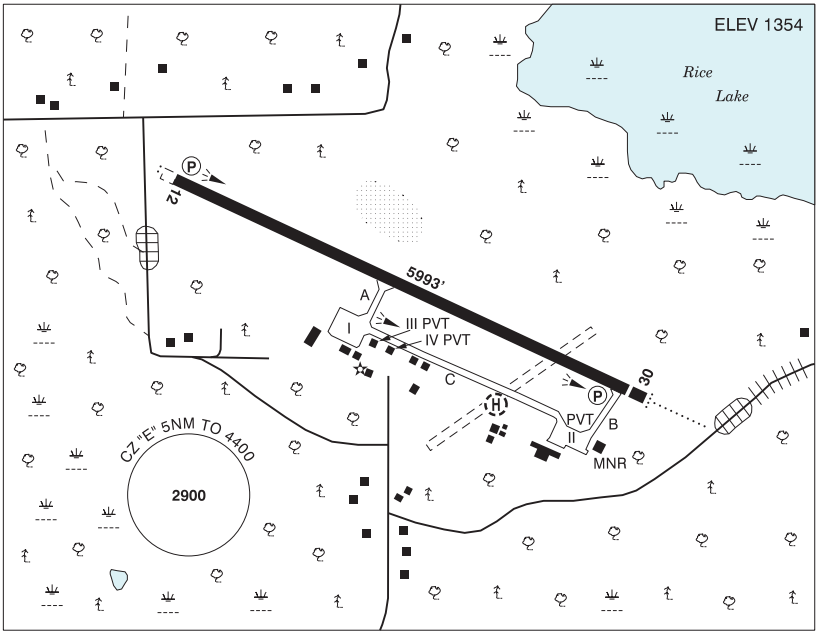
DRYDEN BEST WESTERN ON (Heli) CKV3

REF	N49 47 W92 50 Adj N 0° UTC-6(5) Elev 1200´ aprx A5007
OPR	Best Western Motor Inn 807-223-3201 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 65' x 65' GRASS Safety Area 88' x 88' Max heli overall length 43.5'



COMM MF	Sioux Lookout rdo 122.1 5NM centred on Dryden Regional A/D 4.5NM NE 4400 ASL (CAR 602.98).
PRO	Arr/Dep 300º to 070º fr heli, slope 8%
CAUTION	Smoke stacks N49 46 57 W92 50 44, 365 AGL 1600 ASL 0.5NM W of heli.

DRYDEN REGIONAL ON CYHD



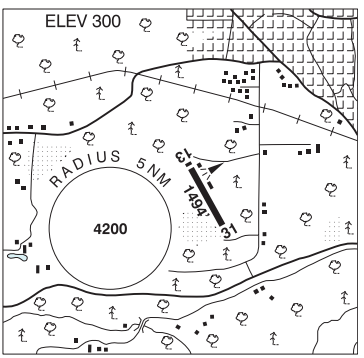
REF	N49 49 53 W92 44 37 4.3NE 1°W (2012) UTC-6(5) Elev 1354' A5007 LO4 HI4 CAP
OPR	City of Dryden/The Loomex Group 807-223-1130 11-01Z ‡ Nov-Mar, 13-01Z‡ Apr-Oct O/T PN Cert Ldg fees

DRYDEN REGIONAL ON (Cont'd) CYHD

PF	A-1,6,7,8 avbl 12-01Z‡ C-2,3,4,5,6 After hrs groundside access at FBO gate code 351
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (See COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam
SERVICES	PN and svc chg apply for after hr svc
FUEL	100LL, JA-1 (FSII avbl) May 1-Sep 30 13-01Z‡, Oct 1-Apr 30 14-23‡, ctc 807-221-8032 or 807-937-5122 or Fax 807-937-6222
OIL	20W50 and TURBO 2380 only
S	1(ltd),2,3,4,5,6
MILCON	Morgan Aviation (World Fuel Services) 807-221-9539
RWY DATA	Rwy 12(116°)/30(296°) 5993x150 ASPH Thld 30 displ 197´.
RWY CERT	Rwy 12/30 AGN IV
TWY	Twy C asphalt, 1000' mid-section gravel sfc.
APRON	Apron I public, overnight pkg fees, Apron II pvt PN 807-223-1130, Apron III pvt, Apron IV pvt
RCR	Opr CRFI, PLR/PCN
LIGHTING	12-AS(TE HI) P1, 30-AD(TE HI) P1 ARCAL-122.1 type K
COMM	
RCO	Sioux Lookout rdo 122.1 (RAAS)
MF	Sioux Lookout rdo 122.1 5NM 4400 ASL (CAR 602.98)
PAL	Winnipeg Ctr 132.2
A/G	MNR Ops 122.9
AWOS	128.7
NAV	
DME	IHD 109.7 Ch 34 N49 50 06 W92 44 59 (1349´)
ILS	IHD 109.7 (Rwy 12) RVR LOC reliable only within 10° either side of centreline.
CAUTION	Rock outcrop 740´ from dep end of Rwy 12, 690´ rgt of centreline 1465 ASL. Possibility of wildlife within aprt perimeter. Aerobatics may be in progress over aprt 4400 ASL & below.

DUNCAN BC CAM3

REF	N48 45 17 W123 42 35 Adj SSW 16°E (2016) UTC-8(7) Elev 300´ VTA A5004
OPR	Duncan Flying Club 250-710-8723 Reg
PF	C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	4,5

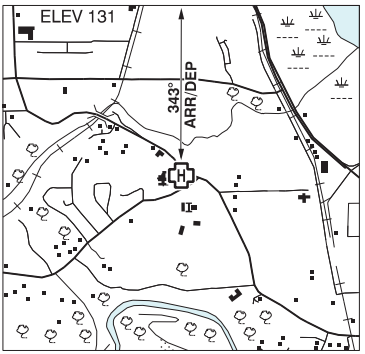


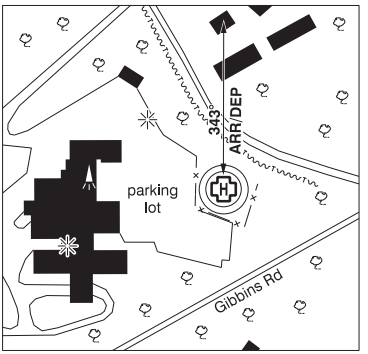
RWY DATA	Rwy 13(135)/31(315) 1494x30 ASPH Rwy 31 up 0.5% Thld Rwy 13 displ 70´
RCR	Opr No win maint.

DUNCAN BC (Cont'd) CAM3

LIGHTING	13-(TE LO), 31-(TE LO)
COMM **ATF**	tfc 122.8 2NM 3300 ASL
PRO **NOISE**	Rgt hand circuits Rwy 13 (CAR 602.96). Noise Abatement Procedures: dep Rwy 31, climb rwy hdg, then climb hdg 291° when safe, til clear of subdivision. Avoid noise sensitive area to the E.
CAUTION	Ravines at both ends; gravel pit & 4' windrow W side rwy. Downdrafts, crosswinds & wind shear may be encountered. Trees on apch to Rwy 31. Strongly recommended that only pilots familiar with aprt & lcl terrain should use this aprt dur hrs of darkness.

DUNCAN (COWICHAN DISTRICT HOSP) BC (Heli) CDH4



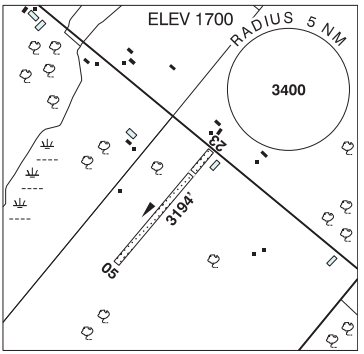


REF	N48 47 10 W123 43 17 Adj 17°E (2014) UTC-8 (7) Elev 131' VTA A5004
OPR	Island Health 250-370-8555 Cert PPR
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	RW (ME) green DR (ME) yellow
COMM **ATF**	tfc 122.8 4NM 3200 ASL
PRO	Arr/dep 343° fr heli, slope 12% (H2), day/night use. (CAR 602.96).
CAUTION	Hosp bldg lctd 197' NW of heli parking lot -marked with obst lgt. Antenna twr lctd on top of the hosp bldg W of the heli. Lgtd power pole and lines adj blw flt path. Tall trees E, W and S of flt path.

DUNDALK (TRIPP FIELD) ON

CTF4

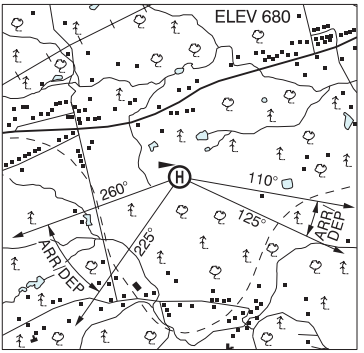
REF	N44 10 23 W80 18 37 3.7E 10°W UTC-5(4) Elev 1700' VTA A5000
OPR	Robin Tripp 519-940-6653 Reg PPR
PF	B-1 C-2 D-4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(050°)/23(230°) 3194x70 GRASS Thld 23 displ 600' Opr May-Nov ltd hrs No win maint
COMM ATF	tfc 123.2 5NM 4700 ASL
CAUTION	Unmarked P-lines 30 AGL on apch Rwy 23, 200' fr thld. Windmill aprx 2000' N Thld 23 400 AGL. Wind turbine group 4NM NNW A/D 2154 ASL (395 AGL). Marked P-lines 70 AGL 350' SE side parallel to rwy lgtd at each end.



DUNDAS ON (Heli)

CDU2

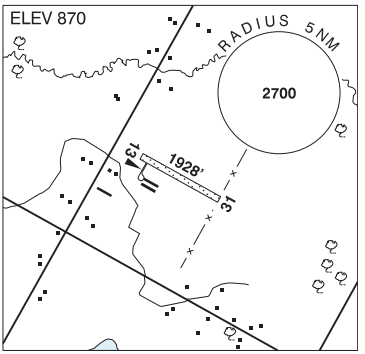
REF	N43 14 44 W80 01 06 3WSW 10°W (2018) UTC-5(4) Elev 680´ VTA A5000
OPR	Robert D. Sheppard 832-452-7698 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 60' dia GRASS Safety Area 160' dia Opr Ltd win maint
COMM TWR	Hamilton 125.0
PRO	Arr/dep 110° to 125° and 225° to 260° fr heli. Do not overfly surrounding residences and horse ranch NW of heli.



DUNGANNON ON

CDG3

REF	N43 50 11 W81 36 24 1S 9°W UTC-5(4) Elev 870´ A5000
OPR	Mari Vanderveeken 519-263-2550 Reg
PF	B-1 D-2, 3, 4, 5, 6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 13(128º)/31(308º) 1928x75 GRASS Rwy 13 up 1.04% Opr No win maint
LIGHTING	13-(TE LO), 31-(TE LO) PN opr
COMM ATF	tfc 122.7 5NM 3900 ASL
CAUTION	Low slope ditch at end of Rwy 31

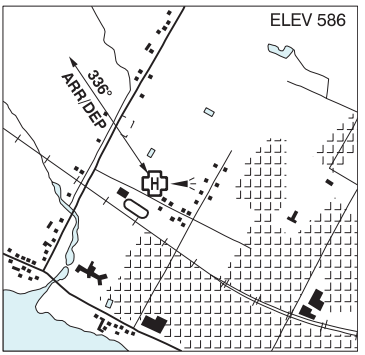


DUNLOP'S FLY-IN LODGE MB — See LITTLE CHURCHILL RIVER / DUNLOP'S FLY-IN LODGE

DUNNVILLE (HALDIMAND WAR MEM HOSP) ON (Heli)

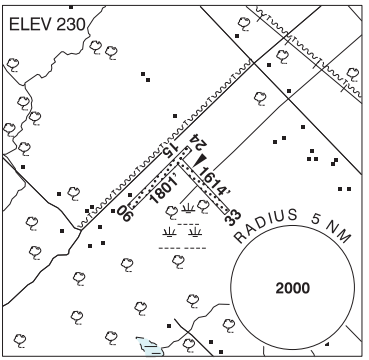
CPA9

REF	N42 54 49 W79 37 43 0.5N 10°W UTC-5(4) Elev 586´ A5000
OPR	Haldimand War Mem Hosp 905-774-7431 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ ASPH Safety Area 115´ x 115´ Max heli overall length 57.3´
LIGHTING	DR RY(LO) RF(FL) Portable PN
PRO	Arr/dep 336° fr heli, slope 8% (H3) day/night use. Cert for night use with portable lgt.



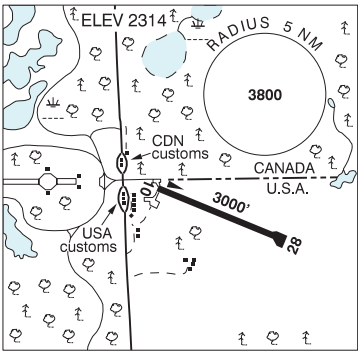
DUNROBIN / PARTI FIELD ON — CPF3

REF	N45 25 37 W76 04 04 2WNW 13°W (2015) UTC-5(4) Elev 230' A1905 A5000 A5002
OPR	Varun Parti 613-601-8584 Reg PPR
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 06(059°)/24(239°) 1801x25 GRASS Rwy 15(150°)/33(330°) 1614x25 GRASS Opr No win maint
COMM **ATF**	tfc 123.2 4NM 3200 ASL
CAUTION	4NM ESE of CNQ5. P-lines parallel to rwy along road. 300 ASL ridge at end of Rwy 24. Fence at end of Rwy 06.



DUNSEITH / INTL PEACE GARDEN ND USA — S28

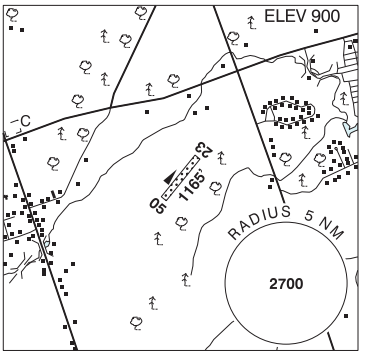
REF	N48 59 52 W100 02 37 11N 9°E UTC-6(5) Elev 2314´ A5007 LO4
OPR	North Dakota Aeronautics Comsn 701-328-9650 Fax 701-328-9656 Reg
PF	B-1
CUST	AOE/15 Cdn cust 204-534-6820; US cust 701-263-4513. All acft ctc appropriate cust on ATF unicom.
FLT PLN **FSS**	AFSS 800-992-7433
RWY DATA **RCR**	Rwy 10(100°)/28(280°) 3000x60 ASPH Opr 701-263-4513 Ltd win maint
COMM **ATF**	Peace Garden UNICOM 122.8 5NM 5300 ASL
PRO	Acft entering Canada park on N apron.
CAUTION	Deer on & in vic of aprt.



DUNSFORD ON

CDU5

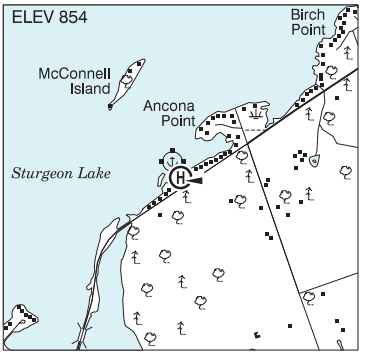
REF	N44 27 17 W78 37 49 Adj E 11°W (2017) UTC-5(4) Elev 900' A5000
OPR	Glenn Snarr 705-772-9496 Reg PPR
PF	C-1,2,3 D-4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 05(050°)/23(230°) 1165x50 GRASS
COMM ATF	tfc 122.8 4NM 4000 ASL
CAUTION	Low ultra-light act in 5NM radius. 50' trees at Thld 05. Wildlife in vic of rwy.



DUNSFORD HELIPORT ON (Heli)

CDU8

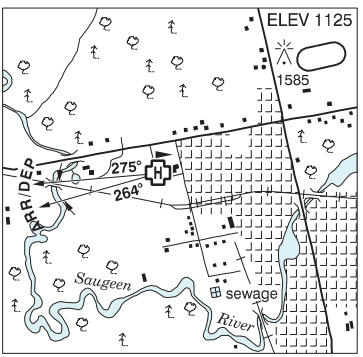
REF	N44 30 07 W78 37 04 3.2NNE 11°W (2020) UTC-5(4) Elev 854' A5000
OPR	Cecil Shaw 705-928-2933 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA
HELI DATA	FATO 90' dia GRASS TLOF 80' dia CONC Safety Area 100' dia Max heli overall length 50'
COMM ATF	tfc 122.8 3NM 4000 ASL
CAUTION	Tree 35 AGL W of heli.



DURHAM (MEM HOSP) ON (Heli)

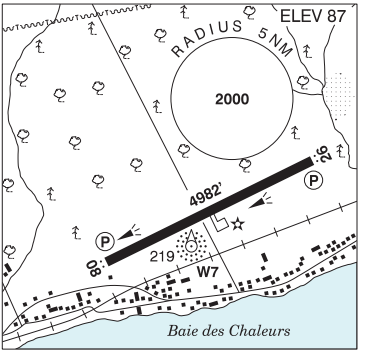
CPD3

REF	N44 10 45 W80 49 46 Adj W 10°W UTC-5(4) Elev 1125´ A5000
OPR	Durham Mem Hosp 519-369-2340 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' x 86' ASPH Safety Area 114' x 114' Max heli overall length 58'
LIGHTING	RY(LO) RF(FL)
COMM A/G	ambulance dispatch 129.275
PRO	Arr/dep btwn 264°-275° fr heli, slope 8% (H3) day/night use.



DU ROCHER-PERCÉ (PABOK) QC — CTG3

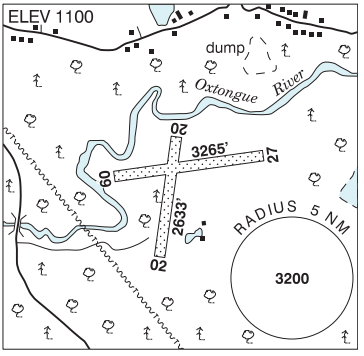
REF	N48 23 02 W64 33 46 4W 19°W (2014) UTC-5(4) Elev 87' A5011 LO8 CAP
OPR	MRC du Rocher-Percé 418-385-3709 Reg
PF	A-1,7 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 418-385-2978 H24 (see COMM)
	ALTIMETER/WIND ltd hrs (see COMM)



SERVICES	
FUEL	100LL, JA-1 (FSII avbl), 13-20Z‡ Mon-Sat, O/T PN call out charge.
S	4,5,6
SUP FL	D & A-ice 1hr PN 13-20Z‡ Mon-Sat, O/T call out charge.
RWY DATA	Rwy 08(083°)/26(263°) 4982x100 ASPH
	RESA: 08/26 492'
RWY CERT	Rwy 08/26 AGN IIIA
RCR	Opr 13-20Z‡ Mon-Sat, O/T call out charge.
LIGHTING	08-AS(TE ME) P2, 26-AS(TE ME) P2 ARCAL-122.35 type K
COMM	(bil)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.35 5NM 3100 ASL
AUTO	122.975
NAV	
NDB	W7 219 (M) N48 22 54 W64 33 50 Unmonitored
CAUTION	Extv bird activity May-Oct.

DWIGHT ON — CNF8

REF	N45 18 48 W78 58 30 2SE 12°W UTC-5(4) Elev 1100' A5000
OPR	Lori Boothby 705-635-2297, 705-787-8363 Reg PPR
PF	B-1 C-2,5 D-3,4,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 02(021°)/20(201°) 2633x200 GRASS
	Rwy 09(094°)/27(274°) 3265x200 GRASS
RCR	No win maint

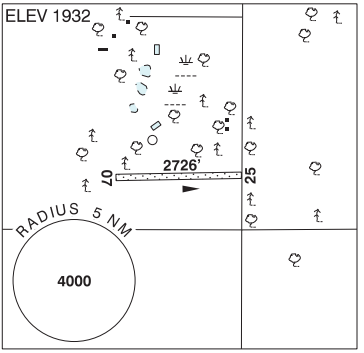


COMM	
ATF	tfc 123.2 5NM 4000 ASL
CAUTION	Trees 20 AGL 100' fr centreline Rwy 02/20 and 09/27.

EAGLE PLAINS / WILEY YT — See WILEY

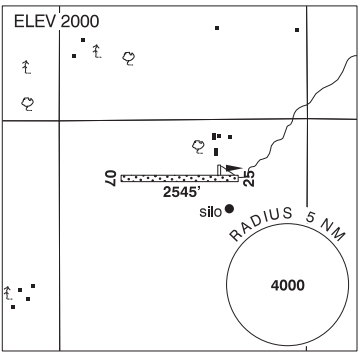
EAGLESHAM / BICE FARM AB CBI2

REF	N55 41 50 W117 56 21 5SW 16°E (2018) UTC-7(6) Elev 1932' A5014
OPR	Terrence or Christine Bice 780-837-1396/1395 Reg PN
PF	D-1,2
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(073°)/25(254°) 2726x74 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5000 MSL
CAUTION	Slightly rising terrain W of rwy.

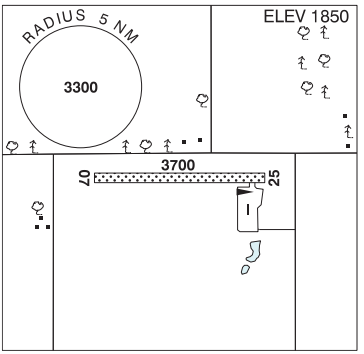


EAGLESHAM / CODESA SOUTH AB CCP7

REF	N55 43 12 W118 02 22 6.5SW 16°E (2019) UTC-7(6) Elev 2000' A5014
OPR	Gary Sanocki 780-837-1617 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 07/25 2545x85 GRASS Opr Ltd win maint
LIGHTING	07-(RR), 25-(RR)
COMM ATF	123.2 5NM 5000 ASL

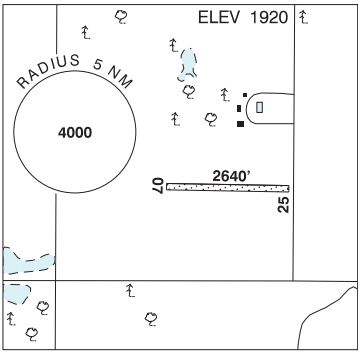


EAGLESHAM / DELTA TANGO FIELD AB — CDT8



REF	N55 48 33 W117 53 35 1.7NNW 16°E (2020) UTC-7(6) Elev 1850´ A5014
OPR	David Suter 780-831-6953 Reg PPR
PF	B-1 C-5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES OIL S	Aeroshell W100, W100 Plus, 15W50 2,3 15-01Z‡ 4,5,6
RWY DATA RCR	Rwy 07/25 3700x175 GRASS Opr Ltd win maint
LIGHTING	07-(RR), 25-(RR)
COMM ATF	tfc 123.2 5NM 5000 ASL

EAGLESHAM SOUTH AB — CGL4

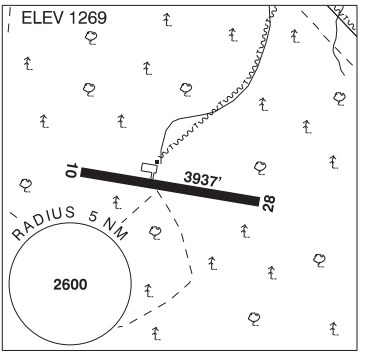


REF	N55 40 16 W117 56 08 8SSW 18°E (2012) UTC-7(6) Elev 1920´ A5014
OPR	Edmund Pawluski 780-359-2472 780-402-4494 Reg PPR
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 07/25 2640x85 GRASS Opr Ltd win maint
LIGHTING	RR
COMM ATF	tfc 123.20 5NM 5000 MSL
CAUTION	Slightly rising terrain W of rwy.

EAR FALLS ON

CDP2

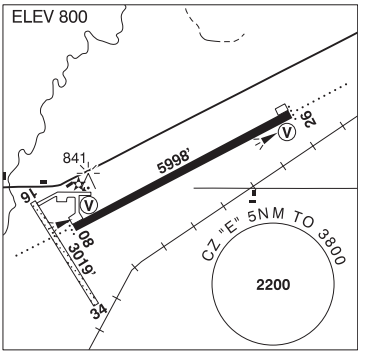
REF	N50 43 04 W93 23 01 7.3NW 1°W (2024) UTC-6(5) Elev 1269´ A5007
OPR	3 Points in Space Media Inc 604-788-6597 info@3points.ca www.ardtic.ca Reg PPR
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 10(100°)/28(280°) 3937x100 ASPH
RCR	Opr
COMM	
ATF	tfc 122.8 5NM 4300 ASL
CAUTION	RPAS ops to 2769 ASL (1500' AGL) within 10NM



EARLTON (TIMISKAMING REGIONAL) ON

CYXR

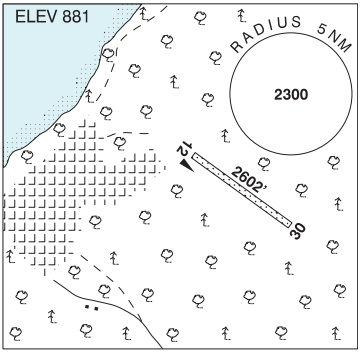
REF	N47 41 42 W79 50 56 1SW 12°W UTC-5(4) Elev 800´ A5001 LO4 LO7 HI4 HI5 CAP
OPR	Earlton-Timiskaming Regional Airport Authority 705-563-2215 Cert 1200-2030Z‡ Mon-Fri exc hols
PF	B-1 C-2,4, D-3,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF 13-01Z‡, issue times: 13, 18Z (DT 12, 18Z). WxCam
SERVICES	
FUEL	100LL, JA-1 1200-2030Z‡ Mon-Fri exc hols, O/T Cardlock (VISA/Mastercard)
OIL	100, 15W50
RWY DATA	Rwy 08(075°)/26(255°) 5998x150 asphalt Rwy 16(160°)/34(340°) 3019x150 grvl Rwy 34 up 0.86%
RWY CERT	Rwy 08/26 AGN IIIA Rwy 16/34 AGN I
RCR	London FIC AMSCR/CRFI 1100-2030Z‡ Mon-Fri exc hol Nov 7-Apr 17 O/T 3hr PN call out charge may be levied ctc opr. PLR/PCN Rwy 16/34 No win maint Soft in spring & fall
LIGHTING	08-AD(TE ME) V2, 16-(TE ME), 26-AD AS(TE ME) V2, 34-(TE ME) ARCAL-122.0 type K. RILS activated by ARCAL on high ints setting only. Rwy16/34 not avbl Nov 7-Apr 16.
COMM	
RCO	London rdo 123.375 (FISE)
MF	tfc 122.0 5NM 3800 ASL (CAR 602.98)
AWOS	128.6
PRO	Rgt hand circuits Rwy 08 (CAR 602.96).



EARLY BIRD AIR AB — See ROCKYFORD / EARLY BIRD AIR

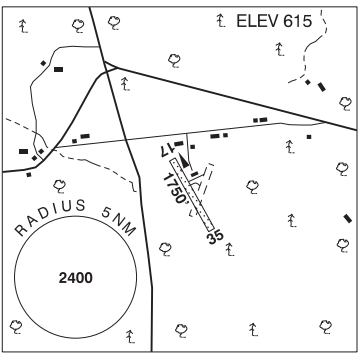
EASTERVILLE MB CKM6

REF	N53 06 31 W99 47 52 Adj E 5°E (2013) UTC-6(5) Elev 881´ A5016
OPR	Govt of Manitoba 204-945-3421 Reg
PF	C-1,2,4
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(121°)/30(301°) 2602x75 gravel/clay Rwy 12 slopes down. Rwy 30 up 0.64% Opr Ltd maint
COMM ATF	tfc 123.2 5NM 3900 ASL
CAUTION	Lgtd twr 1100 ASL (250 AGL) 0.9NM S of A/D. Extv bird activity Apr-Oct.



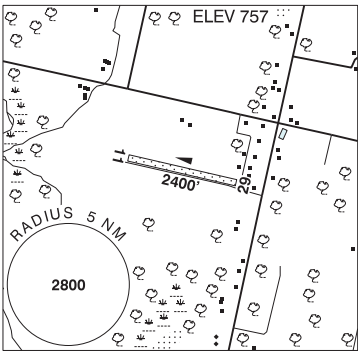
EAST GORE ECO AIRPARK NS CCY4

REF	N45 07 W63 42 2.5N 18°W (2014) UTC-4(3) Elev 615´ A5003
OPR	Mike C Bloise 902-305-5505 Reg PN
PF	B-1,3,5,6 C-2,4
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA RCR	Rwy 17/35 1750x60 GRASS Rwy soft when wet. Opr No win maint
COMM ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Twr 500' NE Thld 17 64 AGL not lgtd not painted and Twr 1NM SW 384 AGL 1135 ASL painted and lgtd.



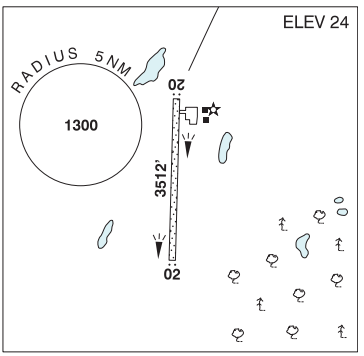
EAST LINTON (KERR FIELD) ON — CEL3

REF	N44 39 40 W80 56 39 Adj NNW 10°W UTC-5(4) Elev 757' A5000
OPR	Rick Kerr 519-372-3145 Reg
PF	D-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 11(113°)/29(293°) 2400x50 GRASS/GRVL Opr No win maint. Rwy may be soft in spring and when wet.
COMM ATF	tfc 123.0 5NM Excluding Wiarton CZ 3800 ASL
CAUTION	Water tower aprx 0.75NM NE A/D. Lgt pole aprx 35 AGL aprx 350' fr Thld 29. Trees and hydro poles aprx 820' fr Thld 29. Trees S of Thld 11. Wildlife frequently on rwy. Unlgtd twr 915 ASL (145 AGL) aprx 0.44NM NE A/D.



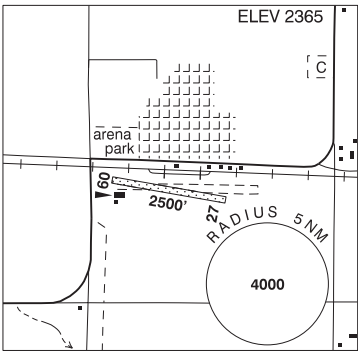
EASTMAIN RIVER QC — CZEM

REF	N52 13 35 W78 31 21 1SW 15°W (2013) UTC-5(4) Elev 24´ A5009 A5018 LO3 CAP
OPR	Transport Canada (Opr) Cree Nation of Eastmain (APM) 819-977-0332, 819-977-0333, 819-977-5332, 819-977-5364 or 819-977-5481 Cert 14-22Z‡ Ldg fees (jet acft and turboprop acft only) and Tml fees
PF	A-1 C-2,4,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-977-0332, 819-977-0333 or 819-977-5332 Fax 819-977-0387 Ltd hrs (see COMM)
WX	METAR dur CARS hrs O/T LWIS
RWY DATA	Rwy 02(019°)/20(199°) 3512x100 GRVL
RWY CERT	Rwy 02/20 AGN IIIA
APRON	Prkg fees.
RCR	APM 819-977-0333, 819-977-5364 or 819-977-5481 14-22Z‡ O/T 3 hrs PN
LIGHTING	02-AS(TE ME), 20-AS(TE ME) ARCAL-122.1 type K
COMM MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-21Z‡ Mon-Fri; 15-20Z‡ Sun
CAUTION	Migratory bird activity.



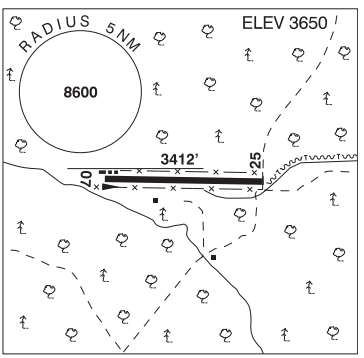
EATONIA (ELVIE SMITH) MUNI SK — CJG2

REF	N51 13 10 W109 23 32 Adj S 12°E (2017) UTC-6 Elev 2365´ A5006
OPR	Town 306-967-2251 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5
RWY DATA	Rwy 09(088°)/27(268°) 2500x60 GRASS
RCR	T. Douglas 306-967-2266 or C. Bailey 306-967-2251 Fax 306-967-2267 No win maint
COMM	
ATF	tfc 123.2 5NM 5400 ASL
PRO	Rgt hand circuits Rwy 09 (CAR 602.96).
CAUTION	Extreme turbulence with N wind vic of grain elevator N of rwy.



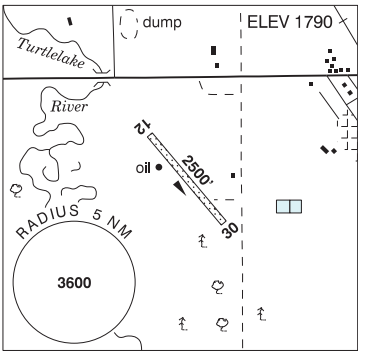
ECHO VALLEY BC — CBJ4

REF	N51 14 30 W121 59 39 17°E (2016) UTC-8(7) Elev 3650´ A5004
OPR	Echo Valley Ranch and SPA 250-459-2386 Reg PN
PF	B-1,2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL Emerg use only
S	4,5
RWY DATA	Rwy 07(074°)/25(254°) 3412x60 asphalt First 2000´ Rwy 07 up 4%.
RCR	Opr No win maint.
COMM	
ATF	tfc 123.2 5NM 6700 ASL
CAUTION	Unmarked 5´ fence on Thld 25. Unmarked p-line 50´ E Thld 25. Terrain rises rapidly E of Rwy 25. Numerous trees to 60 AGL, 150´ N & E of rwy. May encounter turbulence & strong downdrafts on apch. Crosswinds fr the S. Freq bird activity Apr - Sep.



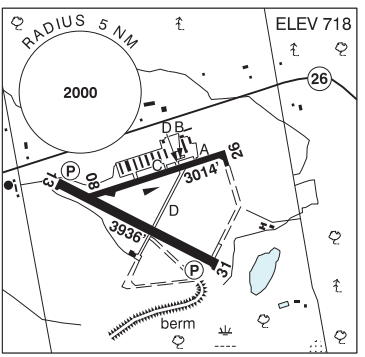
EDAM SK — CJU7

REF	N53 11 06 W108 47 21 1SW 13°E (2012) UTC-6 Elev 1790´ A5015
OPR	R.M. of Turtle River 306-397-2311 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(127°)/30(307°) 2540x60 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4800 ASL
CAUTION	Golf course crosses rwy. Fence at Thld 12.



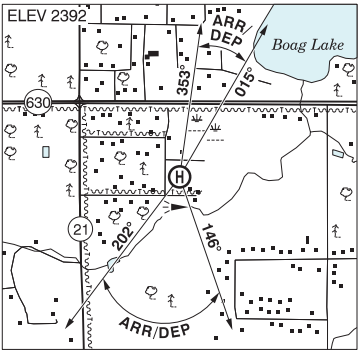
EDENVALE ON — CNV8

REF	N44 26 20 W79 57 55 2.8W 10°W UTC-5(4) Elev 718´ A5000 LO6 CAP RCAP
OPR	Edenvale A/D Ops Mgr 705-428-3112 ext 223 Reg
PF	A-1 B-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO (see COMM)
SERVICES FUEL	100LL, MG-3, JA-1
S	1,2,4,5
RWY DATA RCR	Rwy 13(128°)/31(308°) 3936x100 ASPH Rwy 13 up 0.36% AGN IIIA Rwy 08(083°)/26(263°) 3014x80 ASPH Rwy 26 down 0.3% Opr
LIGHTING	08-(RR), 26-(RR), 13-(TE HI) P1 4°, 31-(TE HI) P1 4° ARCAL-122.775 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.775 5NM 3700 ASL
AUTO	123.175
CAUTION	Tower 200 AGL 1NM NE. Ocsl wildlife on rwy. Remote ctl acft up to 500 AGL at SW end of A/D.



EDMONTON / BAILEY AB (Heli) CBY2

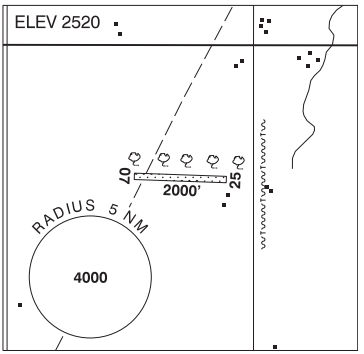
REF	N53 30 28 W113 14 11 Adj 15°E (2014) UTC-7(6) Elev 2392' VTA A5015
OPR	Dan Jacobs 780-416-2626 or 780-910-4141 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	1,4,6



HELI DATA	FATO/TLOF 88' x 305' GRASS Safety Area 138' x 385' Max heli overall length 58.7'
RCR	Opr Day only
COMM	
ATF	tfc 123.2 5NM 3400 ASL
PRO	Arr/dep btwn 353°-015° fr heli and Arr/dep btwn 146°-202° fr heli 8% (H3). Avoid overflying nearby residences. Ctc Edmonton Tml before entering Class C airspace. Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.
CAUTION	P-Lines W of heli.

EDMONTON / CALMAR (MAPLELANE FARM) AB CMF2

REF	N53 11 04 W113 44 22 5.6SSE 15°E (2012) UTC-7(6) Elev 2520' VTA A5015
OPR	Howard Lengert 780-985-3384 Reg
PF	B1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(074°)/25(254°) 2000x60 GRASS
RCR	Opr
LIGHTING	07-(LO), 25-(LO) ARCAL-122.8 type J PN Opr



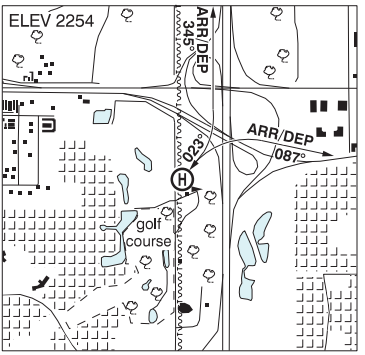
COMM	
ATF	tfc 123.2 2NM below 3400 ASL

EDMONTON / CALMAR (MAPLELANE FARM) AB (Cont'd) CMF2

PRO	Edmonton Intl CZ NE A/D. Edmonton Tml class "C" 3400 ASL and above overlies A/D. Edmonton Intl Class C airspace 3400 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.
CAUTION	P-line 40 AGL aprx 600' east of rwy.

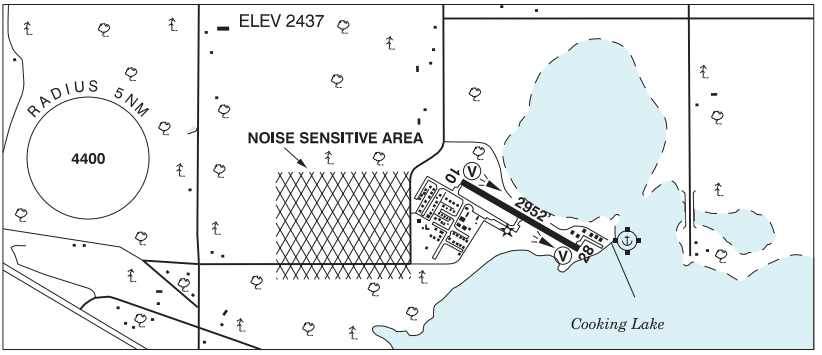
EDMONTON (CITY) AB (Heli) CCE7

REF	N53 32 09 W113 39 49 Adj WSW 15°E (2017) UTC-7(6) Elev 2254' VTA A5015
OPR	City of Edmonton 780-496-6903 Cert PPR Heli clsd Oct 15-Apr 1
PF	C-1,2,3,4,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	JA-1 PN
S	4 PN



HELI DATA	FATO/TLOF 86' dia GRASS Safety Area 115' dia Max heli overall length 57.4' Parking Pad A: 69' dia GRASS Max heli overall length 57.4' Parking Pad B: 51' dia GRASS Max heli overall length 42.7'
RCR	Opr 780-983-1446 Daylight hrs
COMM	
ATF	tfc 123.2 2NM below 4100 ASL
TML	Edmonton 127.4 4100 ASL and above
PRO	Arr/dep curved 023° to 345° fr heli, slope 8% (H3), day use only. Arr/dep curved 023° to 087° fr heli, slope 8% (H3), day use only.
CAUTION	Barn on E side of heli. Marked p-line W of heli. 7' perimeter fence.

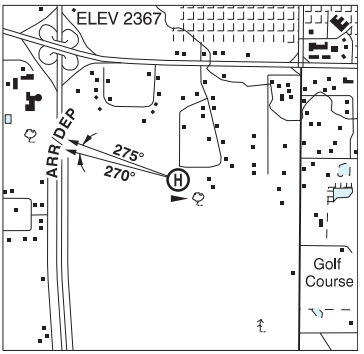
EDMONTON / COOKING LAKE AB CEZ3



REF	N53 25 39 W113 06 56 16SE 15°E (2015) UTC-7(6) Elev 2437´ VTA A5015 LO2 CAP
OPR	Cooking Lake Condominium Association 780-964-2272 Reg
PF	A-1 D-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 10(105°)/28(285°) 2952x75 ASPH Rwy 28 up 0.44% AGN II
RCR	Opr
LIGHTING	10-(TE ME) V1, 28-(TE ME) V1 ARCAL-123.35 type K
COMM	
MF	tfc 123.35 5NM 4600 ASL excluding Edmonton TCA (CAR 602.98) (Refer to Edmonton VTPC)
ARR	Edmonton Tml 119.5
DEP	Edmonton Tml 119.5
VFR ADV	Edmonton Tml 127.4 in Class C
PRO	For VFR rtes see Edmonton VTPC or as directed by ATC. Pilots are to avoid over-flying noise sensitive area depicted on A/D sketch at less than circuit alt (3500 ASL). Edmonton Class C Airspace overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt plan or ctc 888-358-7526 at least 30 min prior to entering. IFR Training Restriction: PPR for IFR tng flights. Ctc ATC 888-358-7526 no more than 24 hrs prior to ETD.

EDMONTON / EASTPORT AB (Heli) CEP8

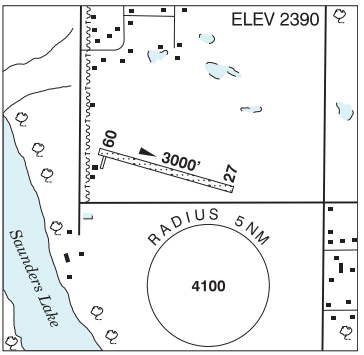
REF	N53 30 18 W113 19 56 1S 15°E (2014) UTC-7(6) Elev 2367´ A5015
OPR	Carol Mulkay 780-818-7025/1078 Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN **FIC**	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 66' dia CONC/GRASS TLOF 35' dia CONC Safety Area 87' dia



COMM **ATF**	tfc 123.2 5NM 3400 ASL
PRO	Arr/dep 270° to 275° fr heli, slope 6%. Avoid overflying nearby residences. Ctc Edmonton Tml before entering Class C airspace. Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 4100 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.

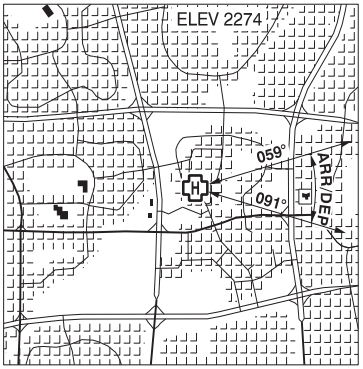
EDMONTON / GARTNER AB CFQ7

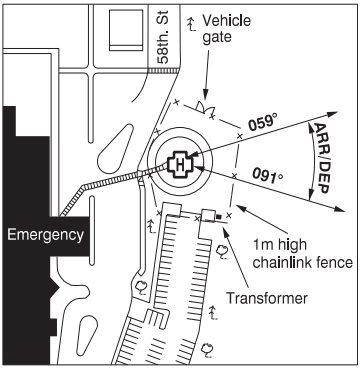
REF	N53 16 54 W113 27 18 15S 15°E (2013) UTC-7(6) Elev 2390´ VTA A5015 LO2
OPR	L. Gartner 780-660-7621 or 250-428-7621 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL
OIL	15W50 (Shell)



RWY DATA **RCR**	Rwy 09(091°)/27(271°) 3000x50 GRASS Opr
LIGHTING	09-(LO), 27-(LO) ARCAL-123.45 type J
COMM **MF**	Edmonton Intl twr 118.3 (CAR 602.98)
PRO	For VFR rtes see Edmonton VTPC or as directed by ATC. Transponder rqrd in CZ. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.

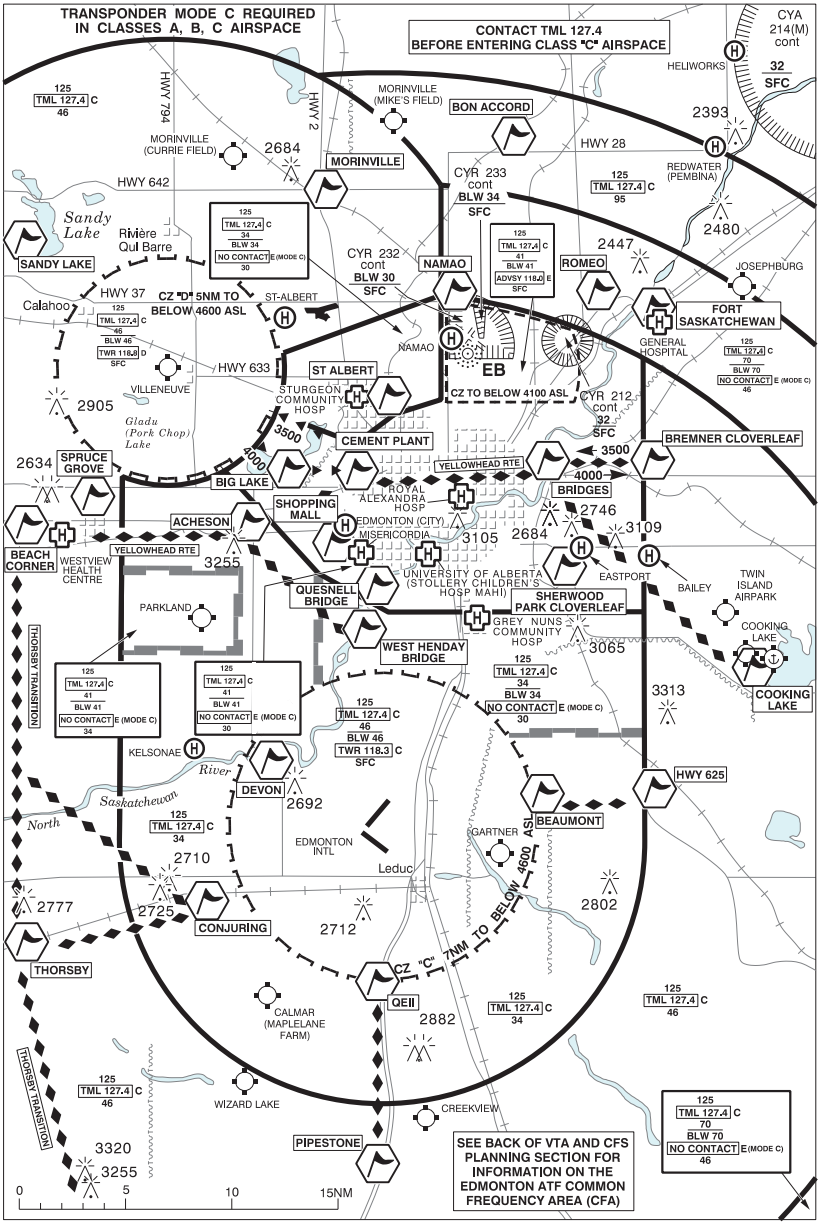
EDMONTON / GREY NUNS COMMUNITY HOSP AB (Heli) CES8





REF	N53 27 44 W113 25 40 15°E (2014) UTC-7(6) Elev 2274´ VTA A5015
OPR	Covenant Health 780-735-7350/7804 Cert PPR
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86’ dia CONC Safety Area 115’ dia Max heli overall length 57.4’ (CAR 602.96)
RCR	Opr
LIGHTING	RW(LO) green
COMM	
ATF	tfc 123.2 2NM 3400 ASL
ARR	Edmonton Tml 119.5
DEP	Edmonton Tml 119.5
PRO	Arr/dep btwn 059°-091° fr heli, slope 8% (H3). Ctc Edmonton Tml before entering Class C airspace. Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 3400 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.

EDMONTON VFR TERMINAL PROCEDURES CHART



EDMONTON VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
ACHESON	VCACH	N53° 32' 28" W113° 45' 47"
BEACH CORNER	VCBEA	N53° 32' 28" W114° 03' 11"
BEAUMONT	VCBMN	N53° 20' 07" W113° 23' 21"
BIG LAKE	VCBGL	N53° 35' 00" W113° 46' 00"
BON ACCORD	VCBAC	N53° 50' 30" W113° 24' 25"
BREMNER CLOVERLEAF	VCBCL	N53° 34' 18" W113° 14' 42"
BRIDGES	VCBRG	N53° 34' 18" W113° 22' 18"
CEMENT PLANT	VCCMT	N53° 35' 00" W113° 36' 00"
CONJURING	VCNJR	N53° 15' 14" W113° 48' 05"
COOKING LAKE	VCOOK	N53° 25' 00" W113° 07' 30"
DEVON	VCDVN	N53° 22' 00" W113° 43' 00"
FORT SASKATCHEWAN	VCFSK	N53° 42' 00" W113° 13' 00"
HWY 625	VCXTF	N53° 20' 20" W113° 14' 49"
MORINVILLE	VCMNV	N53° 48' 30" W113° 37' 30"
NAMAO	VCNMO	N53° 42' 56" W113° 29' 48"
PIPESTONE	VCPSN	N53° 03' 30" W113° 35' 30"
QEII	VCQET	N53° 11' 35" W113° 35' 52"
QUESNELL BRIDGE	VCQSN	N53° 30' 15" W113° 34' 00"
ROMEO	VCRMO	N53° 43' 00" W113° 19' 00"
ST ALBERT	VCALB	N53° 38' 12" W113° 34' 42"
SANDY LAKE	VCSNY	N53° 45' 14" W114° 02' 59"
SHERWOOD PARK CLOVERLEAF	VCSWP	N53° 31' 00" W113° 20' 30"
SHOPPING MALL	VCSHP	N53° 31' 30" W113° 37' 00"
SPRUCE GROVE	VCSGR	N53° 33' 00" W113° 53' 30"
THORSBY	VCTBY	N53° 13' 18" W114° 02' 43"
WEST HENDAY BRIDGE	VCHND	N53° 27' 36" W113° 36' 53"

EDMONTON INTL AB — CYEG

REF	N53 18 36 W113 34 46 6SSW 15°E (2013) UTC-7(6) Elev 2373' VTA A5015 LO2 HI3 T1 CAP OC
OPR	Edmonton Regional Airports Authority 780-890-8327 H24 Cert Ldg fees
PF	A-1,2,3,4,5,6
CUST	AOE 888-226-7277 PN
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) or 780-890-8386
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z.
DUAT	Executive Flight Centre; Edmonton Shell Aerocentre

EDMONTON INTL AB (Cont'd) CYEG

SERVICES	
FUEL	100LL, JA-1, JB, FSII, HPR
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 9 Discrete emerg freq 122.675
SUP FL	D & A-ice
JASU	CE16, Elect 15/25, Air Starter
PVT ADV	Executive Flight Centre 122.95, 780-890-8640; Edmonton Shell Aerocentre 123.0, 780-890-1300 or 888-890-2477; Airside Flight Services 122.725 780-229-0500
MIL CON	Shell Aerocentre 780-890-1300
RWY DATA	Rwy 02(020°)/20(200°) 10,995x200 ASPH Rwy 12(120°)/30(300°) 10,200x200 ASPH Rwy 30 down 0.48%. RESA: 12/30 1000'; 02 500'; 20 1000'
RWY CERT	Rwy 02 RVR 1200(1/4sm)/Rwy 20 RVR 1200(1/4sm) AGN VI Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN VI
TWY CERT	Twy: A, AC, AD, AE, B, S AGN V Twy: K, Y AGN IIIB
TWY	Twys K, R, S, T, U, W & Y uncontrolled. Twys K, S & U rstd to acft with wingspan 36m (118') or less. T, R, Q, AD, V rstd to acft with wingspan 65m (213') or less. P, AC, O rstd to acft with wingspan 80m (262') or less. Twy A4: Rgt turns on to Twy A from Twy A4 rstd to acft with wingspan 35.9m (117.8') or less. Twy AE rstd to acft with wingspan 79.75m (262') or less when acft prkg on DF7/8/9 or prkg posn 73-81 are in use. Other acft may be auth with PPR fm OPR. Wide body acft with wingspan greater than 80m (262') twy A to AE PPR fm OPR.
APRON	General Aviation Itinerant prkg ctc Executive Flight Centre 122.95, 780-890-8640 or Edmonton Shell Aerocentre 123.0, 780-890-1300 or 888-890-2477. Access to Shell Aero Centre II from Apron III rsdt to acft with wingspan of 36m (118') or less. Twy S, Apron II rstd to acft with wingspan 36m (118') or less. Apron I rstd to acft with wingspan 65m (213') or less when prkg positions in effect. Other acft may be auth with PPR fm OPR. Heavy lift heli not permitted on Apron II. Heli ctc OPR for prkg. South Apron: Acft with wingspans less than 36m (118') accessing gates 78 thru 88 use taxilane L. Acft with wingspans less than 65m (213'), greater than 36m (118') access accessing gates 78 thru 88 or parking positions 93 thru 105 use taxilane C. Acft with wingspans less than 36m (118') accessing DF7/8/9 or parking positions 93 thru 105 use taxilane R.
RCR	Opr CRFI, PLR/PCN
LIGHTING	02-AN(TE HI), 12-AN(TE HI), 20-AN(TE HI) P3, 30-AN(TE HI) P3
COMM	
RCO	Edmonton rdo 122.375 (FISE) 126.7 (bcst) (E) (emerg only 780-890-8386)
ATIS	128.0
CLNC DEL	124.1
GND	121.7 275.6
TWR	118.3 381.2 (E) (emerg only 780-890-4733)
ARR	Edmonton Tml 120.5 363.8 (E)
DEP	Edmonton Tml 133.65 363.8 (E)
VFR ADV	Twr 118.3 119.5 Edmonton Tml 127.4 (See Edmonton VTPC)
NAV	
DME	YEG 117.6 Ch 123 N53 11 08 W113 52 01 (2561')
DME	YEX 114.1 Ch 88 N53 18 11 W113 35 38 (2356')
ILS	IEG 110.3 (Rwy 02) RVR LOC reliable only within 10° either side of centreline. IFP 109.9 (Rwy 12) RVR LOC reliable only within 10° either side of centreline. IKB 109.1 (Rwy 30) RVR LOC reliable only within 10° either side of centreline.

EDMONTON INTL AB (Cont'd) CYEG

PRO

Rgt hand circuits Rwy 30 (CAR 602.96). TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt plan or itinerary or ctc 888-358-7526 at least 30 min prior to entering. Pilots to close VFR flt plans with Edmonton FIC (phone or FISE freq) when practicable or request closure fr ATC. For VFR routes see Edmonton VTPC or as directed by ATC.

NOISE ABATEMENT:
Turbo jet/Turbo fan acft
DEP: All Rwys NADP 1 or 2 (Noise Abatement Dep Proc). Rwy 12 no rgt turns W of KEKBI.
ARR: Avoid flying over the Town of Leduc below 5000' ASL.

REDUCED VISIBILITY PROCEDURES (RVR less than 2600 to 1200 ft)
If any portion of the airport drops below ½ SM or 2600 RVR but is at or above ¼ SM or 1200 RVR, the airport is considered to be operating in RVOP with no restrictions to aircraft or vehicles.

If any portion of the airport drops below ¼ SM or 1200 RVR, provided the runway of intended use is at or above ¼ SM or 1200 RVR, the following procedures shall be implemented:
- Any runway that is below ¼ SM or 1200 RVR will not be used for arrivals or departures.
- Restrictions apply to vehicles and aircraft on the manoeuvring area. Only one aircraft, helicopter or vehicle will be given permission to operate on the manoeuvring area at any given time (except as permitted below under Vehicle Exceptions).
- Towing of aircraft on the manoeuvring area is not permitted

Departures
An aircraft may be taxied for departure if the runway of intended use is at or above ¼ SM or 1200 RVR provided no other aircraft or vehicle is on the manoeuvring area.

If the visibility drops below ¼ SM or 1200 RVR after taxi clearance was issued, the aircraft may continue to taxi.

An aircraft may depart during RVOP operations provided the RVR serving the departure runway is at or above ¼ SM or 1200 RVR.

Arrivals
An aircraft may land and taxi if the runway of intended use is at or above ¼ SM or 1200 RVR provided no other aircraft or vehicle is on the manoeuvring area.

Arrivals will be in accordance with applicable approach minima or approach ban considerations. After landing, the aircraft may taxi provided no other aircraft or vehicle is on the manoeuvring area.

If the visibility for the runway of intended use drops below ¼ SM or 1200 RVR after an arriving aircraft crosses the final approach fix (FAF), the aircraft may land and taxi in.

ATS REQUIREMENTS:
PPR for all photo flt or survey work in Class C airspace within 35NM of CYEG. Map of survey/photo flt area rqrd. CTC ATC 1-888-358-7526 at least 2 hrs prior to ETD.

EDMONTON INTL AB (Cont'd) CYEG

PRO

Vehicle Exceptions
A group of vehicles may be considered one movement provided they are traveling together and use a single call sign.

Vehicles are permitted to operate on an inactive runway. Once vehicles are established and restricted to remain on the inactive runway, RVOP may resume on the remaining manoeuvring area.

Emergency vehicles responding to emergency situations are exempt.

FLIGHT TRAINING RESTRICTIONS:
Circuits not auth. PPR for IFR and simulated IFR tng flts, ctc ATC 888-358-7526 no more than 24 hrs prior to ETD. Tng flts rstd to medium wt category or greater.

HELI OPS:
All heli ctc gnd ctl for dep instructions.
Heli flt over Twy S and Twy R rstd to 100 AGL & abv. Avoid flt over acft or pedestrians.

DE-ICING PROCEDURES
1. When de-icing is required, ctc EDMONTON DE-ICE on 122.850 30 min prior or as soon as possible with de-icing requirements. AEROMAG will assign the expected de-icing pad or holding area according to de-icing flow.

2. Prior to pushback and for taxi clearance ctc GROUND CONTROL on 121.700 with de-icing pad assignment.

3. On the Main Apron, hold short of the assigned de-icing pad and ctc AEROMAG PAD CONTROL on 122.775.

4. Follow AEROMAG PAD CONTROL instructions and guidance lines to the assigned de-icing bay or staging bay and confirm "BRAKES SET" when in position. Monitor GROUND CONTROL on 121.700 at all times.

5. When directed by AEROMAG PAD CONTROL, ctc ICEMAN on 130.125 (136.535 backup frequency) and confirm "BRAKES SET, AIRCRAFT CONFIGURED and ENGINES IDLE FOR DE-ICE."

6. When de-ice is complete, do not move aircraft. When directed by ICEMAN, ctc AEROMAG PAD CONTROL on 122.775 to obtain taxi instructions.

7. Follow AEROMAG PAD CONTROL instructions to exit de-icing. Hold short of TWY ALPHA and ctc GROUND on 121.700 to obtain clearance. Holding short of TWY ALPHA is only relevant to DF1 and DF2. DF3 aircraft exit onto Apron I.

EDMONTON CENTRE (emerg only 780-890-8397) CZEG

132.775 **132.775** (FL280 and below) 134.9 **134.9** 240.9 **240.9** 294.5 **294.5**
Baker Lake **133.4** (FL290 & above)
Banff 133.75 **133.75**
Big Trout Lake **133.6** (FL290 & above)
Brooks 125.05 **125.05** 132.65 **132.65** 229.3 **229.3**
Calgary 124.525 127.775 **127.775** 243.5 **243.5**
Cambridge Bay **132.225** (FL290 & above) 134.675 **134.675** (FL280 and below)
Cape Dyer **135.5** (FL230 & above)
Chisasibi **134.625** (FL290 & above)
Churchill **123.9** (FL290 & above)
Conklin 133.725 **133.725** (FL280 & below)
Coral Harbour 133.7 **133.7**
Cranbrook **134.875** (FL290 & above)
Dease Lake **134.05** (FL290 & above)
Delia 124.45
Dewar Lake **135.2** (FL230 & above)
Ekati **133.175** (FL290 & above) 135.175 & **135.175** (FL280 & below)

EDMONTON CENTRE (Cont'd) (emerg only 780-890-8397) CZEG

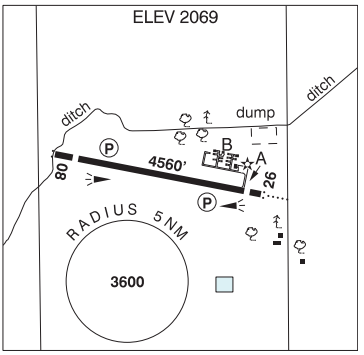
Flatbush 134.7 **134.7**
Fort Good Hope **132.8** (FL290 & above)
Fort Mackay/Albian 134.025 **134.025** (FL280 & below
Fort McMurray **132.7** 135.7 & **135.7** (FL280 & below)
Fort Nelson 132.87 & **132.87** (FL280 & below) 134.85 **134.85**
Fort St. John 132.6 **132.6** 285.4 **285.4** (FL280 & below) **134.425** (FL290 & above)
Fort Severn **135.0** (FL290 to FL450)
Fort Simpson **132.25** (FL290 & above) 135.4 & **135.4** (FL280 & below)
Grande Prairie 134.5 **134.5**
Hay River **124.2** (FL290 & above) 133.85 & **133.85** (FL280 & below)
High Level 123.7 & **123.7** & 135.1 & **135.1** (FL280 & below) **132.15** (FL290 & above)
Holman Island **133.825** (FL290 & above)
Hudson Bay **132.075** (FL290 & above)
Inukjuak **135.3** (FL290 & above)
Iqaluit **118.475** (FL230 & above)
Island Lake **134.35** (FL290 & above)
Kinngait **134.25** (FL230 & above)
Kugluktuk 124.25 **124.25** (FL280 & below) **133.525** (FL290 & above)
Lac La Biche **133.375** (FL290 & above)
La Ronge **132.55** (FL290 & above)
Lethbridge 132.75 **135.75** 265.2
Lloydminster 133.45 **133.45**
Lynn Lake **133.0** (FL290 & above)
Mayo **124.15** (FL290 & above) 134.65 **134.65** (FL280 & below)
Norman Wells **133.325** (FL290 & above) 134.825 & **134.825** (FL280 & below)
Ogoki Post **132.6** (FL290 & above)
Peace River **133.2** (FL290 & above) 135.275 & **135.275** (FL280 & below)
Peawanuck **124.3** (FL290 & above)
Pond Inlet **133.95** (FL230 & above)
Puvirnituq **118.4** (FL290 & above)
Rankin Inlet **124.75** (FL290 & above) 134.0 **134.0** (FL280 & below)
Red Deer 132.85 **132.85** (FL280 & below)
Resolute Bay **135.475** (FL270 & above)
Rocky Mtn House 134.3 **134.3**
Sachs Harbour **132.9** (FL290 & above)
Sanirajak **134.4** (FL230 & above)
Slave Lake 124.85 **124.85** 304.2 **304.2** (FL280 & below)
South Oil Sands 134.45 **134.45** (FL280 & below)
Stony Rapids **133.075** **134.8** (FL290 & above)
Taloyoak **135.025** (FL290 & above)
The Pas **133.5** (FL290 & above)
Thompson **134.5** (FL290 & above)
Vermilion 133.45 **133.45** (FL280 & below)
Watson Lake **132.675** (FL290 & above)
Whitecourt 132.05 **132.05** 135.6 **135.6** 293.7 **293.7**
Whitehorse 132.1 **132.1** 134.15 & **134.15** (FL280 & below)
Yellowknife 135.8 **132.5**

EDMONTON FIC – RCO

For a list of Edmonton RCOs and map, see Planning Section under FISE RCOs.

EDMONTON / JOSEPHBURG AB CFB6

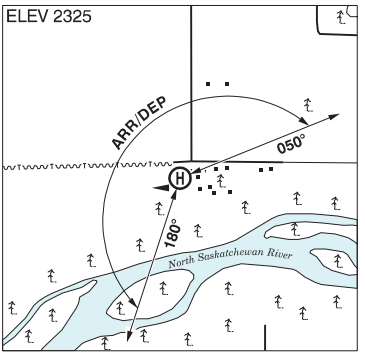
REF	N53 43 41 W113 05 13 0.7N 15°E (2013) UTC-7(6) Elev 2069´ VTA A5015 LO1 LO2 CAP
OPR	Strathcona County 780-417-7100 Reg
PF	A-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-862-7450 (see COMM)
SERVICES	
FUEL	100LL, JA (FSII avbl), HPR
S	1,2,3,4,5,6



RWY DATA	Rwy 08(085°)/26(265°) 4560x100 asphalt Thld 08 displ 394´ Thld 26 displ 247´ AGN IIIA
RCR	Opr 14-24Z‡ Mon-Fri exc hols. Ltd win maint wknds and hols. PLR/PCN.
LIGHTING	08-AS(TE HI) P1, 26-AO(TE HI) P1 ARCAL-123.5 type K
COMM	
ATF	tfc 123.5 5NM 5100 ASL
ARR	Edmonton Tml 119.5
DEP	Edmonton Tml 119.5
VFR ADV	Edmonton Tml 127.4 in Class C
AUTO	122.35
PRO	Maintain min of 1000 AGL over chemical plant & town. Jet and turbo-prop acft use rgt hand circuits 1500 AGL. Edmonton Class C Airspace overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt plan or ctc 888-358-7526 at least 30 min prior to entering. IFR Training Restriction: PPR for IFR tng flights. Ctc ATC 888-358-7526 no more than 24 hrs prior to ETD.
CAUTION	Blast fence 236' fr Thld 26, 266' fr Thld 08, on extended rwy centerline, 2082' ASL (12 AGL) lgtd. Glider activity 16NM E centred on the Chipman aerodrome 5NM radius to 9,500' sum months, peak periods wknds, hols & evenings. See CYA202(S) CHIPMAN. Activity not ltd to CYA202. Gliders monitor 123.4.

EDMONTON / KELSONAE AB (Heli) CSG6

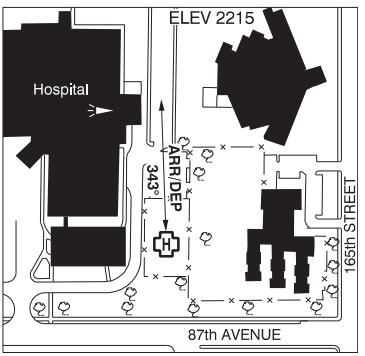
REF	N53 21 58 W113 50 16 10SW 15°E (2014) UTC-7(6) Elev 2325´ VTA A5015
OPR	Sunwapta helicopters 780-437-9706 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL
HELI DATA	FATO 45' dia GRASS TLOF 40' x 40' ASPH Safety Area 55' dia Max heli overall length 39'
RCR	Opr



COMM	
ATF	tfc 123.2 5NM excluding Edmonton Intl CZ BLW 3400 ASL
PRO	Arr/dep btwn 180°&050°. Slope 3.5% (H3), day use only. Avoid overflying residences to the E. Ctc Edmonton Intl twr before entering Class C airspace. Edmonton Intl Class C airspace 3400 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.
CAUTION	For apch fr N land at far S end corner of Pad for max tail rotor clnc

EDMONTON / MISERICORDIA (COMMUNITY HOSP) AB (Heli) CMC2

REF	N53 31 13 W113 36 40 15°E (2016) UTC-7(6) Elev 2215´ VTA A5015
OPR	Covenant Health 780-735-2200 Cert PPR
PF	B-1,3,4 C-2,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia CONC TLOF 33' dia CONC Safety Area 115' dia Max heli overall length 57.4
RCR	Opr



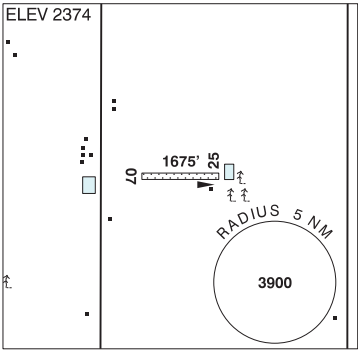
LIGHTING	DR RW(LO) RF(FH) ARCAL-123.2 type K

EDMONTON / MISERICORDIA (COMMUNITY HOSP) AB (Heli) (Cont'd) CMC2

COMM	
ATF	tfc 123.2 2NM below 4100 ASL
ARR	Edmonton Tml 127.4 3400 ASL and above
DEP	Edmonton Tml 127.4 3400 ASL and above
PRO	Arr/dep 343° fr heli (H1), day/ngt use. Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 4100 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.

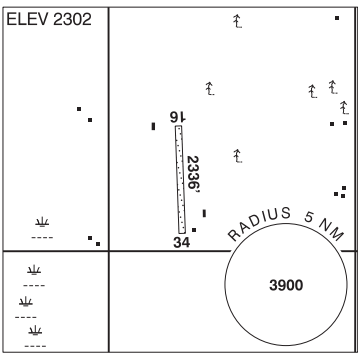
EDMONTON / MORINVILLE (CURRIE FIELD) AB CCF6

REF	N53 49 11 W113 45 39 4WNW 15ºE (2012) UTC-7(6) Elev 2374' VTA A5015
OPR	Scott Currie 780-918-5242 Reg
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton FIC 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(074º)/25(254º) 1675x 80 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 4600 ASL
PRO	Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.
CAUTION	Single p-line W of area. Model acft activity Apr 01-Oct 30.



EDMONTON / MORINVILLE (MIKE'S FIELD) AB CMN6

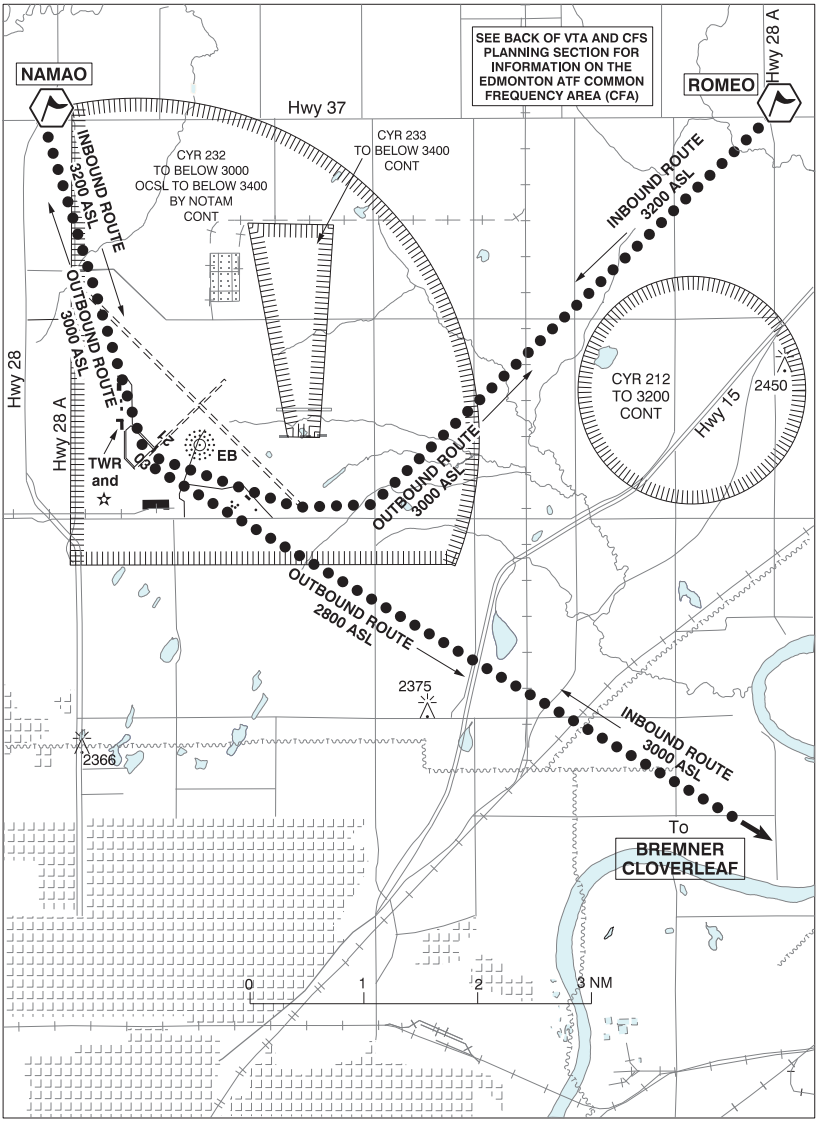
REF	N53 50 13 W113 33 48 4NE 15ºE (2012) UTC-7(6) Elev 2302' VTA A5015
OPR	Michael Poworoznik 780-718-6240 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 16(163°)/34(343°) 2336x75 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 2NM 4600 ASL



EDMONTON / MORINVILLE (MIKE'S FIELD) AB (Cont'd) CMN6

PRO	For VFR routes see Edmonton VTPC or as directed by ATC. Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.
CAUTION	P-line 75' south thld Rwy 34 runs along road 35 AGL

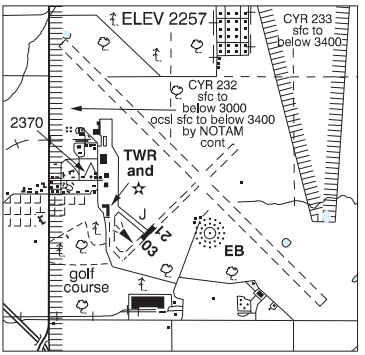
EDMONTON / NAMAO HELI VFR TERMINAL PROCEDURES CHART



EDMONTON / NAMAO HELI VFR TERMINAL PROCEDURES CHART

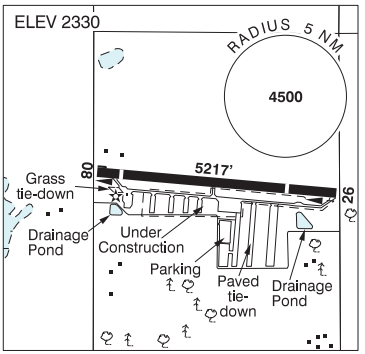
NAME	IDENT	LAT/LONG
NAMAO	VCNMO	N53° 42' 56" W113° 29' 48"
ROMEO	VCRMO	N53° 43' 00" W113° 19' 00"

EDMONTON / NAMAO AB (Heli) CYED



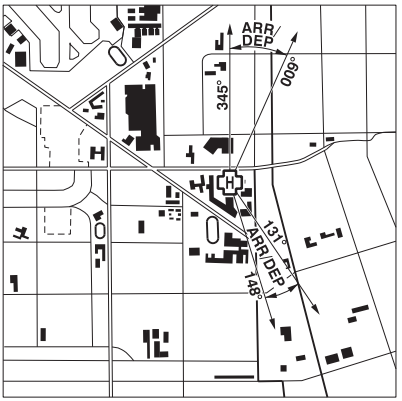
REF	N53 40 09 W113 28 32 8NNE 14°E (2018) UTC-7(6) Elev 2257´ VTA A5015 LO1 LO2 T1
OPR	408 OPS DND 780-973-4163 CSN 319-528-4163 Mil PPR Flt adv DND 780-973-4108 (emerg only) CSN 319-528-4108
PF	A-1,2 ltd hrs C-3 D-4,5,6
FLT PLN	Ctc 408 Sqn OPS 780-973-4163 min 48 hr notice for PPR
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
MIL	780-973-4163 CSN 319-528-4163 ltd hrs at Sqn OPS
WX	Met brief for mil only. Lcl Met Section CSN 528-4972 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM). METAR during mil flt ops. TAF dur mil flt ops, issue times depending on mil requirements.
SERVICES	
FUEL	F-34
OIL	NATO 9150-01-209-2684 (156)
ARFF	CAT 3
JASU	CE12
MIL ADV	408 Sqn Ops call "GANDER OPS" 131.4 383.7 fm 40.9 ltd hrs
HELI DATA	FATO 03H(031°)/21H(211°) 148 x 492 ASPH unltd
LIGHTING	ARCAL-118.0 type K
COMM	
MF/ATF	Namao advsy 118.0 ltd hrs Mon-Fri exc hols O/T tfc 118.0 Opr dates and hrs may vary without notice Flt Following 383.7
ARR	Edmonton 119.5
DEP	Edmonton 119.5
PMSV	344.6 ltd hrs
NAV	
NDB	EB 256 (L) N53 40 06 W113 27 37 Unmonitored outside oprg hrs
PRO	For VFR rtes see Edmonton (Namao) Heli VTPC or as directed by ATC. Heli is within CYR 232. Range 0.6NM E of EB NDB may be open. Avoid CYR 212 sfc to 3200 ASL. Air taxi skid-equipped only via shortest rtes or as directed by ATC.

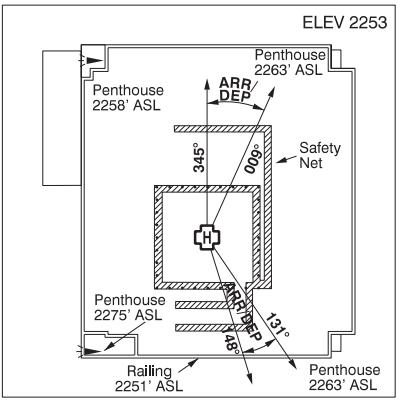
EDMONTON / PARKLAND AB — CPL6



REF	N53 28 27 W113 49 27 5W 15°E (2017) UTC-7(6) Elev 2330' VTA A5015 LO2 T1
OPR	Parkland Airport Development Corp. 780-665-8119 Cert
PF	B-7 D-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL, JA-1 (FSII) Automated credit card processing cardlock
OIL	15W50
S	1,4,5,6 2,3 Edmonton Flying Club 780-800-9639
RWY DATA	Rwy 08(080°)/26(260°) 5217x100 ASPH Thld 08 displ 485' Thld 26 displ 1035'
RCR	Opr
LIGHTING	08-(TE HI), 26-(TE HI) ARCAL-122.7 type K
COMM	
MF	tfc 122.7 (no ground station) 4NM 3900 ASL (CAR 602.98)
VFR ADV	Edmonton Tml 127.4 in Class C
PRO	Edmonton Intl Class C airspace 4100 ASL and above overlies A/D outside of designated area surrounding aerodrome. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace. Circuit alt 3300 ASL. Rgt hand circuits Rwy 26 (CAR 602.96) **Entering/Leaving Circuit:** Acft entering or leaving the circuit, abv 3300 ASL, shall remain: - West of Hwy 60 (Devon Hwy) - North of Hwy 627 (Garden Valley Rd) - South of Hwy 628 (Whitemud Extension) **IFR Departures:** Due to overlying IFR apch and dep procedures; IFR clnc not avbl on the ground. Airborne acft should expect delays in the receipt of an IFR clnc. To expedite the issuing of an IFR clnc once airborne, the following procedures are suggested: - Prior to dep: call 1-888-FLT-PLAN for discrete transponder code (this is not an ATC clnc) - When airborne: proceed westbound, remain VFR, clear of Class C airspace, and ctc Edmonton Tml 119.5
CAUTION	Avoid over-flying residential area 1-1.5 sm N of rwy.

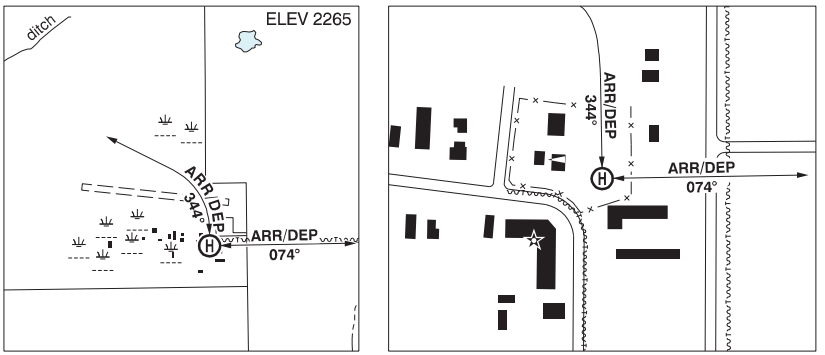
EDMONTON (ROYAL ALEXANDRA HOSP) AB (Heli) CFH7





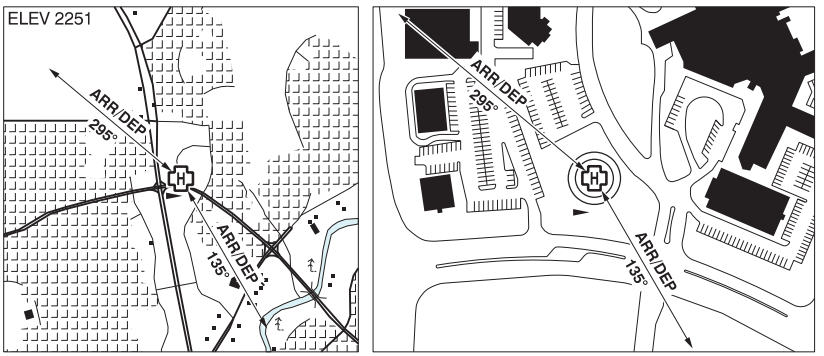
REF	N53 33 28 W113 29 47 Adj 15°E (2014) UTC-7(6) Elev 2253´ VTA A5015
OPR	Royal Alexandra Hosp 587-986-2097 or 780-342-5100 Cert PPR
PF	A-1,4 C-2,3,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia non-supporting TLOF 64' x 64' CONC Safety Area 115' 17,000 lbs Max heli overall length 57.4'
RCR	Opr
LIGHTING	RY(LO) PN ctc opr
COMM	
ATF	tfc 123.2 2NM below 4100 ASL
ARR	Edmonton Tml 127.4 3400 ASL and above
DEP	Edmonton Tml 127.4 3400 ASL and above
PRO	Arr/dep 345° to 009° and 131° to 148° fr heli, slope 6% (H1); routing via heli VTPC or as directed by ATC. Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 4100 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.
CAUTION	Concrete guardrails extend 3´ abv ramp edges. Hatched area descends away fr Heli to parkade. Lgtd elevator penthouse aprx 100' SW of pad ctr.

EDMONTON / ST. ALBERT (DELTA HELICOPTERS) AB (Heli) CES3



REF	N53 41 12 W113 41 14 3.5NW 15°E (2014) UTC-7(6) Elev 2265´ VTA A5015
OPR	Delta Helicopters Ltd 780-458-3564 Cert PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia GRAVEL Safety Area 115' dia Max heli overall length 57'
RCR	Opr Daylight hrs
COMM	
ATF	tfc 123.2 2NM 3400 ASL
PRO	Arr/dep 074° & 344° curved fr heli, slope 8% (H3). Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.
CAUTION	Power lines 131' SW & 492' E fr heli marked with ball markers.

EDMONTON / STURGEON COMMUNITY HOSP AB (Heli) CSA3



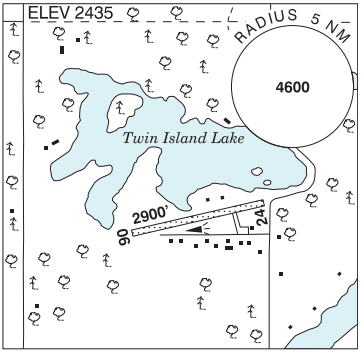
REF	N53 39 16 W113 37 38 Adj NW 15°E (2014) UTC-7(6) Elev 2251´ VTA A5015
OPR	Alberta Health Services 780-418-8200 Cert PPR

EDMONTON / STURGEON COMMUNITY HOSP AB (Heli) (Cont'd) CSA3

PF	A-1,2,3,4 C-5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	33' dia concrete 85' dia (4´ perimeter fence) Rstd max heli length 57.4´
LIGHTING	RY
COMM	
ATF	tfc 123.2 2NM below 4100 ASL
ARR	Edmonton Tml 127.4 3400 ASL and above
DEP	Edmonton Tml 127.4 3400 ASL and above
PRO	Arr/dep path 135°& 295° fr heli. Certified for twin engine (H2) helicopters. Slope 16% to be used by multi-engine acft only. Routing via heli VTPC or as directed by ATC. Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 3400 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.
CAUTION	Trees and streetlights along roadways. Two and three storey bldg S and W of heli.

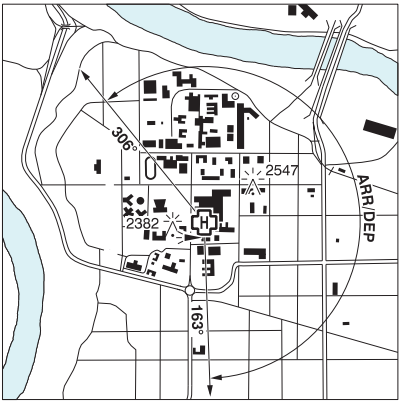
EDMONTON / TWIN ISLAND AIRPARK AB CEE6

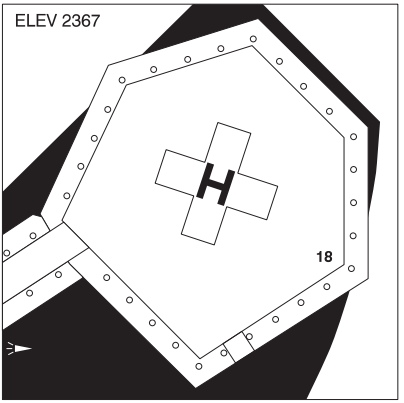
REF	N53 28 16 W113 09 16 12SE 15°E (2013) UTC-7(6) Elev 2435´ VTA A5015
OPR	Twin Island Resident's Association 780-922-2596 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 06(062°)/24(242°) 2900x100 GRASS
RCR	Opr Ltd win maint



COMM	
MF	tfc 123.35 5NM centred on Cooking Lake land A/D 3NM SE 4600 ASL excluding Edmonton TCA (CAR 602.98) (Refer to Edmonton VTPC)
PRO	Rgt hand circuits Rwy 24 (CAR 602.96). For VFR routes see Edmonton VTPC or as directed by ATC. Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.

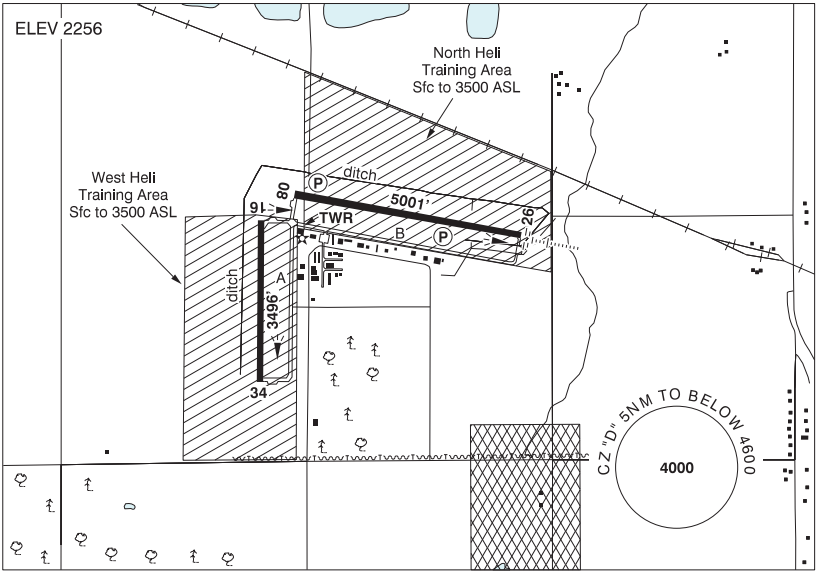
EDMONTON / UNIV OF ALBERTA (STOLLERY CHILDREN'S HOSP MAHI) AB (Heli) CEW7





REF	N53 31 13 W113 31 19 Adj SW 15°E (2013) UTC-7(6) Elev 2367′ VTA A5015 CAP
OPR	Alberta Health Services 780-407-6689 or 780-407-8472 option 1 Cert PPR
PF	A-1,2,4 C-3,5,6
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86’ dia TLOF 57' dia hexagonal concrete rooftop Safety Area 115' dia 18,000lbs Max heli overall length 57.4’ (CAR 602.96)
RCR	Opr
LIGHTING	RY(LO) green PN ctc opr
COMM	
ATF	tfc 123.2 2NM below 4100 ASL
ARR	Edmonton Tml 127.4 3400 ASL and above
DEP	Edmonton Tml 127.4 3400 ASL and above
PRO	Arr/dep 306° to 163° fr heli (H1), day/night use (CAR 602.96). Edmonton Intl Class E airspace 3000 ASL (TRANSPONDER MANDATORY) and Class C airspace 4100 ASL and above overlies A/D. Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering. Air traffic advsy freq 123.2 Edmonton City Area in Class G and E airspace.
CAUTION	Numerous bldgs to 2515' ASL E of helipad.

EDMONTON / VILLENEUVE AB CZVL



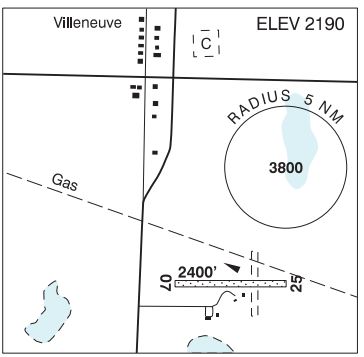
REF	N53 40 06 W113 51 08 1W 14°E (2020) UTC-7(6) Elev 2256´ VTA A5015 LO1 LO2 HI3 T1 CAP
OPR	Edmonton Regional Airports Authority 780-890-8327 H24 Cert
PF	A-1 avbl 1430-2300Z‡ D-2,3,4,5,6
CUST	AOE/15 (Cost Recovery) 888-226-7277 14-22Z‡
FLT PLN	
FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), SP Villeneuve Aviation Centre Inc. 780-460-0470 Mon-Fri 14-01Z‡, Sat 15-23Z‡, Sun 17-21Z‡ O/T call out chgs apply. Fuel truck avbl. Automated credit card processing cardlock. Cardinal Aviation Centre FBO 780-459-0952/780-446-5949 Mon-Sat 15-23Z‡ Sun 20-23Z‡ O/T 780-446-5949. HQ Fuels Ltd. Automated credit card processing. Fuel truck avbl 888-451-4621
OIL	All
S	1,2,3,4,5,6

EDMONTON / VILLENEUVE AB (Cont'd) CZVL

RWY DATA	Rwy 08(086°)/26(266°) 5001x100 ASPH Rwy 08 down 0.42% Rwy 16(166°)/34(346°) 3496x100 ASPH RESA: 08/26 295'
RWY CERT	Rwy 08/26 AGN IIIB Rwy 16/34 AGN II
TWY CERT	Twy: A,B AGN II
APRON	Apron II PPR fr tenant or opr for access. Bcst intentions on 123.45. Apron II rstd to acft with wingspans less than 59.1'.
RCR	Opr Ltd hrs, 3 hrs PN. Call out fee may be levied. CRFI, PLR/PCN.
LIGHTING	08-(TE HI) P2, 26-AN(TE HI) P2, 16-(TE ME), 34-(TE ME) ARCAL-118.8 type K
COMM	
ATIS	128.35 15-04Z‡
GND	Villeneuve 120.8 15-04Z‡
TWR	Villeneuve 118.8 (V) 15-04Z‡ (emerg only 780-458-5828)
ATF	tfc 118.8 04-15Z‡ 5NM to below 4600 ASL
ARR	Edmonton Tml 119.5
DEP	Edmonton Tml 119.5
VFR ADV	Edmonton Tml 127.4 in Class C
AWOS	128.35 04-15Z‡
NAV	
DME	IVL 111.95 Ch 56(Y) N53 40 23 W113 50 36 (2251')
ILS	IVL 111.95 (Rwy 26) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 16 & 26 (CAR 602.96). Pilots to close VFR flt plans with Edmonton FIC (phone) when practicable or request closure fr ATC. For VFR routes see Edmonton VTPC or as directed by ATC. Edmonton Class C Airspace overlies CZ. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt plan or ctc 888-358-7526 at least 30 min prior to entering. IFR Training Restriction: PPR for IFR tng flights. Ctc ATC 888-358-7526 no more than 24 hrs prior to ETD. **HELI OPS:** Use Heli Training Area "NORTH" or "WEST" sfc to 3500 ASL. Remain North of Taxiway Bravo while using North Heli training area. Remain West of Taxiway Alpha while using West Heli training area.
CAUTION	Deer in vic of rwys. Aerobatics may be in progress over aprt 5800 ASL & below. Rising terrain immediately S of thld Rwy 34. Avoid flt over noise sensitive areas.

EDMONTON / VILLENEUVE (ROSE FIELD) AB CRF3

REF	N53 38 44 W113 48 10 2SE 15°E (2012) UTC-7(6) Elev 2190´ VTA A5015
OPR	Simon A. Rose 587-879-3242 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(072°)/25(252°) 2400X60 GRASS
RCR	Opr No wint maint Conditions subject to seasonal and/or climatic variations. Soft in spring.

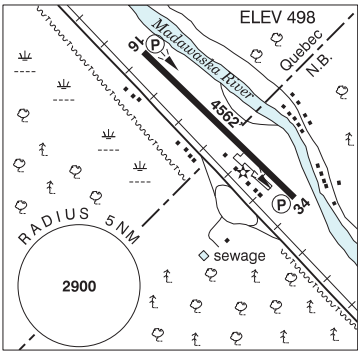


EDMONTON / VILLENEUVE (ROSE FIELD) AB (Cont'd) CRF3

COMM	
MF	Villeneuve Tower 118.8 (V) 15-04Z‡ (emerg only 780-458-5828)
ATF	tfc 118.8 04-15Z‡ 5NM centred on Villeneuve A/D to below 4600 ASL
PRO	Ctc Villeneuve Twr 118.8 5 miles and prior to tkof No tng flts or apchs.
CAUTION	Watch for tfc on hwy 44 when landing Rwy 07 and dep Rwy 25. Note: Airport close to Edmonton/Villeneuve CZVL with similar rwy designations.

EDMUNDSTON NB CYES

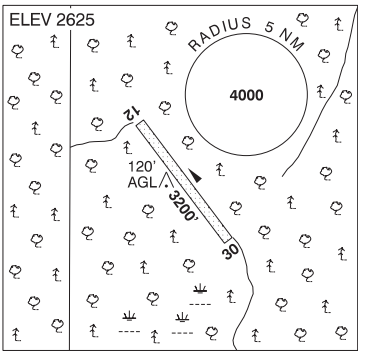
REF	N47 29 24 W68 28 54 9NW 18°W (2014) UTC-4(3) Elev 498' A5002 LO7 LO8 CAP
OPR	Aéroport Madawaska Airport Inc 506-735-5222 Reg
PF	A-1 C-2 D-3,4,5,6
CUST	AOE/15 888-226-7277
FLT PLN	
FIC	(bil) Québec 866-WXBRIEF or (French) 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Montréal 514-633-3211 or 800-633-1353.



SERVICES	
FUEL	100LL, JA-1 10-19Z‡ Mon-Fri O/T ctc opr Call out chg may be levied
OIL	All
RWY DATA	Rwy 16(152°)/34(332°) 4562x75 ASPH AGN IIIA
RCR	Opr PN for win maint
LIGHTING	16-(TE LO) AP, 34-(TE LO) AP ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3500 ASL
PRO	Rgt hand circuits Rwy 34 (CAR 602.96). Acft that cancel IFR in USA airspace and are unable to file a VFR Flt Pln, must cancel the SAR portion of their IFR Flt Pln for CYES with CZUL ACC at 514-633-3023.
CAUTION	Only pilots familiar with the lcl area should use this aprt dur hrs of darkness due to surrounding high terrain.

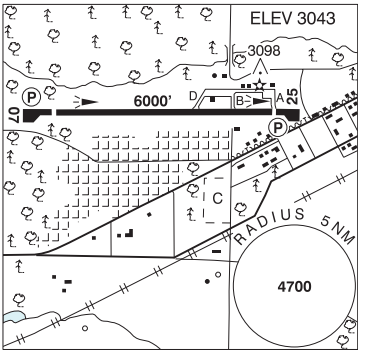
EDRA AB — CEV2

REF	N57 51 W113 15 16°E (2012) UTC-7(6) Elev 2625´ A5023
OPR	Alberta Environment and Sustainable Resource Development, Forestry and Emergency Response Division Fort McMurray 780-743-7125 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 12(127°)/30(307°) 3200x100 GRASS
RCR	Opr Ltd maint. No win maint
COMM	
ATF	tfc 123.2 5NM 5700 ASL
CAUTION	Vicinity of North Oil Sands ATF area, see Fort MacKay VTPC.



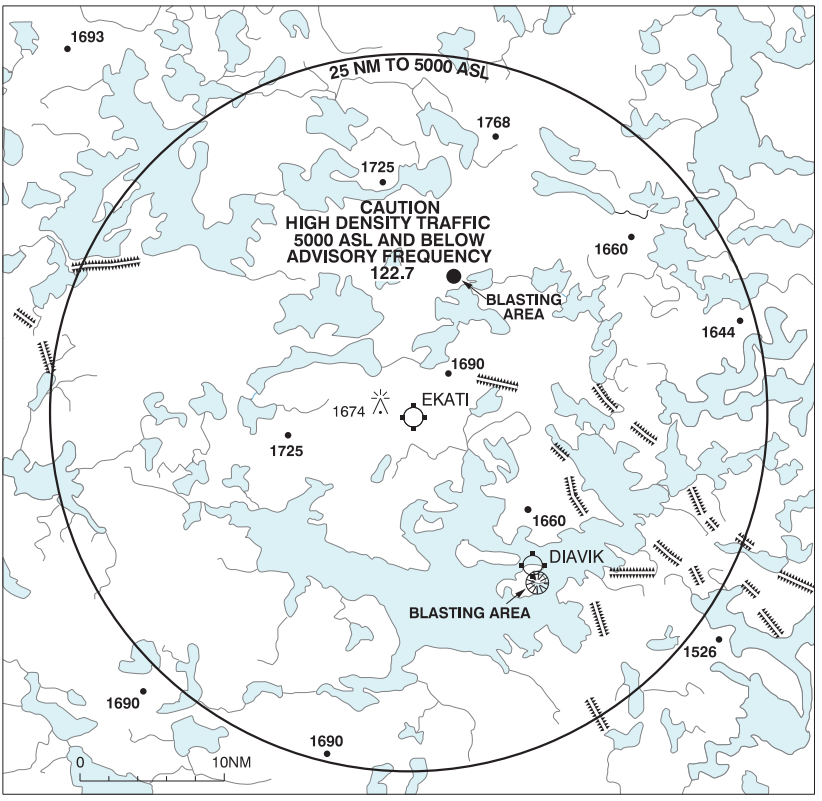
EDSON AB — CYET

REF	N53 34 44 W116 27 54 Adj SW 16°E (2013) UTC-7(6) Elev 3043´ A5014 LO1 LO2 HI3 CAP
OPR	Town 780-723-6300/4010 Cert Ldg fees
PF	A-1,3,7,8 C-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) WxCam
SERVICES	
FUEL	100LL, JA (FSII avbl) 780-723-3134
S	4
RWY DATA	Rwy 07(074°)/25(254°) 6000x100 asphalt Rwy 07 down 0.37% Thld 07 displ 594´. Thld 25 displ 484´.
RWY CERT	Rwy 07/25 AGN IIIA
TWY	Twy D rstd to Alta Forestry use only. No win maint.
RCR	Opr Win maint 14-23Z‡ Mon-Fri exc hols
LIGHTING	07-(TE ME) P1, 25-(TE ME) P1 ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 6100 ASL
AWOS	128.75
CAUTION	Water bomber activity at or in vic of A/D Apr thru Sep. Wildlife in vic of rwy.



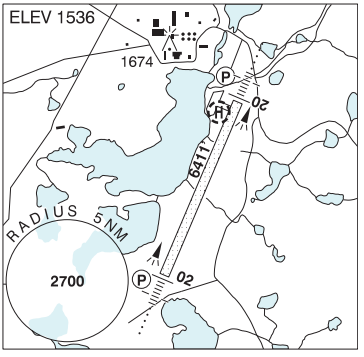
EDZO NT — See RAE / EDZO

EKATI-DIAVIK VFR TERMINAL PROCEDURES CHART



EKATI NT

CYOA



REF	N64 41 56 W110 36 53 13°E (2020) UTC-7(6) Elev 1536´ A5036 LO5 HI2 CAP
OPR	Arctic Canadian Diamond Company Ltd. 867-880-2220 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO H24 (see COMM) ALTIMETER/WIND ltd hrs (see COMM)
RWY DATA	Rwy 02(023°T)/20(203°T) 6411x148 GRVL Rwy 20 up 0.45% AGN IIIA
RCR	Opr
HELI DATA	Parking pad 1,2 & 3: 52’ dia GRVL

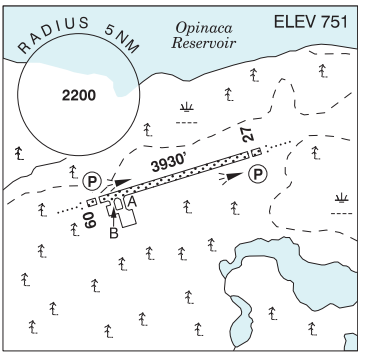
EKATI NT (Cont'd) CYOA

LIGHTING	02-AN(TE HI) P2, 20-AN(TE HI) P2 (non-std)
COMM	
RCO	Edmonton rdo 123.275 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.7 25NM 5000 ASL
PAL	Edmonton Ctr 135.175
AUTO	122.175
CAUTION	High density tfc - see EKATI-DIAVIK VTPC. Caribou may be on or in vic rwy. Blasting area 2.4NM SSW of A/D, sfc to 2600 ASL. Blasting and all clear announcements on EKATI unicom 122.7. Remotely Piloted Aircraft (RPA) act in vic of AD. Migratory bird act May-Oct.

ELDORADO ON — See THUNDER BAY / ELDORADO

ÉLÉONORE QC CEL8

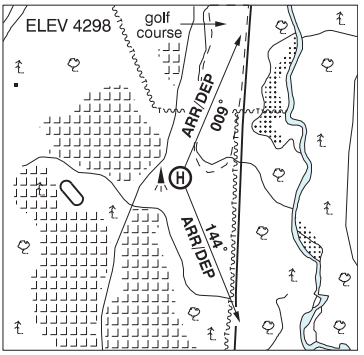
REF	N52 43 07 W76 04 49 17°W (2013) UTC-5(4) Elev 751' A5018 LO3 CAP
OPR	Newmont, Éléonore Mine Day 819-865-4300/7046 Ngt 819-865-7046/7072/0099 Reg PPR
PF	A-1 C-2, 4
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO (bil) 819-865-4416 (see COMM)



SERVICES	PPR Call out chg may be levied
FUEL	JA-1 HPR
S	6
SUP FL	D & A-ice
JASU	10
RWY DATA	Rwy 09(090°)/27(270°) 3930x120 gravel Thld 09 displ 193' Thld 27 displ 194' AGN IIIA
RCR	Opr Mon-Fri 10-22Z‡ O/T PN Ltd win maint
LIGHTING	09-AO(TE ME) P1, 27-AO(TE ME) P1 ARCAL-123.2 type K
COMM	(bil)
MF	tfc 123.2 15NM 3800 ASL (CAR 602.98)
AUTO	122.55
CAUTION	Migratory bird activity May-Oct. Presence of caribou on rwy Oct-May. Possibility of maint eqpt on rwy ctc Opr. Occasional blasting ops, NOTAM issued when necessary, ctc Opr bfr entering the region. Twr 1144 ASL 1.6NM WSW.

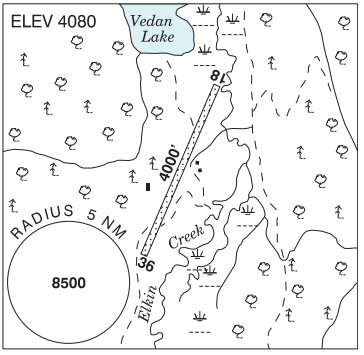
ELKFORD BC (Heli) CEH7

REF	N50 00 25 W114 55 23 1.1SSE 14°E (2014) UTC-7(6) Elev 4298' A5005
OPR	District of Elkford 250-865-4000 Reg PPR
PF	C-1,2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 87' dia CONC TLOF 48' dia CONC Safety Area 115' dia 15,432 lbs Max heli overall length 59'
RCR	250-865-4020, 250-910-4021/4022 15-23Z‡
LIGHTING	RW(LO) yellow, no aiming pt DR(LO) yellow ARCAL-122.8 type k
COMM ATF	tfc 122.8 5NM 7300 ASL
PRO	Arr/dep 009° & 144° fr heli.
CAUTION	Wildlife in vic of heli.



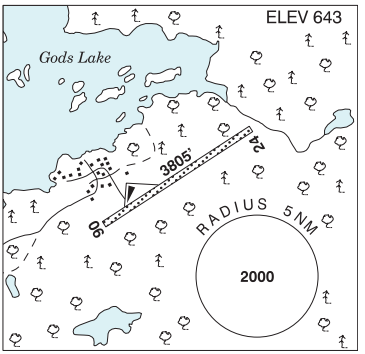
ELKIN CREEK GUEST RANCH BC CBL9

REF	N51 30 46 W123 48 16 18°E (2012) UTC-8(7) Elev 4080´ A5004
OPR	Elkin Creek Guest Ranch 250-394-5175 Reg
PF	B-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4,5 (May-Oct)
RWY DATA RCR	Rwy 18/36 4000x45 GRASS Opr No win maint.
COMM ATF	tfc 123.2 5NM 7100 ASL
CAUTION	Check for animals on rwy.



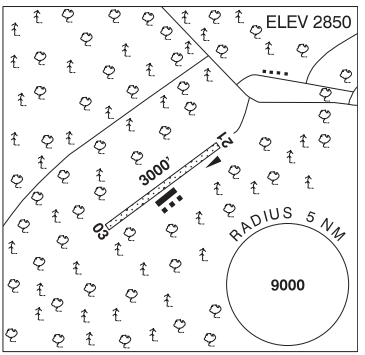
ELK ISLAND MB — CKZ3

REF	N54 40 14 W94 08 44 Adj SE 1°E UTC-6(5) Elev 643' A5017 LO3 RCAP
OPR	Elk Island Lodge 204-775-9070 Reg
PF	C-1,2,5 PN Opr Jun 03-Sep 20
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 06(059°)/24(239°) 3805x100 GRVL Rwy 06 down 0.5% Opr No win maint
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL



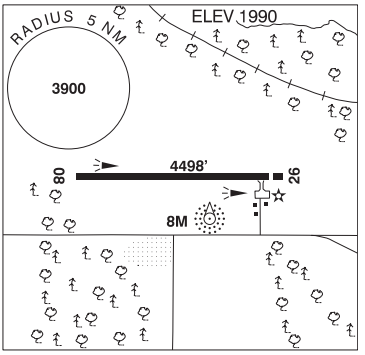
ELKO / LIONEL P. DEMERS MEMORIAL AIRPARK BC — CBE2

REF	N49 17 W115 09 1.7WSW 15°E (2012) UTC-7(6) Elev 2850´ A5005
OPR	Richard Demore Crowsnest Owners & Pilots Society 519-420-0745 Reg
PF	C-1,2 D-4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 03/21 3000x100 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 5900 ASL
CAUTION	Wildlife in vicinity of rwy. Soft field conds in Mar & Apr.



ELK POINT AB — CEJ6

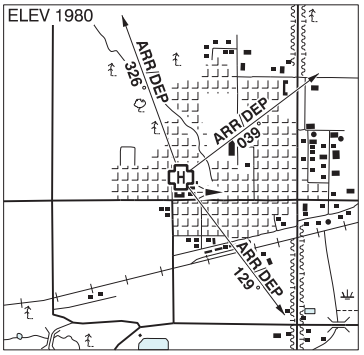
REF	N53 53 35 W110 46 22 5E 14°E (2012) UTC-7(6) Elev 1990' A5015 LO1 LO2 CAP
OPR	Town 780-724-3810/3766 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 08(076°)/26(256°) 4498x75 ASPH Rwy 08 down 0.56% Thld 26 displ 217' AGN IIIA St. Paul County 1400-2230Z‡ Mon-Fri exc hols 780-645-3006 O/T PN 780-645-0557. Ltd win maint.

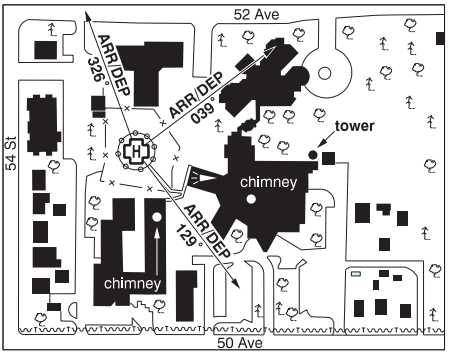


ELK POINT AB (Cont'd) CEJ6

LIGHTING	08-(TE ME), 26-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5000 ASL
NAV NDB	8M 414 (L) N53 53 25 W110 46 05 Pvt Unmonitored
PRO	IFR dep, ctc Cold Lake tml 780-840-8000 Ext 8594

ELK POINT (HEALTHCARE CENTRE) AB (Heli) CEP7



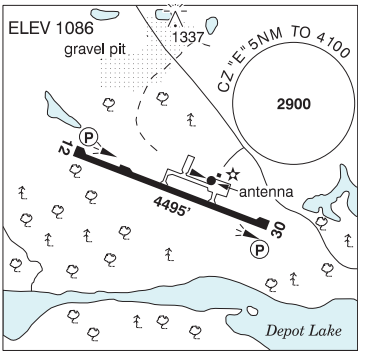


REF	N53 53 54 W110 54 29 14ºE (2012) UTC-7(6) Elev 1980' A5015
OPR	Alberta Health Services 780-724-3847 Cert NVIS OPS AUTH PPR
PF	A-1,2,4
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	RW (LO) green
COMM ATF	tfc 123.2 5NM centred on Elk Point A/D 5NM E 5000 ASL
PRO	Arr/dep 039° & 129° & 326° fr heli (H1). NVIS rqrd for ngt use, all flt paths (CAR 602.96)
CAUTION	Unlgtd p-lines 140' SW thru 300' NNW of heli. Trees all quadrants 36-58' AGL. Non-std FATO light spacing.

ELK VALLEY BC — See SPARWOOD / ELK VALLEY

ELLIOT LAKE MUNI ON — CYEL

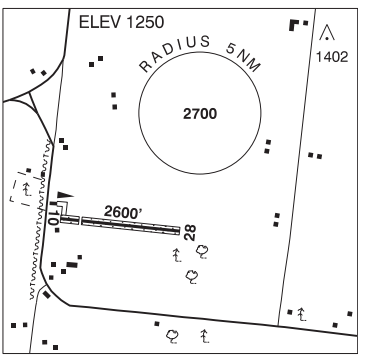
REF	N46 21 06 W82 33 40 4SE 9°W UTC-5(4) Elev 1086´ A5001 A5000 LO4 CAP
OPR	City 705-461-7222 1230-2100Z‡ Mon-Fri exc hols O/T 705-261-0350, 705-849-0887/6047 Reg
PF	B-1,6 C-2,3,4,5
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
SERVICES	1230-2100Z‡ Mon-Fri exc hols. After hrs airside emerg phone on wall of ATB can be used. O/T call out chg.
FUEL	JA-1 (FSII avbl), HPR 705-261-0350
OIL	15W50, 20W50
RWY DATA RCR	Rwy 12(121°)/30(301°) 4495x100 asphalt Rwy 30 up 0.68% Opr
LIGHTING	12-(TE ME) P2, 30-(TE ME) P2 PAPI activated with ARCAL-123.0 type K
COMM ATF PAL	 UNICOM ltd hrs see opr O/T tfc 123.0 5NM 4100 ASL Toronto Ctr 135.4
PRO	Rgt hand circuits Rwy 12 (CAR 602.96).



ELMHIRST'S RESORT ON — See KEENE / ELMHIRST'S RESORT

ELMIRA ON — CNT6

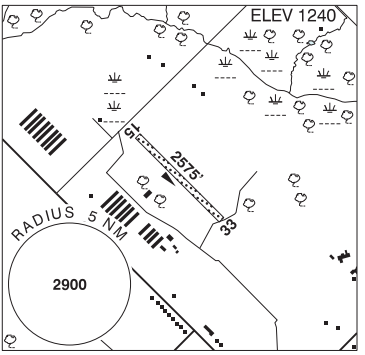
REF	N43 35 05 W80 36 11 2SW 10°W UTC-5(4) Elev 1250´ VTA A5000
OPR	N. Kennedy 519-501-2904 Reg PPR
PF	C-2,5 D-3,4,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	 5
RWY DATA RCR	Rwy 10/28 2600x75 ASPH/GRASS, centre 25´ ASPH. Thld 10 displ 400´. Opr No win maint. Rwy sfc rough.
COMM ATF	 tfc 123.2 5NM 4300 ASL
CAUTION	P-line aprx 35 AGL 350´ fr Thld 10 (poles red/white striped and orange balls on wires).



ELORA ON

CDF5

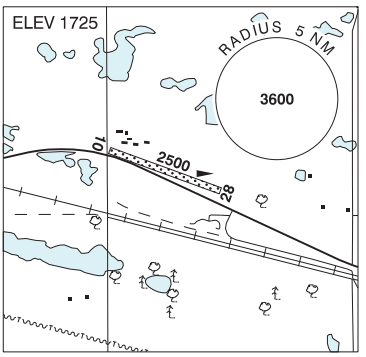
REF	N43 37 57 W80 21 23 4.5SE 10°W (2015) UTC-5(4) Elev 1240' VTA A5000
OPR	John Donkers 519-846-0970 Reg PPR
PF	C-1,2,3,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA RCR	Rwy 15(145°)/33(325°) 2575x75 GRASS Opr May-Oct. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 3NM 4200 ASL
CAUTION	P-line 30 AGL 325' fr Thld 15.



ELSTOW / COMBINE WORLD FIELD SK

CEW2

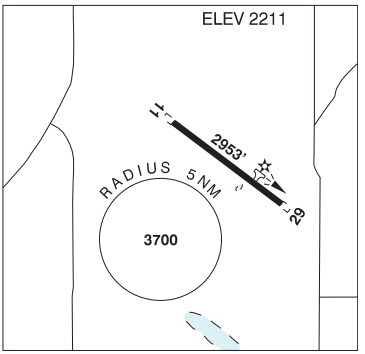
REF	N52 00 01 W106 06 58 2.3W 10°E (2019) UTC-6 Elev 1725' A5006 A5015
OPR	Charlie Smith 306-221-3800 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	7
RWY DATA RCR	Rwy 10(100°)/28(280°) 2500x60 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5000 ASL
CAUTION	Unlgtd twr aprx 50 AGL NE Thld 10



EMBRUN ON — See OTTAWA / EMBRUN

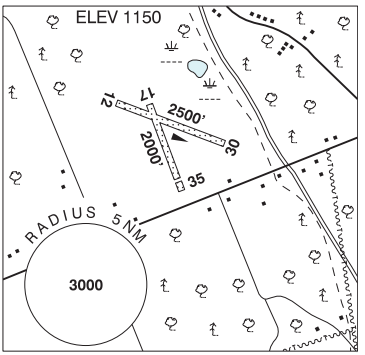
EMPRESS AB — CYEA

REF	N50 56 01 W110 00 49 2S 13°E (2013) UTC-7(6) Elev 2211´ A5006 LO2 HI3
OPR	Village 403-565-3938 Reg
PF	A-1 C-2,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 11(114°)/29(294°) 2953x75 asphalt
RCR	Opr Ltd win maint
LIGHTING	11-(TE ME), 29-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 5300 ASL
NAV **DME**	YEA 115.9 Ch 106 N50 55 34 W109 59 22 (2278´)



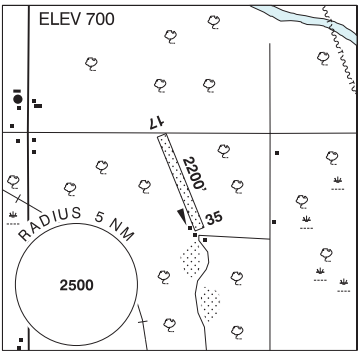
EMSDALE ON — CNA4

REF	N45 33 W79 21 1.3NW 11°W UTC-5(4) Elev 1150´ A5000
OPR	Emsdale Aprt Authority Inc 705-571-9333 or 705-840-6667 ltd hrs Reg
PF	C-1,2,4,5 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 12/30 2500x100 GRASS Rwy 17/35 2000x100 CLAY/GRASS Thld 35 displ 200'.
RCR	Opr No win maint. May be soft when wet.
COMM **ATF**	tfc 123.2 5NM 4200 ASL



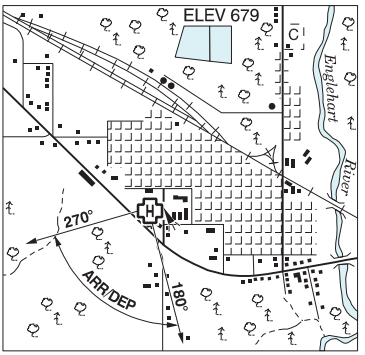
ENGLEHART (DAVE'S FIELD) ON CDF3

REF	N47 48 35 W79 48 40 Adj 12°W (2011) UTC-5(4) Elev 700' A5001 A5009 LO4 LO7
OPR	David Laframboise 705-648-5658/1325 Reg PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(170°)/35(350°) 2200x150 GRASS
RCR	Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 2NM 3700 ASL
CAUTION	Wildlife may be present on rwy at dawn/dusk. Trees N end of rwy.



ENGLEHART (DISTRICT HOSP) ON (Heli) CNS3

REF	N47 49 23 W79 52 49 Adj SW 12°W (2013) UTC-5(4) Elev 679´ A5001 A5009
OPR	Englehart and District Hosp 705-544-2301 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ ASPH Safety Area 148' x 140´ Max heli overall length 57.4´
LIGHTING	RY(LO) RF(FL)
COMM ATF A/G	tfc 123.2 2NM 3700 ASL ambulance dispatch 129.275
PRO	Arr/dep 180° to 270° fr heli
CAUTION	Earlton (Timiskaming Regional) A/D 7.8NM S of heli. MF 122.0 5NM 3800 ASL (CAR 602.98).

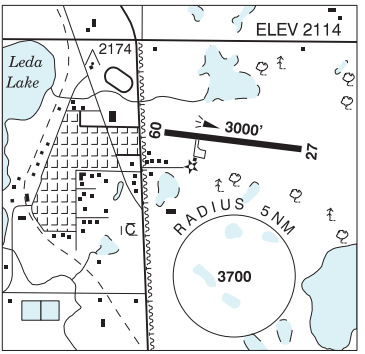


ENTRANCE AB — See HINTON / ENTRANCE

ERICKSON MUNI MB

CKQ6

REF	N50 29 58 W99 53 52 Adj E 5°E (2020) UTC-6(5) Elev 2114´ A5007 LO4
OPR	Erickson Flying Club 204-636-7803 Reg
PF	B-1 C-2,4,5 D-3
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S	For svcg 204-636-7803/2279 100LL, JA-1 All 4,5,6
RWY DATA RCR	Rwy 09(092°)/27(272°) 3000x75 ASPH Opr Ltd win maint
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.2 key mic 3 times in 5 sec for 15 min dur
COMM ATF	tfc 123.2 5NM 5200 ASL

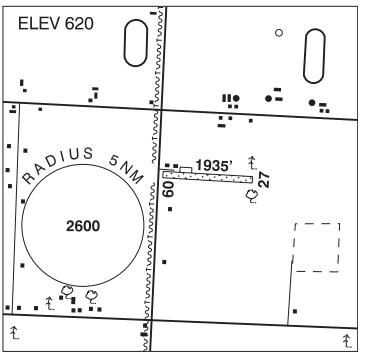


ERIK NIELSEN INTL YT — See WHITEHORSE / ERIK NIELSEN INTL

ESSEX ON

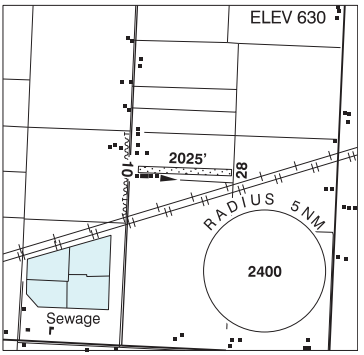
CNE9

REF	N42 05 45 W82 52 46 4SW 7°W UTC-5(4) Elev 620´ A5000
OPR	P. & A. Harrington 519-776-7441 Reg
PF	C-1,2,3,5 D-4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	2,3,5
RWY DATA TWY RCR	Rwy 09/27 1935x70 GRASS Twy at hg entrance only. No win maint. A/D clsd in hvy rain periods. Call ahead to confirm rwy has dried up enough to land on.
COMM ATF	tfc 122.8 5NM 3600 ASL
PRO	Pilots are requested to avoid flight below 2000 ASL when flying over the Jack Miner Bird Sanctuary (Kingsville, Ont N42 04 00 W82 45 00) & over Point Pelee National Park.
CAUTION	Ditches at Thlds 09 & 27 and along rwy sides. Wind shear fr hg with N/NE/NW winds. Trees on apch to Rwy 27. Bldg at edge of Rwy 09/27.



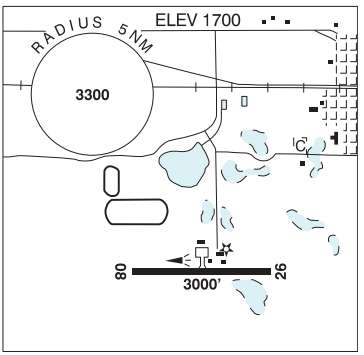
ESSEX / BILLING AIRSTRIP ON — CEB8

REF	N42 11 12 W82 46 56 1.9E 7°W UTC-5(4) Elev 630' A5000
OPR	Pam/Erik Billing 519-723-4479 Reg PN
PF	B-1,2 C-3 D-4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL (D) Emerg only 100 Emerg only 5
RWY DATA RCR	Rwy 10(099°)/28(279°) 2025x100 GRASS Opr Ltd win maint. Rwy may be soft when wet.
CAUTION	Water lagoons 1500' SW of Thld 10, possible bird hazard. Ditch at Thld 28. Hydro wires along road near Thld 10. Wind turbine 0.5NM SW of Thld 10 1017 ASL (394 AGL). Numerous wind turbines in vic.



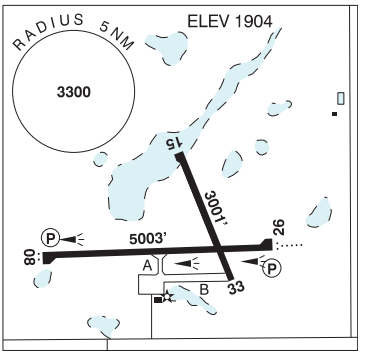
ESTERHAZY SK — CJK4

REF	N50 38 34 W102 06 01 1.5SW 9°E UTC-6 Elev 1700´ A5006 LO2
OPR	Town 306-745-3942 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(081°)/26(261°) 3000x75 asphalt Opr Ltd win maint
LIGHTING	08-(TE LO), 26-(TE LO)
COMM ATF	tfc 122.8 5NM 4700 ASL



ESTEVAN REGIONAL SK — CYEN

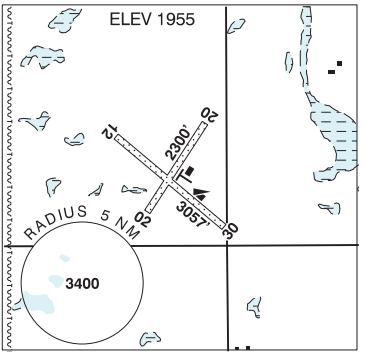
REF	N49 12 37 W102 57 57 3N 8°E (2013) UTC-6 Elev 1904´ A5006 LO2 HI4 CAP
OPR	City 306-634-8668 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM). TAF 12-24Z, issue times: 12, 18Z. WxCam



SERVICES	Call out chg may be levied for one or more svcs. 306-634-8668/421-9459
FUEL	100LL, JA-1, SP 14-23Z Mon-Fri, 19-23Z Sat & Sun
OIL	All
S	1,2,4,5,6
RWY DATA	Rwy 08(082°)/26(262°) 5003x100 ASPH AGN IIIB Rwy 15(152°)/33(332°) 3001x75 ASPH AGN II
RCR	Opr 306-421-9459 14-22Z Mon-Fri exc hols O/T 2 hrs PN Call out chg. CRFI.
LIGHTING	08-AS(TE ME) P1, 26-AO(TE ME) P1, 15-(TE ME), 33-(TE ME) ARCAL-123.0 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 5000 ASL
AWOS	127.8
CAUTION	CYA 317(P) within 2NM radius of A/D, extv parajump activity in area to 11,500 ASL Active by NOTAM only. Mar 30-Nov 30.

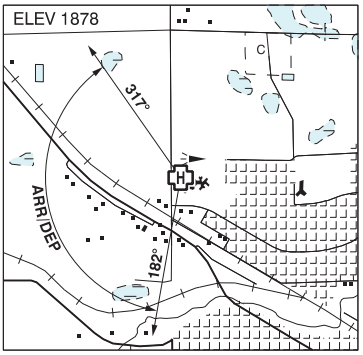
ESTEVAN (BLUE SKY) SK — CBS2

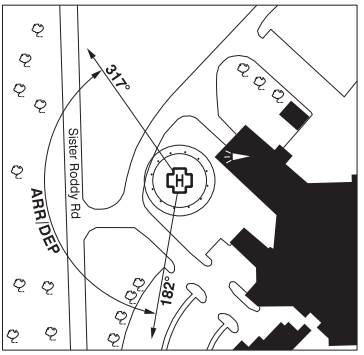
REF	N49 17 39 W103 01 14 6.5N 8°E (2014) UTC-6 Elev 1955' A5006
OPR	Blue Sky Air 306-634-9333 Fax 306-634-9390 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)



SERVICES	
S	2, 5
RWY DATA	Rwy 12(122°)/30(302°) 3057x70 GRASS Rwy 02(025°)/20(205°) 2300x60 GRASS
RCR	Opr Ltd win maint.
COMM	
ATF	UNICOM ltd hrs O/T 123.0 5NM 5000 ASL

ESTEVAN (ST. JOSEPH'S HOSP) SK (Heli) CSJ3

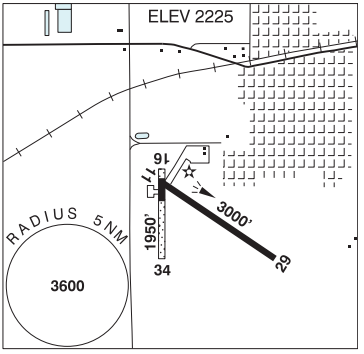




REF	N49 09 11 W103 00 47 Adj NW 8°E (2014) UTC-6 Elev 1878' A5006
OPR	Sun Country Health Region 306-637-2400 Cert PPR
PF	A-1 B-4 C-2,3,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia GRASS/CONC TLOF 39' dia CONC Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RW(LO)
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 5000 ASL centred on Estevan A/D 3.8NM NE
PRO	Arr/dep 182° to 317° fr heli, slope 16% (H2), day/night (CAR 602.96).
CAUTION	Marked and lgtd P-Line 400' NW heli. Lgtd vents on hosp roof. Marked lamp posts and trees S heli.

ESTON SK CJR4

REF	N51 08 39 W108 45 46 Adj SW 12°E (2015) UTC-6 Elev 2225´ A5006 LO2
OPR	Rural Muni of Snipe Lake 306-962-3214 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	1,4,5,6
RWY DATA	Rwy 11(112°)/29(292°) 3000x75 ASPH Rwy 16(168°)/34(348°) 1950x50 asphalt/treated gravel. Rwy 16: 200x50 treated gravel, 500x50 asphalt, 1250x50 treated gravel.
RCR	Opr Ltd win maint

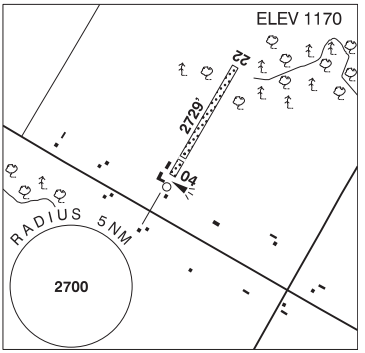


ESTON SK (Cont'd) CJR4

LIGHTING	11-(TE LO), 29-(TE LO) ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 5300 ASL

ETHEL ON CPD2

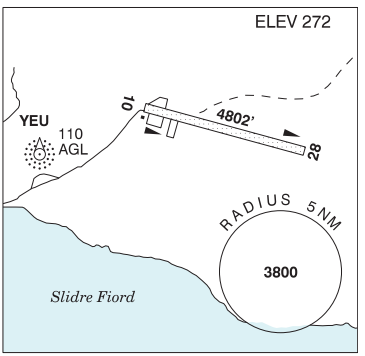
REF	N43 44 41 W81 10 38 2NW 9°W UTC-5(4) Elev 1170´ A5000
OPR	D.J. Martin 519-357-0636 Reg
PF	B-1 C-2,4,5 D-3,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5,6
RWY DATA RCR	Rwy 04(039°)/22(219°) 2729x80 GRASS/SNOW Thld 04 displ 371' Opr Ltd win maint



LIGHTING	04-(LO), 22-(LO) PN Opr
COMM ATF	tfc 122.8 5NM 4200 ASL
CAUTION	Bldgs at Thld 04. Bush both sides N end of Rwy 22. Upslope fr Thld 22 to high pt rwy aprx 1800´ fr Thld 22, rises 29´. Upslope fr Thld 04 to high pt rwy aprx 1000´ fr Thld 04, rises 08´. Height of trees near road aprx 75´. Farm machinery, recreational vehicles & wildlife in vic of Rwy 04/22.

EUREKA NU CYEU

REF	N79 59 40 W85 48 43 42°W (2023) UTC-6(5) Elev 272´ A5049 A5050 LO9 HI1 CAP
OPR	Environment Canada 613-945-3146 wait for dial tone, then dial 4460. Reg PPR
PF	C-1,2,3,5 PN Opr
FLT PLN FIC ACC WX	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 METAR 06-03Z O/T LWIS TAF 11-02Z, issue times: 11, 18, 00Z.



RWY DATA RCR	Rwy 10(104°T)/28(284°T) 4802x150 GRVL AGN IV Opr Ltd win maint. Rwy strength & cond subject to seasonal & climatic var. Acft 65,000 lbs and over PPR.
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-122.8 type K
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 (V) 5NM 3300 ASL

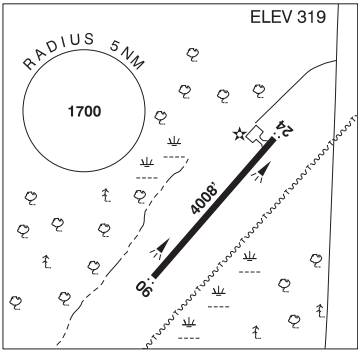
EUREKA NU (Cont'd) CYEU

NAV NDB	YEU 205 (M) N79 59 28 W85 53 55
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z.

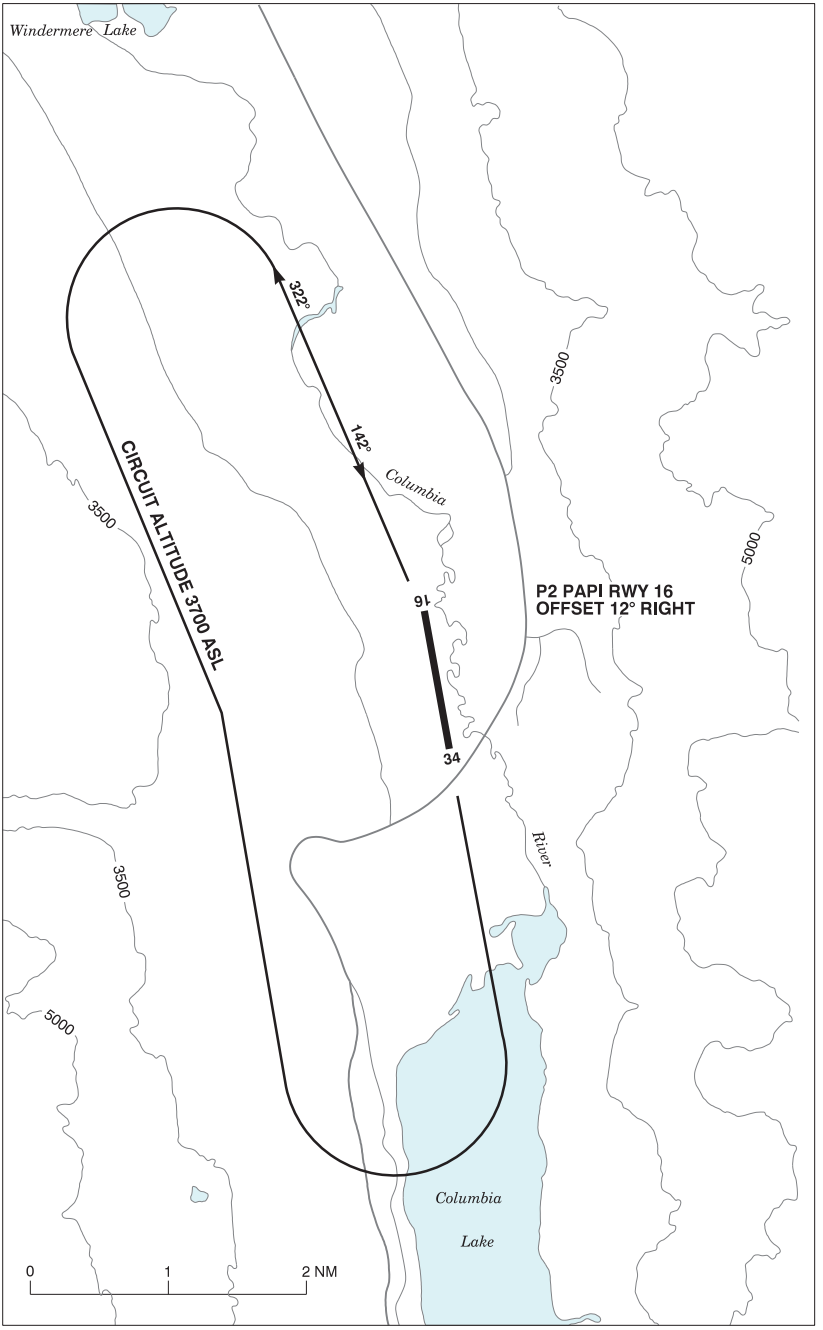
EXETER ON — See SEXSMITH / EXETER

EXPLOITS VALLEY (BOTWOOD) NL CCP2

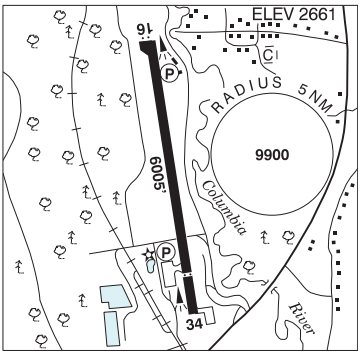
REF	N49 03 22 W55 26 52 6WSW 20°W (2013) UTC-31/2(21/2) Elev 319' A5011 A5012 LO8 CAP
OPR	Govt of Newfoundland & Labrador 709-292-4326 or 709-256-1048 Reg
PF	D-1,2,3,4,5,6
FLT PLN **FIC** **ACC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA **RCR**	Rwy 06(063°)/24(243°) 4008x75 ASPH AGN II Opr Ltd win maint PN
LIGHTING	06-AS(TE ME), 24-AS(TE ME) ARCAL-122.8 type K key mic 7 times for RILS.
COMM **ATF**	 tfc 123.2 5NM 3400 ASL
CAUTION	Multiple cracks and heaves on the apron and rwy. Pilots should exercise caution when oprg at this A/D. Wildlife on or in vic of rwy.



FAIRMONT VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE

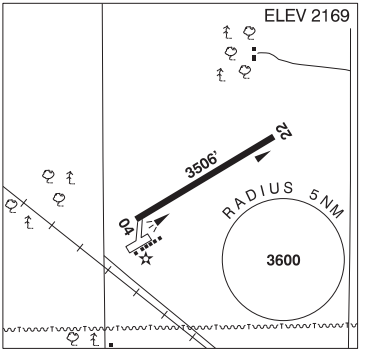


FAIRMONT HOT SPRINGS BC — CYCZ



REF	N50 19 49 W115 52 24 15°E (2013) UTC-7(6) Elev 2661´ A5005 LO2 HI3 CAP
OPR	Columbia Valley Airport Society 250-345-2121 Reg Ldg fees
PF	B-1 C-2,5 D-3,4,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO 250-345-6361 H24 (see COMM)
SERVICES	1530-0430Z‡ Apr 1-Sep 30, 1530-2130Z‡ Oct 1-Mar 31 O/T call out chg levied
FUEL	100LL, JA (FSII avbl), SP
OIL	All
S	4,5,6
RWY DATA	Rwy 16(156°)/34(336°) 6005x100 ASPH Thld 34 displ 821' Rwy 16 up 0.4% AGN II
RCR	Opr Ltd win maint
LIGHTING	16-AS(TE LO) P2, 34-AS(TE LO) P2 PAPI Rwy 16 offset 12° rgt. ARCAL-123.2 type K. ARCAL opr A/D beacon.
COMM	
RCO	Pacific rdo (Invermere) 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5700 ASL
AUTO	122.975
PRO	Rgt hand circuits rwy 16 (CAR 602.96).
CAUTION	Hwy overpass & p-line aprx 40 AGL crosses apch Rwy 34 aprx 1250´ fr rwy thld. Extensive glider activity over mtns to E of A/D. Recommend only pilots familiar with lcl area use this aprt dur hrs of darkness. Extv bird activity in vic of rwy.

FAIRVIEW AB — CEB5



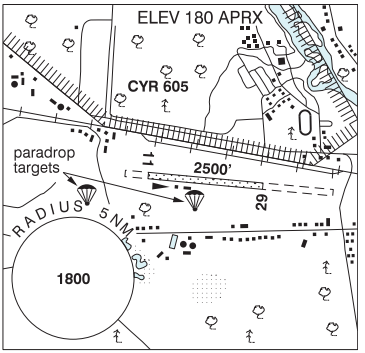
REF	N56 04 53 W118 26 00 1.5NW 17°E (2016) UTC-7(6) Elev 2169´ A5014 A5022 LO1 CAP
OPR	Muni District of Fairview 780-835-4903 Reg
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-835-2712 (See COMM)
SERVICES	
FUEL	100LL, JA (FSII avbl) Cardlock system, accepts Visa and Mastercard
RWY DATA	Rwy 04(042°)/22(222°) 3506x75 ASPH Rwy 04 up 0.57% AGN II
RCR	Opr Ltd maint

FAIRVIEW AB (Cont'd) CEB5

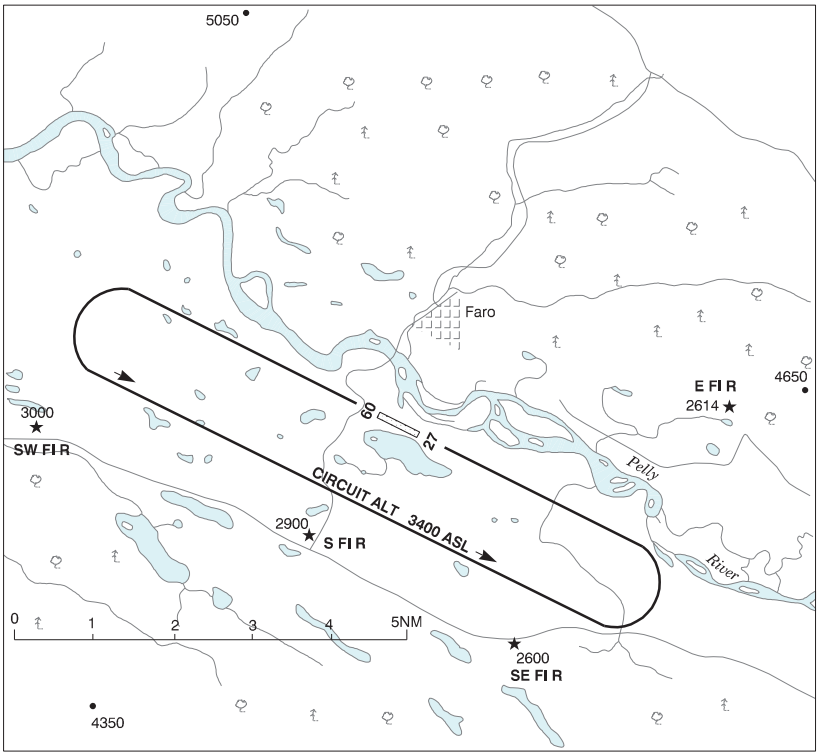
LIGHTING	04-(TE ME), 22-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5200 ASL
AUTO	122.975

FARNHAM QC CSN7

REF	N45 17 08 W73 00 28 0.5NM 15°W (2014) UTC-5(4) Elev 180´ aprx A5002 VTA
OPR	Parachutisme Nouvel Air Inc 450-293-8118 Reg PPR
PF	A-1,2 C-3,5,6 D-4
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 11/29 2500x40 gravel
RCR	No win maint Soft rwy
COMM	
ATF	tfc 123.3 5NM 3200 ASL
PRO	Rgt hand circuits Rwy 11 (CAR 602.96).
CAUTION	Parachute activities Apr-Nov up to 16,500 ASL.



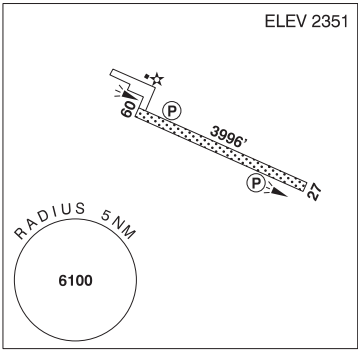
FARO VFR TERMINAL PROCEDURES CHART



FARO YT

CZFA

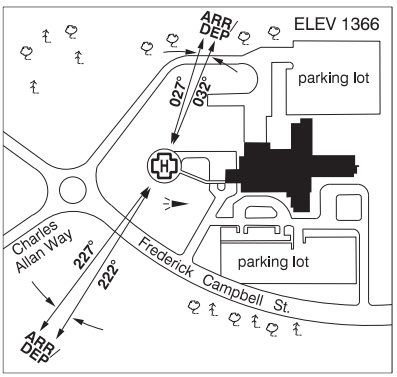
REF	N62 12 25 W133 22 24 1.5S 21°E (2016) UTC-7 Elev 2351' A5028 LO5 CAP
OPR	Govt of Yukon 867-993-7709, 867-634-2046 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-994-2791 Ltd hrs (see COMM) Fax 867-994-2792
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 16-22Z, Oct 1-May 31; 15-01Z Jun 1-Sep 30 issue times: 16, 18Z Oct 1-May 31; 15, 18Z Jun 1-Sep 30 WxCam
SERVICES	Fuel stor by permit only ctc opr
S	4,5,6

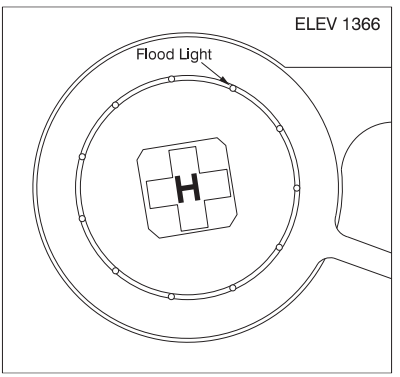


FARO YT (Cont'd) CZFA

RWY DATA RCR	Rwy 09(093°)/27(273°) 3996x100 GRVL Rwy 09 down 0.40% AGN IIIA CARS, dur CARS hrs ops (see COMM) Ltd maint. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	09-(TE LO) P2, 27-(TE LO) P2 ARCAL-122.1 type J, PAPI may require 3-5 min to activate via ARCAL in cold temperatures
COMM RCO MF APRT RDO	 Whitehorse rdo 123.55 (FISE) 126.7 (bcst) aprt rdo ltd hrs O/T tfc 122.1 5NM 5400 ASL (CAR 602.98) 122.1 (V) 13-01Z Jun 1-Sep 30; 14-22Z Oct 1-May 31
PRO	Rgt hand circuits Rwy 09 (CAR 602.96).
CAUTION	Ngt ops not recommended unless all 4 hazard beacons are oprg. Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Soft sections 200' fr Thld Rwy 27. S & SE hazard bcn (depicted on VTPC), vasis u/s when A/D oprg on backup power. See VTPC.

FERGUS (GROVES MEM COMMUNITY HOSP) ON (Heli) CPB2

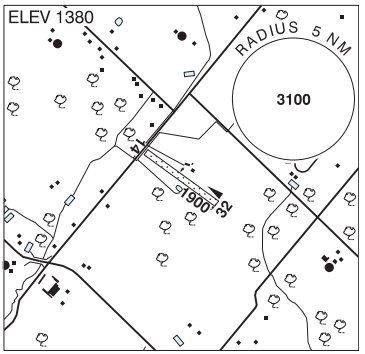




REF	N43 41 51 W80 23 42 Adj WSW 10°W UTC-5(4) Elev 1366´ VTA A5000
OPR	Groves Mem Community Hosp 519-843-2010 Cert PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 82'dia ASPH/CONC Safety Area 110' dia Max heli overall length 54.6'
LIGHTING	RY(LO) RF(LO)
PRO	Arr/dep 027° to 032° fr heli (H1), day/night use. Arr/dep 222° to 227° fr heli (H1), day/night use.

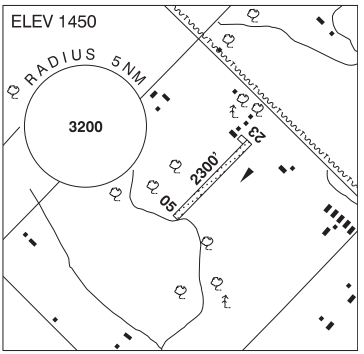
FERGUS (HOLYOAKE AIRFIELD) ON — CPY9

REF	N43 43 43 W80 16 59 4.3NE 10°W UTC-5(4) Elev 1380' VTA A5000
OPR	Wilf Holyoake 519-843-3095 Reg PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14(136°)/32(316°) 1900x70 GRASS Opr May-Oct ltd hrs. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 2NM 4400 ASL
CAUTION	Trees 40 AGL N of Thld 14; gravel road & 6' ditch before Thld 14.



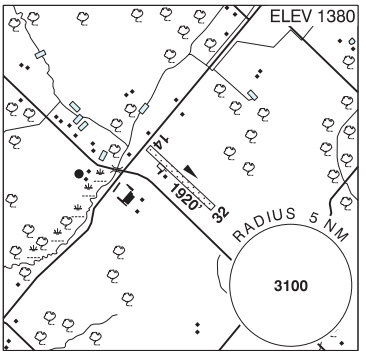
FERGUS (JUERGENSEN FIELD) ON — CPG7

REF	N43 44 06 W80 26 50 4NW 10°W UTC-5(4) Elev 1450´ VTA A5000
OPR	Carl Juergensen 519-635-2132 Hans Juergensen 519-823-6713 Reg
PF	B-1,5,6 C-2,3,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL emerg only Emergency only 4,5,6
RWY DATA RCR	Rwy 05/23 2300x75 GRASS Opr No win maint.
COMM ATF	tfc 123.4 5NM 4500 ASL
CAUTION	Marked hydro line aprx 30' high 700' on apch to Rwy 23. Trees on apch to Rwy 05/23. Cultivated field both sides of Rwy 05/23. Ultralight, glider and aerobatic activity in vic of A/D Apr-Nov.



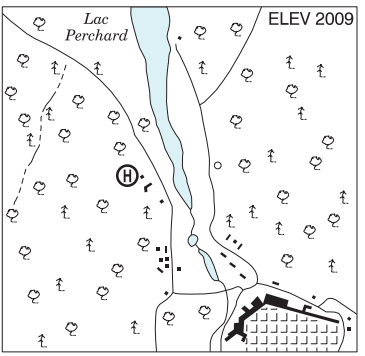
FERGUS (VODAREK FIELD) ON — CVF2

REF	N43 43 23 W80 17 21 4ENE 10°W UTC-5(4) Elev 1380' VTA A5000
OPR	Tom Vodarek 519-843-6515 Reg PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14(143°)/32(323°) 1920x60 GRASS Opr May-Oct. Ltd hrs. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 2NM 4400 ASL
PRO	Rgt hand circuits Rwy 14 (CAR 602.96)
CAUTION	Trees 40 AGL at Thld 14. Wildlife in vic of rwy.

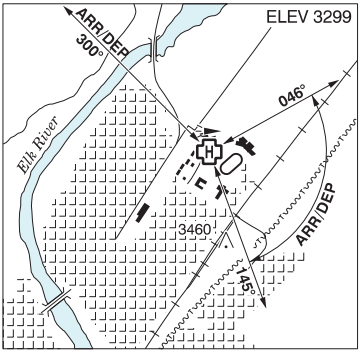


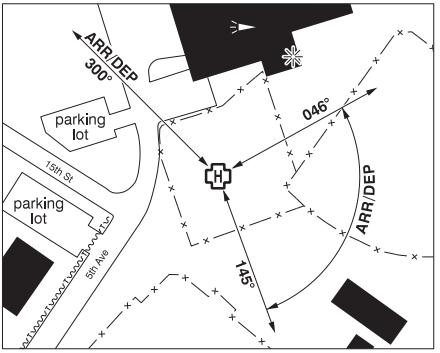
FERMONT QC (Heli) — CSD5

REF	N52 48 22 W67 06 08 Adj NW 21°W (2013) UTC-5(4) Elev 2009´ A5019
OPR	Heli Fermont Enr 418-287-5666 Reg PPR
PF	B-1 C-2,3,4
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES FUEL	JB PN
HELI DATA	85´ x 85´
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5100 ASL
CAUTION	Mine blasting ops within 1.5NM radius N52 50 12 W067 18 16 (aprx 7.6NM WNW of A/D) to 6923 ASL and within 3.2NM radius N52 45 35 W067 18 46 (aprx 8NM W of A/D) to 8000 ASL. Ctc Québec rdo 123.375 for active blasting times.



FERNIE (ELK VALLEY HOSP) BC (Heli) CBP3

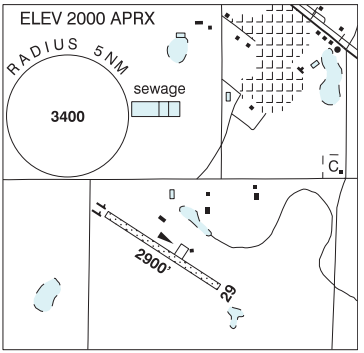




REF	N49 30 46 W115 03 22 15°E (2013) UTC-7(6) Elev 3299´ A5005
OPR	Interior Health Region 250-423-4453 Cert NVIS OPS AUTH PPR
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC/ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	
RCO	Pacific rdo 123.375 (FISE)
ATF	tfc 123.2 5NM 5300 ASL
PRO	Arr/dep 046° to 145° fr heli, (H1) (CAR 602.96). Arr/dep 300° fr heli, (H1) (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Rising terrain E of railway. Lgtd twr aprx 1500' S of heli 3460 ASL. Unlgtd p-lines adj E and aprx 370' NW of heli.

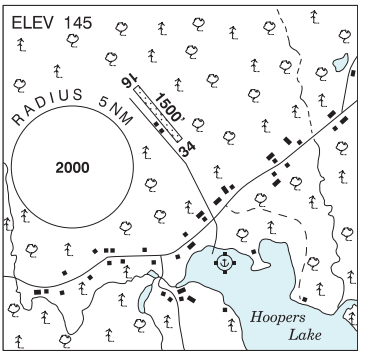
FILLMORE SK CKN5

REF	N49 52 08 W103 26 43 Adj SW 10°E UTC-6 Elev 2000´ aprx A5006
OPR	R. Boll 306-722-3867 Reg
PF	C-1,2,4,5 D-3,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA	Rwy 11(112°)/29(292°) 2900x100 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5000 ASL



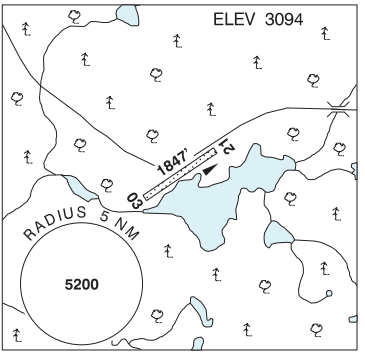
FINLAY AIR PARK NS — CDH3

REF	N43 57 44 W65 59 39 Adj E 18°W UTC-4(3) Elev 145´ A5003
OPR	Finlay Air Park 902-749-6346, 902-761-2783 Reg
PF	D-1,2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA **RCR**	Rwy 16/34 1500x70 GRASS Opr No win maint
COMM **ATF**	tfc 123.2 5NM 3200 ASL
PRO	Seaplane activity on Hoopers Lake next to aerodrome.
CAUTION	Trees 50 AGL 60´ fr each side of rwy full length. Wind shear on all apchs can be expected in gusty winds. Rwy width, at times, may be reduced.



FINLAYSON LAKE YT — CFT3

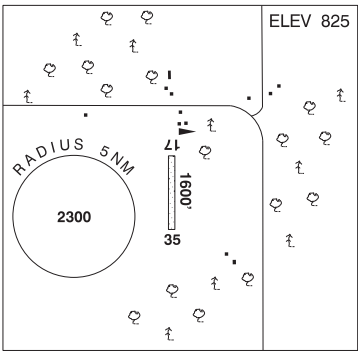
REF	N61 41 29 W130 46 26 22°E (2012) UTC-7 Elev 3094´ A5028
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA **RCR**	Rwy 03(034°)/21(214°) 1847x50 gravel Opr No maint
COMM **ATF**	tfc 123.2 5NM 6100 ASL
PRO	A/D adj S side Robert Campbell Hwy.
CAUTION	Trees along both sides of rwy, 75´ from centreline.



FIREBAG AB — See FORT MACKAY / FIREBAG

FISHER BRANCH MB — CKX4

REF	N51 05 W97 29 6E 3°E (2020) UTC-6(5) Elev 825´ A5007
OPR	A. Gulay 204-372-6666 Reg PPR
PF	D-1,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL	 100LL 80, 100
RWY DATA RCR	Rwy 17(177°)/35(357°) 1600x90 GRASS Opr
COMM ATF	 tfc 123.2 5NM 3900 ASL

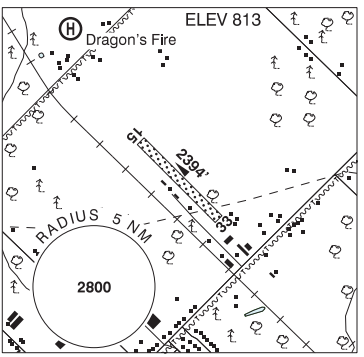


FISHER FIELD ON — See SHELBURNE / FISHER FIELD

FLAGSTAFF REGIONAL AB — See KILLAM-SEDGEWICK / FLAGSTAFF REGIONAL

FLAMBORO CENTRE ON — CFC8

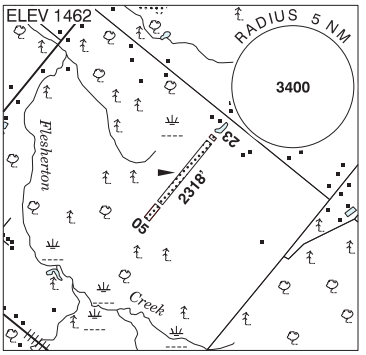
REF	N43 22 17 W79 55 55 Adj N 10°W (2015) UTC-5(4) Elev 813' A5000
OPR	Andy Cetinski 403-969-0222 Reg
PF	C-1,2,3,4
FLT PLN FIC	 London 519-452-4040 or London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15(145°)/33(325°) 2394x100 GRASS Opr No win maint
COMM ATF	 tfc 123.2 2NM 3900 ASL
PRO	Right hand circuits (CAR 602.96)
CAUTION	Monitor 123.5 for Burlington tfc. Lgtd twr 1787 ASL (1000 AGL) aprx 4.3NM SSW of A/D.



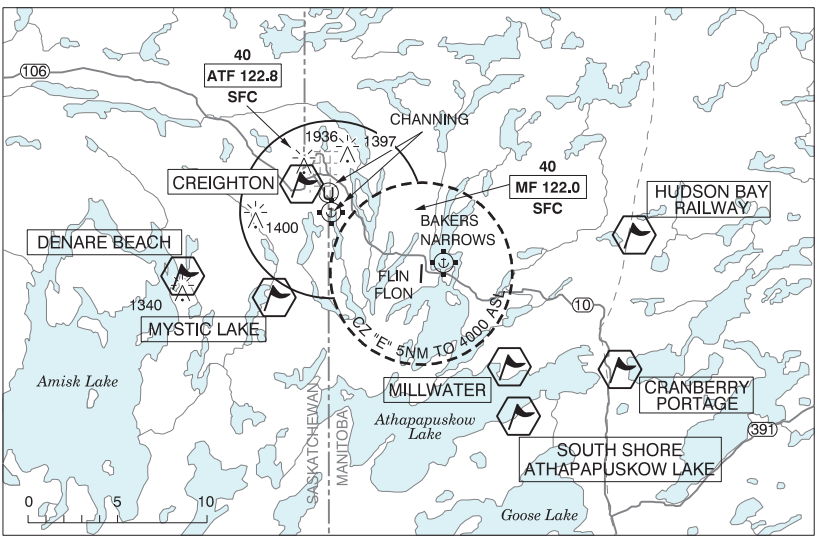
FLESHERTON (SMITHORRS FIELD) ON

CFL4

REF	N44 15 54 W80 31 40 1ENE 10°W (2015) UTC-5(4) Elev 1462′ VTA A5000
OPR	Robert Smith 519-924-0026 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(049°)/23(229°) 2318x70 GRASS Thld 05 displ 374' Thld 23 displ 83' Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 5NM 3000 ASL
CAUTION	50' trees 240' fr Thld 05. Wildlife in vic of rwy.



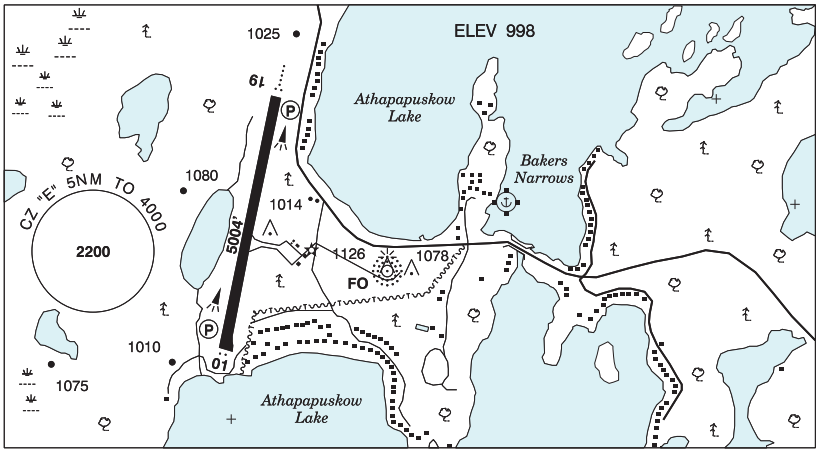
FLIN FLON VFR TERMINAL PROCEDURES CHART



FLIN FLON VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CRANBERRY PORTAGE	VCCRB	N54° 35' 00" W101° 22' 42"
CREIGHTON	VCCTN	N54° 45' 30" W101° 54' 00"
DENARE BEACH	VCDNR	N54° 40' 00" W102° 05' 00"
HUDSON BAY RAILWAY	VCHDS	N54° 42' 02" W101° 20' 50"
MILLWATER	VCMWT	N54° 35' 18" W101° 36' 48"
MYSTIC LAKE	VCMYS	N54° 39' 00" W101° 57' 00"
SOUTH SHORE ATHAPAPUSKOW LAKE	VCAPP	N54° 31' 30" W101° 33' 00"

FLIN FLON MB CYFO



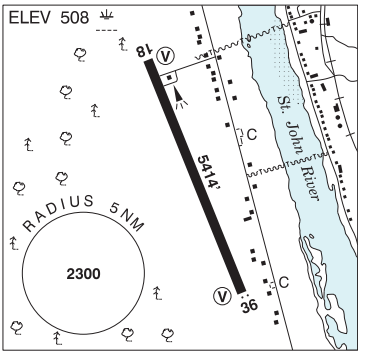
REF	N54 40 41 W101 40 55 8SE 7°E (2013) UTC-6(5) Elev 998´ A5016 LO1 LO3 HI4 CAP
OPR	City 204-687-7447 12-03Z‡ Sun-Fri, 12-24Z‡ Sat Cert
PF	A-1,6 D-2,3,4,5
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) METAR 12-24Z‡ O/T LWIS. WxCam
SERVICES **FUEL**	 100LL, JA-1 (FSII avbl) 12-03Z‡ Sun-Fri, 12-24Z‡ Sat O/T call out chg
RWY DATA **RWY CERT** **RCR**	Rwy 01(005°)/19(185°) 5004x150 ASPH Rwy 01 up 0.5% Rwy 01/19 AGN IIIA Opr 12-03Z‡ Sun-Fri, 12-24Z‡ Sat O/T call out chg CRFI, PLR
LIGHTING	19-AO(TE ME) P1, 01-SF(TE ME) P1 ARCAL-122.0 type K (SF not avbl on LO)

FLIN FLON MB (Cont'd) CYFO

COMM	
RCO	Saskatoon rdo 122.0 (RAAS) 14-02Z‡ Edmonton rdo 123.275 (FISE) 126.7 (bcst)
MF	Saskatoon rdo 14-02Z‡ O/T tfc 122.0 5NM 4000 ASL (CAR 602.98)
NAV	
NDB	FO 250 (M) N54 40 31 W101 40 09
CAUTION	Extv bird activity Apr-Oct. Expect severe turbulence & downdrafts with strong W winds. Water A/D 0.7NM ENE.

FLORENCEVILLE NB CCR3

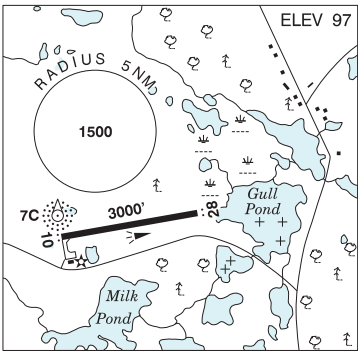
REF	N46 25 34 W67 37 41 0.7SW 18°W (2013) UTC-4(3) Elev 508´ A5002 A5003 LO8 HI6 RCAP
OPR	McCain Foods Ltd 506-392-3800 Reg PPR
PF	A-1 C-2,3,4,5,6
CUST	AOE/15 13-21Z‡ Mon-Fri exc hols 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.



RWY DATA	Rwy 18(176°)/36(356°) 5414x100 asphalt Rwy 36 up 0.96%
RCR	Opr 13-21Z‡ O/T 506-612-0686 Ltd win maint
LIGHTING	18-(LO) V2 2.75°, 36-AS(LO) V2 2.75° ARCAL-123.0 for 15 min period, key mic 5 times; 3 times for low ints.
COMM	
ATF	tfc 122.8 5NM 3500 ASL
PRO	Activate ARCAL dur day & night ops.
CAUTION	Hangar complex E of Rwy 18 thld within 100´ of rwy edge.

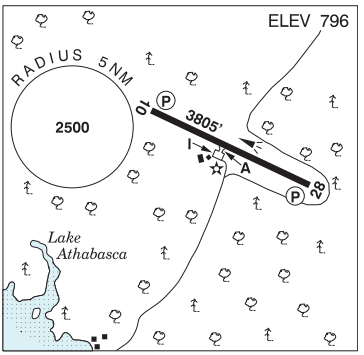
FLYING R RANCH AB — See BLACK DIAMOND / FLYING R RANCH

FOGO NL — CDY3



REF	N49 39 27 W54 14 15 4S 20°W (2013) UTC-3½ (2½) Elev 97′ A5012 LO8 CAP
OPR	Govt of Newfoundland & Labrador 709-292-4326 or 709-256-1048 Reg
PF	C-1,2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 10(103°)/28(283°) 3000x75 asphalt
RCR	Opr Ltd win maint PN
LIGHTING	10-AS(TE ME), 28-AS(TE ME) ARCAL-122.8 type K key mic 7 times for RILS.
COMM	
ATF	tfc 123.2 5NM 3100 ASL
NAV	
NDB	7C 237 (L) N49 39 42 W54 14 43 Pvt Unmonitored
CAUTION	Wildlife on or in vic of rwy.

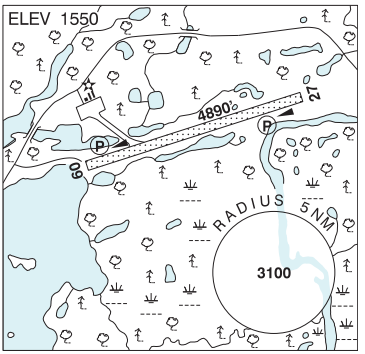
FOND-DU-LAC SK — CZFD



REF	N59 20 04 W107 10 55 1N 12°E (2014) UTC-6 Elev 796' A5023 LO1 LO5 CAP
OPR	Ministry of Highways 306-953-3263/3269 1500-1630Z, 2300-0030Z Mon, Tue, Thu, Fri; 1545-1715Z, 2300-0030Z Wed; 1900-2030Z Sun; O/T 2 hr PN Cert
PF	B-1,2,5 C-4
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344 or 204-983-8337
WX	AUTO (see COMM)
RWY DATA	Rwy 10(104°)/28(284°) 3805x75 paved - TBS Rwy 28 up 0.43%
RWY CERT	Rwy 10/28 AGN II
RCR	Opr or District Office 306-425-4493/4494
LIGHTING	10-(TE HI) P1, 28-(TE HI) P1 ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3900 ASL
AUTO	122.175

FONTANGES QC CTU2

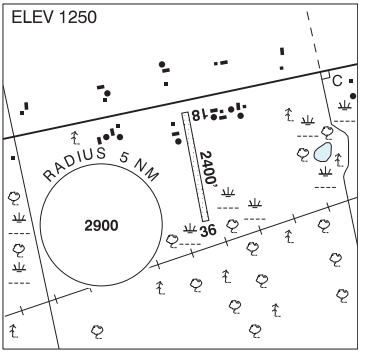
REF	N54 33 14 W71 10 24 3.7E 20°W (2013) UTC-5(4) Elev 1550´ A5019 LO5 CAP
OPR	Hydro-Québec 819-853-7301 Fax 819-853-7307 Reg 48 hrs PPR 12-21Z‡ Thu only
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
RWY DATA RCR	Rwy 09(094°)/27(274°) 4890x150 GRVL AGN IIIA Opr 12-21Z‡ Thu Win maint 12-21Z‡ Thu
LIGHTING	09-(TE HI) P2, 27-(TE HI) P2
COMM MF	UNICOM (AU) ltd hrs O/T tfc 123.0 15NM 4600 ASL (CAR 602.98)
CAUTION	Possibility of win maint eqpt on rwy outside ops hrs.



FOOTHILLS REGIONAL AIRPORT AB — See HIGH RIVER / FOOTHILLS REGIONAL AIRPORT

FORDWICH ON CPH9

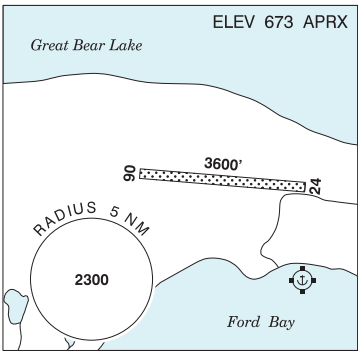
REF	N43 53 17 W80 59 43 1.8NE 9°W UTC-5(4) Elev 1250´ A5000
OPR	H. Douglas 519-292-1493 L. Zurbrigg 519-335-6167 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 18/36 2400x70 GRASS Opr Rwy soft in spring. No win maint.
COMM ATF	tfc 122.8 5NM 4300 ASL
CAUTION	Marked P-lines on apch to Rwy 18. Trees aprx 50´ high on apch to Rwy 36. Canada Geese spring nesting.



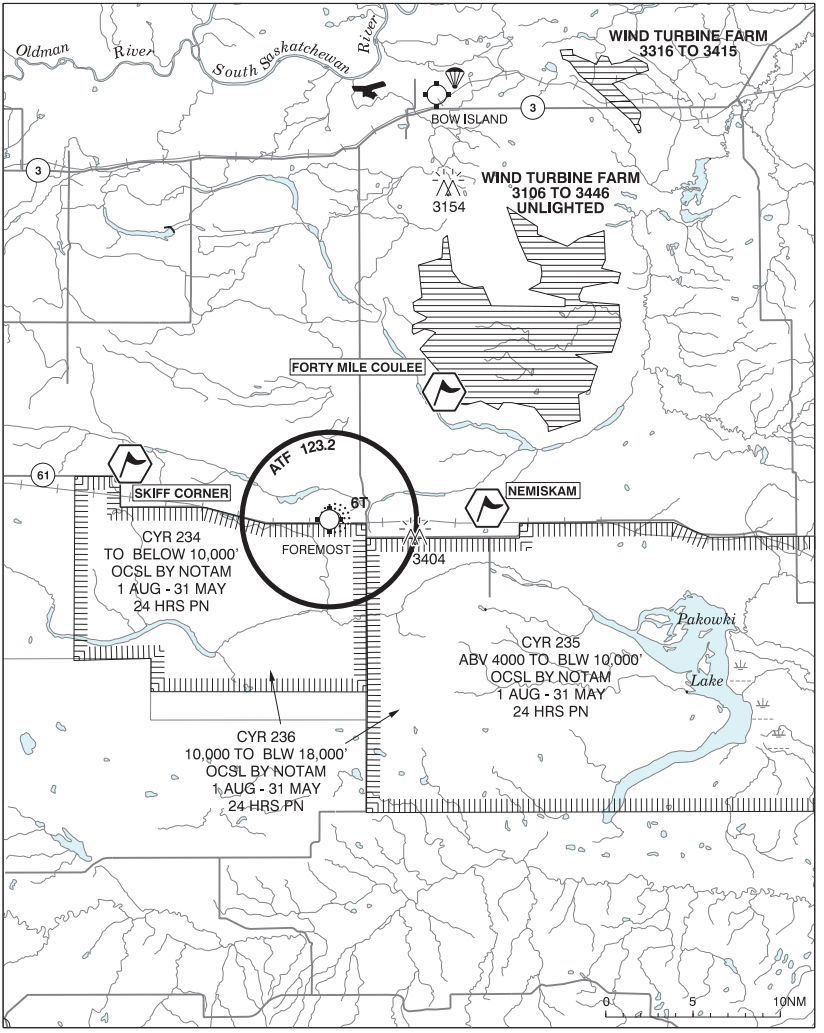
FORD BAY NT

CBC2

REF	N66 02 15 W124 42 54 23°E (2014) UTC-7 Elev 673´ aprx A5035
OPR	Trophy Lodge 204-774-5775 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 06/24 3600x100 sand Opr No win maint. Rwy soft after rain.
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL



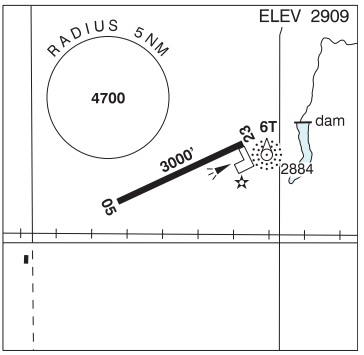
FOREMOST VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
FORTY MILE COULEE	VCFMC	N49° 35' 23" W111° 20' 29"
NEMISKAM	VCNMS	N49° 28' 51" W111° 16' 41"
SKIFF CORNER	VCSKF	N49° 31' 22" W111° 48' 01"

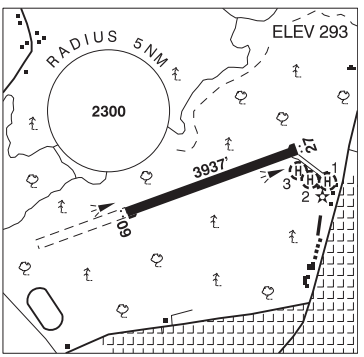
FOREMOST AB — CFD4

REF	N49 28 59 W111 29 40 2W 13°E (2016) UTC-7(6) Elev 2909´ A5005 LO2
OPR	Village 403-867-3733 Reg
PF	A-1 C-2,5 D-3,4,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	For svcs ctc opr
RWY DATA RCR	Rwy 05(052°)/23(232°) 3000x75 asphalt Opr Ltd maint
LIGHTING	05-(TE ME), 23-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 6000 ASL
NAV NDB	6T 362 N49 29 04 W111 29 10 Pvt
PRO	Right hand circuits Rwy 23 (CAR 602.96).
CAUTION	Remain N of Hwy 61 when CYR 234 active. Remotely Piloted Aircraft (RPA) activity in vic of A/D. Ctc the User Agency as stated in the DAH for info on Remotely Piloted Aircraft (RPA) activity.



FORESTVILLE QC — CYFE

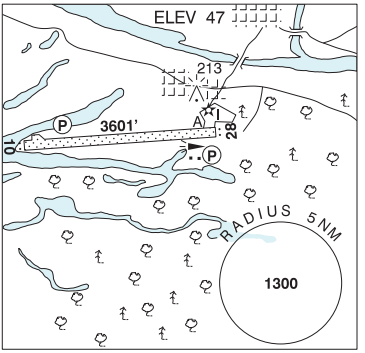
REF	N48 44 46 W69 05 50 Adj W 18°W (2014) UTC-5(4) Elev 293´ A5010 LO7
OPR	Town 418-587-2285 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM)
SERVICES FUEL OIL	418-587-8991 15 min PN 100LL, JA-1 W100, 15W50
RWY DATA RCR	Rwy 09/27 3937x148 ASPH 2165' before Thld 09 abandoned. Opr Rwy, pads 2 & 3: 12-16Z‡ & 17-20Z‡ Mon-Thu, 12-16Z‡ Fri Jun 15-Sep 1; 13-17Z‡ & 18-21Z‡ Mon-Fri May 15-Jun 14 & Sep 2-Nov 15. Pad 1 13-21‡ Mon-Thu 13-17‡ Fri. Rwy and pads 2 & 3 clsd Nov 15-May 15.
HELI DATA	Parking pad 1: 50' dia ASPH/CONC Parking pad 2 & 3: 50' dia ASPH
LIGHTING	09-AS(TE ME), 27-AS(TE ME) ARCAL-123.2 type J



FORESTVILLE QC — CYFE

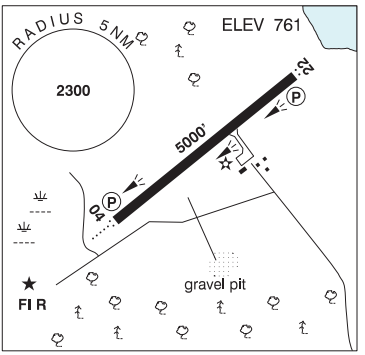
COMM	
ATF	tfc 123.2 5NM 3300 ASL
AUTO	122.975

FORT ALBANY ON — CYFA



REF	N52 12 13 W81 41 45 Adj SW 12°W UTC-5(4) Elev 47´ A5009 A5018 LO3 HI1 HI4 CAP
OPR	Govt of Ontario - MTO 705-278-1011 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt pln with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
RWY DATA	Rwy 10(098°)/28(278°) 3601x100 GRVL
RWY CERT	Rwy 10/28 AGN IIIA
RCR	Opr 13-22Z‡ Mon-Fri exc hols. Rwy cond subject to seasonal & climatic vars.
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 3100 ASL
PRO	Rgt hand circuits Rwy 10 (CAR 602.96).

FORT CHIPEWYAN AB — CYPY



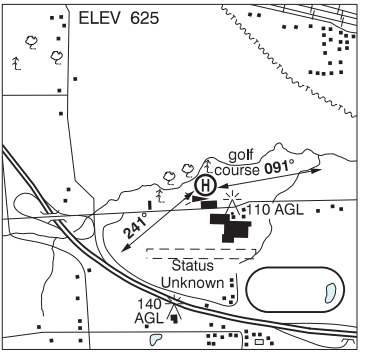
REF	N58 46 03 W111 07 03 3NE 15°E (2013) UTC-7(6) Elev 761' A5023 LO1 HI2 CAP
OPR	Muni of Wood Buffalo 780-743-7000 Cert
PF	A-1 avbl 15-24Z‡ Mon-Fri exc hols D-2,3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) TAF 13-07Z‡, issue times: 1240, 1740, 2340Z (DT 1140, 1740, 2340Z) WxCam
RWY DATA	Rwy 04(037°)/22(217°) 5000x150 asphalt Rwy 22 up 0.63% first 472' then down 1.24%
RWY CERT	Rwy 04/22 AGN IIIA
RCR	Opr ltd hrs O/T 780-881-2079 CRFI, PLR/PCN
LIGHTING	04-AO(TE ME) P2, 22-AS(TE ME) P2 ARCAL-123.2 type K

FORT CHIPEWYAN AB (Cont'd) CYPY

COMM	
ATF	tfc 123.2 5NM 3800 ASL
RCO	Edmonton rdo 123.475 (FISE) 126.7(bcst)
AWOS	128.0
CAUTION	Due to rwy slope, acft at rwy ends may not be visible to pilots on opposite ends of rwy. Wildlife in vic of rwy.

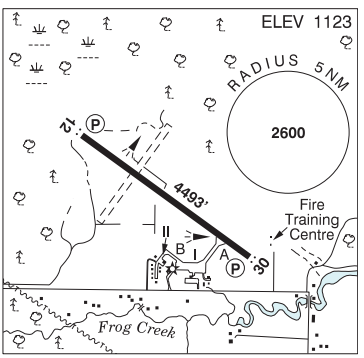
FORT ERIE (AIRBUS HELICOPTERS CANADA LTD) ON (Heli) CPG3

REF	N42 55 16 W78 57 21 11°W UTC-5(4) Elev 625´ A5000
OPR	Airbus Helicopters Canada Ltd 905-871-7772 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
PVT ADV	Airbus Helicopters Canada 131.175
HELI DATA	FATO 82' dia ASPH/GRVL TLOF 70' dia ASPH Safety Area 105' dia Max heli overall length 54.7'
LIGHTING	RW(LO)
COMM	
ATF	tfc 123.2 5NM 3600ASL
PRO	Arr/dep flt paths 241° & 091° fr heli.



FORT FRANCES MUNI ON CYAG

REF	N48 39 16 W93 26 26 2.2NW 1°E UTC-6(5) Elev 1123´ A5007 LO4 CAP
OPR	Town 807-274-3930 Cert
PF	A-1,2 C-3,4,5,6 Tml bldg opr 13-03Z‡ Sun-Fri, 12-00Z‡ Sat (May 1-Oct 31); 13-03Z‡ Mon-Fri, 12-00Z‡ Sat, 16-00Z‡ Sun (Nov 1-Apr 30)
CUST	AOE/15 888-226-7277
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO at Falls International (KINL) 218-285-2996 (see COMM)

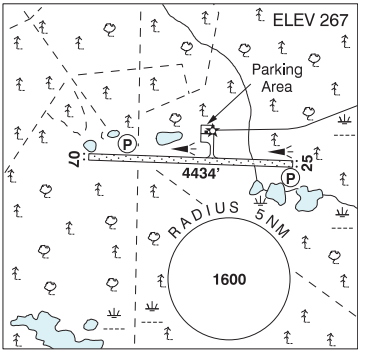


FORT FRANCES MUNI ON (Cont'd) CYAG

SERVICES	13-03Z‡ Sun-Fri, 12-00Z‡ Sat (May 1-Oct 31); 13-03Z‡ Mon-Fri, 12-00Z‡ Sat, 16-00Z‡ Sun (Nov 1-Apr 30) O/T PN 807-274-9841. Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1
OIL	All exc turbine
S	1,4,6
RWY DATA	Rwy 12(125°)/30(305°) 4493x100 ASPH
RWY CERT	Rwy 12/30 AGN IIIA
RCR	Opr Maint. 13-03Z‡ Sun-Fri, 12-00Z‡ Sat (May 1-Oct 31); 13-03Z‡ Mon-Fri, 12-00Z‡ Sat, 16-00Z‡ Sun (Nov 1-Apr 30) PLR/PCN
LIGHTING	12-AS(TE ME) P1, 30-AS(TE ME) P1 ARCAL-122.7 type K
COMM	
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
AUTO	120.0 Falls International (KINL)
NAV	
VOR/DME	INTERNATIONAL FALLS INL 114.9 Ch 96(Y) N48 33 57 W93 24 20
PRO	Acft inbd or on the gnd may req/pass IFR dep clnc, IFR arr and IFR cancellations to LONDON rdo 123.55 for relay to MINNEAPOLIS ctr.
CAUTION	Wildlife in vic of rwy. Traffic using Instrument approaches at KINL (Falls International-Einarson Field), might pass in close proximity of the CYAG tfc patterns.

FORT GOOD HOPE NT CYGH

REF	N66 14 26 W128 38 51 1SW 22°E (2017) UTC-7(6) Elev 267´ A5034 LO5 CAP
OPR	Govt of Northwest Territories 867-587-2451 Emerg/Incident rpt ctc 877-989-1400 1530-1915Z‡, 2300-0030Z‡ Mon & Fri, 1530-1700Z‡, 2300-0030Z‡ Tue & Thu, 1530-1915Z‡, 2330-0030Z‡ Wed, exc hols, O/T 2 hr PN ctc 867-446-4785 or 403-801-6093. Call out chg may be levied. Cert
PF	C-1,2,4,5



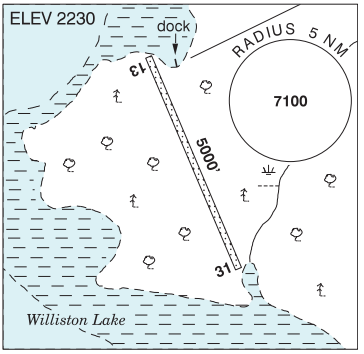
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA
ACC	Edmonton IFR 888-358-7526
CARS	867-598-2241 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-24Z‡ Mon-Sat, issue times: 1510, 1740Z (DT 1410, 1740Z). Exc federal observed hols.
RWY DATA	Rwy 07(070°)/25(250°) 4434x99 GRVL Rwy 07 up 0.73% first 2853' then down 0.99%
RWY CERT	Rwy 07/25 AGN II
RCR	Opr Win maint 1530-0030Z‡ Mon-Fri exc hols Oct 1-Apr 30, O/T 2 hr PN ctc 867-446-4785 or 403-801-6093. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	07-AS(TE ME) AP, 25-AS(TE ME) AP ARCAL-122.1 type K key mic 7 times for AS APAPI avbl only dur CARS hrs ops.

FORT GOOD HOPE NT (Cont'd) CYGH

COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3300 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon-Sat, 14-19Z‡ Sun, exc federal observed hols
NAV	
DME	YGH 112.3 Ch 70 N66 14 11 W128 37 23 (274')
PRO	Airport Restriction: Sked pax svc rstd to acft with max wingspan less than 79' and max outer main gear wheel span less than 20'.
CAUTION	Wildlife may be on or in vic rwy. Extv migratory bird activity Apr-Oct.

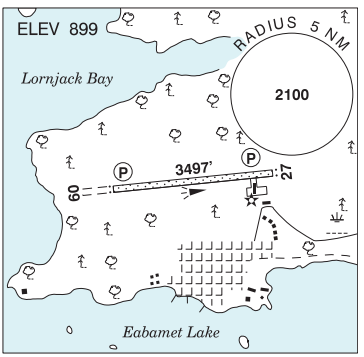
FORT GRAHAME BC CBW3

REF	N56 31 18 W124 28 06 18°E (2020) UTC-8(7) Elev 2230´ A5022
OPR	Finlay River Outfitters Ltd. Jody Mcauley 250-483-3857 Reg
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 13(139°)/31(319°) 5000x40 gravel
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 5300 ASL

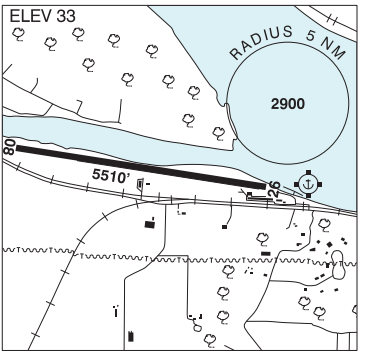


FORT HOPE ON CYFH

REF	N51 33 43 W87 54 28 Adj N 6°W UTC-5(4) Elev 899´ A5008 LO3 LO4 CAP
OPR	Govt of Ontario - MTO 807-242-8151 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 09(090°)/27(270°) 3497x100 GRVL Rwy 09 up 0.96% first 2915'.
RWY CERT	Rwy 09/27 AGN IIIA
RCR	Aprt Foreperson 807-632-9722 or Opr 13-22Z‡ Mon-Fri exc hols. Call out chg may apply. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	09-AS(TE ME) AP, 27-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 3900 ASL
CAUTION	Due to rwy slope acft at rwy ends may not be visible to pilots on opposite ends of rwy.

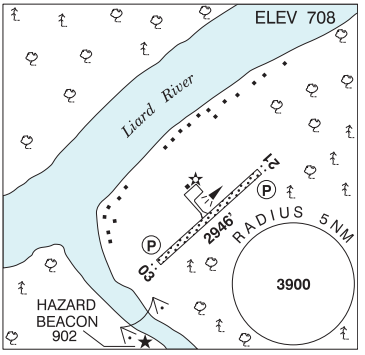


FORT LANGLEY BC — CBQ2



REF	N49 10 04 W122 33 27 Adj 17°E (2014) UTC-8(7) Elev 33´ VTA A5004
OPR	Fort Langley Avn 604-888-1922 PPR Reg
PF	A-1 C-2,3,4,5 D-6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA
S	1,4,5
RWY DATA	Rwy 08(082°)/26(262°) 5510X60 ASPH
RCR	Opr 604-888-1922 Ltd win maint
COMM	
ATF	tfc 122.725 2NM 1500 ASL
NAV	
VOR	PITT MEADOWS YPK 112.4 N49 12 57 W122 42 54 (44')
PRO	Rgt hand circuits Rwy 26 (CAR 602.96). Circuit hgt 1000 ASL. No training flights. No overflight of Fort Langley community & MacMillan Island below 1000 ASL. Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia.
CAUTION	Trees to 80 AGL along N side

FORT LIARD NT — CYJF

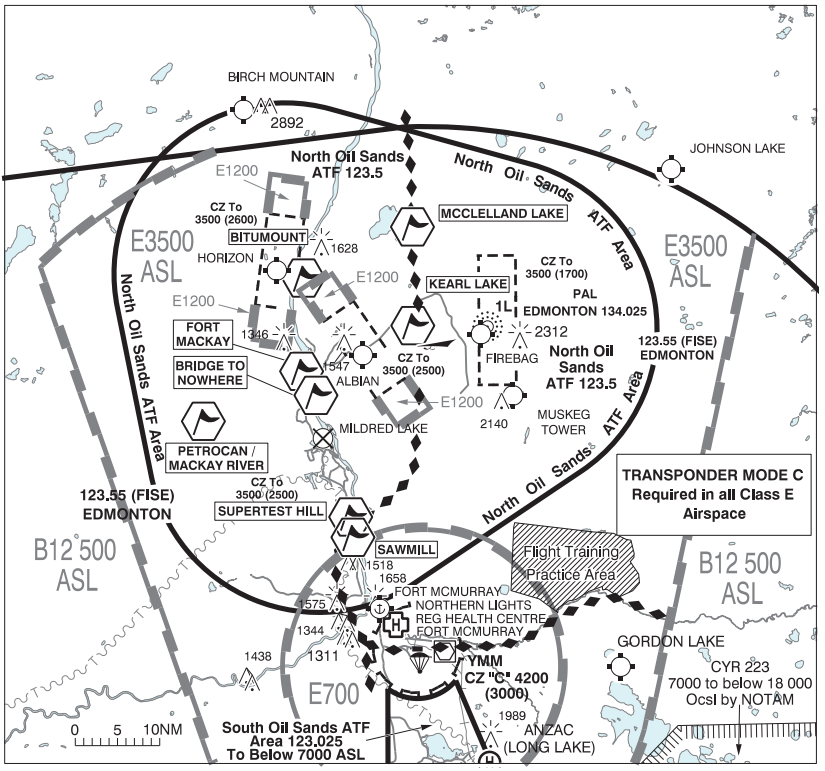


REF	N60 14 08 W123 28 12 Adj 18°E (2020) UTC-7(6) Elev 708´ A5022 A5029 LO5 CAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt 877-989-1400 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-770-3171 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS WxCam
RWY DATA	Rwy 03(030°)/21(210°) 2946x98 GRVL AGN II
RCR	Opr Win maint 15-24Z‡ Mon-Fri exc hols O/T 2 hr PN, ctc 250-321-0337. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	03-AS(TE LO) AP 3.3°, 21-AS(TE LO) AP 3.3° ARCAL-122.1 type J. Ngt ops not recommended unless hazard bcn oprg.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3800 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-23Z‡ Mon-Fri exc federal observed hols

FORT LIARD NT (Cont'd) CYJF

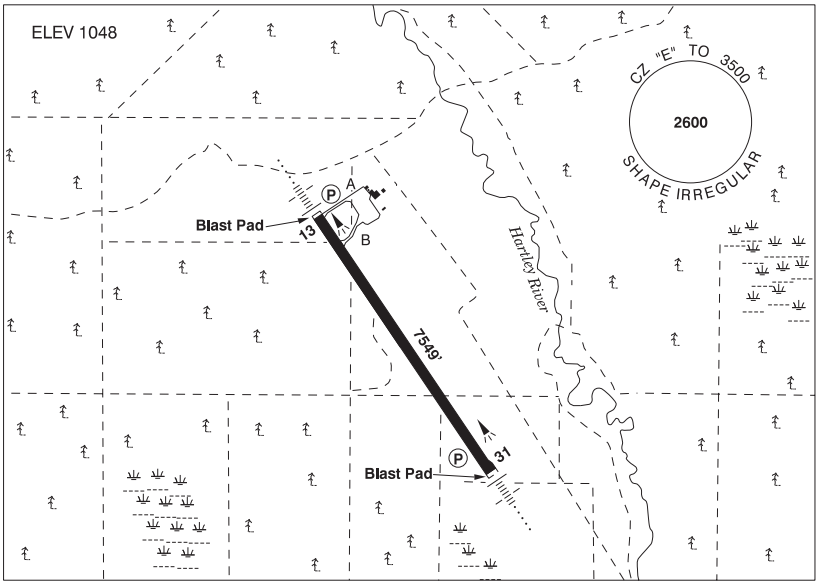
PRO	Rgt hand circuits Rwy 21 (CAR 602.96).
CAUTION	Marked P-line 196 AGL crossing Petitot River aprx 900´ SE Thld Rwy 03. Wildlife in vic of rwy.

FORT MACKAY VFR TERMINAL PROCEDURES CHART



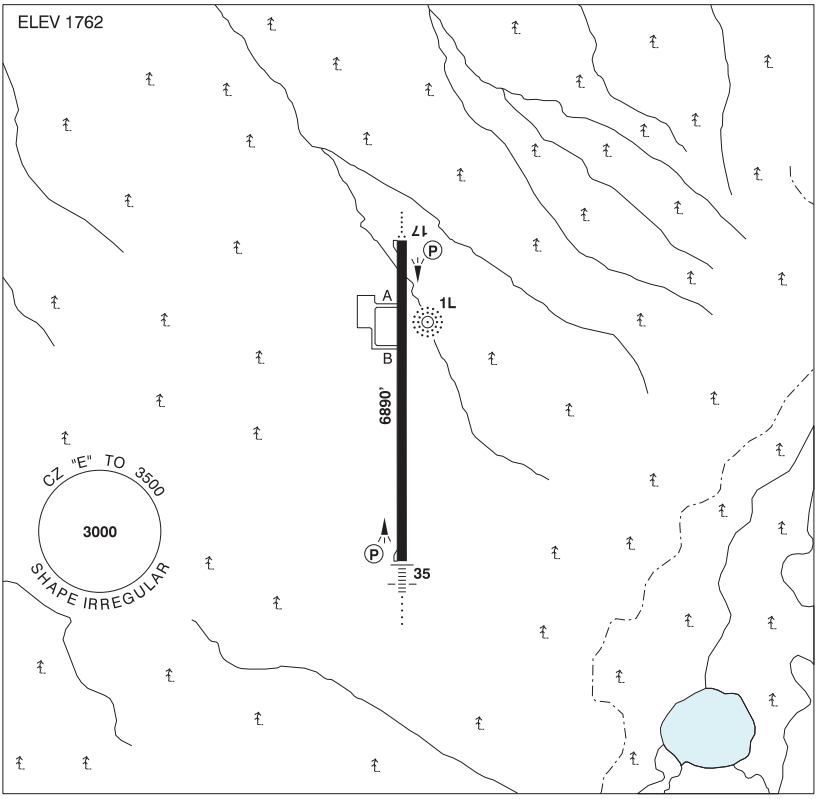
NAME	IDENT	LAT/LONG
BITUMOUNT	VCBTM	N57° 22' 30" W111° 38' 10"
BRIDGE TO NOWHERE	VCNWR	N57° 08' 05" W111° 36' 35"
FORT MACKAY	VCMKY	N57° 11' 00" W111° 38' 10"
KEARL LAKE	VCKRL	N57° 17' 00" W111° 14' 30"
MCCLELLAND LAKE	VCMCL	N57° 28' 30" W111° 16' 10"
PETROCAN / MACKAY RIVER	VCPCN	N57° 02' 24" W111° 54' 23"
SAWMILL	VCSAW	N56° 52' 20" W111° 26' 30"
SUPERTEST HILL	VCTST	N56° 54' 32" W111° 27' 28"

FORT MACKAY / ALBIAN AB CAL4



REF	N57 13 26 W111 25 08 8ENE 14°E (2014) UTC-7(6) Elev 1048´ A5023 LO1 HI2 HI3 CAP
OPR	Canadian Natural Upgrading LTD 780-713-4585 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO H24 780-793-2752 (see COMM) ALTIMETER/WIND 780-713-4585 ltd hrs (see COMM)
SERVICES	
FUEL	JA1
SUP FL	D & A-ice
JASU	CE14, CA 2
RWY DATA	Rwy 13(131°)/31(311°) 7549x148 ASPH Rwy 13 up 0.36% AGN IV
RCR	Opr
LIGHTING	13-AN(TE HI)P2, 31-AN(TE HI)P2 ARCAL-123.3 type K
COMM	
RCO	Edmonton rdo (Fort McMurray) 123.55(FISE) 126.7(bcst) (Acft may not receive RCO on gnd)
CLNC DEL	Edmonton Ctr 134.025 (CLNC DEL and closing IFR FLT Plan on gnd.)
ATF	tfc 123.5 CZ shape irregular 3500 ASL (see PRO)
PAL	Edmonton Ctr 134.025
A/G	UNICOM (AU) 123.3 ltd hrs O/T tfc
AUTO	122.975
PRO	Air tfc advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.

FORT MACKAY / FIREBAG AB CYFI



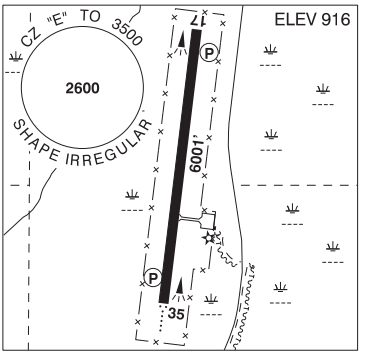
REF	N57 16 33 W 110 58 36 22 ENE 15°E (2012) UTC -7(6) Elev 1762' A5023 LO1 HI2 CAP
OPR	Suncor Energy Inc. 780-788-8547 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-793-7997 (see COMM)
RWY DATA	Rwy 17(165°)/35(345°) 6890x148 asphalt Rwy 35 down 1% RESA: 17/35 492'
RWY CERT	Rwy 17/35 AGN IV
RCR	Opr Win maint 13-04Z‡ Mon-Thu O/T 2hr PN call out chg may be levied. CRFI, PLR/PCN
SERVICES	
FUEL	JA-1
ARFF	DESIGNATED CAT 6 ltd hrs PN
LIGHTING	17 AO(TE HI) P2, 35 AN(TE HI) P2 ARCAL-122.8 type K

FORT MACKAY / FIREBAG AB (Cont'd) CYFI

COMM	
RCO	Edmonton rdo (Fort McMurray) 123.55 (FISE) 126.7 (bcst) (Acft may not receive RCO on gnd)
CLNC DEL	Edmonton Ctr 134.025 (CLNC DEL and closing IFR FLT Plan on gnd.)
ATF	tfc 123.5 CZ shape irregular 3500 ASL (see PRO)
PAL	Edmonton Ctr 134.025
A/G	UNICOM (AU) 122.8 ltd hrs O/T tfc
AUTO	129.65
NAV	
NDB	1L 400 (L) N57 16 50 W110 58 20 Pvt
DME	ISR 110.5 Ch 42 N57 16 08 W110 58 27 (1760') Pvt Unmonitored
ILS	ISR 110.5 (Rwy 35) Pvt Unmonitored
PRO	Air tfc advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Wind shear on final apch

FORT MACKAY / HORIZON AB CYNR

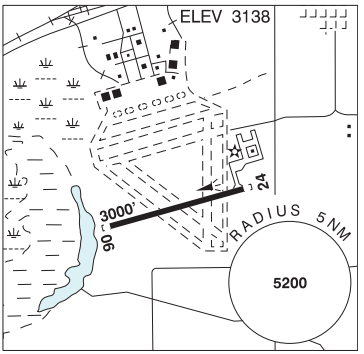
REF	N57 22 54 W111 42 04 12 NNW 15°E (2013) UTC-7(6) Elev 916´ A5023 LO1 HI2 HI3 CAP
OPR	Canadian Natural Resources Ltd 780-828-2903 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO H24 (see COMM). ALTIMETER/WIND 780-828-2907 ltd hrs (see COMM)
SERVICES	
FUEL	JA-1



RWY DATA	Rwy 17(173°)/35(353°) 6001x150 ASPH AGN IV
RCR	Opr 780-828-2907 RSC/CRFI avbl 13-07Z‡
LIGHTING	17-(T HI)P2, 35-AO(T HI)P2 ARCAL-122.7 type K
COMM	
RCO	Edmonton rdo (Fort McMurray) 123.55 (FISE) 126.7 (bcst) (Acft may not receive RCO on gnd)
CLNC DEL	Edmonton Ctr 134.025 (CLNC DEL and closing IFR FLT Plan on gnd.)
ATF	tfc 123.5 CZ shape irregular 3500 ASL (see PRO)
PAL	Edmonton Ctr 134.025
A/G	UNICOM (AU) 122.7 ltd hrs O/T tfc
AUTO	122.075
PRO	Rgt hand circuits Rwy 17 (CAR 602.96). Air tfc advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Numerous towers & cranes SW A/D

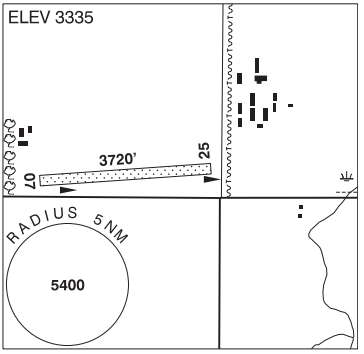
FORT MACLEOD AB CEY3

REF	N49 42 W113 25 1SW 14°E (2015) UTC-7(6) Elev 3138´ A5005
OPR	Town 403-553-4425 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 06(061°)/24(241°) 3000x75 ASPH Opr Ltd maint
LIGHTING	06-(TE ME), 24-(TE ME) ARCAL-123.2 type K
COMM ATF	 tfc 123.2 5NM 6200 ASL
PRO	Rgt hand circuits Rwy 06 (CAR 602.96).
CAUTION	Antenna twr 2.1NM NW A/D 300 AGL and a wind turbine generator 2.4NM SW A/D 363 AGL.



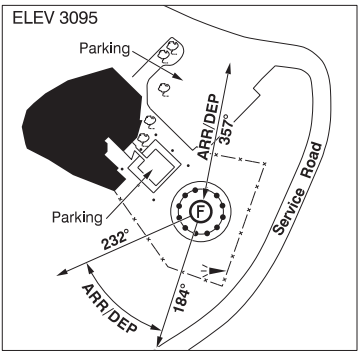
FORT MACLEOD (ALCOCK FARM) AB CFM8

REF	N49 35 W113 18 14°E (2015) UTC-7(6) Elev 3335´ A5005
OPR	Jim Alcock 403-553-2395 Reg
PF	A-1,2,3 D-4,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL	 100LL 20W50
RWY DATA RCR	Rwy 07(072°)/25(252°) 3720x100 GRASS Opr Ltd win maint.
CAUTION	Pwr lines 25´ high 245´ E thld Rwy 25 marked with orange & white spheres. Trees 440´ W thld Rwy 07 aprx 25´ high.

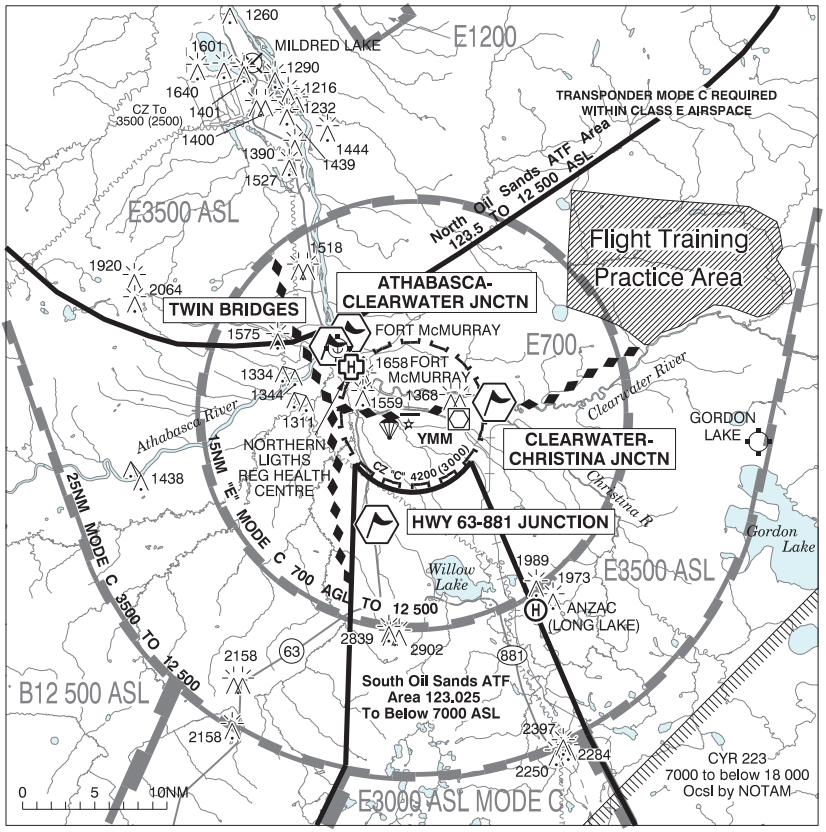


FORT MACLEOD (HOSP) AB (Heli) CFM9

REF	N49 43 32 W113 23 32 Adj 14°E (2015) UTC-7(6) Elev 3095' A5005
OPR	Alberta Health Services 403-553-5311 Cert PPR
FLT PLAN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia GRASS Safety Area 115' dia Max heli overall length 57.4'
LIGHTING	RY(LO) RW(LO) PN
COMM **ATF**	tfc 123.2 5NM 6200 ASL
PRO	Arr/dep 357° fr heli, slope 16% (H2), day/night use. Arr/dep 184° to 232° fr heli, slope 16% (H2), day/night use.
CAUTION	P-line E of heli. Lgtd twr 3219 ASL (135 AGL) 900 ft N of pad.

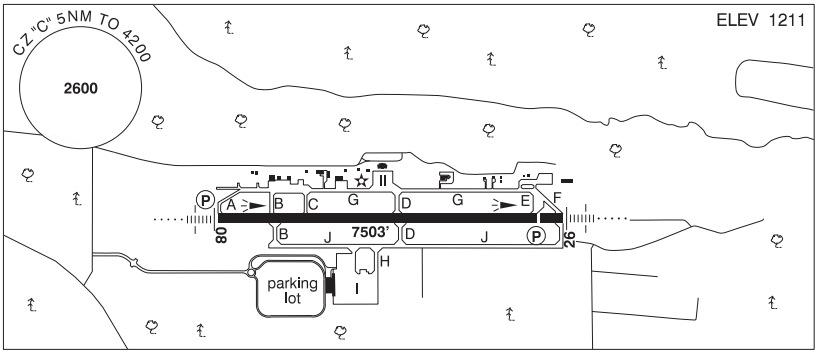


FORT McMURRAY VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
ATHABASCA - CLEARWATER JUNCTION	VCABA	N56° 44' 00" W111° 23' 12"
CLEARWATER - CHRISTINA JUNCTION	VCCLW	N56° 39' 54" W111° 03' 06"
HWY 63 - 881 JUNCTION	VCJCT	N56° 31' 30" W111° 18' 06"
TWIN BRIDGES	VCTWB	N56° 43' 54" W111° 23' 36"

FORT McMURRAY AB — CYMM



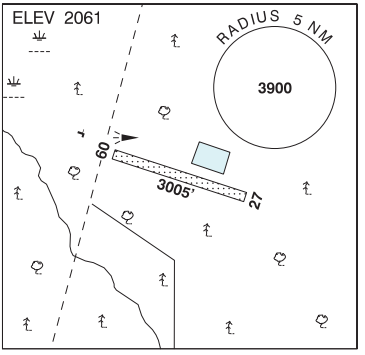
REF	N56 39 12 W111 13 24 7SE 15°E (2012) UTC-7(6) Elev 1211´ A5023 LO1 HI2 HI3 CAP
OPR	Fort McMurray Aprt Authority 780-793-8970 Cert Ldg fees
PF	A-1,2,3,6,7 C-4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg for after hrs svcs. Ramp fees 24 hrs.
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,3,4,5,6,7
ARFF	DESIGNATED CAT 6 1245-0815Z‡, O/T call out chg PN, outside CAT 6 hrs PPR for acft 20 seats & abv, exc for diversions or as an altn A/D
SUP FL	D & A-ice
PVT ADV	Executive Flight Centre 123.0 780-791-5551
MIL CON	Executive Flight Centre Aviation Ltd 780-791-5551
RWY DATA	Rwy 08(075°)/26(255°) 7503x150 ASPH Thld 26 displ 500'
RWY CERT	Rwy 08 RVR 1200(1/4sm)/Rwy 26 RVR 1200(1/4sm) AGN IV
TWY CERT	Twy: C, G AGN IIIB
TWY	Twy C and G rstd to acft wingspan 118' or less. Twy H uncontrolled
APRON	ATB Apron I: Ltd prkg. 2hr PN for non-sked acft 780-793-8970. All acft shall enter via the W entrance and exit via Twy H. All acft will be marshalled in and push-back is mandatory. ATB apron II: Ltd prkg. 24 hr PN for non-sked acft 780-793-8970. All acft will be marshalled in and push-back is mandatory.
RCR	Opr Win maint 13-06Z‡ O/T 2hr PN cost recovery. CRFI, PLR/PCN
LIGHTING	08-AN(TE HI) P2, 26-AN(TE HI) P2 ARCAL-118.1 type K 0545-1315Z‡

FORT McMURRAY AB (Cont'd) CYMM

COMM	
RCO	Peace River rdo 118.1 (RAAS) 0545-1315Z‡ (emerg only 780-624-5142) Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	128.5 1315-0545Z‡ 877-520-2847 (Toll free within Canada)
GND	McMurray 121.9 1315-0545Z‡
TWR	McMurray 118.1 236.6 (E) 1315-0545Z‡ (emerg only 780-743-2511)
MF	118.1 Peace River rdo 0545-1315Z‡ 5NM 4200 ASL (CAR 602.98) O/T twr 118.1
PAL	Edmonton Ctr 135.7
AWOS	128.5 0545-1315Z‡
NAV	
VOR/DME	YMM 112.0 Ch 57 N56 38 52 W111 07 21 (1205')
DME	YFF 115.6 Ch 103 N56 39 12 W111 20 08 (1306')
ILS	IMM 109.9 (Rwy 26) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 08 (CAR 602.96). Transponder MODE C required within the 25 NM Fort McMurray Class E control area extension, the 15 NM Class E transition area & 5 NM control zone. Flt Pln open and close with Edmonton FIC on 123.55 (FISE). Pilots to close VFR flt plans with Edmonton FIC (phone or FISE freq) when practicable or request closure fr ATC. North Oil Sands ATF Area 123.5 north of local CZ, see Fort Mackay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies. **HELI PRO:** Ctc gnd for repositioning and dep instructions.
CAUTION	Do not confuse Twy J with Rwy 08/26.

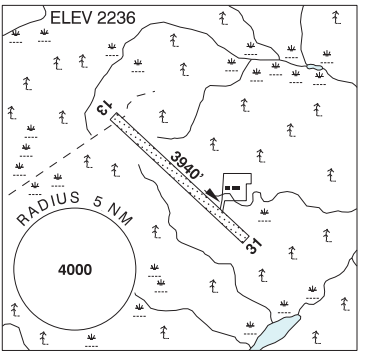
FORT MCMURRAY (LEGEND) AB CLG7

REF	N57 11 49 W112 53 44 16°E (2012) UTC-7(6) Elev 2061' A5023 LO1
OPR	Athabasca Oil Corp 780-215-2109 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 09(92°)/27(272°) 3005x121 GRVL Rwy 27 up 1.43%
RCR	Opr Ltd maint
LIGHTING	09-(TE LO), 27-(TE LO)
COMM	
ATF	tfc 123.2 5NM 5100 ASL
CAUTION	Only pilots familiar with lcl terrain should use this A/D. Twrs in vic. Vicinity of North Oil Sands ATF area, see Fort MacKay VTPC.

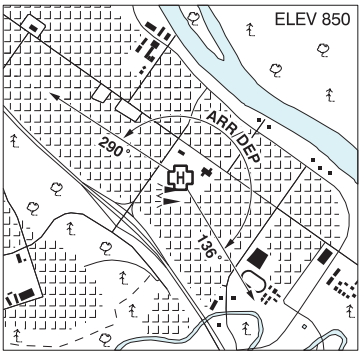


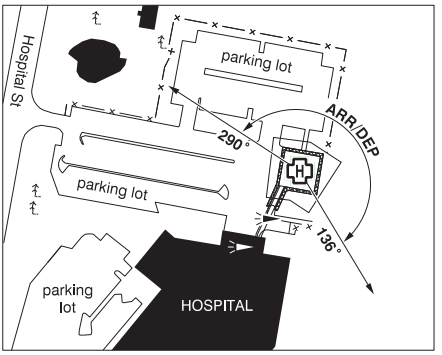
FORT McMURRAY (NORTH LIEGE) AB — CNL2

REF	N57 08 10 W113 17 23 17°E (2012) UTC-7(6) Elev 2236' A5023
OPR	Athabasca Oil Corp 780-215-2109 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 13(116°)/31(296°) 3940x115 GRVL Rwy 31 up 0.43%
RCR	Opr Ltd maint.
COMM	
ATF	tfc 123.2 5NM 5300 ASL
CAUTION	Only pilots familiar with lcl terrain should use this A/D. Twrs in vic.



FORT McMURRAY / NORTHERN LIGHTS REGIONAL HEALTH CENTRE AB (Heli) — CNO9





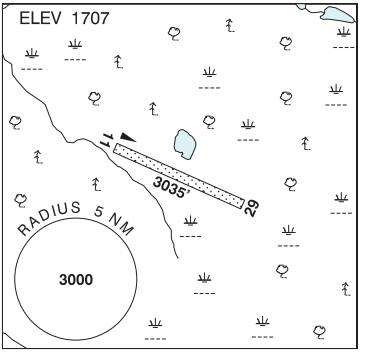
REF	N56 43 01 W111 21 35 Adj 13°E (2023) UTC-7(6) Elev 850' A5023
OPR	Alberta Health Services 780-791-6161 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 82' x 82' non-supporting TLOF 55' x 55' CONC Safety Area 109' x 109' Elevated 17,000 lbs Max heli overall length 54.66' (CAR 602.96)
RCR	Opr
LIGHTING	RY (LO) non-std (see CAUTION) ARCAL-123.2 type J
COMM	
RCO	Peace River rdo 118.1 (RAAS) 0545-1315Z‡ (emerg only 780-624-5142) at Fort McMurray A/D 5.9 NM ESE. Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	128.5 1315-0545Z‡ at Fort McMurray A/D 5.9 NM ESE
TWR	McMurray 118.1 236.6 (E) 1315-0545Z‡ (emerg only 780-743-2511) at Fort McMurray A/D 5.9 NM ESE

FORT McMURRAY / NORTHERN LIGHTS REGIONAL HEALTH CENTRE AB (Heli) (Cont'd)

PRO	Arr/dep 290° to 136° fr heli (H1) (CAR 602.96). Transponder MODE C required within the 25NM Fort McMurray Class E control area extension, the 15NM Class E transition area and 5NM Class C control zone. Flt pln open and close with Edmonton FIC on 123.55 (FISE). Air tfc advsy freq 123.5 North Oil Sands Area, see Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	TLOF edge lights mounted 9' outside of edge marking, non-uniform spacing.

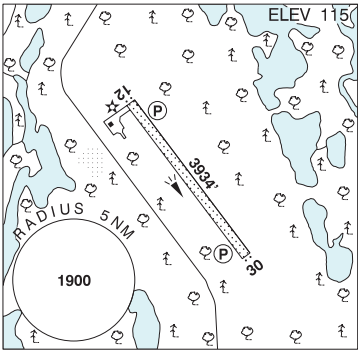
FORT McMURRAY (SOUTH LIEGE) AB — CLS3

REF	N56 49 56 W113 05 55 16°E (2012) UTC-7(6) Elev 1707' A5023
OPR	Athabasca Oil Corp 780-215-2109 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 11(98°)/29(278°) 3035x131 GRVL Opr Ltd maint.
COMM **ATF**	tfc 123.2 5NM 4700 ASL
CAUTION	Only pilots familiar with lcl terrain should use this A/D. Twrs in vic.



FORT McPHERSON NT — CZFM

REF	N67 24 25 W134 51 35 2S 22°E (2017) UTC-7(6) Elev 115´ A5034 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt ctc 877-989-1400 1600-1715Z‡ Mon, Wed, Thu & Fri, 2200-2315Z‡ Mon-Fri exc hols, May & Nov O/T 1 hr PN, ctc 867-952-2901, 867-678-5494. Call out chg may be levied. Cert
PF	C-1,2,3,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-952-2121 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 1530-2400Z‡ Mon-Sat, issue times: 16, 19Z (DT 15, 19Z) TAF 1630-2000Z‡ Sun, issue times: 17Z‡
RWY DATA **RWY CERT** **RCR**	Rwy 12(122°)/30(302°) 3934x100 GRVL Rwy 12/30 AGN II Opr Win maint 15-24Z‡ Mon-Fri exc hols O/T 1 hr PN ctc 867-952-2901, 867-678-5494. Call out chg may be levied. Rwy compacted snow & gravel mix during win conds.

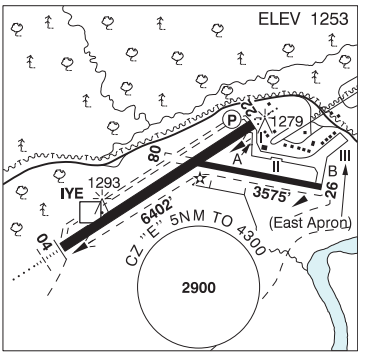


FORT McPHERSON NT (Cont'd) CZFM

LIGHTING	12-AS(TE ME) AP, 30-AS(TE ME) AP ARCAL-122.1 type K
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon-Sat, 15-20Z‡ Sun, exc federal observed hols

FORT NELSON BC CYYE

REF	N58 50 11 W122 35 49 3.8ENE 18°E (2020) UTC-7 Elev 1253´ A5022 A5099 LO1 LO5 HI2 CAP
OPR	Northern Rockies Regional Municipality 250-774-6454 Cert
PF	A-1,6 B-2 D-3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.



SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR
OIL	All
S	1,2,3,4,5,6
SUP FL	D & A-ice
JASU	Elect start 28V 800 amp, 28V 1500 amp, CE16, 90 KVA
PVT ADV	Sky North Avn Fuels 250-774-2150 122.7
RWY DATA	Rwy 04(039°)/22(219°) 6402x150 ASPH Rwy 08(084°)/26(264°) 3575x77 ASPH Rwy 08 down 0.64%
RWY CERT	Rwy 04/22 AGN IIIB Rwy 08/26 AGN I
TWY CERT	Twy B AGN I
RCR	Opr, ltd hrs Win ops 15-23Z 2hrs PN CRFI, PLR/PCN
LIGHTING	04-AN (TE HI), 22-AO (non-std) (TE HI) P2
COMM	
RADIO	122.5 PTC avbl (E) (emerg only 250-774-3124)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	125.65 ltd hrs
MF	rdo 122.5 5NM 4300 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.87 134.85
NAV	
VOR/DME	YYE 112.9 Ch 76 N58 53 31 W123 00 58 (2034')
DME	IYE 110.3 Ch 40 N58 50 04 W122 36 45 (1270')
ILS	IYE 110.3 (Rwy 04) LOC reliable only within 10° either side of centreline.
CAUTION	Radiosonde balloon launches fr N58 50 W122 36 (0.5NM NE Thld Rwy 22) at 1115Z-1129Z & 2315Z-2329Z dly.

FORT NELSON / GORDON FIELD BC CBL3

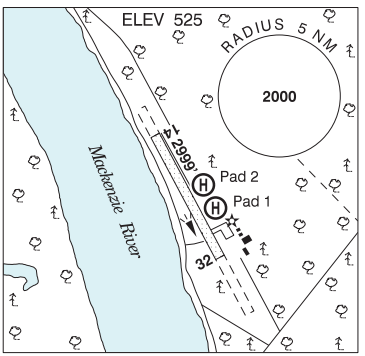
REF	N58 49 W122 47 4W 20°E (2012) UTC-8 Elev 1625´ A5022 A5099
OPR	Ken or Rod Rombough 250-321-3007 Reg
PF	C-1,2,3,4,5,6

FORT NELSON / GORDON FIELD BC (Cont'd) CBL3

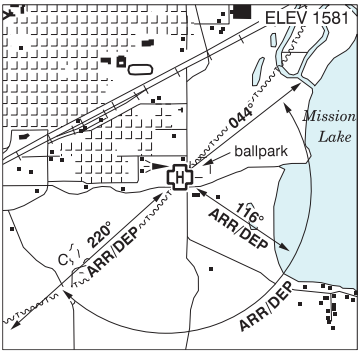
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5
RWY DATA	Rwy 10/28 3400x50 GRASS
RCR	Opr Ltd win maint. Rwy slippery when wet.
COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATF	tfc 122.5 3NM 4700 excluding that portion within the Fort Nelson CYYE MF area.
CAUTION	Trees to 50 AGL and ditches within 20' of rwy edge entire length of rwy both N and S side.

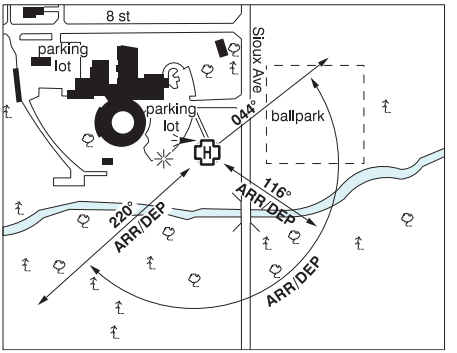
FORT PROVIDENCE NT CYJP

REF	N61 19 09 W117 36 22 3E 18°E (2021) UTC-7(6) Elev 525´ A5029 LO5 CAP
OPR	Govt of Northwest Territories 867-874-2353 or 867-875-7316 Emerg/Incident rpt 877-989-1400 Reg
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 14(136°)/32(316°) 2999x100 GRVL AGN I
RCR	Opr Win maint 15-16Z‡ Mon, Wed, Fri exc statutory hols, O/T 1 hr PN ctc 867-373-0137 or 867-872-0510. Supervisor 867-373-0655. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
HELI DATA	Pad 1: FATO 98' dia GRASS TLOF 30' dia CONC Safety Area 146' dia Day use only Pad 2: FATO 85' dia GRVL TLOF 30' dia CONC Safety Area 133' dia Day use only
LIGHTING	14-(TE LO), 32-(TE LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Buffalo may be on or in vic rwy.



FORT QU'APPELLE (ALL NATIONS' HEALING HOSP) SK (Heli) CFQ2

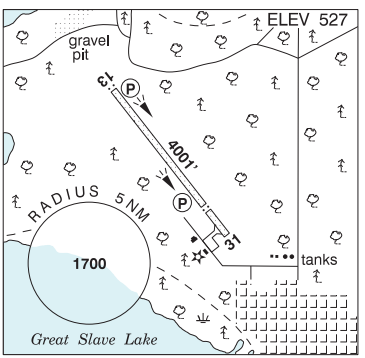




REF	N50 45 38 W103 47 08 Adj 8°E (2024) UTC-6 Elev 1581' A5006
OPR	Treaty Four Holding Corp All Nations' Healing Hosp 306-332-3632, 306-331-8478 Cert NVIS OPS AUTH PPR
FLT PLN **FIC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	RW(HI) green ARCAL-122.8 type K
COMM **ATF**	 tfc 122.8 5NM 4600 ASL
PRO	Arr/dep 044° to 220° fr heli (H1). Arr/dep 116° & 220° fr heli, slope 16% (H2). NVIS rqrd for night use H1 flt path (CAR 602.96).
CAUTION	Multiple lgtd & marked power poles & lamp posts in vic of heli. Trees N of heli. Lgtd tower 2215 ASL (355 AGL) 1.2NM N of heli.

FORT RESOLUTION NT CYFR

REF	N61 10 51 W113 41 23 17°E (2014) UTC-7(6) Elev 527´ A5030 LO5 CAP
OPR	Govt of Northwest Territories 867-872-2007/0207 Emerg/Incident rpt ctc 877-989-1400 Reg
PF	C-1,2,3,4,5
FLT PLN **FIC** **ACC** **CARS** **WX**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 867-394-4131 Ltd hrs (see COMM) METAR dur CARS hrs (see COMM) O/T LWIS

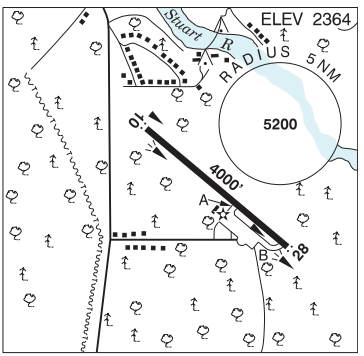


FORT RESOLUTION NT (Cont'd) CYFR

RWY DATA **RCR**	Rwy 13(126°)/31(306°) 4001x98 GRVL Thld 31 displ 655' AGN II Opr Win maint 15-16Z‡ Mon-Fri Oct 16-Apr 15 exc hols, O/T 2 hrs PN, ctc 867-875-7642/8366, 867-874-3048. Call out chg may be levied. Sum maint 15-16Z‡ Mon, Wed, Fri, exc hols Apr 16-Oct 15, O/T 2 hr PN ctc 867-875-7642/8366, 867-874-3048. Call out chg may be levied. PLR/PCN Rwy compacted snow & gravel mix during win conds.
LIGHTING	13-AS(TE ME) P1, 31-AS(TE ME) P1 ARCAL-122.1 type J. PAPI not avbl outside CARS hrs ops.
COMM **MF** **APRT RDO**	 aprt rdo ltd hrs O/T tfc 122.1 5NM 3500 ASL (CAR 602.98) 122.1 (V) 15-23Z‡ Mon-Fri, exc federal observed hols.
PRO	For IFR clnc, phone Edmonton FIC prior to dep.
CAUTION	First 200´ Rwy 31 soft May to Sep.

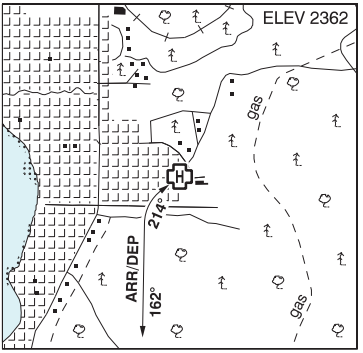
FORT ST. JAMES (PERISON) BC CYJM

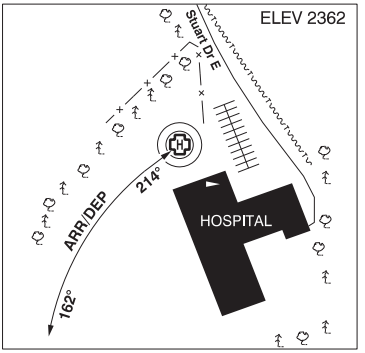
REF	N54 23 50 W124 15 46 2.4S 19°E (2013) UTC-8(7) Elev 2364´ A5014 LO1
OPR	District 250-996-7161 Reg
PF	A-1,3 C-2,4,5
FLT PLN **FIC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	 4,5
RWY DATA **RCR**	Rwy 10/28 4000x75 asphalt Opr Ltd win maint



LIGHTING	10-AS(TE ME), 28-AS(TE ME) ARCAL-123.2 type K
COMM **ATF**	 tfc 123.2 5NM 5400 ASL
CAUTION	Trees to 90 AGL 220' fr N rwy edge.

FORT ST. JAMES (STUART LAKE HOSP) BC (Heli) CFJ2

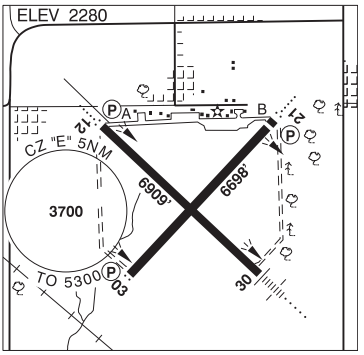




REF	N54 26 27 W124 14 33 19°E (2014) UTC-8(7) Elev 2362' A5014
OPR	Stuart Lake Hosp Maint 250-996-8201 Reg PPR
PF	A-1,2,4 C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 64' dia ASPH TLOF 39' dia ASPH Safety Area 85' dia Opr
COMM **ATF**	tfc 123.2 5NM 5400 ASL
PRO	Arr/dep 214° to 162° curved fr heli, slope 16%.
CAUTION	Flight path non-std curve on final apch.

FORT ST. JOHN BC — CYXJ

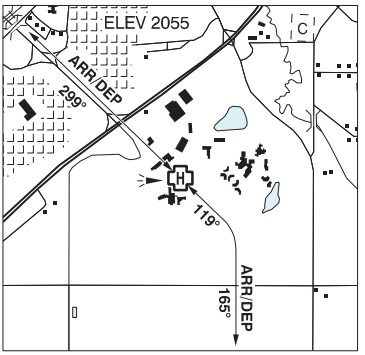
REF	N56 14 18 W120 44 25 3.8E 17°E (2020) UTC-7 Elev 2280´ A5014 A5022 LO1 HI2 HI3 CAP
OPR	North Peace Aprt Svcs Ltd 250-787-0426 H24 Cert Ldg fees
PF	A-1,2,3,6 C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.



SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 6 1200-0730Z sked pax flt only, O/T 2 hr PN. 250-261-8897 cost recovery
SUP FL	D & A-ice
JASU	Elec Start 28v-800 Amp, 28v-1500 amp, CE15
PVT ADV	Executive Flight Centre 122.35 250-785-6174
MIL CON	Executive Flight Centre Aviation Ltd 250-785-6174
RWY DATA	Rwy 12(118°)/30(298°) 6909x150 ASPH Rwy 30 up 0.53% first 1900' Rwy 03(028°)/21(208°) 6698x148 ASPH Thld 21 displ 196' Rwy 03 up 1.50% first 3000' Rwy 21 first 3700' down 0.65%
RWY CERT	Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IIIB Rwy 03/21 not avbl for acft when RVR below 2600(1/2sm) (CAR 602.96) AGN IIIB
RCR	Opr Ltd win maint 1200-0730Z, O/T 2hrs PN, call out chg may be levied. CRFI, PLR/PCN.
LIGHTING	03-AS(TE ME) P2, 21-AO(TE ME) P2, 12-AO(TE HI) P2, 30-AN(TE HI)
COMM	
RADIO	118.5 (E) (emerg only 250-787-0434)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	128.5 ltd hrs
CLNC DEL	121.9 PTC avbl ltd hrs
MF	rdo 118.5 5NM 5300 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.6 285.4
NAV	
VOR/DME	YXJ 114.2 Ch 89 N56 17 03 W120 53 44 (2664´)
ILS	IXJ 109.5 (Rwy 30) RVR LOC reliable only within 10° either side of centreline.
CAUTION	Aerobatics may be in progress over aprt 6000 ASL & below.

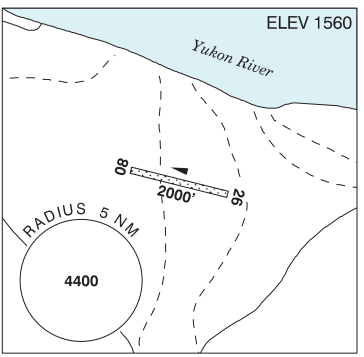
FORT SASKATCHEWAN (GEN HOSP) AB (Heli) CSV4

REF	N53 41 35 W113 12 37 15°E (2012) UTC-7(6) Elev 2055´ VTA A5015
OPR	Fort Saskatchewan Health Ctr 780-998-2256 Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4'
LIGHTING	RY (LO)
COMM ATF	tfc 123.2 5NM 5100 ASL
PRO	For VFR rtes see Edmonton VTPC or as directed by ATC. Arr/dep 299° fr heli slope 16% (H2). Curved arr/dep 119° fr heli slope 16%; curved section commencing 328' fr heli to a 165°/345° track, see sketch (H2). Do not fly over correctional facility.



FORT SELKIRK YT CFS3

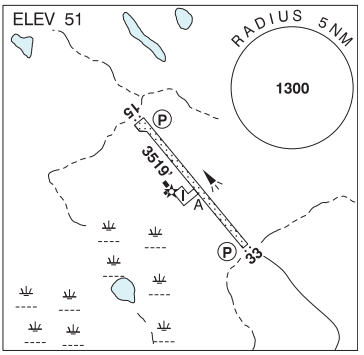
REF	N62 46 06 W137 23 05 Adj S 20ºE (2017) UTC-7 Elev 1560' A5028
OPR	Govt of Yukon Territory 867-634-2046 or 867-993-7709 Fax 867-634-2131 Reg
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA RCR	Rwy 08(084º)/26(264º) 2000x75 gravel Opr No maint
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Soft spots on rwy. Tundra tires recommended.



FORT SEVERN ON

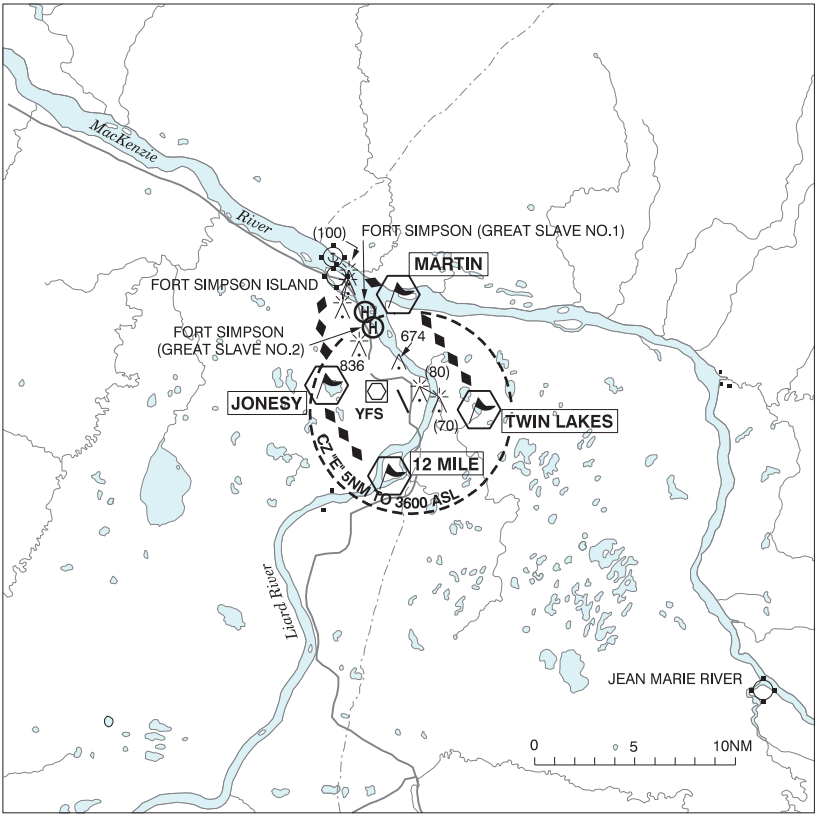
CYER

REF	N56 01 08 W87 40 34 3NW 8°W (2019) UTC-5(4) Elev 51´ A5017 A5025 LO3 HI2 HI4 CAP
OPR	Govt of Ontario - MTO 807-478-2535 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF 10-20Z‡, issue times: 0940, 1340Z (DT 0840, 1240Z)



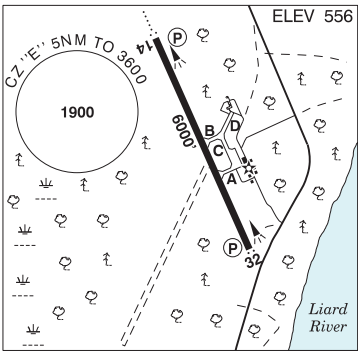
RWY DATA	Rwy 15(150°)/33(330°) 3519x100 GRVL Rwy 15 first 972' up 0.36%
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Aprt Foreperson 807-632-2396 Rwy cond subject to season & climatic var.
LIGHTING	15-AS(TE ME) AP, 33-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 3100 ASL
AWOS	124.55
NAV	
NDB	YER 334 (M) N55 59 33 W87 38 20 Unmonitored
CAUTION	Lgtd twr 245 ASL (225 AGL) 2.3NM SE of AD

FORT SIMPSON VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
12 MILE	VCXII	N61° 42' 38" W121° 16' 15"
JONESY	VCJON	N61° 46' 36" W121° 22' 40"
MARTIN	VCMAR	N61° 51' 12" W121° 14' 48"
TWIN LAKES	VCTWL	N61° 44' 57" W121° 07' 51"

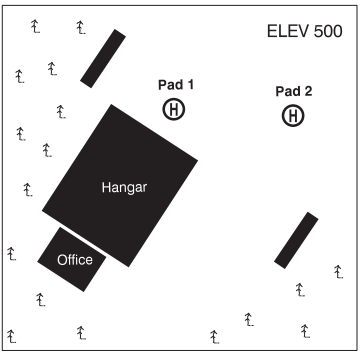
FORT SIMPSON NT CYFS



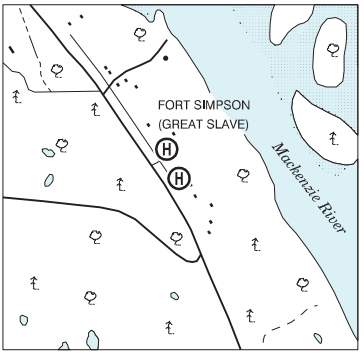
REF	N61 45 37 W121 14 12 7.4ESE 19°E (2019) UTC-7(6) Elev 556´ A5029 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt 877-989-1400 0130-0230Z‡, 1430-2330Z‡ Mon-Fri, 0130-0230Z‡, 1515-1615Z‡ Sat, 1830-1930‡ Sun, ltd maint for sked pax flts dur statutory hols, O/T 2 hr PN, ctc CARS. Call out chg may be levied. Cert
PF	A-1 avbl 1530-2330Z‡ Mon-Fri C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-695-2491
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	
FUEL	100 LL, JA-1, SP, HPR, 15-24Z‡ Mon-Fri (call 20 min prior arr) O/T 1 hr PN. Call out chg will be levied. Nogha Construction Ltd. 867-695-6533.
S	4,6
RWY DATA	Rwy 14(137°)/32(317°) 6000x150 ASPH Rwy 14 up 0.33% first 3000´
RWY CERT	Rwy 14/32 AGN V
RCR	Opr CRFI & win maint avbl 0130-0230Z‡, 1430-2330Z‡ Mon-Fri, 0130-0230Z‡, 1515-1615Z‡ Sat, 1830-1930Z‡ Sun, Oct 15-Apr 15, ltd maint for sked pax flts dur statutory hols, O/T 2 hrs PN, ctc CARS. Call out chg may be levied. PLR/PCN Rwy 14/32 ruf sections aprx 2300' to 2900' beyond Thld 14, 26' E of rwy centreline.
LIGHTING	14-AO(TE ME) P2, 32-AS(TE ME) P2 ARCAL-122.2 type K
COMM	
RCO	Edmonton rdo 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U)
MF	aprt rdo 122.2 (V) 15NM 3600 ASL (CAR 602.98)
PAL	Edmonton Ctr 135.4
APRT RDO	122.2 (V)
NAV	
VOR/DME	YFS 117.9 Ch 126 N61 46 25 W121 17 53 (588')
PRO	PPR before "hot refuelling" procedures may be used.

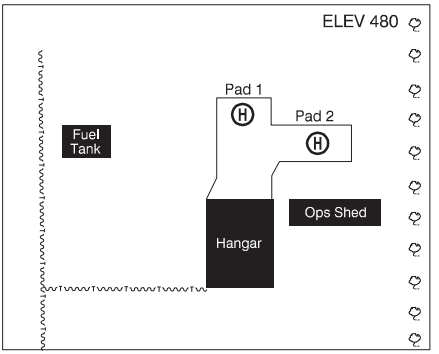
FORT SIMPSON (GREAT SLAVE NO. 1) NT (Heli) CFS2

REF	N61 50 18 W121 19 35 2.4SE 21°E (2013) UTC-7(6) Elev 500' A5029
OPR	Great Slave Helicopters 867-695-2326/867-873-2081 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-695-2491
HELI DATA	PAD 1: 16' x 40' concrete PAD 2: 16' x 40' concrete
COMM	
RCO	Edmonton rdo 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U)
MF	Fort Simpson aprt rdo 122.2 (V) 15NM centered on Fort Simpson A/D 5NM ESE 3600 ASL (CAR 602.98)
PRO	Arr/dep 000°-090° deg, apch fr river side of pad only to avoid bldgs and pwr lines.
CAUTION	200 AGL comm twr 150' SW of hgr.



FORT SIMPSON (GREAT SLAVE NO. 2) NT (Heli) CFD8





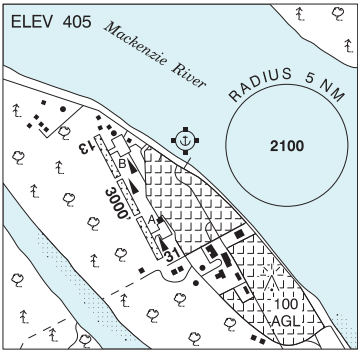
REF	N61 50 12 W121 19 30 2.5SE 21°E (2013) UTC-7(6) Elev 480´ A5029
OPR	Great Slave Helicopters 867-695-2326 or 867-873-2081 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-695-2491
HELI DATA	Pad 1: 15' x 50' concrete Pad 2: 12' x 50' concrete
COMM	
RCO	Edmonton rdo 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U)
MF	Fort Simpson aprt rdo 122.2 (V) 15NM centered on Fort Simpson A/D 5NM ESE 3600 ASL (CAR 602.98)

FORT SIMPSON (GREAT SLAVE NO. 2) NT (Heli) (Cont'd) CFD8

PRO	All apch fr river side of pad.
CAUTION	Hydro line along N bdry of property 130´ N of hangar.

FORT SIMPSON ISLAND NT CET4

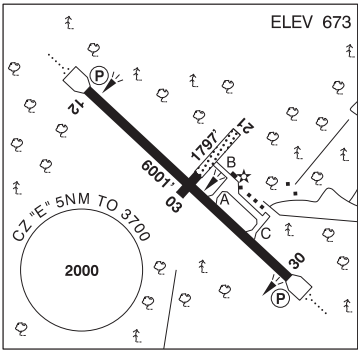
REF	N61 52 00 W121 21 58 Adj 21°E (2012) UTC-7(6) Elev 405´ A5029
OPR	Airports North Ltd 867-695-2263/2505 Reg Ldg fees PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-695-2491
RWY DATA	Rwy 13(132°)/31(312°) 3000x100 gravel/snow Thlds rwy 13 & 31 displ 1000´.
TWY	Twy A & B day use only.
RCR	Opr Ltd win maint



COMM	
RCO	Edmonton rdo 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U)
MF	Fort Simpson aprt rdo 122.2 (V) 15NM centered on Fort Simpson A/D 7.4NM ESE 3600 ASL (CAR 602.98)
PRO	Rgt hand circuits Rwy 13 (CAR 602.96).
CAUTION	First 300´ Rwy 13 soft Apr til Jun. Extv migratory bird activity May-Oct.

FORT SMITH NT CYSM

REF	N60 01 13 W111 57 43 16°E (2013) UTC-7(6) Elev 673´ A5023 A5030 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-872-2007/0207 Emerg/Incident rpt 877-989-1400 1430-0130Z‡ Mon-Fri, 1430-0100Z‡ Sun Apr 16-Oct 15, O/T 2 hr PN ctc 867-872-2376, call out chg may be levied. 1400-0130Z‡ Mon-Fri, 14-01Z‡ Sun Oct 16-Apr 15, O/T 2 hr PN ctc 867-872-2376/0208, call out chg may be levied. Ltd maint provided for sked pax flts during statutory hols. Cert



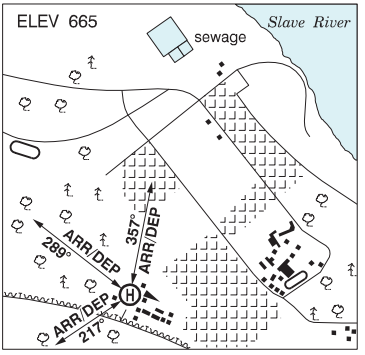
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-872-2376
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.

FORT SMITH NT (Cont'd) CYSM

SERVICES	Call out chg may be levied after hrs.
FUEL	100LL, JA-1 15-24Z‡ Mon-Fri Northwestern Air Lease 867-872-2216 or 877-872-2216. Self-serve cardlock accepts major cards.
OIL	BP 2380, 15W50
S	2,4,6
SUP FL	D-ice ltd svc, type 1 only. Ctc Northwestern Air Lease at 867-872-2216 ext 351.
RWY DATA	Rwy 12(117°)/30(297°) 6001x100 ASPH Rwy 03(026°)/21(206°) 1797x99 GRVL/ASPH, 600´ ASPH
RWY CERT	Rwy 12/30 AGN IIIB Rwy 03/21 AGN I
RCR	Opr CRFI & win maint 1400-0130Z‡ Mon-Fri, 14-01Z‡ Sun, exc statutory hols Oct 16-Apr 15, O/T 2 hr PN ctc 867-872-2376/0208. Rwy 03/21 clsd Oct 20-Apr 30. PLR/PCN.
LIGHTING	12-AO(TE ME) P2, 30-AO(TE ME) P2
COMM	
RCO	Edmonton rdo 123.55 (FISE) 239.8 (FISE) (U)
MF	aprt rdo 122.2 5NM 3700 ASL (CAR 602.98)
APRT RDO	122.2 (V)
NAV	
VOR/DME	YSM 112.4 Ch 71 N60 01 12 W111 58 10 (692´)
PRO	PPR fr APM before "hot refuelling" procedures may be used.
CAUTION	Radiosonde balloon launches fr N60 02 W111 56 (1.3NM NE thld Rwy 12) at 1115Z-1129Z & 2315Z-2329Z dly.

FORT SMITH (DISTRICT) NT (Heli) CEC5

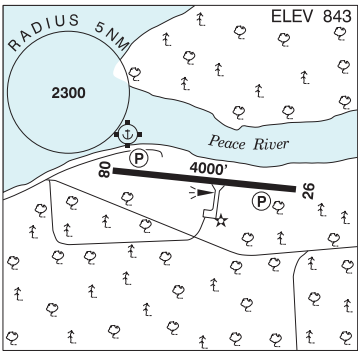
REF	N60 00 11 W111 54 34 Adj W 15°E (2014) UTC-7(6) Elev 665´ A5023 A5030
OPR	Dept of Environment & Natural Resources, Govt of Northwest Territories 867-872-6400 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-872-2376
HELI DATA	FATO/TLOF 30' dia CONC Safety Area 115' x 128'
RCR	3 parking pads 30' dia concrete No win maint.



COMM	
RCO	Edmonton rdo 123.55 (FISE) 239.8 (FISE) (U)
MF	aprt rdo 122.2 5NM centred on Fort Smith A/D 1.9NM WSW 3700 ASL (CAR 602.98)
APRT RDO	122.2 (V)
PRO	S arr/dep path 217°, W arr/dep path 289°, N arr/dep path 357° Do not overfly built up area to E/NE (H3)
CAUTION	P-lines S of A/D

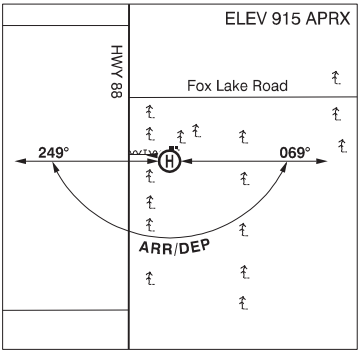
FORT VERMILION (WOP MAY MEMORIAL) AB — CEZ4

REF	N58 24 15 W115 56 53 2.3ENE 17°E (2013) UTC-7(6) Elev 843´ A5023 LO1 CAP
OPR	MacKenzie County 780-927-3718 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 08(080°)/26(260°) 4000x100 ASPH AGN IIIA
RCR	Opr
LIGHTING	08-(TE LO) P1, 26-(TE LO) P1 ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 3800 ASL



FORT VERMILION / COUNTRY GARDENS B&B AB (Heli) — CKV9

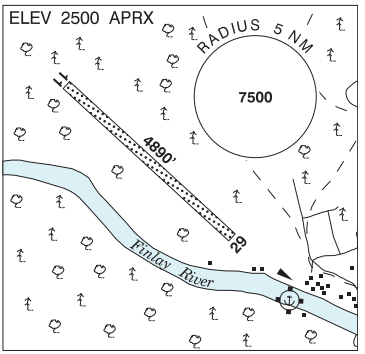
REF	N58 21 02 W115 56 57 2.5ESE 17°E (2014) UTC-7(6) Elev 915´ aprx A5023
OPR	Daryl & Marg Zielsdorf 780-927-3773 Reg
PF	B-1,2,3,5,6 C-4
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 90' dia GRASS Safety Area 105' dia Max heli overall length 60' Parking Pad-1: 16' x 16' WOOD/CONC Parking Pad-2: 16' x 16' WOOD/CONC Parking Pad-3: 16' x 16' WOOD/CONC Parking Pad-4: 16' x 16' WOOD/CONC
RCR	Opr
COMM ATF	tfc 123.2 5NM 4000 ASL
PRO	Arr/dep 069° to 249° fr heli (H3), day use only.



FORT WARE BC

CAJ9

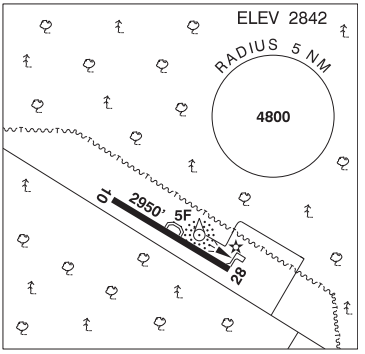
REF	N57 25 49 W125 39 10 Adj SW 19°E (2018) UTC-8(7) Elev 2500´ aprx A5022 LO1 RCAP
OPR	Fort Ware Indian Band Council 250-563-4161 Reg
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	WxCam
RWY DATA	Rwy 11(114°)/29(294°) 4890x100 GRVL
RCR	Opr Ltd win maint or 250-471-2302
COMM	
RCO	Whitehorse rdo 123.375 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5500 ASL
CAUTION	Rwy may be u/s dur spring.



FOX CREEK AB

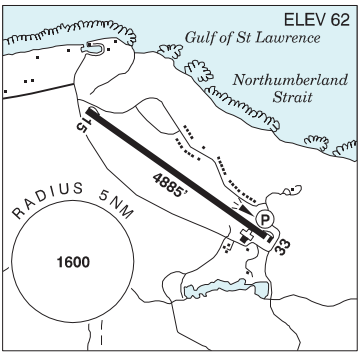
CED4

REF	N54 22 48 W116 45 59 2SE 17°E (2012) UTC-7(6) Elev 2842´ A5014
OPR	Town of Fox Creek 780-622-3896 Reg
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	JB (FSII avbl) 888-778-8765
RWY DATA	Rwy 10(107°)/28(287°) 2950x75 asphalt
RCR	Opr Ltd win maint
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5800 ASL
NAV	
NDB	5F 353 (L) N54 22 46 W116 45 36 Pvt Unmonitored
DME	5F 110.0 Ch 37 N54 22 45 W116 45 34 Pvt Unmonitored



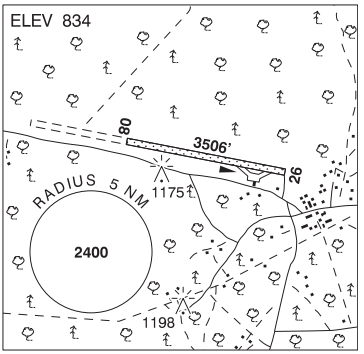
FOX HARBOUR NS — CFH4

REF	N45 52 12 W63 27 40 1.5N 18°W (2018) UTC-4(3) Elev 62´ A5003 LO8 HI6 RCAP
OPR	Fox Harbour Development 902-257-1801/694-4311 Reg PPR
PF	B-1,2,5 D-4
CUST	AOE/CAN
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES **FUEL**	Call out chg may be levied for fuel JA-1 Ltd hrs ctc opr
RWY DATA **RCR**	Rwy 15(143°)/33(323°) 4885x75 asphalt Thld 33 displ 80' Opr Ltd win maint
LIGHTING	15-(TE ME), 33-(TE ME) P2 ARCAL-122.2 type K
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.2 5NM 3100 ASL
CAUTION	**Trees:** Trees on apch to Rwy 15, 250´ fr thld, 52´ above thld elev. **Hangar:** Hangar 37´ high, 175´ fr rwy. **High Performance Acft:** Not recommended for use at ngt by high performance acft. **Optical Illusion:** Due to relative width of rwy, acft may appear to be higher than actual on apch. **Wildlife:** Be alert for wildlife on rwy. **Turbulence:** Due adj trees, westerly winds may produce turbulence over rwy.



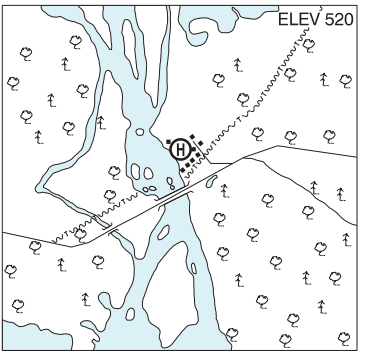
FOX LAKE AB — CEC3

REF	N58 28 23 W114 32 39 1NW 17°E (2012) UTC-7(6) Elev 834´ A5023 LO1
OPR	Little Red River Cree Nation 780-759-3912 Reg PPR Ldg fees
PF	C-1,4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 08(084°)/26(264°) 3506x100 sand/gravel Opr
LIGHTING	08-AO(TE ME), 26-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 3900 ASL
CAUTION	Horses may stray onto rwy.



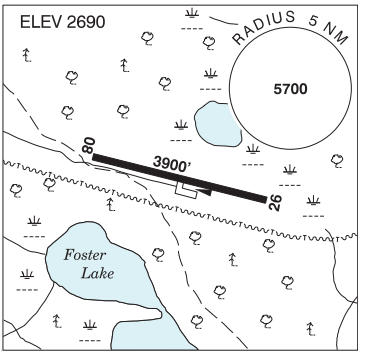
FRANK CHANNEL (FORESTRY) NT (Heli) CFB2

REF	N62 47 10 W115 56 45 19°E (2013) UTC-7(6) Elev 520´ A5030
OPR	Dept of Environment & Natural Resources, Govt of Northwest Territories 867-920-7184 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	3 pads 30' dia
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	P-Lines and bridge to the E.



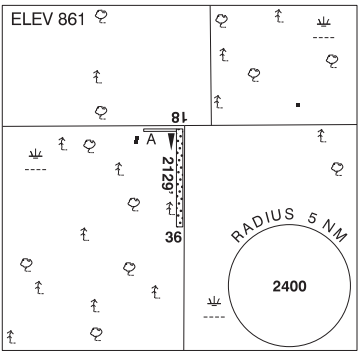
FRASER LAKE BC CBZ9

REF	N54 00 48 W124 46 06 4SE 19°E (2012) UTC-8(7) Elev 2690´ A5014
OPR	Village 250-699-2859 or 250-699-1146 Reg
PF	C-1,2,4,5,7,8
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	5,7
RWY DATA APRON RCR	Rwy 08(085°)/26(265°) 3900x75 ASPH no prkg - reserved for air ambulance 250-699-1265 Ltd win maint.
COMM ATF	tfc 122.8 5NM 5700 ASL
CAUTION	Migratory bird act in vic of A/D. Ltd smoke from adj Fire Training Centre.



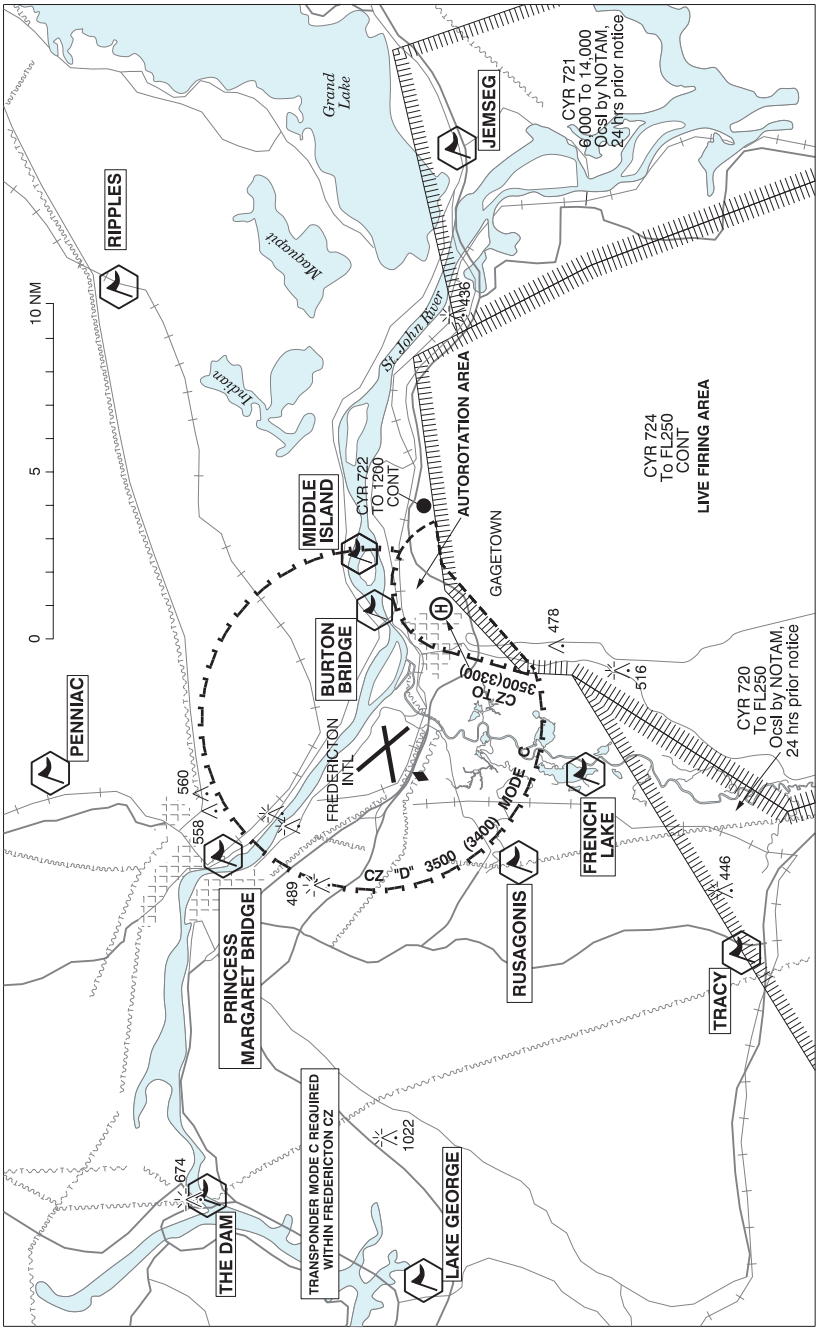
FRASERWOOD / TRIBBLE RANCH FIELD MB CTR8

REF	N50 35 33 W97 17 59 4.3SW 3°E (2018) UTC-6(5) Elev 861 A5007
OPR	Joachim De Smedt 204-890-1012 Reg PPR
PF	D-1,2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 18(177°)/36(357°) 2129x40 GRASS Opr Ltd win maint.
COMM **ATF**	 tfc 122.15 5NM 3900 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	P-lines N of Thld 18 and E of rwy. Wildlife in vic of A/D.



FREDDIE CARMICHAEL NT — See AKLAVIK / FREDDIE CARMICHAEL

FREDERICTON VFR TERMINAL PROCEDURES CHART



FREDERICTON VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BURTON BRIDGE	VCBTB	N45° 51' 54" W066° 27' 05"
FRENCH LAKE	VCFRL	N45° 46' 00" W066° 33' 47"
JEMSEG	VCJMS	N45° 49' 44" W066° 07' 00"
LAKE GEORGE	VCLKG	N45° 51' 19" W066° 55' 34"
MIDDLE ISLAND	VCMDI	N45° 52' 45" W066° 24' 58"
PENNIAC	VCPNC	N46° 02' 00" W066° 35' 04"
PRINCESS MARGARET BRIDGE	VCRMB	N45° 56' 29" W066° 37' 33"
RIPPLES	VCRPL	N46° 00' 00" W066° 13' 00"
RUSAGONIS	VCRUS	N45° 48' 00" W066° 37' 28"
THE DAM	VCDAM	N45° 57' 23" W066° 52' 13"
TRACY	VCTRC	N45° 41' 03" W066° 41' 05"

VFR ROUTE PROCEDURES

DEPARTURES:

MACTAQUAC (NW): Outbound clear circuit, direct MACTAQUAC Dam enroute. Altitude: Climb to and maintain 2600 ft until clear of CZ.

RIPPLES (ENE): Outbound clear circuit, direct RIPPLES enroute, maintain North of the VOR at all times. Altitude: Climb to and maintain 2600 ft until clear of CZ and then maintain 3000 ft until training area or at/abeam Grand Lake.

PENNIAC DEPARTURE (N): Outbound clear circuit direct PENNIAC enroute. Altitude: Climb to and maintain 2600 ft until clear of CZ.

JEMSEG (SE): Outbound: Follow RIPPLES DEPARTURE, then turn right (south) to JEMSEG enroute. Altitude: Climb to and maintain 3000 ft until at/abeam JEMSEG.

TRACY (SW): Outbound clear circuit, direct TRACY enroute. Altitude: Climb to and maintain 2600 ft until clear of CZ.

Departing aircraft must join the route as soon as practicable after departure (i.e. once clear of the circuit unless instructed by ATC to turn after departure), follow the routes as described and maintain 2,600 feet until they have departed the Fredericton CZ.

ARRIVALS:

HWY10 (ENE): Inbound direct RIPPLES, follow Hwy 10 until North of airport, then direct CYFC. Maintain North of VOR at all times. Altitude: If inbound from East, descend to 2500 ft before Grand Lake, then descend to and maintain 1600 ft prior to entering CZ.

LAKE GEORGE (NW): Inbound direct Hwy 2 and Hwy 3 intersection, direct CYFC, maintain North of apch Rwy 09 at all times. Altitude: Descend to and maintain 1600 ft prior to entering CZ.

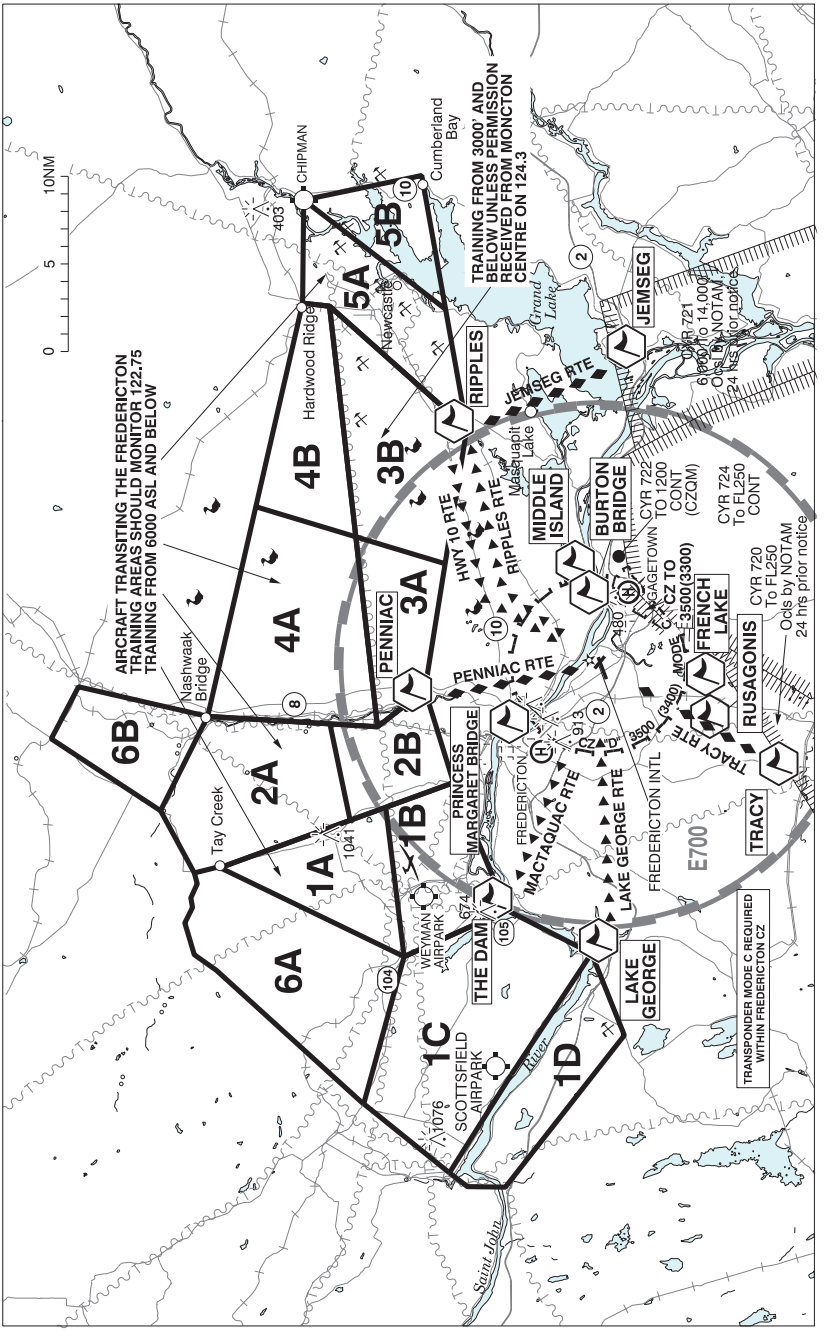
PENNIAC (N): Inbound direct PENNIAC, direct CYFC. Altitude: Descend to and maintain 1600 ft prior to entering CZ.

JEMSEG (SE): Inbound direct JEMSEG, direct RIPPLES, then follow HWY10 ARRIVAL. Altitude: Descend to 2500 ft at/abeam JEMSEG, then descend to and maintain 1600 ft prior to entering CZ.

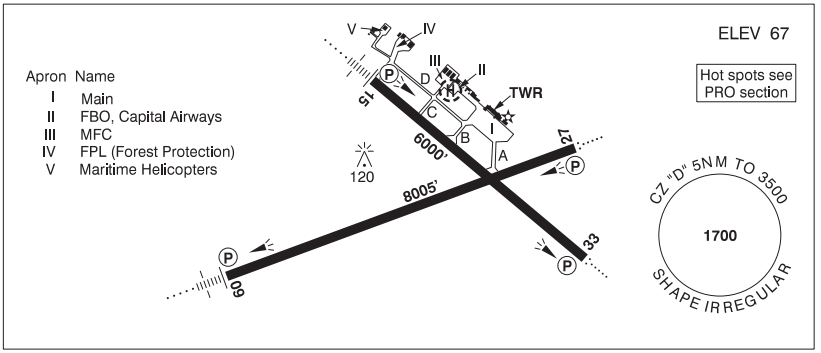
TRACY: Inbound direct TRACY, direct CYFC. Altitude: Descend to and maintain 1600 ft prior to entering CZ.

Arriving aircraft must enter the Zone at 1,600', once inside CZ, descend at pilot's discretion, unless otherwise instructed, cleared or requested to maintain a specific altitude.

FREDERICTON VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



FREDERICTON INTL NB — CYFC



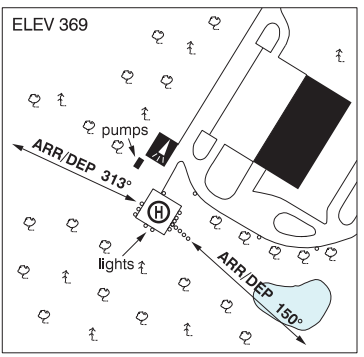
REF	N45 52 08 W66 32 14 7SE 18°W (2014) UTC-4(3) Elev 67´ A5003 LO8 HI6 CAP OC
OPR	Fredericton International Airport Authority Inc. 506-460-0920 0915-0515Z‡ Cert
PF	A-1,2,3,6(0900-0400Z‡) C-4,5
CUST	AOE/55 (140 with staged off-loading) 12-04Z‡ 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR AUTO H24 WxCam TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), F-34, IP, HPR
OIL	15W50, BP 2380
S	1,2,3,4,5,6 Capital Airways
ARFF	DESIGNATED CAT 6 (CAT 7 4 hr PN) 0915-0515Z‡
JASU	Elect Start 10/15 Capital Airways
PVT ADV	Capital Airways Inc. 122.87 506-446-3588 Fax 506-446-3589 Mon-Fri 12-22Z‡ Sat-Sun 13-21Z‡ O/T 506-238-3653 PN call out chg. Air Canada Ground Handling 130.375 506-446-6133
MIL CON	Irving Oil Commercial G.P 1-506-470-2320
RWY DATA	Rwy 09(087°)/27(267°) 8005x200 ASPH Rwy 15(148°)/33(328°) 6000x150 ASPH
RWY CERT	Rwy 09 RVR 1200(1/4 sm)/Rwy 27 RVR 1200(1/4 sm) AGN V Rwy 15 RVR 1200(1/4 sm)/Rwy 33 RVR 1200(1/4 sm) AGN V
TWY CERT	Twy C AGN II Twy D AGN IIIB
TWY	Twy C uncontrolled NE of Twy D
HELI DATA	Parking Pad: 60’ dia ASPH Max heli overall length 49'
RCR	Opr CRFI, win maint 0915-0400Z‡ PN for extended svc. PLR/PCN
LIGHTING	09-AN(TE HI) P2, 27-AO(TE HI) P2, 15-AN(TE HI) P2, 33-AO(TE HI) P2 ARCAL-119.0 type K (when twr closed)

FREDERICTON INTL NB (Cont'd) CYFC

COMM	
RCO	Saint John rdo 119.0 PTC avbl (RAAS) 0345-1045Z‡ (emerg only 506-646-7223)
ATIS	127.55 1045-0345Z‡ (O/T AWOS)
GND	121.7 1045-0345Z‡
TWR	119.0 (E) 1045-0345Z‡ (emerg only 506-446-3420)
MF	Saint John rdo 119.0 0345-1045Z‡ 5NM 3500 ASL (CAR 602.98)
PAL	Moncton Ctr 124.3 135.5 270.8
NAV	
DME	IDC 111.3 Ch 50 N45 51 47 W66 32 52 (86')
ILS	IDC 111.3 (Rwy 09) RVR LOC reliable only within 10° either side of centreline.
PRO	Dep Rwy 15 turn as soon as practicable after tkof to remain clear of CYR724. Transponder MODE C required within the Fredericton CZ. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **VFR ARR/DEP ROUTES**: See FREDERICTON VTPC - TRAINING AREAS
CAUTION	**RESTRICTED AREAS:** Extv live firing in CYR724, 725 4NM SE of aprt. **AIRSPACE:** Gagetown Class "E" CZ 3.5NM SE to 3500 ASL.

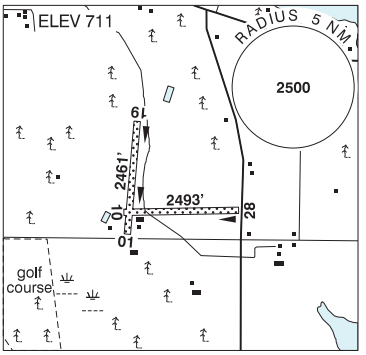
FREDERICTON (RCMP) NB (Heli) CRC2

REF	N45 55 54 W66 40 00 Adj 18°W (2014) UTC-4(3) Elev 369´ A5003
OPR	RCMP 506-451-6050 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 77' x 77' ASPH
LIGHTING	RF(FL) DR(LO) Arr/dep 150° fr heli
COMM	
ATF	tfc 123.2 5NM 3400 ASL excluding Fredericton Intl CZ
PRO	Arr/dep 150° & 313° fr heli. Ctc Fredericton TWR 119.0 1045-0345Z‡ O/T Saint John rdo 119.0 prior to arr/dep to advise intentions.



FRENCH RIVER / ALBAN ON — CFR5

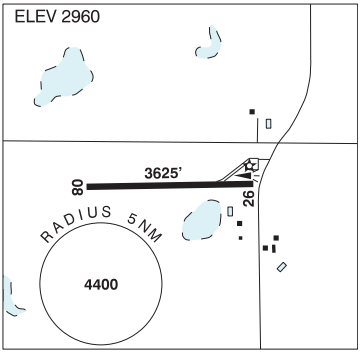
REF	N46 05 36 W80 36 15 1.2SE 10°W (2014) UTC-5(4) Elev 711' A5000 A5001
OPR	Gavin Sargeant 519-748-7480 Reg PPR (see PRO)
PF	B-1 C-2,5 D-4
FLT PLN FIC	London 866-WXBRIEF (Toll Free within Canada) or 866-541-4104 (Toll Free within Canada & USA)
RWY DATA	Rwy 10(099°)/28(279°) 2493x50 GRASS Rwy 10 first 1246' down 1.07%, last 1246' up 1.31% Rwy 01(015°)/19(195°) 2461x80 GRASS Rwy 01 down 0.65%
RCR	Opr Ltd maint. No win maint. Rwy may be soft in spring.
COMM ATF	tfc 123.5 5NM 3700 ASL
PRO	A/D avbl primarily for emerg/MEDEVAC/research users, not avbl to itinerant/recreational flt.
CAUTION	Wildlife frequently on rwy.



FRIENDSHIP FIELD MB — See CARMAN / FRIENDSHIP FIELD

FRONTIER SK — CJM5

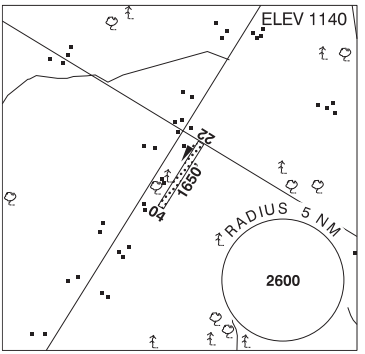
REF	N49 10 22 W108 34 29 2S 13°E UTC-6 Elev 2960´ A5006
OPR	R.M. of Frontier #19 306-296-2030 Fax 306-296-2175 Reg
PF	C-1,2,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08(078°)/26(258°) 3625x60 asphalt
RCR	Opr No win maint
LIGHTING	08-(TE LO), 26-(TE LO) LO 3000' of rwy lgtd W of twy intxn ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 6000 ASL



FULLARTON / MUNRO ON

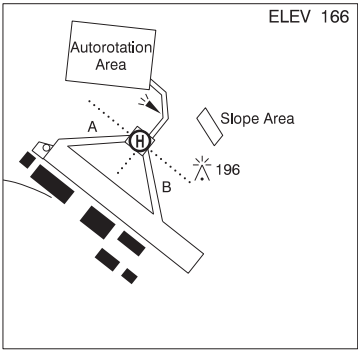
CMR3

REF	N43 25 05 W81 14 18 1.8NNW 9°W (2022) UTC-5(4) Elev 1140' A5000
OPR	Norman Paterson 519-348-9173 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 04/22 1650x65 GRASS Opr Ltd win maint
COMM **ATF**	tfc 122.8 5NM 4200 ASL
CAUTION	Bldg and road at Thld 22. Trees on NW side.



GAGETOWN NB (Heli) CYCX

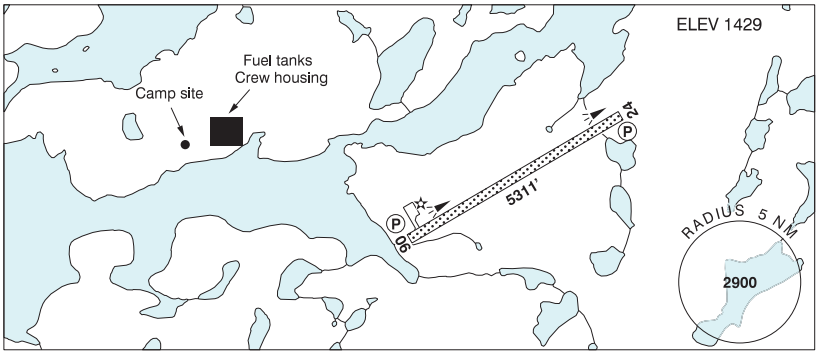
REF	N45 50 16 W66 26 12 5SE 16°W (2022) UTC-4(3) Elev 166´ A5003
OPR	DND 506-422-2394 CSN 319-432-2394 Mil PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
MIL	on site Ltd hrs
WX	Met brief for mil only. Lcl Met Section CSN 432-2613, JMC 1-800-WXMETEO (996-3836). (See COMM). METAR during mil flt ops. TAF dur mil flt ops, issue times depending on mil requirements.



PF	B-1 C-2,3,4,5
SERVICES	403 Sqn svcg call "FIVE" 321.8 ltd hrs Mon-Fri exc hols
FUEL	F-34
OIL	156
ARFF	CAT 2
MIL ADV	403 Sqn Ops call "WOLF OPS" 321.8 ltd hrs Mon-Fri exc hols
HELI DATA	150' x 150' Ctr of Pad N45 50.2 W66 26.2 Twy A 094°. Twy B 011°.
LIGHTING	DR RY(HI) Non std
COMM	
MF	126.4 263.3 (E) Gagetown advsy avbl 11Z-0300Z‡ Mon-Fri O/T ltd hrs. Opr dates & hrs may vary without notice
PAL	Moncton Ctr 124.3 135.5 270.8
MIL	46.8FM call sign Flt Following ltd hrs 49.9FM call sign Rng Ctl
PRO	Over flt of built up area 1.0NM W of heli proh below 1000 AGL Autorotation area lctd 0.5NM NNE of helipad. Circuits for helipad are left hand or opposite to Autorotation circuit when Autorotation area active. Autorotation area only active when MFAU open. Due to close proximity to Fredericton Intl, Transit thru Burton Bridge for CYCX arr only, not auth for dep fr CYCX to CYFC. For transit to Rwy 27 at CYFC acft are to transit to the ammunition storage area (N45 51.05 W066 20.43). For transit to Rwy 09 at CYFC acft are to transit to the North Y (N45 49.05 W066 24.86). For VFR practice approach COPTER RNAV (GNSS) 249, published missed approach not authorized. Crews are to contact Mtc Ctr (124.3) prior to commencing the VFR practice approach for traffic advisories and monitor CYFC Twr (119.0) during the VFR practice approach.
CAUTION	**HELI TRAFFIC:** Extv heli activity around Gagetown day & night. **RESTRICTED AREAS:** Live firing in CYR 724 & CYR 725. Unless specifically authorized remain clear. **JET TRAFFIC:** Presence of mil jet acft in the range often unannounced. Unsked dly radiosonde balloon launches with an ascent rate of 1000 ft/min in the vic of Heli.

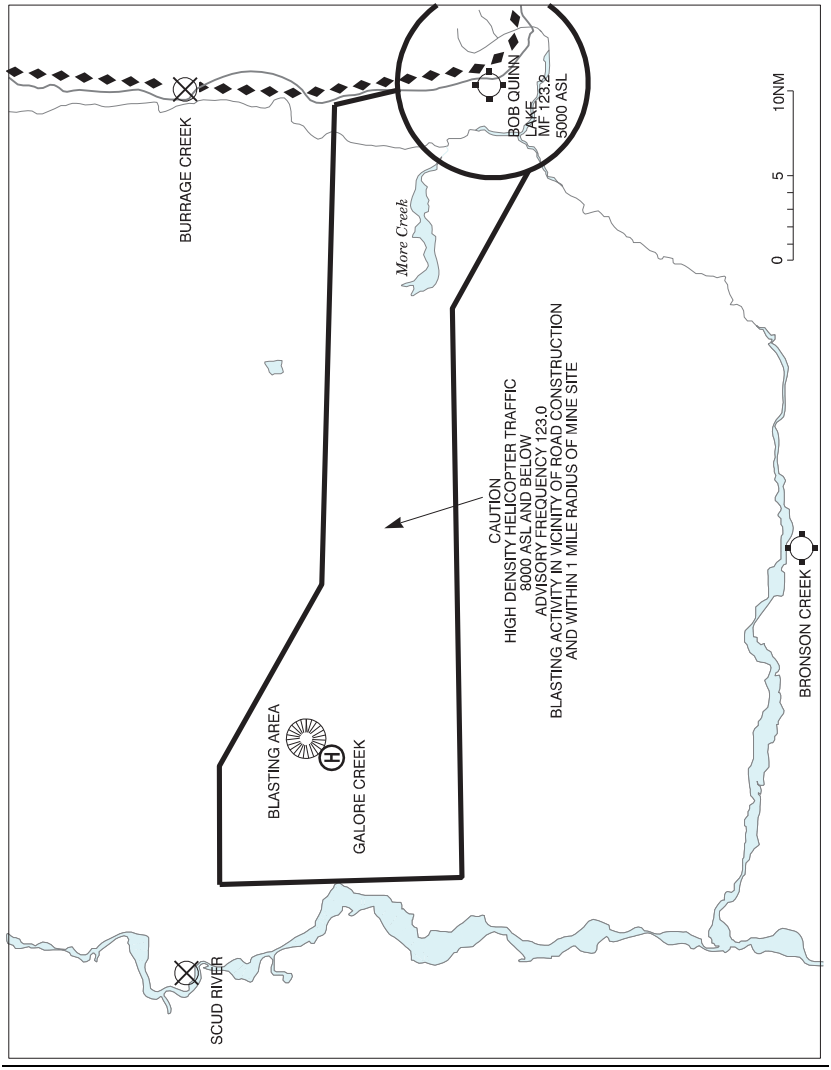
GAHCHO KUE NT

CGK2

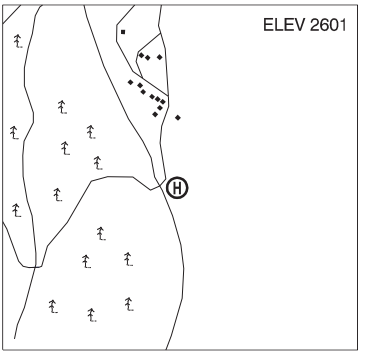


REF	N63 26 07 W109 08 41 1.4ESE 14°E (2014) UTC-7(6) Elev 1429' A5030 CAP
OPR	De Beers Canada 867-679-5842 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM)
RWY DATA	Rwy 06(060°T)/24(240°T) 5311x148 GRVL AGN IV
RCR	Opr
LIGHTING	06-(TE HI) P2, 24-(TE HI) P2 ARCAL-123.35 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 123.35 5NM 4400 ASL
AUTO	122.55
CAUTION	Blasting up to 3500 ASL within 2.5NM of A/D. Rock pile 1805 ASL aprx 1.5NM W of A/D.

GALORE CREEK / BOB QUINN LAKE VFR TERMINAL PROCEDURES CHART

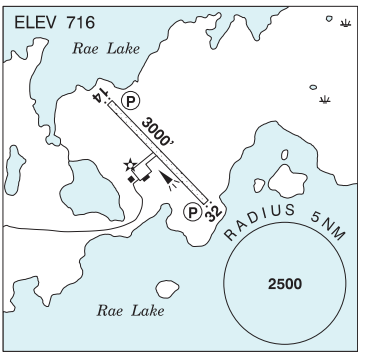


GALORE CREEK BC (Heli) CGC2



REF	N57 07 24 W131 27 09 Adj NW 20°E (2013) UTC-8(7) Elev 2601' A5021
OPR	Galore Creek Mining Corporation 604-699-4289 Reg PPR
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	100' x 100' GRVL
COMM ATF	tfc 123.0 8000' ASL (see Galore Creek/Bob Quinn Lake VTPC)
PRO	High density tfc & blasting activity - see Galore Creek/Bob Quinn Lake VTPC. Blind transmission of intentions required within defined area.
CAUTION	High volume of helicopter traffic in defined area.

GAMÈTÌ / RAE LAKES NT CYRA

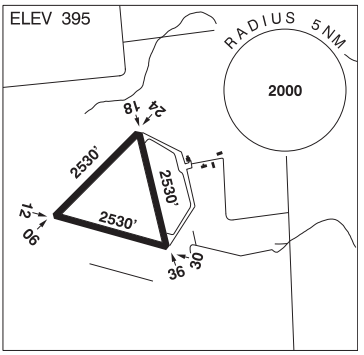


REF	N64 06 58 W117 18 35 17°E (2020) UTC-7(6) Elev 716´ A5029 A5035 LO5 CAP
OPR	Govt of Northwest Territories 867-767-9091 Emerg/Incident rpt ctc 867-445-5518 or 877-989-1400 2125-2225Z‡ Sun-Fri, O/T 1 hr PN, ctc 867-997-3441. Call out chg may be levied. Cert
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-997-3028 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 17-01Z‡ Sun-Fri, 18-21Z‡ Sat
RWY DATA	Rwy 14(136°T)/32(316°T) 3000x98 GRVL
RWY CERT	Rwy 14/32 AGN II
RCR	Opr Win maint avbl 16-01Z‡ Sun-Fri O/T 1 hr PN 867-997-3441 Call out chg may be levied. PLR/PCN Rwy compacted snow & gravel mix dur win conds.
LIGHTING	14-AS(TE ME) AP, 32-AS(TE ME) AP, ARCAL-122.1 type K key mic 7 times for AS APAPI 14/32 avbl low intensity only
COMM MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3700 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-01Z‡ Sun-Fri, 16-21Z‡ Sat
CAUTION	Caribou may be on or in vic of rwy.

GANANOQUE ON

CNN8

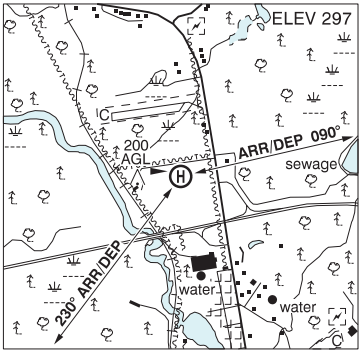
REF	N44 24 07 W76 14 39 4.3NW 13°W UTC-5(4) Elev 395´ A5000
OPR	Thousand Island Recreational Avn Centre Inc. 613-484-5867 Reg PPR
PF	B-1 C-2,3,4,5 D-6
CUST	AOE/15 888-226-7277 13-01Z‡ May 15-Oct 15
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,4,5

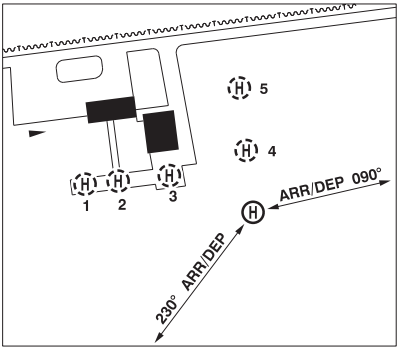


RWY DATA RCR	Rwy 06/24 2530x100 ASPH Rwy 12/30 2530x100 ASPH Rwy 18/36 2530x100 ASPH Opr No win maint. Rwys ruf
COMM ATF	tfc 123.2 5NM 3400 ASL
CAUTION	Parachuting on A/D. Rwy surfaces deteriorating.

GANANOQUE ON (Heli)

CGN4





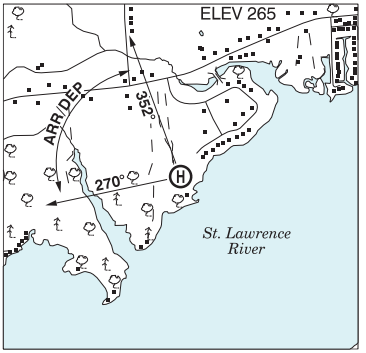
REF	N44 20 49 W76 10 28 1.1NNW 13°W (2015) UTC-5(4) Elev 297' A5000
OPR	Kouri's Kopters Inc. 613-382-3888 Reg PN
PF	B-1 C-2,3,5,6 D-4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 80' x 80' GRASS Safety Area 110' x 110' Max heli overall length 52' Parking Pads 1-2: 20' x 20' ASPH Maximum Heli overall length 50' Parking Pad 3: 30' x 30' ASPH Maximum Heli overall length 50' Parking Pads 4-5: 100' x 100' GRASS Maximum Heli overall length 80' Opr
COMM ATF	tfc 123.2 5NM 3100 ASL

GANANOQUE ON (Heli) (Cont'd) CGN4

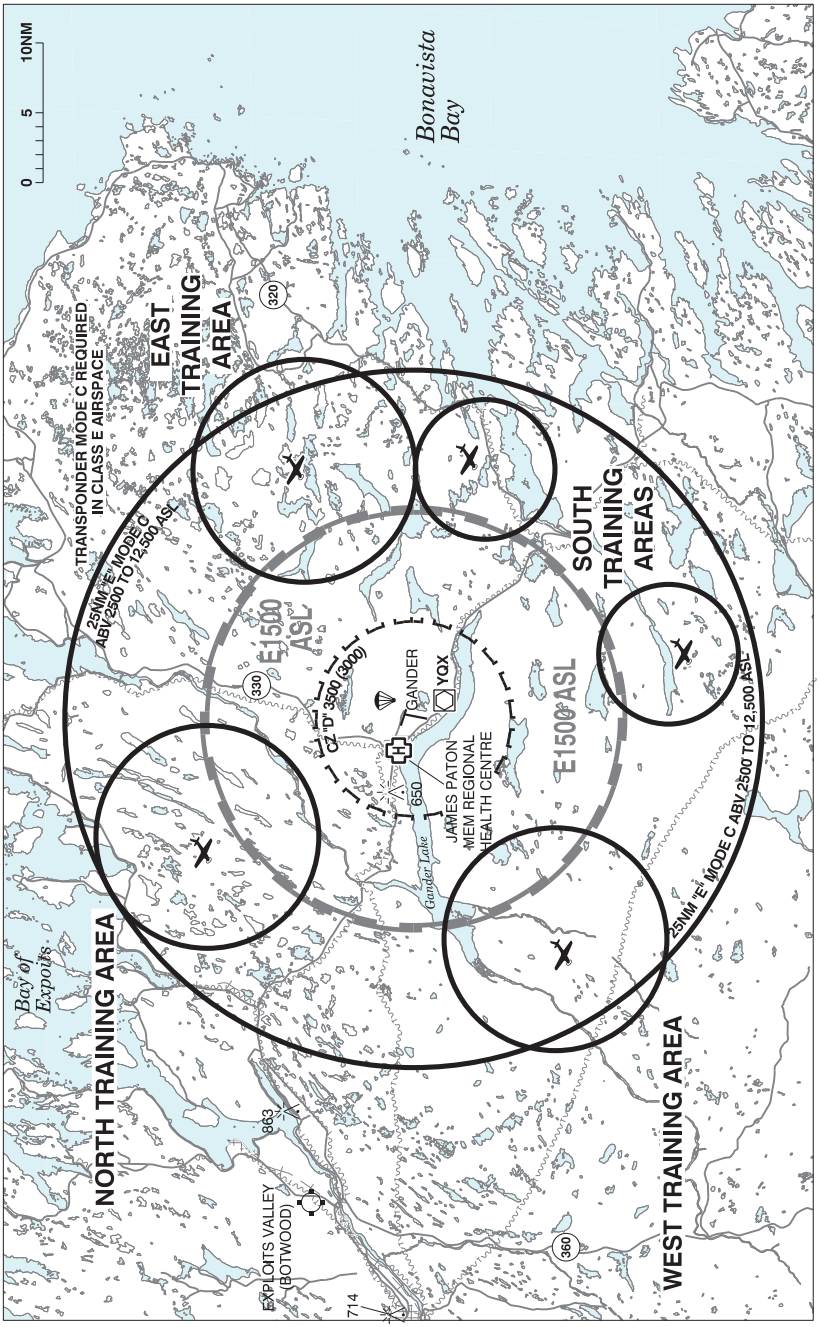
PRO	Arr/dep 090 & 230° fr heli, day use only
CAUTION	Hydro wires surrounding heli 40 AGL (see sketch). Twr 200 AGL 900' W of heli.

GANANOQUE / SIGNATURE STABLES ON (Heli) CGS3

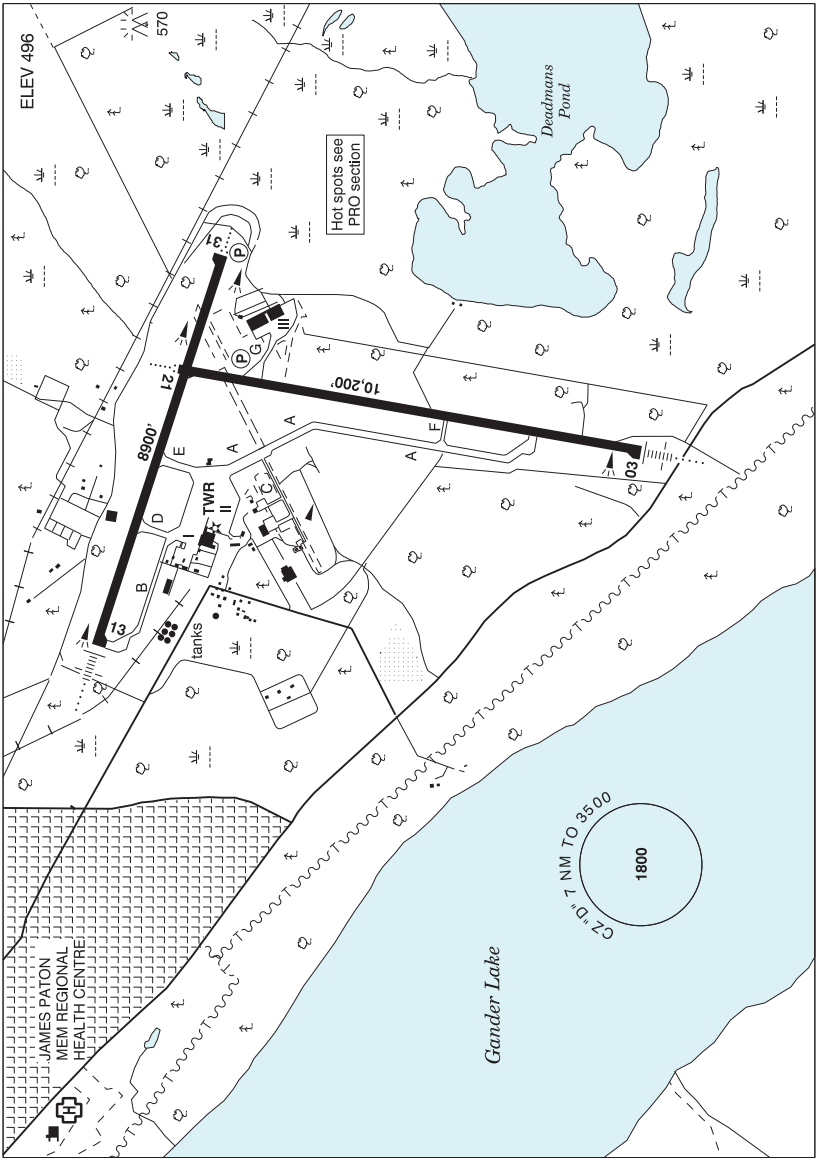
REF	N44 18 50 W76 13 50 3.1W 12°W (2022) UTC-5(4) Elev 265' A5000
OPR	Luc Pilon 613-839-5868 Reg PPR
PF	D-2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 25' x 25' CONC Opr
COMM ATF	tfc 123.2 5NM 3300 ASL
PRO	Arr/dep 270° to 352° fr heli, day use only.



GANDER VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



GANDER INTL NL CYQX



REF	N48 56 13 W54 34 05 Adj SE 20°W (2013) UTC-3½ (2½) Elev 496´ A5012 LO8 HI6 T2 CAP OC
OPR	Gander International Airport Authority Inc 709-256-6666 H24 Cert DND CSN 319-622-3342
PF	A-1,2,3,6 C-4,5

GANDER INTL NL (Cont'd) CYQX

CUST	AOE 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Mil acft hg space very ltd, PPR for hg space. For emerg, space can be made avbl, ctc Gander Wg Ops CSN 86-622-1213 or 709-256-1703 Ext 1213 1130-2000Z‡ Mon-Fri exc hols. O/T ctc Wg Duty Officer 709-235-0429. Cdn mil tran svcg not avbl 103 Sqn, ctc Allied Aviation 129.10, comm 709-256-3041.
FUEL	F-34, JA-1, JB, HPR
OIL	All
S	1,2
ARFF	PARTICIPATING CAT 5 (CAT 6, CAT 7 30 MIN PN) (CAT 8 1 hr PN) 709-256-6666
SUP FL	ADI, D & A-ice
JASU	10/15, CE13, 14, 15, CA1
MIL ADV	Outcast Ops 128.85 252.8 1030-1900Z‡ Mon-Fri exc hols 709-256-1703 Ext 1342
PVT ADV	Allied Avn 129.1; Woodward Avn 122.7 709-256-4414; Gander Avn 122.55; Irving Avn Svcs 122.9; GFT Avn Svcs 123.35 709-256-7484/709-424-5074
MIL CON	Woodward's Oil 709-256-4414
RWY DATA	Rwy 03(030°)/21(210°) 10,200x200 ASPH Rwy 13(128°)/31(308°) 8900x200 ASPH Rwy 31 up 0.33% RESA: 21 295'
RWY CERT	Rwy 03 RVR 1200(1/4sm)/Rwy 21 RVR 1200(1/4sm) AGN VI Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN VI
TWY CERT	Twy C AGN IIIB
RCR	Opr CRFI, PLR/PCN. TDT800
LIGHTING	03-AN(TE HI), 13-AN(TE HI), 21-AO(TE HI) P3, 31-AO(TE HI) P3
COMM	
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
ATIS	124.8
GND	121.9 275.8
TWR	118.1 236.6 (E) (emerg only 709-651-5329)
ARR	132.1
DEP	132.1
MIL	Outcast Ops 128.85 252.8
INTL AIR	For a description of HF Aeromobile Operations in the NAT & associated hrs of operation for Gander IFSS, refer to the AIP GEN Section 3.4 Communication Services.
NAV	
VOR/DME	YQX 112.7 Ch 74 N48 53 59 W54 32 06 (597´)
DME	IQX 109.5 Ch 32 N48 57 02 W54 33 37 (461´)
ILS	IQX 109.5 (Rwy 03) RVR LOC reliable only within 10° either side of centreline; IGN 109.9 (Rwy 13) RVR LOC reliable only within 10° either side of centreline.
PRO	Parachute ops on the field require 30 minutes PN thru fire hall 709-256-6674. ATS REQUIREMENTS: All acft dep fr inside CZ must ctc TWR on freq 118.1 or 709-651-5329 prior to tkof. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
CAUTION	Snow banks N and S of Apron III Nov-Apr.

GANDER CENTRE (emerg only 709-651-5324) CZQX

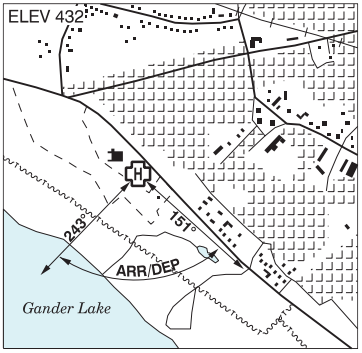
124.175 **125.9** (FL290 & above) 128.5 **128.5** 132.1 **132.1** (extended range) (FL280 & below)
132.6 **133.9** (FL290 & above) 289.4 **289.4** (FL280 & below)
Allen's Island **124.05** (FL 290 & above)
Brevoort **124.825** **128.075** (FL290 & above) (132.025 **132.025** (FL280 & below) (Clnc Del 2330-0730Z‡) O/T Montreal Centre)
Cape Dyer **132.55** (FL290 & above)
Churchill Falls **121.375** (FL290 & above) 126.025 **126.025** (FL280 & below) **128.7** (FL290 & above) 12-20Z‡ (128.7 **128.7** (FL280 & below) Clnc Del 2330-0730Z‡)
Deer Lake 134.6 **134.6** (FL280 & below)
Goose Bay 120.4 **120.4** (FL280 & below) **125.75** **127.675** **132.4** **133.425** (FL290 & above) 294.5 **294.5** (FL280 & below)
Hibernia 118.25 **118.25** (FL280 & below)
Hopedale **120.55** **125.375** **128.325** **132.65** (FL290 & above) 135.4 **135.4** (FL280 & below)
Kuujjuaq 134.2 **134.2** (FL280 & below) Clnc Del 2330-0730‡ O/T Montreal Centre
Natashquan **135.45** (FL180 to FL280 outside Clnc Del hrs) (135.45 **135.45** (FL280 & below) Clnc Del 2330-0730Z‡)
Saglek **119.625** **123.75** **128.475** **135.325** (FL290 & above)
St. Anthony **119.85** **124.725** **126.45** **128.6** **134.3** (FL290 & above)
133.0 **133.0** 371.9 **371.9** (FL280 and below)
St. John's (NL) **125.075** **128.175** **132.05** **132.475** (FL290 & above) 133.15 **133.15** (FL280 & below) **134.7** (FL290 & above) 135.35 **135.35** 227.3 **227.3** (FL280 & below)
St. Pierre (Allen's Is) (128.45 **128.45** (FL280 & below) Clnc Del 2330-0730Z‡) 134.9 **134.9** (FL280 & below)
Stephenville 120.325 **120.325** (FL280 & below) (135.05 **135.05** (FL280 & below) Clnc Del 2330-0730Z‡)
Sydney 119.425 **119.425** (FL280 & below) Clnc Del 2330-0730Z‡
Wabush **119.7** **134.0** (FL290 & above)

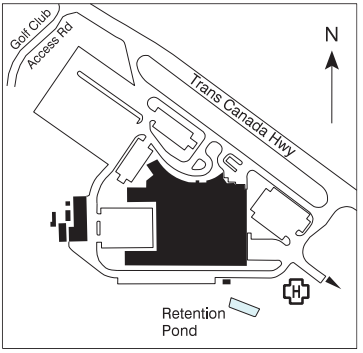
GANDER RADIO-RCO

Cambridge Bay Intl Air 2971 4675 8891 11279 Nat 'D' (SELCAL)
Iqaluit Intl Air 2971 4675 8891 11279 Nat 'D' (SELCAL)
Brevoort 124.825 (shared with Gander ACC FL290 & above)
Frederiksdal, Greenland Intl Air 127.9
Gander Intl Air 126.9 127.1
Hopedale Intl Air 120.55 (shared with Gander ACC FL290 & above)
Iqaluit Intl Air 126.9
Prins Christian Sund, Greenland Intl Air 127.9
Saglek 123.75 (shared with Gander ACC FL290 & above)
St. Anthony Intl Air 119.85 (shared with Gander ACC FL290 & above) 122.375
St. John's Intl Air 122.375 135.35 (shared with Gander ACC FL280 & below)
Gander Radio Intl Air HF
*Nat 'A' 3016 5598 8906 13306 (SELCAL)
Nat 'B' 2899 5616 8864 13291 (SELCAL)
Nat 'C' 2872 5649 8879 11336 13306 (SELCAL)
Nat 'D' 2971 4675 8891 11279 (SELCAL)
Nat 'F' 3476 6622 8831 13291 (SELCAL)
VOLMET 3485 6604 10051 13270
***Note:** The NAT Family A of frequencies is not routinely monitored by Gander IFSS; however, they are available for use in unusual circumstances such as an adjacent ATS Unit evacuation or loss communications.

GANDER RADIO: INTERNATIONAL (NAT AND ANCHORAGE FIR) / DOMESTIC (CANADIAN NORTHERN AIRSPACE)
For hours of operation and a description of HF Radiotelephony Network Operations for the North Atlantic refer to the AIP GEN section 3.4 Communication Services and for Anchorage Arctic Flight FIR refer to TC AIM NAT Section 2.
SATVOICE may be used to contact Gander Radio for non-routine flight safety calls or during periods of poor HF propagation.
Gander Radio is responsible for (ICAO) HF communication in Canadian Northern Airspace and the Anchorage FIR. Aircraft operating within these areas may use SATVOICE as an alternative to HF for routine communications.
During periods of HF unreliability, the use of SATVOICE for all communications is strongly encouraged. INMARSAT Short Code 431613, SATVOICE Long Code 1-709-651-5298.

GANDER (JAMES PATON MEM REGIONAL HEALTH CENTRE) NL (Heli) CGH2



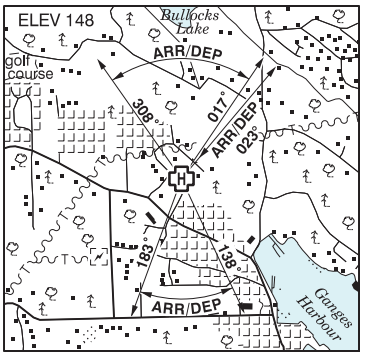


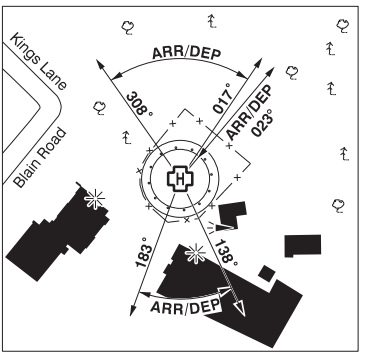
REF	N48 57 19 W54 37 38 Adj W 19°W (2014) UTC-3½(2½) Elev 432' A5012
OPR	James Paton Mem Regional Health Centre 709-256-5552/2500 Cert PN
PF	A-1,2,3,4 C-5,6

GANDER (JAMES PATON MEM REGIONAL HEALTH CENTRE) NL (Heli) (Cont'd) CGH2

FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
HELI DATA	FATO/TLOF 79' x 79' ASPH Safety Area 105' x 105' Max heli overall length 52.5'
RCR	Opr Ltd win maint
COMM	
TWR	Gander 118.1 at Gander Intl A/D 2.4NM SE
PRO	Arr/dep btwn 151°-243° fr heli, slope 8% (H3). Portion of arr/dep path overlies golf course. Verify that sufficient suitable and reachable emergency landing areas are available and not occupied by persons on the ground prior to use of arr/dep path.

GANGES (LADY MINTO/GULF ISLANDS HOSP) BC (Heli) CAL7

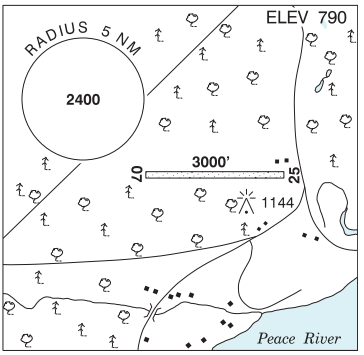




REF	N48 51 45 W123 30 31 17°E (2014) UTC-8(7) Elev 148' VTA A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	B-1,4 C-2,3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57' (CAR 602.96)
RCR	Opr
LIGHTING	RW(LO) O/R
COMM	
ATF	tfc 123.2 2NM 1200 ASL
PRO	Arr/dep 023° fr heli, slope 12% (H2). Arr/dep 308° to 017° fr heli (H1) and 138° to 183° fr heli (H1). NVIS rqrd for night use, all flt paths. (CAR 602.96)
CAUTION	120' transmission lines 1000' N of heli. Trees all quadrants. Bldg 100 AGL adj SW, Ganges water A/D 0.7NM SE.

GARDEN RIVER AB — CFU4

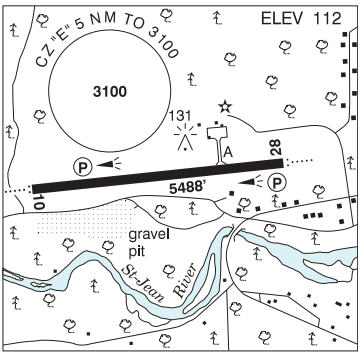
REF	N58 42 50 W113 52 34 1N 17°E (2012) UTC-7(6) Elev 790´ A5023
OPR	Little Red River Cree Nation 780-759-3912 Reg PPR
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 07(073°)/25(253°) 3000x75 GRASS Opr
COMM ATF	 tfc 123.2 5NM 3800 ASL



GARTNER AB — See EDMONTON / GARTNER

GASPÉ (MICHEL-POULIOT) QC — CYGP

REF	N48 46 30 W64 28 54 3.5W 19°W (2013) UTC-5(4) Elev 112´ A5011 LO7 LO8 HI6 CAP
OPR	Muni 418-368-2104 Ext 8514/8512 0930-0130Z‡ Oct 01-Apr 30, 12-02Z‡ May 01-Sep 30 Cert
PF	A-2,6,7,8 C-1,3,4,5
CUST	AOE/CAN 888-226-7277
FLT PLN FIC ACC WX	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR H24. AUTO (see COMM) TAF H24, issue times: 02, 08, 14, 20Z.



SERVICES FUEL S SUP FL	Svcs chg may be levied for one or more svcs 100LL, JA-1 30 min PN. 418-368-4379 or 418-361-2496 1,4,5,6 D-ice 30 min PN 418-360-3539
RWY DATA RWY CERT RCR	Rwy 10(103°)/28(283°) 5488x150 ASPH Rwy 10 down 0.43% RESA: 10/28 492' Rwy 10/28 AGN IIIA Opr 10-03Z‡ Mon-Fri, 10-21Z‡ Sat, 13-03Z‡ Sun, Oct 1-Apr 30; 13-21Z Mon-Fri, May 1-Sep 30. CRFI, PLR/PCN
LIGHTING	10-AO(TE ME) P2, 28-AO(TE ME) P2 ARCAL-122.3 type K
COMM RCO MF PAL AUTO	(bil) Mont-Joli rdo 122.3 PTC avbl (RAAS) Québec rdo 123.475 (FISE) 126.7 (bcst) Mont-Joli rdo 122.3 5NM 3100 ASL (CAR 602.98) Montréal Ctr 134.175 127.8 (English) 124.9 (French)

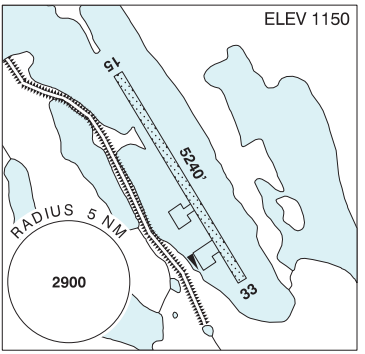
GASPÉ (MICHEL-POULIOT) QC (Cont'd) CYGP

NAV	
VOR/DME	YGP 115.4 Ch 101 N48 45 47 W64 24 17 (338')
LOC	IGP 110.3 (Rwy 10)
PRO	Tfc ptns 1600 ASL. Pilots oprg btwn CYGR and CYGP A/Ds may req ATC msgs fr Moncton Ctr in French via relay thru Madeleine rdo.

GATINEAU QC — See OTTAWA / GATINEAU

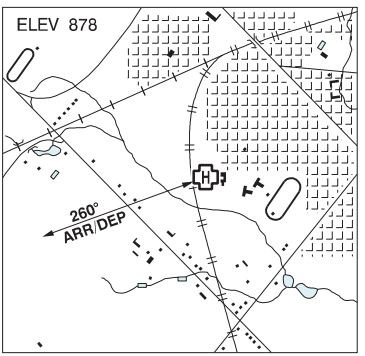
GEORGE LAKE NU CGR3

REF	N65 55 43 W107 27 45 12°E (2013) UTC-7(6) Elev 1150´ A5036
OPR	Sabina Gold and Silver Corp 604-998-4175 Reg PPR Ice rwy open Jan-Apr
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 15(149°T)/33(329°T) 5240x150 ICE
RCR	Ctc UNICOM 122.8 15 min prior to ldg for RCR Ltd win maint.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	Check NOTAM/AIP Supplement for rwy cond.

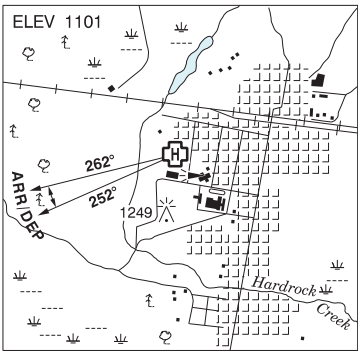


GEORGETOWN (GEORGETOWN & DISTRICT HOSP) ON (Heli) CNZ6

REF	N43 38 40 W79 56 04 Adj SW 10°W UTC-5(4) Elev 878´ VTA A5000
OPR	Georgetown & District Hosp 905-873-0111 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 83´ x 83´ ASPH Safety Area 114´ x 114´ Max heli overall length 55.3´
RCR	Opr
LIGHTING	DR RY(LO) LED green RF(FL)
PRO	Arr/dep 260° fr heli, slope 12% (H2).

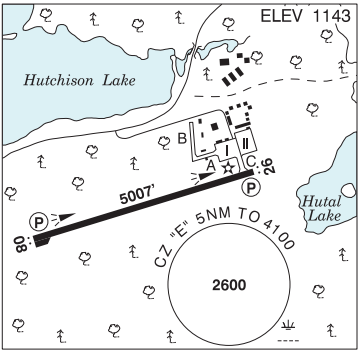


GERALDTON (DISTRICT HOSP) ON (Heli) CPJ4



REF	N49 43 26 W86 57 25 Adj W 6°W UTC-5(4) Elev 1101´ A5008 CAP
OPR	Geraldton District Hosp 807-854-1862 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	circular 86' dia ASPH Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL)
COMM RCO A/G	 London rdo 123.475 (FISE) 126.7 (bcst) (may not be receivable on ground) Ambulance dispatch 129.275
NAV VOR/DME	 YGQ 114.2 Ch 89 N49 46 11 W86 59 04 (1205')
PRO	Arr/dep btwn 252°-262° fr heli, slope 12% (H2)

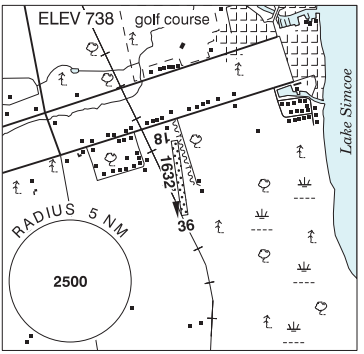
GERALDTON (GREENSTONE REGIONAL) ON CYGQ



REF	N49 46 43 W86 56 19 3N 6°W UTC-5(4) Elev 1143´ A5008 LO4 HI4 CAP
OPR	Town 807-854-1694 13-23Z‡ O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25 Cert
PF	A-1 C-2,3,4,5
FLT PLN FIC WX	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z.
SERVICES FUEL S	13-23Z‡ O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25. Call out chg after hrs. 100LL, JA-1 (FSII avbl) 13-23Z‡ O/T ctc 807-854-6727/8200 4,5,6
RWY DATA RWY CERT APRON RCR	Rwy 08(079°)/26(259°) 5007x100 ASPH Rwy 08/26 AGN IIIB Apron II pvt PN 807-854-1600 Opr 13-23Z‡ O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25. Call out chg after hrs CRFI
LIGHTING	08-AS(TE ME) P2, 26-AS(TE ME) P2 ARCAL-122.8 type K
COMM RCO ATF AWOS	 London rdo 123.475 (FISE) 126.7 (bcst) UNICOM Ltd hrs O/T tfc 122.8 5NM 4100 ASL 128.1
NAV VOR/DME	 YGQ 114.2 Ch 89 N49 46 11 W86 59 04 (1205')

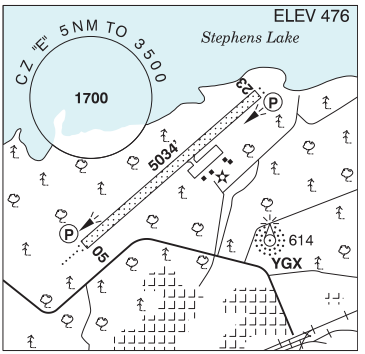
GILFORD ON — CGF6

REF	N44 13 10 W79 32 30 Adj WSW 11°W (2017) UTC-5(4) Elev 738' VTA A5000
OPR	Graham Kirby 905-729-0747 Reg PPR
PF	C-1,2,3,5,6 D-4
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18(183°)/36(003°) 1632x60 GRASS
RCR	Opr No win maint. Rwy soft in spring.
COMM	
ATF	tfc 123.2 5NM 3800 ASL
CAUTION	Twr 912 ASL (164 AGL) 0.5NM NNW. Trees N and S ends of rwy. Railroad to W.



GILLAM MB — CYGX

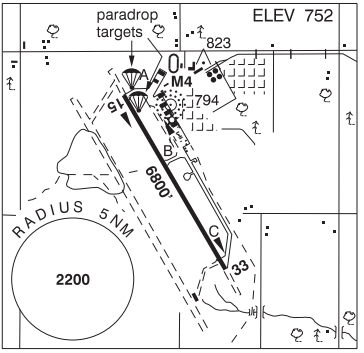
REF	N56 21 28 W94 42 39 Adj NNW 1°E UTC-6(5) Elev 476´ A5016 A5017 A5024 A5025 LO3 HI2 HI4 CAP
OPR	Town of Gillam 204-652-3170 Cert
PF	A-1 tml opr hrs of ops C-2,3,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg levied after normal hrs of ops
FUEL	100LL, JA Gillam Aviation Fuel 204-652-2109
OIL	80, 100, 15W50
S	4,6
RWY DATA	Rwy 05(046°)/23(226°) 5034x131 GRVL
RWY CERT	Rwy 05/23 AGN IIIA
RCR	Opr 14-18Z‡ & 19-23Z‡ Mon-Fri exc hols CRFI, PLR/PCN
LIGHTING	05-AO(TE ME) P1, 23-AS(TE ME) P1 ARCAL-122.1 type K
COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	tfc 122.1 (no ground station) 5NM 3500 ASL (CAR 602.98)
PAL	Winnipeg Ctr 134.650
NAV	
NDB	YGX 212 (M) N56 21 12 W94 42 00
DME	YGU 114.4 Ch 91 N56 21 27 W94 42 14 (511´)
PRO	Rgt hand circuits Rwy 05 (CAR 602.96).



GILLIES BAY BC — See TEXADA / GILLIES BAY

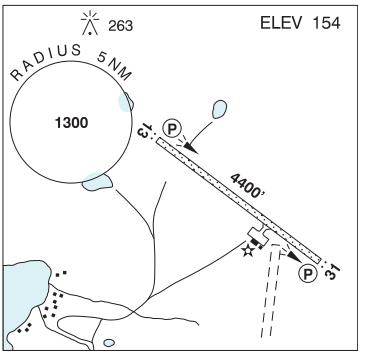
GIMLI INDUSTRIAL PARK AIRPORT MB CYGM

REF	N50 37 41 W97 02 36 2W 3°E (2014) UTC-6(5) Elev 752´ A5007 LO4 HI4 CAP
OPR	Rural Muni of Gimli 204-642-6697/6688 Mon-Fri 1400-2230Z‡ O/T 431-641-3050 Cert
PF	C-2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or Flt Pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
WX	AUTO H24 (see COMM)
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (Automated, self-serve Visa and MasterCard)
OIL	15W50 1400-2230Z‡ 204-642-6688
S	Prairie Helicopter 204-642-4841
RWY DATA	Rwy 15(147°)/33(327°) 6800x150 ASPH RESA: 15/33 295’
RWY CERT	Rwy 15/33 AGN IV
TWY	Twy C clsd Nov 1-Apr 30
RCR	Opr Snow cleared 1430-2230Z‡ Mon-Fri.
LIGHTING	15-(TE ME), 33-(TE ME) ARCAL-122.15 type K
COMM	
MF	UNICOM ltd hrs O/T tfc 122.15 5NM 3800 ASL (CAR 602.98)
AUTO	122.975
NAV	
NDB	M4 296 (L) N50 38 28 W97 02 56 Pvt
PRO	Rgt hand circuits Rwy 33 (CAR 602.96). Gliders & tow acft opr fr infield W of Rwy 15/33. Glider & tow acft circuits W of Rwy 15/33. **ATS REQUIREMENTS:** VFR & IFR Flt Plns, file at least 15 min prior to ETD. All non-flight planned acft intending flt within Winnipeg class "C" airspace (Winnipeg ctl zone & tml) refer to ATS requirements under Winnipeg/James Armstrong Richard Intl, CYWG, PRO.
CAUTION	Gliding ops Apr 1-Oct 31, intsv gliding ops Jun 1-Aug 31. All glider ops within 3NM W of A/D, max alt 4000 ASL. **USE EXTREME CAUTION WHEN JOINING CIRCUIT FROM WEST**. Civilian parajump activity dly Apr 15-Oct 31, activated by NOTAM. Max alt 12,000 ASL. Paradrop target SE of thld Rwy 15 btwn rwy and apron. Lgtd tower 1128 ASL (377 AGL) 2.5NM W of A/D. Military parajump activity year round dur daylight hrs 3000 ASL ocsl up to 10,000 ASL. Model acft activity aprx 1300' SW of A/D.



GJOA HAVEN NU — CYHK

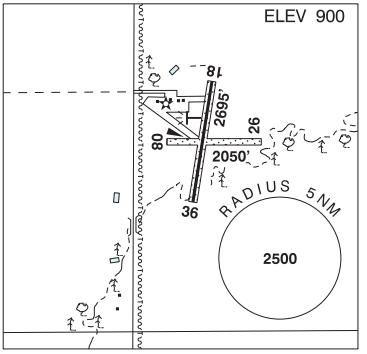
REF	N68 38 08 W95 51 01 1.5SW 6°W (2020) UTC-7(6) Elev 154´ A5042 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,3,4,5
FLT PLN **FIC** **ACC** **CARS** **WX**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 867-360-6321 Ltd hrs (see COMM) METAR dur CARS hrs (see COMM) O/T METAR AUTO WxCam TAF H24, issue times: 00, 06, 12, 18Z.



SERVICES **FUEL**	Call out chg may be levied outside oprg hrs. JA-1 1630-01Z‡ Mon-Fri exc hols, PN 867-360-7271/7616/6321 or 867-983-7259/7285. Credit cards not accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
RWY DATA **RWY CERT** **RCR**	Rwy 13(127°T)/31(307°T) 4400x100 GRVL Rwy 31 up 0.59% Rwy 13/31 AGN IIIA Maint contractor 867-360-6272, 867-391-0033. A/D maint avbl 15-24Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.1 type K (See CAUTION)
COMM **MF** **APRT RDO** **AWOS**	 aprt rdo ltd hrs O/T tfc 122.1 5NM 3200 ASL (CAR 602.98) 122.1 (V) 13-01Z‡ Mon, Tue, Thu, Fri & Sun, 13-23Z‡ Wed 128.7
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

GLADSTONE MB — CJR5

REF	N50 09 49 W98 56 33 3S 5°E (2015) UTC-6(5) Elev 900´ A5007
OPR	Municipality of WestLake-Gladstone 204-385-2332 Fax 204-385-2391 Reg
PF	B-1 C-2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	For svcg 204-385-2153/2146/2962 100LL All 2,3,4,5,6



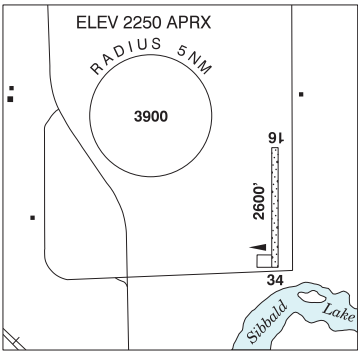
RWY DATA	Rwy 18(183°)/36(003°) 2695x95 ASPH/GRASS, centre 50´ ASPH Rwy 08(085°)/26(265°) 2050x75 GRASS/SNOW
RCR	J. Teichrib 204-385-2153/2146 Rwy 08/26 No win maint

GLADSTONE MB (Cont'd) CJR5

LIGHTING	18-(TE LO), 36-(TE LO) SS-0530Z‡ O/T PN
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL

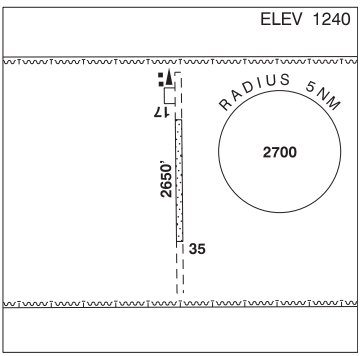
GLASLYN SK CJE5

REF	N53 22 38 W108 20 32 1NE 12°E (2015) UTC-6 Elev 2250´ aprx A5015
OPR	Village 306-342-2144 Reg
PF	C-1,2,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16(168°)/34(348°) 2600x180 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 5300 ASL
CAUTION	Lgtd twr 2610 ASL (360 AGL) 1.0NM SSW



GLENBORO MB CJJ2

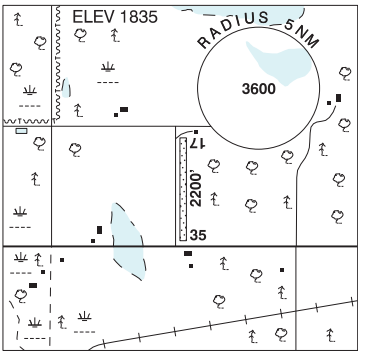
REF	N49 33 W99 20 1.5SW 5°E (2016) UTC-6(5) Elev 1240´ A5007
OPR	Glenboro Muni Aprt Comsn 204-827-2083 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(173°)/35(353°) 2650x100 GRASS Opr Ltd maint
COMM ATF	tfc 123.2 5NM 4300 ASL



GLENDON AB

CFP5

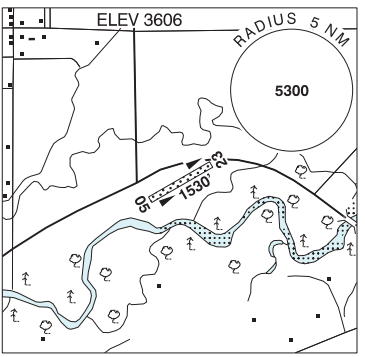
REF	N54 16 15 W111 04 00 2.5NE 14°E (2013) UTC-7(6) Elev 1835´ A5015
OPR	D & W Woycenko 780-635-2165 or 780-812-9280 Reg PPR
PF	B-1, C-2,4,5
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 17(166°)/35(346°) 2200x70 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 4900 ASL
CAUTION	P-lines 30 AGL 150´ S thld Rwy 35.



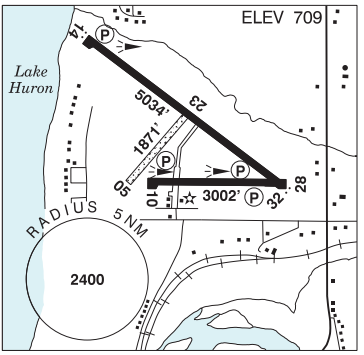
GLENWOOD AB

CGW2

REF	N49 21 16 W113 29 44 Adj ESE 14°E (2017) UTC-7(6) Elev 3606´ A5005
OPR	George Porter 403-330-9808 Reg PPR
PF	B-5 C-2
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	 5
RWY DATA RCR	Rwy 05(046°)/23(226°) 1530x60 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 6700 ASL

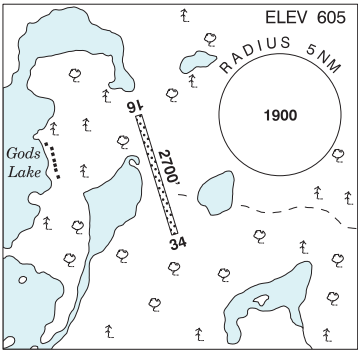


GODERICH ON — CYGD



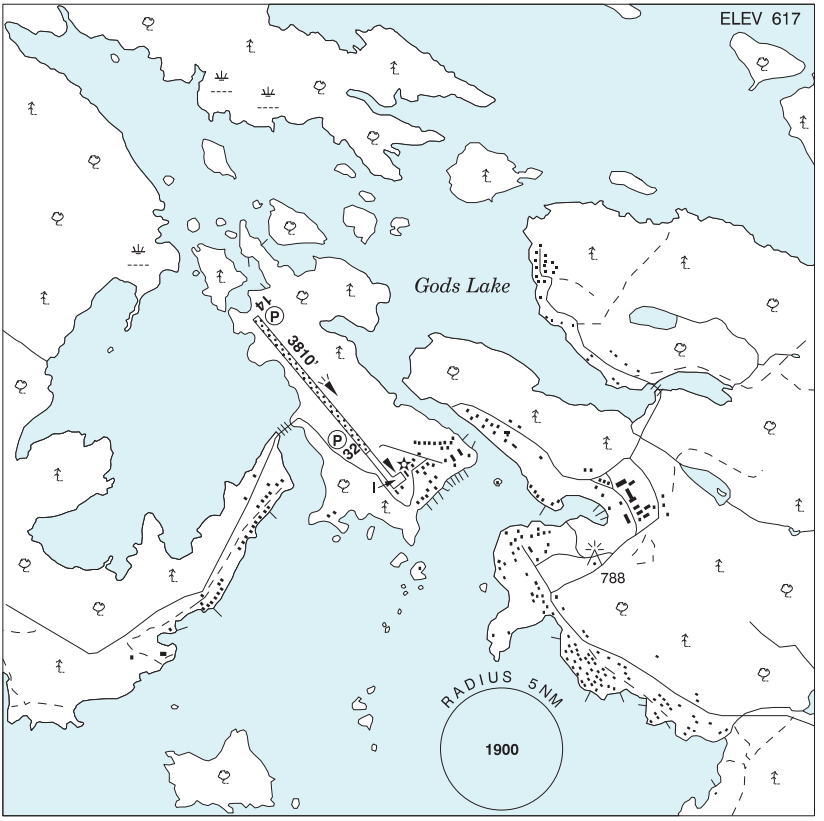
REF	N43 46 04 W81 42 39 1.5N 9°W (2015) UTC-5(4) Elev 709´ A5000 LO6 HI5 CAP
OPR	Muni 519-524-2915 Reg
PF	B-2 C-3,4,5,6,7
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	ALTIMETER/WIND ltd hrs (see COMM)
SERVICES	Call out chg for one or more svcs may be levied after hrs.
FUEL	100LL, JA-1 Cardlock avbl at tml, SP PN 519-525-2383
OIL	15W50
S	4,5,6
RWY DATA	Rwy 14(137°)/32(317°) 5034x100 ASPH Rwy 14 up 0.45% AGN IIIA Rwy 10(099°)/28(279°) 3002x50 ASPH Rwy 05(048°)/23(228°) 1871x80 GRASS
RCR	519-525-2383 12-21Z‡ Mon-Fri, O/T ltd hrs. Rwy 05/23 no win maint.
LIGHTING	10-(TE LO) AP 3.5°, 28-(TE LO) AP, 14-AS(TE LO) AP, 32-AS(TE LO) AP ARCAL-122.7 type J
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.7 5NM 3700 ASL
PRO	Rgt hand circuits Rwy 05 (CAR 602.96).
CAUTION	Possible wind shear on apch Rwy 14. Ocsl wildlife crossing rwys. Ocsl radio-controlled acft operating on Rwy 10/28.

GODS LAKE MB — CJB6



REF	N54 46 45 W93 43 01 0.5E 1°W (2015) UTC-6(5) Elev 605´ A5017
OPR	Gods Lake Haven 250-486-0006 Reg
PF	C-1,2,5 PN May 24-Sep 20
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(164°)/34(344°) 2700x65 GRVL/SAND
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3700 ASL

GODS LAKE NARROWS MB CYGO

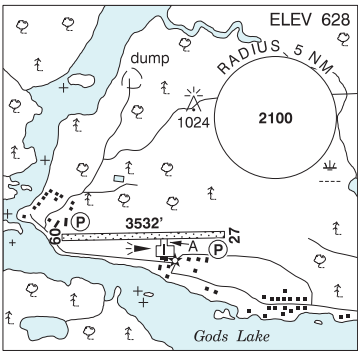


REF	N54 33 30 W94 29 27 0° (2012) UTC-6(5) Elev 617' A5017 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-670-1974 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) WxCam
RWY DATA **RWY CERT** **APRON** **RCR**	Rwy 14(141°)/32(321°) 3810x100 crushed rock Rwy 14/32 AGN IIIA Apron I: Ltd win maint APM 204-335-2024 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-670-1974
LIGHTING	14-(TE ME) AP, 32-(TE ME) AP ARCAL-122.8 type K
COMM **ATF**	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Lgtd twr 788 ASL (164 AGL) 1.2NM ESE. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

GODS RIVER MB

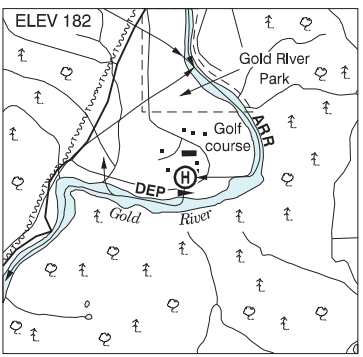
CZGI

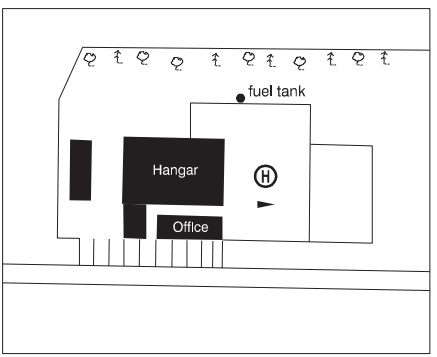
REF	N54 50 23 W94 04 43 Adj SE 1°W (2013) UTC-6(5) Elev 628´ A5017 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-366-2998 Cert
PF	A-1 C-1,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 09(091°)/27(271°) 3532x80 crushed rock Rwy 27 down 0.62%
RWY CERT	Rwy 09/27 AGN II
APRON	Ltd win maint
RCR	APM 204-366-2216 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-366-2998
LIGHTING	09-(TE ME) P1, 27-(TE ME) P1 ARCAL-122.8 type K
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Tower 410 AGL 0.5NM N. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.



GOLD RIVER (49 NORTH HELI) BC (Heli)

CGR2





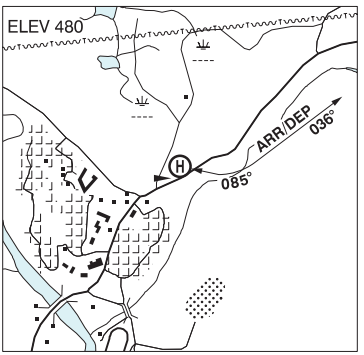
REF	N49 45 11 W126 03 19 1.4S 18°E (2013) UTC-8(7) Elev 182´ A5004
OPR	49 North Helicopters 250-283-7616 Reg PN
PF	A-1 D-2,3,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)

GOLD RIVER (49 NORTH HELI) BC (Heli) (Cont'd) CGR2

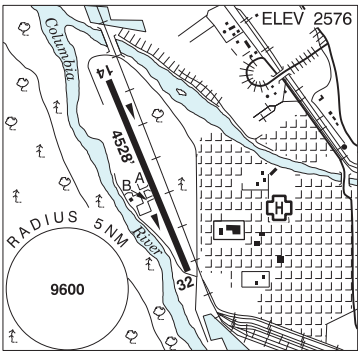
SERVICES	
FUEL	JA PN
S	4 PN
HELI DATA	96' x 92' ASPH/GRVL, shape irregular
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 3200 ASL
PRO	Arr along river fr the E. Dep to SW along river.
CAUTION	P-line(s) adj to E apch path.

GOLD RIVER (THE RIDGE) BC (Heli) CGR4

REF	N49 47 00 W126 02 37 Adj NNE 17°E (2014) UTC-8(7) Elev 480' A5004
OPR	The Ridge Neighbourhood Pub 250-283-7533 Reg PPR
PF	A-1,2 B-5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 60' x 50' x 70' irregular ASPH Max heli overall length 43'
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3500 ASL
PRO	Arr/dep curved flt path 085° to 036° fr heli, day use only.
CAUTION	Steep bank adj N, trees adj NW thru S, steep apch rqrd to clear all obst, ltd maint and tail rotor clearance.

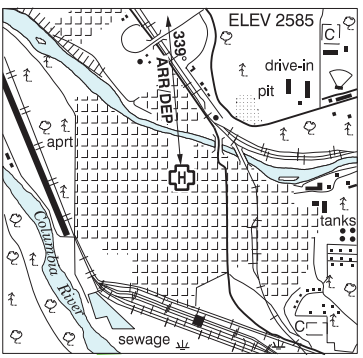


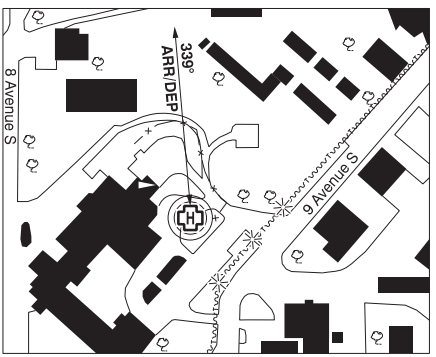
GOLDEN BC — CYGE



REF	N51 17 57 W116 58 56 Adj W 16°E (2013) UTC-7(6) Elev 2576´ A5005 LO2 CAP
OPR	Town 250-344-2271/6017 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 14-24Z (DT12-24Z) O/T LWIS WxCam
SERVICES	
FUEL	100LL, JA (FSII avbl) (Opr Automated full/self-serve, VISA, MasterCard, Amex, SP refuelling O/R) 250-344-2534
S	4,5,6
RWY DATA	Rwy 14(142°)/32(322°) 4528x75 ASPH AGN IIIA
RCR	East Kootenay Fuel Sales Ltd 250-344-2534
COMM	
RCO	Pacific rdo 122.375 (FISE) 126.7 (bcst)
MF	tfc 122.8 5NM 5600 ASL
PAL	Vancouver Ctr 132.35 (Kamloops) (may not be receivable on ground)
PRO	Rgt hand circuits Rwy 32 (CAR 602.96), circuit hgt 4000 ASL.
CAUTION	Blasting 4NM NNW sfc to 5700 ASL ocsl by NOTAM. Blasting 7NM SE sfc to 5000 ASL. Hang gliding & parasailing all year. Deer on rwy. Marked P-line 87 AGL aprx 0.3NM fr Thld 32. Ocsl parachuting on A/D.

GOLDEN (GOLDEN & DISTRICT GEN HOSP) BC (Heli) — CBT5





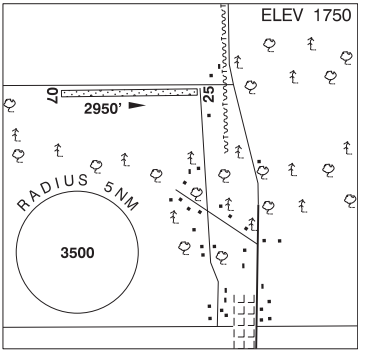
REF	N51 17 49 W116 58 01 16°E (2014) UTC-7(6) Elev 2585' A5005
OPR	Golden & District Hosp 250-344-3007 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)

GOLDEN (GOLDEN & DISTRICT GEN HOSP) BC (Heli) (Cont'd) CBT5

HELI DATA RCR	FATO/TLOF 65' dia ASPH/GRASS Safety Area 90' Max heli overall length 44.8' (CAR 602.96) Opr
COMM RCO MF A/G	 Pacific rdo 122.375 (FISE) 126.7 (bcst) tfc 122.8 5NM centred on Golden A/D adj 5600 ASL (CAR 602.98) Ambulance dispatch 130.275
PRO	Arr/dep 339° fr heli, slope 12% (H2), NVIS rqrd for night use (CAR 602.96)
CAUTION	Lgtd power poles and P-line adj SE. Obst to 100 AGL all quads. Fence borders safety area.

GOODSOIL SK CKF4

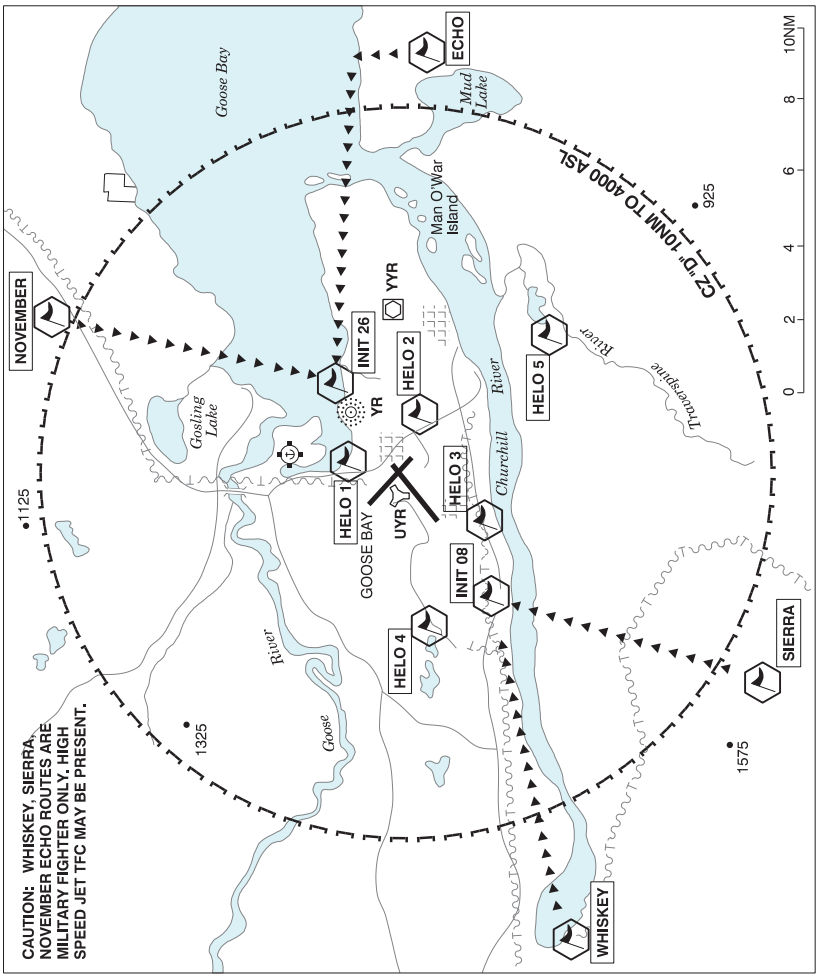
REF	N54 25 W109 14 1NNW 13°E (2013) UTC-6 Elev 1750´ A5015
OPR	Village 306-238-2094 Reg
PF	C-1,2,4,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(077°)/25(257°) 2950x100 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 4800 ASL
PRO	Rgt hand circuits Rwy 25 (CAR 602.96).
CAUTION	Fence 75´ fr thld 07. Lgtd tower 2290 ASL (365 AGL) 4.2NM W of A/D.



GOODWINS FARM AB — See SUNDRE / GOODWINS FARM

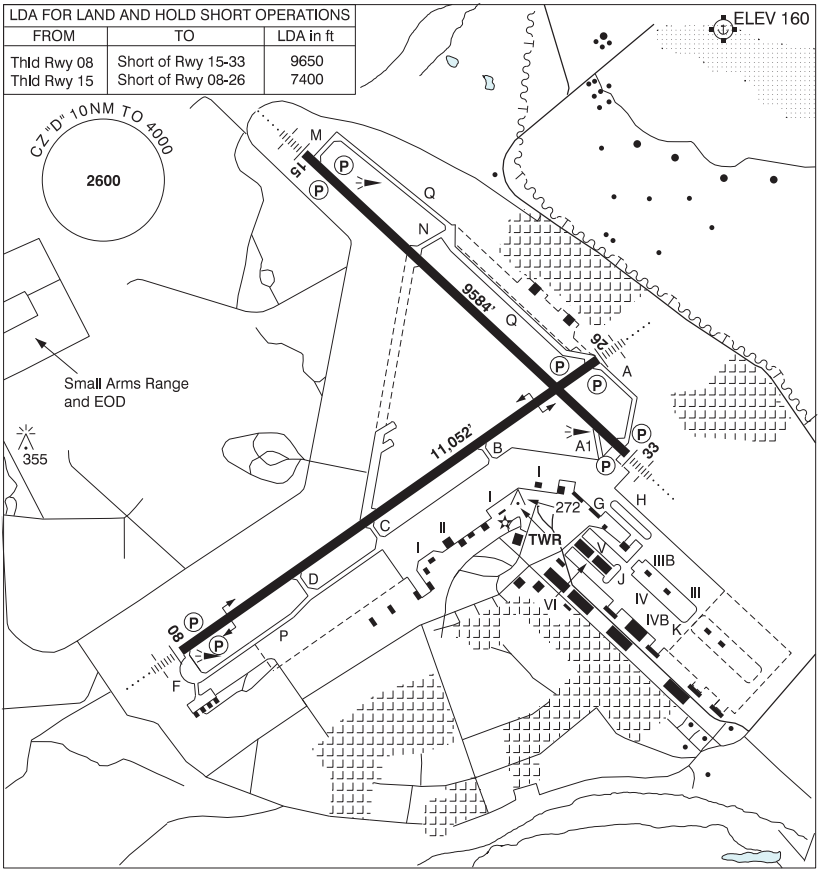
GOODWOOD FIELD AB — See HUGGETT / GOODWOOD FIELD

GOOSE BAY VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
HELO 1	VCHLA	N53° 20' 20" W060° 24' 57"
HELO 2	VCHLB	N53° 18' 15" W060° 21' 57"
HELO 3	VCHLC	N53° 17' 00" W060° 24' 27"
HELO 4	VCPTR	N53° 18' 00" W060° 33' 00"
HELO 5	VCHLD	N53° 15' 00" W060° 19' 00"
INIT 08	VCATE	N53° 16' 40" W060° 30' 57"
INIT 26	VCINI	N53° 20' 40" W060° 20' 57"

GOOSE BAY NL CYYR

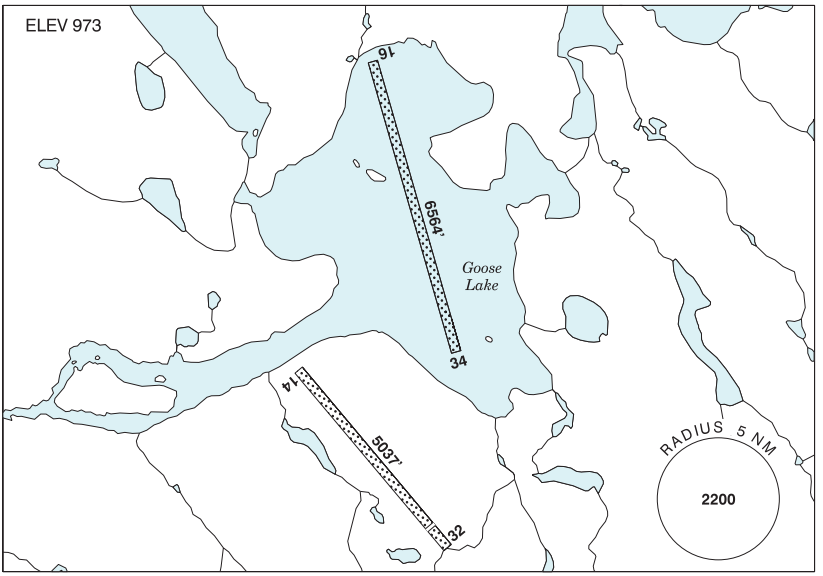


REF	N53 19 09 W60 25 33 4.5NNW 20°W (2022) UTC-4(3) Elev 160' A5020 LO7 HI1 CAP
OPR	5 Wing Ops Centre 709-896-6900 ext 555-7331 CSN 319-555-7331, 800-563-2390, e-mail 5wgwoc@forces.gc.ca, for civ ctc Goose Bay Airport Corp 709-896-5445, e-mail operations@goosebayairport.com 12-21Z‡ Mon-Fri O/T 709-896-5755 Fax 709-896-2434 Ldg fees thru PVT ADV PPR for all military and state aircraft with stop overs in CYYR. Contact 5 Wing Ops Centre via 5wgwoc@forces.gc.ca or FBO handler for assignment of PPR number.
PF	A-1,6 C-2,3,4,5
CUST	AOE/M 1130-0330Z‡; AOE/15 888-226-7277 H24
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
MIL	Flt ops 709-896-6900 ext 555-7331 CSN 319-555-7331, 800-563-2390, e-mail 5wgwoc@forces.gc.ca
WX	METAR H24. TAF H24, issue times: 00, 06, 12 & 18Z. O/T JMC 1-800-WXMETEO 996-3836 or CSN 432-2613. (See COMM)

GOOSE BAY NL (Cont'd) CYYR

SERVICES	All acft carrying dangerous goods, Class 1, division 1.1, 1.2, 1.3, 1.4 explosives 24 hr PPR thru 709-896-6900 ext 555-7331 CSN 319-555-7331. Hg space avbl. Civ acft co-ordination thru FBO at PVT ADV. Mil acft co-ordination thru MIL ADV.
FUEL	100LL, JA-1 (FSII avbl), F-34, SP, HPR
OIL	All (128, 133, 156)
S	1,2
ARFF	DESIGNATED CAT 8
SUP FL	LOX, LHOX, D & A-ice (24 hrs PN thru opr).
JASU	CE13, 14, CA1
MIL ADV	Flt Ops 129.85 350.5 709-896-6900 ext 555-7331 CSN 319-555-7331. 800-563-2390, e-mail 5wgwoc@forces.gc.ca.
PVT ADV	Tran svcg thru Woodward Avn unicom 122.9 800-563-5202, 709-896-5036. Irving Avn 123.3 709-896-9090 Page 1-553-1092; Woodward Avn 122.9 709-896-5036, 800-563-5202 or 709-899-4660
MIL CON	Woodward Oil (Woodward's Avn 709-896-5036)
RWY DATA	Rwy 08(075°)/26(255°) 11052X200 concrete with asphalt overlay Rwy 15(153°)/33(333°) 9584x200 concrete with asphalt overlay RAG: Rwy 08 BAK-12B(1300´); Rwy 26 BAK-12B(1350´); Nov 1-Mar 31 acft requiring cable 24 hr PN. Apr 1-Oct 31 1 hr PN thru opr.
TWY	Twys G, J, K and H south of J uncontrolled. Twys A1 & K unlit. Uncontrolled vehicle rte on Twy G.
RCR	Opr CRFI No win maint on Twy A1. PLR/PCN Rwy 08/26 PCN 86/F/B/W/T Rwy 15/33 PCN 59/R/B/W/T.
LIGHTING	08-AN(non-std 3000´ (1600´ SF)) (TE HI) P2, 26-AN(TE HI) P2, 15-AN(TE HI) P2, 33-AN(TE HI) P2
COMM	
RCO	London rdo 123.475 (FISE) 126.7(bcst)
ATIS	128.1 340.8
CLNC DEL	118.1 336.5
GND	121.9 275.8
TWR	119.1 236.6 (E)
TML	119.5 267.1 257T (E) 11-03Z‡ Mon-Sat O/T Gander Ctr
PAL	Gander Ctr 120.4 294.5
PMSV	344.6
NAV	
NDB	GOOSE YR 257 (M) N53 20 16 W60 21 57
VOR/DME	GOOSE YYR 117.3 Ch 120 N53 19 11 W60 17 41 (92')
TACAN	GOOSE UYR 110.3 Ch 40 N53 19 11 W60 25 00 (200´) Preventive maint 12-16Z‡ Tue exc dur IFR. Unrel btwn 096°-036° beyond 30NM below 3500´; 356°-036° beyond 35NM below 4100´; 106°-136° beyond 35NM below 4100´; 136°-356° beyond 35NM below 5000´.
ILS	IYR 110.3 (Rwy 08) (LOC back course Rwy 26 avail mil use only) RVR. Maint 12-16Z‡ Thu exc dur IFR.
PRO	Rgt hand circuits Rwy 26 (CAR 602.96). Tfc ptns: jets 1500 ASL, convl 1000 ASL. Mil jet tfc VFR recovery points; N – Hill (051° R/10NM); E – East of Lake (124° R/13NM); W – Falls (276° R/14NM); S – Lake (241° R/13NM). Acft should land beyond apch end arrestor cable when in up posn. Noise abatement Rwy 08 climb rwy hdg to 2000 ASL before turning. Noise abatement pro for sensitive area in vicinity of Northwest River/Sheshatshui N53 31.5 W60 09 (aprx YYR 046° R/14NM) & Mud Lake N53 18 W60 10 (aprx YYR 116° R/4.5 NM). All mil acft avoid flt below 2000 ASL within 2NM radius. Helo reporting pts - Helo will report over pts at 500 AGL: Helo 1 - CN Wharf; Helo 2 - Newfoundland Tel Twr; Helo 3 - Pumping Station; Helo 4 - Alexander Lake; Helo 5 - Abm Little Muskrat Lake. Unmarked fur farm loc N53 18.0 W60 22.0: Acft requested to avoid overflight of this farm below 1000 ASL within 0.5NM. All acft arriving or departing Goose (Otter Creek) ctc TWR prior to ldg or tkof.
CAUTION	Snow bank on apron btwn twy B & C Nov-May. Daily radiosonde balloon launches with an ascent rate of 1000 ft/min between the hrs of 1115-1345Z and 2315-0145Z Water Aerodrome, Goose (Otter Creek), 2.5 NM N. Small Arms Range lctd aprx. 1.5 NM NW of AD. Times of activation via ATIS, NOTAM or Goose Bay twr.

GOOSE LAKE NU CGS2

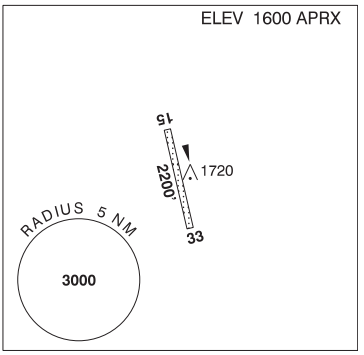


REF	N65 33 05 W106 26 17 11°E (2015) UTC-6(5) Elev 973' A5036 LO5 RCAP
OPR	B2Gold Corp 604-681-8371 Reg PPR Ice rwy open Jan-Apr
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 14(140°T)/32(320°T) 5037x131 GRVL Thld 32 displ 535' Rwy 16(164°T)/34(344°T) 6564x260 ICE
RCR	Ctc UNICOM 122.8 15 min prior to ldg for RCR Ltd win maint.
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3900 ASL
CAUTION	Check NOTAM/AIP Supplement for rwy cond.

GORDON FIELD BC — See FORT NELSON / GORDON FIELD

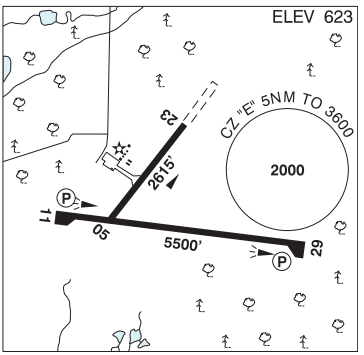
GORDON LAKE AB — CFW2

REF	N56 37 W110 30 14°E (2012) UTC-7(6) Elev 1600´ aprx A5023
OPR	Environment and Sustainable Resource Development 780-743-7125 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 15(153°)/33(333°) 2200x50 GRASS
RCR	Opr Ltd maint. No win maint.
COMM	
ATF	tfc 123.2 5NM 4600 ASL



GORE BAY-MANITOULIN ON — CYZE

REF	N45 53 03 W82 34 06 5WSW 9°W (2013) UTC-5(4) Elev 623´ A5000 A5001 LO4 HI4 HI5 CAP
OPR	Gore Bay-Manitoulin Aprt Comsn Tel/Fax 705-282-2101 APM after hrs 705-282-0882/7281/2292 Cert
PF	A-1 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 15-00Z‡ May-Oct
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF 11-23‡, issue times: 11, 14, 20Z (DT 10, 14, 20Z)
SERVICES	13-23Z‡ dly exc 25 Dec & 1 Jan O/T call out chg may be levied for one or more svcs. Courtesy car avbl.
FUEL	100LL, JA-1, SP
OIL	100, 15W50, 20W50
S	1,2,4,5,6
RWY DATA	Rwy 11(106°)/29(286°) 5500x100 ASPH Rwy 05(047°)/23(227°) 2615x50 ASPH Rwy 23 down 0.61%
RWY CERT	Rwy 11/29 AGN IIIB
RCR	Opr Ltd win maint. PLR/PCN. Rwy 05/23 No win maint.
LIGHTING	11-(TE ME) P1, 29-(TE ME) P1 ARCAL-122.8 type K
COMM	
RCO	London rdo 126.7 (FISE)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL
AWOS	128.725

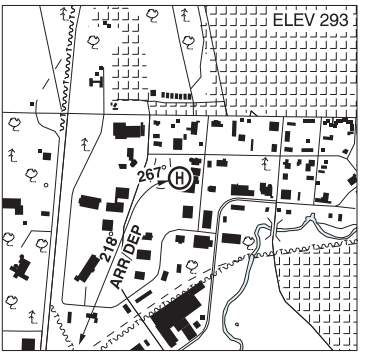


GRACE LAKE MB — See THE PAS / GRACE LAKE

GRAHAM FIELD NB — See CENTREVILLE / GRAHAM FIELD

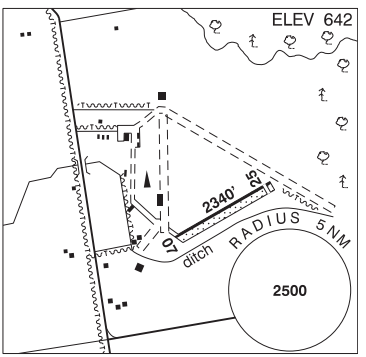
GRANBY / ARTOPEX PLUS QC (Heli) CTR4

REF	N45 23 27 W72 45 58 16°W UTC-5(4) Elev 293´ VTA A5002
OPR	Groupe Pro-Plus Inc. 450-378-0189 Fax 450-378-4003 Cert PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 62' dia ASPH/compacted SNOW Safety Area 82' dia Max heli overall length 41.5' Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3300 ASL outside Bromont MF/ATF zone
PRO	Arr/dep curved 267° thru 218° fr heli (CAR 602.96), slope 6% (H3), day use only.



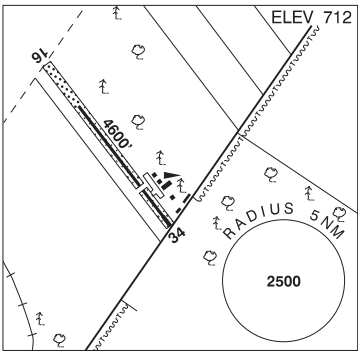
GRAND BEND ON CPL4

REF	N43 17 13 W81 42 51 2.3SE 8°W UTC-5(4) Elev 642´ A5000
OPR	Grand Bend Sport Parachuting 519-238-8610 or 519-872-6186 Reg PPR
PF	B-1,7 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL S	100LL 4,5
RWY DATA RCR	Rwy 07/25 2340x150 GRVL/ASPH Thld 25 displ 100' 30' ASPH northside full length. Opr No win maint
COMM ATF	tfc 123.2 5NM 3600 ASL
PRO	Parachute jumps to 12,500 ASL by NOTAM and on 123.2. Do not overfly A/D. Remain at least 3 NM fr A/D unless intentions announced on 123.2 due to possible conflicts with parajump act.
CAUTION	Motor vehicles may be racing on rwy, monitor ATF. CYA 529(P) within 1.5NM radius of A/D to 12,500 ASL by NOTAM. Wind turbines to 1287 ASL S and E of A/D. Wind turbines to 1232 ASL aprx 6NM NNE of A/D, all quadrants.



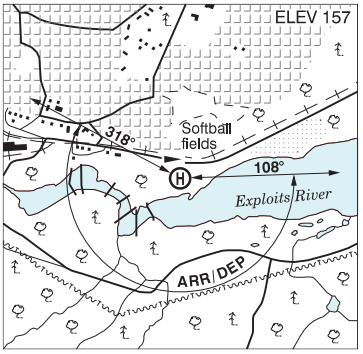
GRAND FALLS NB — CCK3

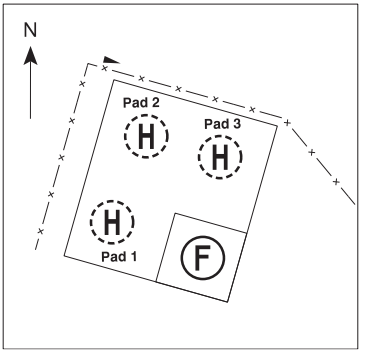
REF	N47 04 30 W67 41 06 2.6NE 18°W (2015) UTC-4(3) Elev 712´ A5002 A5003 LO8
OPR	Grand Falls Avn 506-473-2566 Reg
PF	B-1,5 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.



SERVICES	
FUEL	100LL, JA
OIL	All
RWY DATA	Rwy 16/34 4600x75 ASPH/GRVL, centre 40´ asphalt first 3300´ Rwy 34. Thld 34 displ 720´.
RCR	Opr Ltd win maint
COMM	
DRCO	(bil) Québec rdo 126.7 (FISE)
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 3700 ASL
CAUTION	Parachuting below 9500 ASL 5NM SSE.

GRAND FALLS-WINDSOR NL (Heli) — CFW8



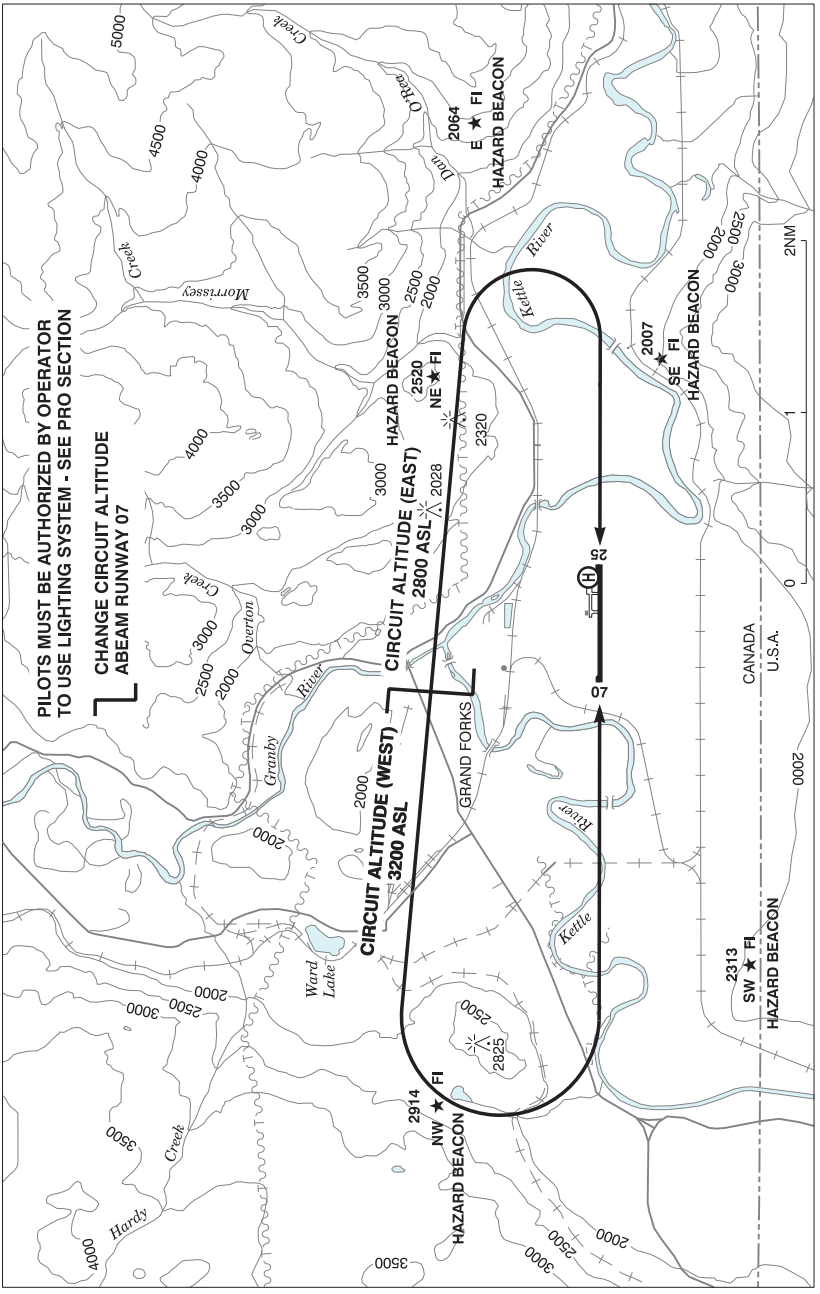


REF	N48 55 29 W55 38 50 Adj 20°W (2014) UTC-3½(2½) Elev 157' A5011 A5012
OPR	Town of Grand Falls-Windsor 709-489-0427/0430 Reg
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.

GRAND FALLS-WINDSOR NL (Heli) (Cont'd) CFW8

SERVICES **S**	4
HELI DATA **RCR**	FATO 64' x 64' ASPH Safety Area 96' x 89' Parking Pad 1: 50' dia ASPH Parking Pad 2: 50' dia ASPH Parking Pad 3: 50' dia ASPH Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 3200 ASL
PRO	Arr/dep btwn 108° & 318° fr heli.
CAUTION	Trees & brush in SE & SW arr/dep paths.

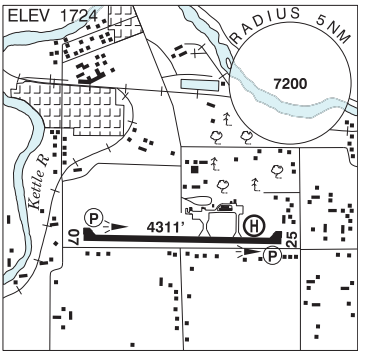
GRAND FORKS VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



GRAND FORKS BC

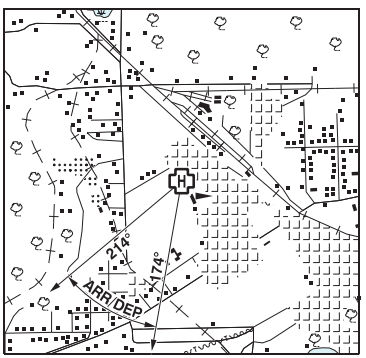
CZGF

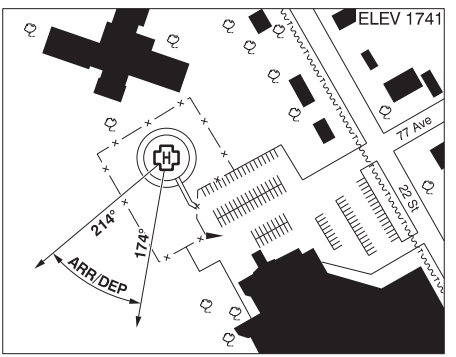
REF	N49 00 56 W118 25 50 1SSE 16°E (2013) UTC-8(7) Elev 1724´ A5005 LO2 CAP
OPR	City 250-442-8266 Reg
PF	A-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO 250-442-0043 (see COMM) WxCam
SERVICES	
FUEL	100LL, JA 250-443-4183
OIL	80, 100, 15W-50
S	1,3,4,5
RWY DATA	Rwy 07(074°)/25(254°) 4311x100 ASPH Rwy 25 up 0.78% AGN IIIA
RCR	Opr Ltd win maint 1500-2330‡ Mon-Fri exc hols. O/T 2 hrs PN. Call out chg may be levied.
LIGHTING	07-(TE ME) P1 4°, 25-(TE ME) P1 4° ARCAL-123.2 type K key mic 5 times to activate. Ngt use only. See PRO.
COMM	
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 4700 ASL
AUTO	122.55
PRO	Only pilots auth by the Aprt Opr in accordance with the Aprt Ops Manual can use the aprt dur hrs of darkness. Ngt circuit alt W 3200 ASL, E 2800 ASL. See VTPC ngt circuit pro. Rgt hand circuits Rwy 25 (CAR 602.96).
CAUTION	Remotely Piloted Aircraft (RPA) ops in vic, N of rwy and radio ctl acft flying, monitoring ATF.



GRAND FORKS (BOUNDARY HOSPITAL) BC (Heli)

CGF4





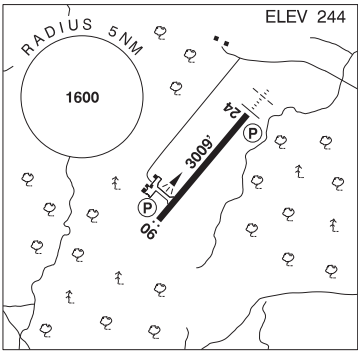
REF	N49 01 50 W118 28 12 Adj 16°E (2014) UTC-8(7) Elev 1741' A5005
OPR	Boundary Hospital 250-443-1678 Cert PPR
PF	A-1,4 C-2,3,5,6

GRAND FORKS (BOUNDARY HOSPITAL) BC (Heli) (Cont'd) CGF4

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
COMM	
RCO	Pacific rdo 125.85 (FISE) 126.7(bcst)
ATF	Grand Forks tfc 123.2 5NM centred on Grand Forks A/D 1.8NM ESE 4700 ASL
PRO	Arr/dep btwn 174° - 214° fr heli, Slope 8% (H3), day only (CAR 602.96).
CAUTION	Marked P-Line 345' NE to SW of heli 41 AGL, 2 prkg lgts and windsock 160' SE of heli.

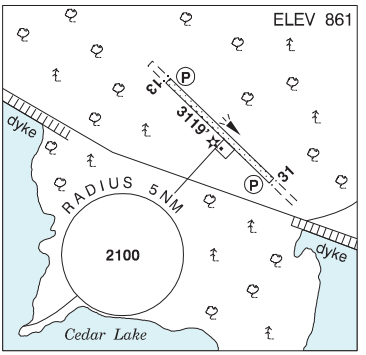
GRAND MANAN NB CCN2

REF	N44 42 48 W66 47 49 2NW 17°W (2013) UTC-4(3) Elev 244´ A5003 LO8 CAP
OPR	Grand Manan Aprt Comsn 506-662-7059 Reg
PF	B-1 C-2,4,5,6
CUST	AOE/15 888-226-7277 1230-1600Z‡ Mon, Wed, Fri
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	AUTO 506-662-7125 H24 (see COMM)



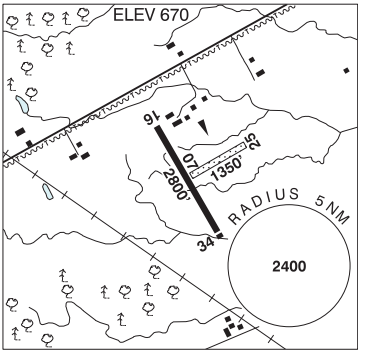
RWY DATA	Rwy 06(056°)/24(236°) 3009x75 ASPH Rwy 06 down 0.54% AGN IIIA
RCR	Opr Ltd win maint PN
LIGHTING	06-AS(TE ME) AP, 24-AR(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3200 ASL
AUTO	122.175
CAUTION	Watch for wildlife on rwy.

GRAND RAPIDS MB — CJV8



REF	N53 10 21 W99 19 23 2W 5°E (2013) UTC-6(5) Elev 861´ A5016 LO4 CAP
OPR	Manitoba Hydro 204-639-4121/4131 Fax 204-639-4101 Reg PPR
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO 204-639-4116 (see COMM)
RWY DATA	Rwy 13(130°)/31(310°) 3119x75 GRVL AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	UNICOM 122.8 5NM 3900 ASL
AUTO	129.175
CAUTION	Lgtd twr 1087 ASL (321 AGL) 1.4NM SE of A/D.

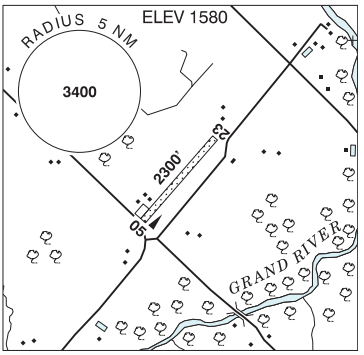
GRAND RIVER EXECUTIVE AIRPORT ON — CPP6



REF	N43 02 15 W79 51 09 1.7ENE York 10°W UTC-5(4) Elev 670´ VTA A5000
OPR	Near North Aviation 905-679-5577 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 16/34 2800x35 asphalt Thld 34 displ 100´
	Rwy 07/25 1350x100 GRASS
RCR	Opr Ltd win maint. Rwy 07/25 may be soft in spring.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL 13-23Z‡
OIL	15W50, W100 plus
COMM	
ATF	tfc 123.2 5NM 3700 ASL
CAUTION	P-line 30 AGL along road aprx 230´ fr Thld 16. Scrub trees about 40´ high aprx 75´ fr Thld 07. Ditch at Thld 34. Rdo ctl model acft activity Mon-Fri, daylight hrs, rdo ctl ops 123.2.

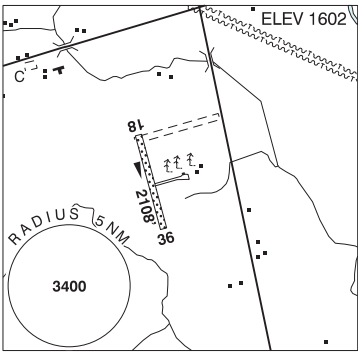
GRAND VALLEY (BLACK FIELD) ON CGV5

REF	N43 51 36 W80 17 19 2.6SE 10°W UTC-5(4) Elev 1580' VTA A5000
OPR	John and Marlene Black 519-928-5359, 519-939-1088 Reg PN
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(051°)/23(231°) 2300x70 GRASS Opr May-Oct ltd hrs No win maint Rwy soft in spring
COMM ATF	tfc 123.2 3NM 4600 ASL
CAUTION	Marked hydro lines across fr Thld 05. Grand Valley (Martin Field) ON 1NM NNE.



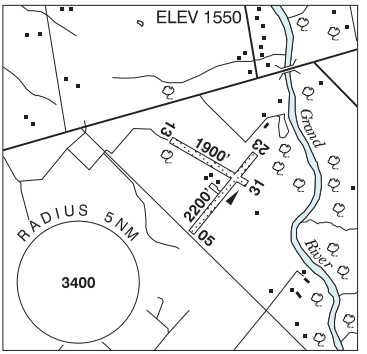
GRAND VALLEY / LUTHER FIELD ON CGV2

REF	N43 58 34 W80 23 16 6NNW 10ºW UTC-5(4) Elev 1602' VTA A5000
OPR	Jon & Kay Welch 519-928-2542 Reg PN
PF	B-1,5 D-2,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 18(178º)/36(358º) 2108x70 GRASS Opr No win maint
COMM ATF	tfc 123.4 2NM 4700 ASL
PRO	Rgt hand circuits Rwy 18 (CAR 602.96).
CAUTION	Hydro twrs aprx 150 AGL 3000'-3500' E & N of A/D.



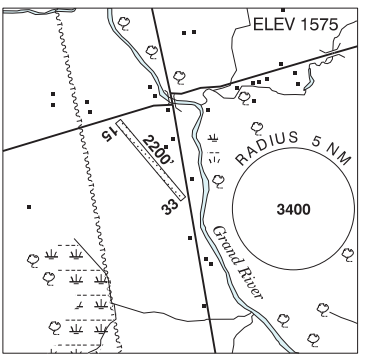
GRAND VALLEY (MARTIN FIELD) ON — CGV6

REF	N43 52 29 W80 17 12 2SE 10°W UTC-5(4) Elev 1550' VTA A5000
OPR	Don Martin 905-699-7991 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 05(049°)/23(229°) 2200x75 GRASS Rwy 13(130°)/31(310°) 1900x75 GRASS
RCR	Opr No win maint. Rwy soft in spring.
COMM **ATF**	 tfc123.2 2NM 4600 ASL



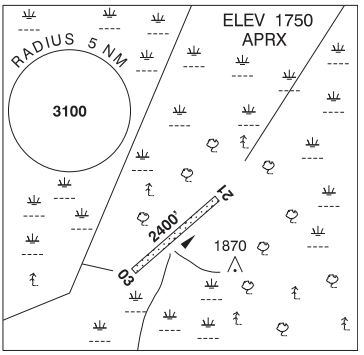
GRAND VALLEY NORTH ON — CGV3

REF	N43 57 45 W80 21 15 5NNW 10ºW UTC-5(4) Elev 1575' VTA A5000
OPR	Stan & Sheila Vander Ploeg 519-928-3215 Reg
PF	B-1 C-2,4 D-5,6
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **OIL** **S**	 All 1,2,4,6
RWY DATA	Rwy 15(150º)/33(330º) 2200x75 GRASS
RCR	Opr No win maint. Ski Ops.
COMM **ATF**	 tfc 123.4 2NM 4600 ASL
PRO	Dep Rwy 15 remain E of river for 1NM to avoid built up area.
CAUTION	Trees to 50 AGL at Thld 15. High Intensity P-Line aprx 160 AGL W of rwy. Wind turbines 455 AGL 0.5NM E of A/D.

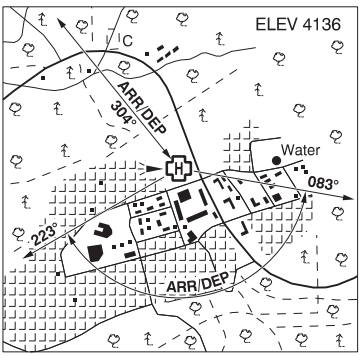


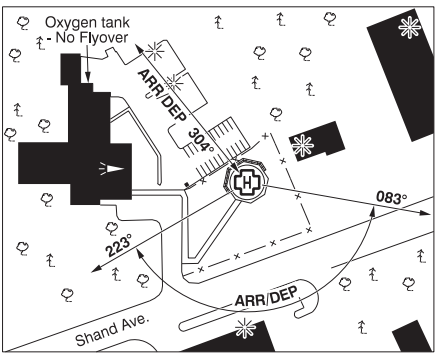
GRANDE AB — CFA5

REF	N56 18 W112 14 15°E (2012) UTC-7(6) Elev 1750´ aprx A5015 A5023
OPR	Environment and Sustainable Resource Development 780-743-7125 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 03(034°)/21(214°) 2400x100 GRASS
RCR	Opr Ltd maint. No win maint.
COMM ATF	tfc 123.2 5NM 4800 ASL



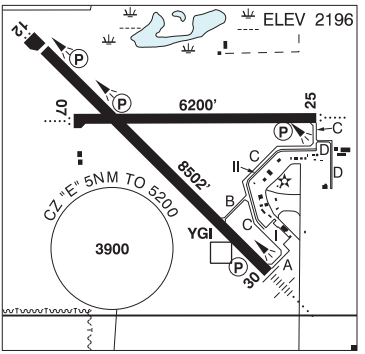
GRANDE CACHE (COMMUNITY HEALTH COMPLEX) AB (Heli) — CGC3





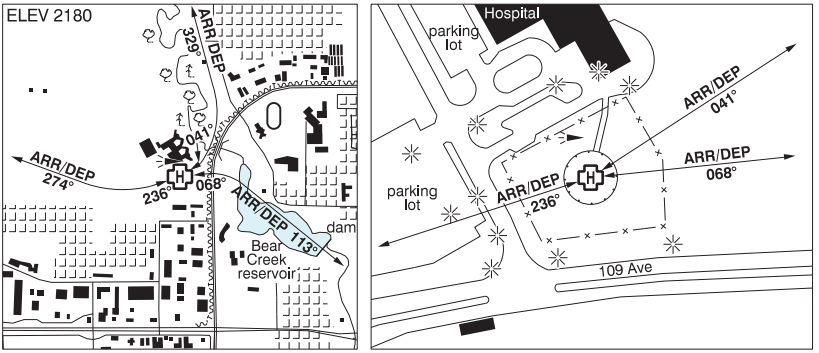
REF	N53 53 28 W119 07 08 Adj NNW 17°E (2016) UTC-7(6) Elev 4136´ A5014
OPR	Alberta Health Services 780-783-0003 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6,7,8
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia elevated non-supporting TLOF 57' dia CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RY(LO) LED ARCAL-123.5 type J
COMM ATF	tfc 123.2 5NM 7100 ASL
PRO	Arr/dep 083° to 223° fr heli (H1) & 304° fr heli slope 12% (H2). NVIS rqrd for ngt use, all flt paths (CAR 602.96). No flt over oxygen tank adj NW of heli.
CAUTION	Lgtd twr 4314 ASL (197 AGL) 0.1NM NNW of heli. Trees N of heli. Multiple lamp posts in vic of heli.

GRANDE PRAIRIE AB — CYQU



REF	N55 10 55 W118 53 14 3WNW 18°E (2013) UTC-7(6) Elev 2196' A5014 LO1 HI3 CAP
OPR	Grande Prairie aprt comsn 780-539-5270 Cert Ldg fees
PF	A-1,2,3,6 avbl 13-05Z‡ C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	
FUEL	100LL, JA, JA-1(FSII avbl), JB, SP
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 6 1200-0530‡ for sked pax flt that provide 30 day advance sked only. All other flt 3 hr PN, cost recovery.
SUP FL	D & A - ice
PVT ADV	Happy Gas 122.7 780-532-2878
MIL CON	Happy Gas 780-532-2878
RWY DATA	Rwy 12(117°)/30(297°) 8502x148 ASPH Thld 12 displ 400' Rwy 07(072°)/25(252°) 6200x200 ASPH
RWY CERT	Rwy 30 RVR 1200(1/4sm) Rwy 12/30 AGN IV Rwy 07/25 AGN IV
TWY	Twy D AGN II No vehicle ctl on all twys.
APRON	ATB Apron: Aircraft parking stands with painted numbers require marshall in and push-back out. No exceptions. Heli not permitted on main apron. PPR pvt acft.
RCR	Opr Win maint AMSCR/CRFI avbl 1200-0530‡ Nov 1-Mar 31 O/T 2hr PN call out chg. PLR/PCN
LIGHTING	07-AO(TE ME) P2, 25-AO(TE ME) P2, 12-AS(TE HI) P2, 30-AN(TE HI) P2
COMM	
RADIO	118.1 (V) (emerg only 780-539-5185)
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATIS	128.6
CLNC DEL	121.9 PTC avbl ltd hrs
MF	rdo 118.1 5NM 5200 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.5
NAV	
VOR/DME	YQU 113.1 Ch 78 N55 10 27 W119 01 46 (2500')
DME	YGI 114.6 Ch 93 N55 10 30 W118 52 53 (2215')
ILS	IQU 109.9 (Rwy 30) LOC reliable only within 10° either side of centreline.
CAUTION	Acft to avoid overflying Flyingshot Lake aprx 2NM SSE Thld 30. Trumpeter Swan nesting area.

GRANDE PRAIRIE (REGIONAL HOSP) AB (Heli) CGP4

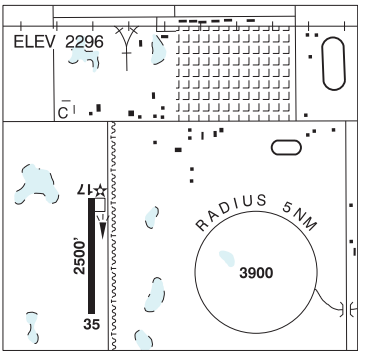


REF	N55 10 47 W118 49 27 Adj NW 16°E (2022) UTC-7(6) Elev 2180' A5014
OPR	Grande Prairie Regional Hosp 888-999-3770 Cert NVIS OPS AUTH PPR
PF	A-1,2,4,7,8 C-3,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	RW(ME) yellow LED
COMM **MF**	Grande Prairie rdo 118.1 5NM centered on Grande Prairie A/D 2.2NM WSW 5200 ASL (CAR 602.98)
PRO	Arr/dep curved 041° to 329° fr heli, slope 6% (H3), day/ngt use (CAR 602.96). Arr/dep curved 068° to 113° fr heli, slope 16% (H2), day/ngt use (CAR 602.96). Arr/dep curved 236° to 274° fr heli, slope 16% (H2), day/ngt use (CAR 602.96).
CAUTION	Marked and lgtd P-lines & street lamp posts on three sides of heli. Lgtd hosp bldg N of heli. Ext bird activity in vic of heli.

GRANT QC — See ST-MATHIAS / GRANT

GRAVELBOURG SK — CJM4

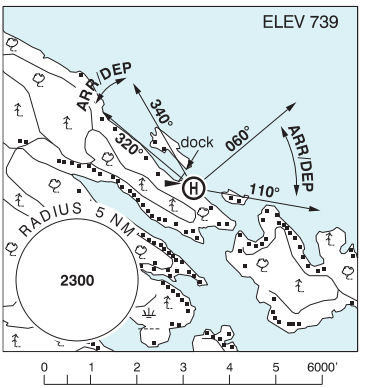
REF	N49 52 W106 34 1SW 12°E UTC-6 Elev 2296´ A5006
OPR	Town 306-648-3301 Reg
PF	C-2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	For svcg 306-648-2246 100LL All 4,5,6
RWY DATA **RCR**	Rwy 17(168°)/35(348°) 2500x75 ASPH Opr



LIGHTING	17-(TE LO), 35-(TE LO) SS-SR with photo cell.
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 5300 ASL

GRAVENHURST (PR MUSKOKA) ON (water aerodrome) — CGV4

REF	N44 57 22 W79 24 43 2.2NNW 10°W (2024) UTC-5(4) Elev 739' A5000
OPR	1000363870 Ontario Inc. 416-605-3391 Reg PPR A/D open Apr 1–Dec 15
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA
HELI DATA **RCR**	FATO/TLOF 20' X 20' WOOD Elevated floating helideck. Max heli overall length 39' Opr No win maint.
A/D DATA **DOCKS**	Open water Apr 1–Dec 15 Dock and floating helideck, depth 7', sand & stone bottom.

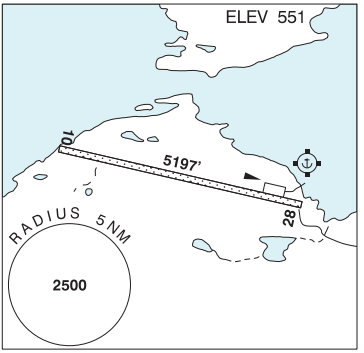


COMM **RCO** **MF**	Timmins rdo 122.3 (RAAS) London 123.475 (FISE) 126.7(bcst) (RAAS and FISE RCOs may not be receivable on ground. See Lake Muskoka VTPC.) Timmins rdo 122.3 5NM centred on Muskoka A/D 4.6NM E 3900 ASL (CAR 602.98)
PRO	Arr/dep 060° to 110° and 320° to 340° fr heli.
CAUTION	Summer boat tfc.

GREAT BEAR LAKE NT

CFF4

REF	N66 42 11 W119 43 02 1S 19°E (2021) UTC-7(6) Elev 551´ A5035 LO5
OPR	Plummers Great Bear Lake Lodge 204-774-5775 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 10(099°T)/28(279°T) 5197x100 GRVL Rwy 10 up 0.71% Opr No win maint
COMM **ATF**	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3600 ASL

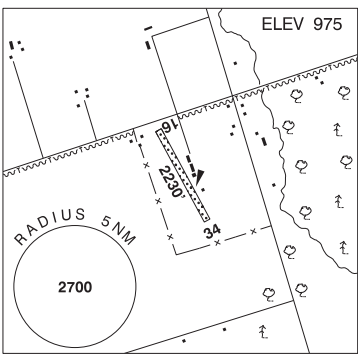


GREATER MONCTON ROMÉO LEBLANC INTL NB — See MONCTON / GREATER MONCTON ROMÉO LEBLANC INTL

GREENBANK ON

CNP8

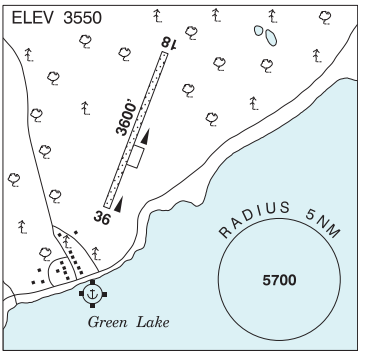
REF	N44 08 03 W79 00 45 1S 11°W UTC-5(4) Elev 975´ VTA A5000
OPR	Greenbank Airways Ltd 905-985-4777 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **S**	4,5,6
RWY DATA **RCR**	Rwy 16/34 2230x80 GRASS Opr 12-22Z‡. Rwy 16/34 ltd win maint. Rwy soft after heavy rain and in spring. Ctc opr.
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.725 3NM 4000 ASL
PRO	Rgt hand circuits Rwy 16 (CAR 602.96). Avoid flying over town of Greenbank.
CAUTION	Seagrave/North Port land & water A/D aprx 4NM ENE.



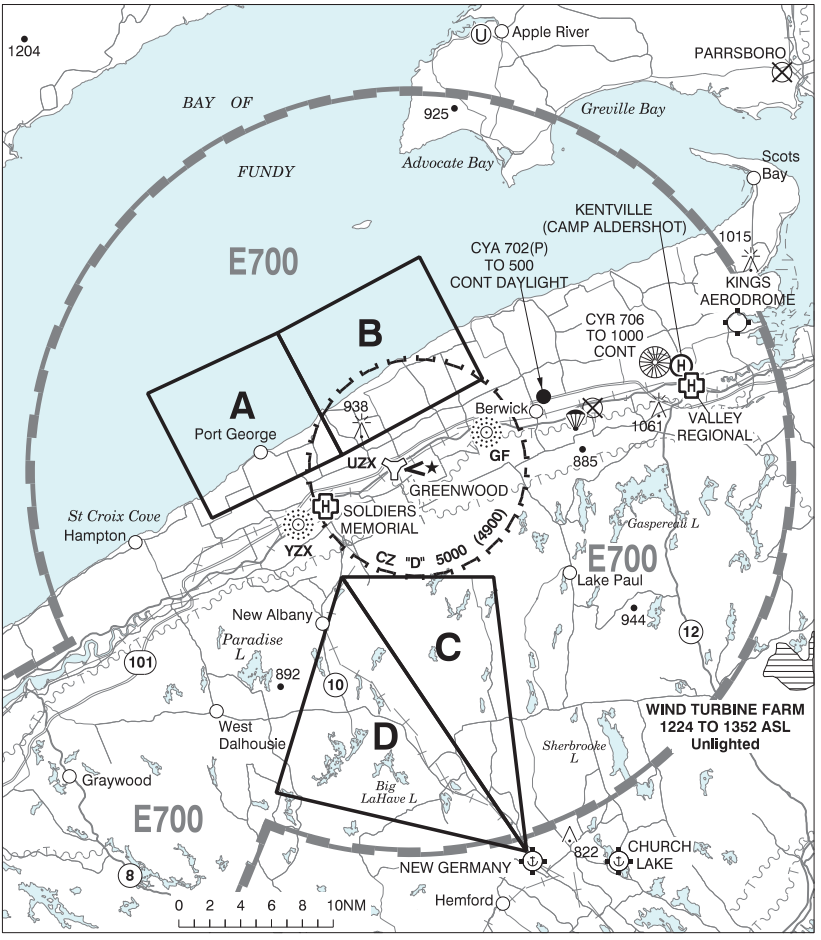
GREEN LAKE BC

CBG2

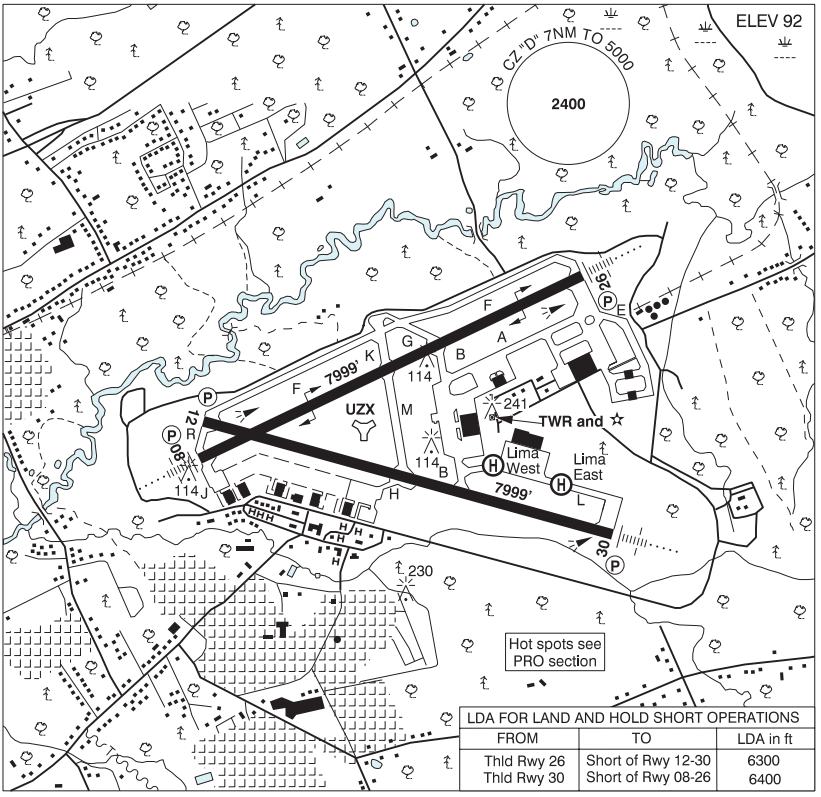
REF	N51 25 46 W121 12 35 0.5E 17°E (2015) UTC-8(7) Elev 3550´ A5004
OPR	Flying U Guest Ranch 250-456-7717 Reg PPR
PF	B-1,2,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	4,5
RWY DATA **RCR**	Rwy 18/36 3600x40 GRASS Opr Apr 1-Nov 1 No win maint. Rwy lower in ctr.
COMM **ATF**	tfc 123.2 5NM 6600 ASL
PRO	Arr Rwy 36, dep Rwy 18.
CAUTION	Unprepared rwy shoulders. Trees 60´ high 50´ fr centreline along N end of rwy.



GREENWOOD VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



GREENWOOD NS CYZX



REF	N44 59 03 W64 55 03 1.5E 17°W (2022) UTC-4(3) Elev 92' A5003 LO8 HI6 CAP
OPR	DND PPR rqrd for non CF acft, 24 hrs PN thru Wg Ops, 902-765-1494 Ext 5457 CSN 319-568-5457/5469 Mil Fax DND 902-765-5492, CSN 319-568-5492 Ldg & hdlg Fees
PF	B-1 D-2,3,4,5,6
CUST	AOE/M Ctc 14 OSS Duty Officer for a form & further info if rqrd. 902-765-1494 ext 5457, CSN 319-568-5457/5469 Fax 5492 1200-2100Z‡ Mon-Fri 4hr PN Mandatory thru Wg Ops. A completed cust Pre-Arr form must be rcv by Greenwood Ops min 4 hrs prior to arr.
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
MIL	902-765-1494 Ext 5457
WX	Met brief for mil only. Lcl Met Section CSN 568-3249 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM). METAR H24. TAF dur mil flt ops, issue times depending on mil requirements.

GREENWOOD NS (Cont'd) CYZX

SERVICES	PPR rqrd for non CF acft, 24 hr PN for all acft thru Wg Ops. 902-765-1494 Ext 5457 or CSN 319-568-5457/5469. Tran svcg very ltd (mil acft only).
FUEL	F-34
OIL	All 128, 148, 156 ltd supply
ARFF	CAT 6
SUP FL	LHOX LOX D-Ice PRESAIR, D-Ice type 1 & IV must be arng thru Wg Ops 902-765-1494 ext 5457 or CSN 319-568-5457
JASU	CE12, 13, 16 MA-1A
MIL ADV	Greenwood Wg Ops 308.6 all mil acft advs ramp time, requirements 20 min prior ldg. Acft requiring gnd wash fac advise line servicing freq 308.6 dur taxi. Tusker Ops 129.775 1130-20Z‡ Mon-Fri exc hol. Eagle ops 308.6 11-20Z‡ Mon-Fri exc hol.
RWY DATA	Rwy 08(081°)/26(261°) 7999x200 grooved ASPH Rwy 12(122°)/30(302°) 7999x200 ASPH RAG: Rwy 08 BAK 12/14 smart arrest retractable arrestor system (2739'); Rwy 26 BAK 12/14 smart arrest retractable arrestor system (1473'). All acft requiring cable 1 hr PN CSN 319-568-5457, 902-765-1494 Ext 5457. ABV 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turn on asphalt portions of Rwy 08/26 without perms 902-765-1494 ext 3205.
RCR	Opr CRFI Expect water on E half of Rwy 08/26 dur rain or melting snow. S100, T200, ST248, TT325. Rwy 08/26 PCN 120/F/A/X/T. Rwy 12/30 PCN 120/F/A/X/T.
HELI DATA	Lima West: 98' x 98' ASPH 100,000 lbs. Lima East: 98' x 98' ASPH 100,000 lbs
LIGHTING	08-AN (non-std 3000´ (1600' SF)) (TE HI) P2 rgt side only GPI 954' TCH 50', 12-(TE HI) P2 left side only GPI 954' TCH 50', 26-AN (non-std 3000' (1600' SF)) (TE HI) P2 GPI 1000' TCH 52', 30-AN (non-std 3000' (1600' SF)) (TE HI) P2 3.5° GPI 895' TCH 55'
COMM	Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS.
ATIS	128.85 244.3 11-24Z‡
CLNC DEL	128.025 283.9
GND	133.75 289.4
TWR	119.5 236.6 324.3 (E)
TML	120.6 335.9 (E)
PMSV	344.6 ltd hrs
NAV	
NDB	YZX 266 (M) N44 55 22 W65 06 07 AYLESFORD GF 341 (L) N45 01 26 W64 48 37
TACAN	UZX 117.6 Ch 123 N44 59 00 W64 55 11 (117') Preventive maint first Wed every month 12-20Z‡.
ILS	IZX 110.7 (Rwy 26) (LOC back course Rwy 08 avail mil use only) RVR. Preventive maint second Wed every month 12-20Z‡.
PAR	118.1 258.6 283.9 378.5 (E) 12-24Z‡ Radar svcs only avbl to transponder equipped acft. Preventive maint third Wed every month 12-20Z‡.

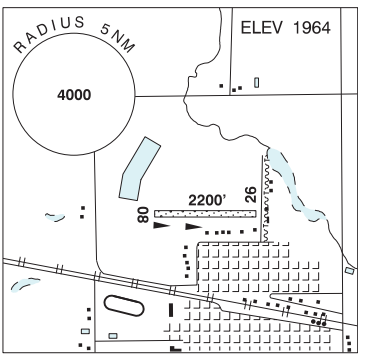
GREENWOOD NS (Cont'd) CYZX

PRO	Tfc Ptns; convl 1500 ASL exc lgt acft 1100 ASL (Daylight hrs only), Jet 2000 ASL overhead breaks-away fr the TWR for all rwys, max 300 kt at initial. Glider activity to 3000 A/D north to Hwy 101. Moderate to severe turbulence & wind shear may be experienced to apch to Rwys 12 & 30 dur cond of high sfc winds. Unmarked fur farm lctd N44 51 24 W65 10 18 (UZX 252R/13.1 DME), elev 580 ASL. Acft requested to remain outside 2NM and/or overfly min 2000 ASL. CYZX Radar Square Pro (issued by ATC as a dep or missed apch clnc) Square 08 - Climb 3000, clnc limit XESOX, after completion of the dep or published missed apch RWY 08, LEFT Turn Hdg 360° expect vectors. Square 26 - Climb 3000, clnc limit GOXID, after completion of the dep or published missed apch RWY 26, RIGHT Turn Hdg 360° expect vectors. Square 12 - Climb 3000, clnc limit KEPKA, after completion of the dep or published missed apch RWY 12, RIGHT turn Hdg 180° expect vectors. Square 30 - Climb 3000, clnc limit ILEVU, after completion of the dep or published missed apch RWY 30, LEFT turn Hdg 180° expect vectors. Pilots are advised to listen to CYZX ATIS prior to contacting CYZX Twr for status of Twr / Advsy svcs. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
NOISE ABATEMENT	Arr Rwy 12 rstd unless operationally necessary. Dep/low apch Rwy 30 rstd for high performance acft unless operationally necessary. Pilots must obtain start clnc from twr/gnd ctl before commencing engine start.
CAUTION	Painted & lgtd twr 895 ASL (325 AGL) 2.7NM S; loc in VFR tfc ptn of Rwy 30. During periods of hvy rain, Twy Foxtrot west of Kilo south of centerline and Rwys 08/26 on both side of centerline experience excessive pooling. Pooling areas are as deep as 1/4 inch. Extensive bird activity direction S to N dawn / N to S dusk, on western half of A/D, Oct-Mar.

GRENFEL FIELD ON — See BARRIE / GRENFEL FIELD

GRENFELL SK CKU6

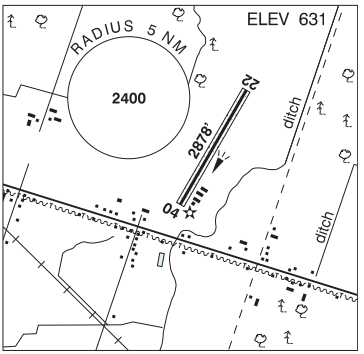
REF	N50 25 09 W102 56 07 0.3N 8°E (2015) UTC-6 Elev 1964´ A5006
OPR	Town 306-697-2815 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	5
RWY DATA **RCR**	Rwy 08(082°)/26(262°) 2200x100 GRASS Opr No win maint. Rwy ruf.
COMM **ATF**	tfc 123.2 5NM 5000 ASL
PRO	Rgt hand circuits Rwy 26 (CAR 602.96).



GRIMSBY REGIONAL AIRPORT ON

CNZ8

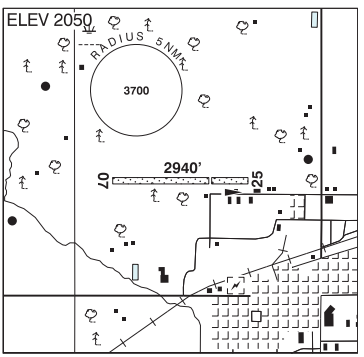
REF	N43 09 32 W79 36 00 10°W UTC-5(4) Elev 631´ VTA A5000
OPR	2222868 Ontario Inc. 905-945-6161 Reg PPR
PF	B-7,8 C-1,2,3,4,5,6
CUST	AOE/CAN
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	Cash only 100LL All 1,2,3,4,5
RWY DATA RCR	Rwy 04(036°)/22(216°) 2878x75 GRVL/ASPH, centre 40´ asphalt Opr Ltd win maint
LIGHTING	04-(TE LO), 22-(TE LO) ARCAL-123.35 type J
COMM ATF PAL	 UNICOM ltd hrs O/T tfc 123.35 5NM 3600 ASL Toronto Ctr 119.7 (Hamilton) May not be receivable on ground



GRIMSHAW AB

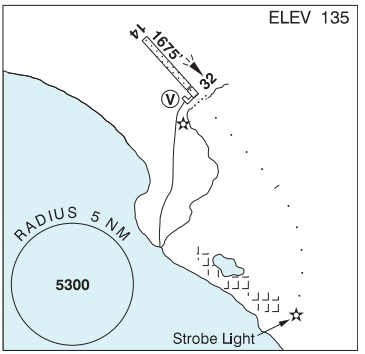
CFD5

REF	N56 11 46 W117 37 31 Adj NW 16°E (2020) UTC-7(6) Elev 2050' A5014 A5022
OPR	Grimshaw Flying Club 780-332-4471/4481 Darren Kuester 780-332-1026 Reg
PF	C-2,3,4,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(074°)/25(254°) 2940x75 GRASS/SNOW Thld 25 displ 920' Opr Ltd maint Rwy rough
COMM ATF	 tfc 122.0 5NM 5100 ASL



GRISE FIORD NU — CYGZ

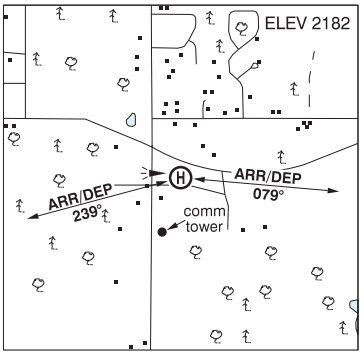
REF	N76 25 33 W82 54 29 37°W (2021) UTC-5(4) Elev 135' A5047 A5049 LO9 RCAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-980-9946 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS

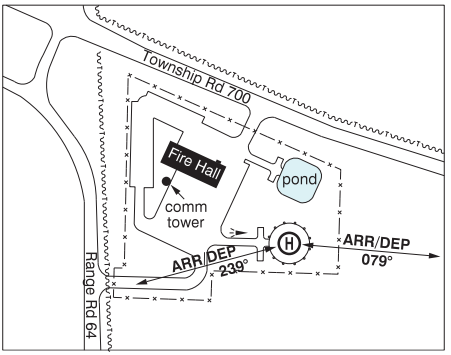


SERVICES	Call out chg may be levied outside oprg hrs.
FUEL	JA-1 1330-23Z‡ Mon-Sat exc hols O/T call out chg PN ctc 867-980-4050/4144 or Fax 867-980-4041 Credit cards accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
S	6
RWY DATA	Rwy 14(138°T)/32(318°T) 1675x75 GRVL Thld 32 displ 113' Rwy 32 up 0.47%
RCR	Maint contractor 867-980-9946/9959. A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	14-(TE LO), 32-AJ (non-std curved) (TE LO) V1 (non-std Outer VASIS lgts angled with a 15° right offset visible at start of curved apch lgts. (See PRO)) ARCAL-122.1 key mic 3 times in 5 sec for all A/D lgt for 15 min duration.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-21Z‡ Mon, Tue, Thu & Fri, 17-01Z‡ Wed, exc federal observed hols.
PRO	Crews must be familiar with A/D environment due surrounding precipitous terrain & variable lcl cond. Apch Rwy 32: Intercept apch lighting at hdg 009°T, curve left to rwy hdg 318°T. If ldg not assured by overshoot bar (1000' fr thld), immediately climb left turn to hdg 187°T. Acft must park SE side of apron, close to tml bldg, at least 60m fr rwy centerline to remain outside rwy strip.
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5′ outside rwy edge). Possible low-level wind shear with N and W winds. Extv migratory bird activity May-Oct.

GROUP CAPTAIN R.W McNAIR AB — See COLD LAKE/GROUP CAPTAIN R.W McNAIR

GROVEDALE FIRE HALL AB (Heli) CGR8

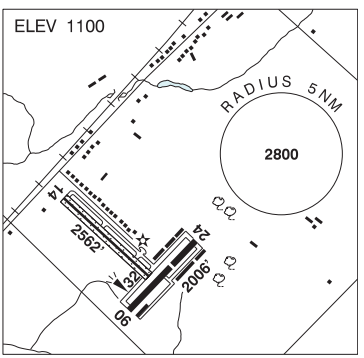




REF	N55 01 18 W118 51 43 Adj SE 16°E (2024) UTC-7(6) Elev 2182' A5014
OPR	M.D. Greenview No. 16 780-524-7600 Reg PPR
PF	B-7,8
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 130' dia ASPH Safety Area 173' dia Max heli overall length 86' Opr
LIGHTING	RW(ME) green LED RF(FL) ARCAL-123.050 type J
COMM **ATF**	tfc 123.2 5NM 5200 ASL excluding Grande Prairie CZ.
PRO	Arr/dep 079° & 239° from heli slope 16% H2.
CAUTION	Fire Hall rdo twr adj marked with obst lgts 450 AGL. Lgtd & marked twr 1200' SSW fr heli. Lamp posts W of heli. Fire Hall NW of heli. P-lines N & W of heli. Trees W and SW of heli.

GUELPH ON CNC4

REF	N43 33 49 W80 11 45 1.3NE 10°W UTC-5(4) Elev 1100´ VTA A5000 LO6
OPR	Inglis Berry 519-716-0521 or 519-829-3300 Reg
PF	B-1,2 C-3,4,5,6
CUST	AOE/15 888-226-7277 14-21Z‡ Mon-Fri exc hols
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	100LL H24 Cardlock 1,2,3,5

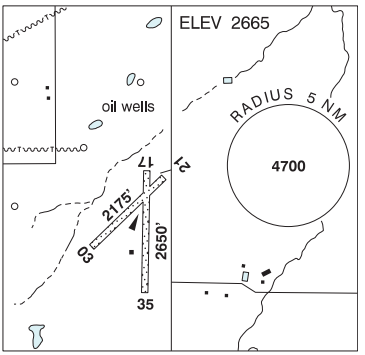


GUELPH ON (Cont'd) CNC4

RWY DATA **RCR**	Rwy 14(144°)/32(324°) 2562x100 GRASS/ASPH, centre 40´ ASPH Rwy 06(056°)/24(236°) 2006x40 ASPH Thld 24 displ 730´ Opr
LIGHTING	14-(TE LO non-std), 32-(TE LO non-std) Ngt thld 253´ fr end of Rwy 14 & 257´ fr end of Rwy 32 Only 2053' lgtd.
COMM **ATF**	UNICOM ltd hrs O/T tfc 123.0 3NM 3000 ASL
PRO	Tng Rwy 06/24 proh without prior authorization fr Transport Canada via ops specifications.
CAUTION	Trees & antennas 234´ N centreline Rwy 14/32 aprx 45 AGL. Trees 280´ S centreline Rwy 06/24 aprx 65 AGL. Trees 1260' ASL aprx 1141' before Thld 24 on extended RCL. Steep apch Rwy 24 due to pvt road, terrain, and trees. Ditch & culvert 36´ SSE thld Rwy 24. Acft flying at Waterloo Regional aprt (10NM SW of Guelph aprt) Rwy 26 inst apch may overfly Guelph aprt at 3000 ASL. Glider activity 4NM WNW wknds & hols May-Nov. Aerobatics may be in progress within 1NM radius N43 34 W80 11 (immediately SE Rwy 06/24), 500 AGL-3500 ASL, Sat & Sun.

GULL LAKE SK CJK5

REF	N50 03 28 W108 29 24 2S 12°E (2012) UTC-6 Elev 2665´ A5006
OPR	Rural Muni of Gull Lake 306-672-4430 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 17(169°)/35(349°) 2650x40 loose GRVL Rwy 03(034°)/21(214°) 2175x30 loose GRVL Opr Ltd maint. Rwy soft and not suitable for use in wet conds.
COMM **ATF**	tfc 123.2 5NM 5700 ASL



GUN LAKE BC (Heli) CGL5

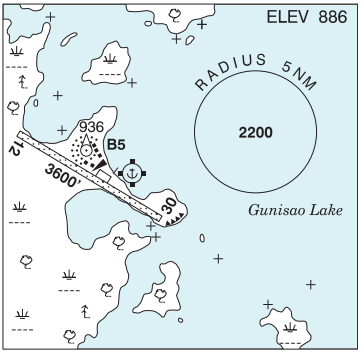
REF	N50 53 23 W122 50 48 17°E (2016) UTC-8(7) Elev 2950´ A5004
OPR	Blackcomb Aviation 604-938-1700 or 250-238-0194 Reg PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	4,6 1600-0430Z
HELI DATA **RCR**	50' x 15' CONC, 100' x 100' Heli max length 60'. Opr 250-238-0194 16-05Z

GUN LAKE BC (Heli) (Cont'd) CGL5

COMM	
ATF	tfc 123.2 2NM 4000 ASL
A/G	131.5 Ctc Gun Lake Heli 5 mins prior to ldg.
PRO	Arr/dep over water. Arr keep pink marker buoy on right, dep on left. Avoid noise sensitive areas 600' E and 1500' SW. Ltd ops to 0700-2030 lcl (1600-0430Z).

GUNISAO LAKE MB CJK2

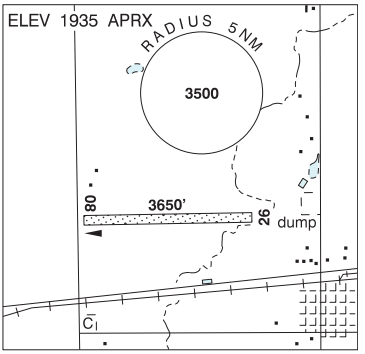
REF	N53 31 12 W96 22 16 2°E (2015) UTC-6(5) Elev 886´ A5016
OPR	Budd's Gunisao Lake Lodge Ltd 204-791-2779 or 517-676-3474 Reg PPR
PF	C-1,2,5 PN Opr May 1-Oct 1
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 12(119°)/30(299°) 3600x60 SAND/GRVL
RCR	Opr Soft spots 500´ fr each rwy thld. No win maint.



COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL
NAV	
NDB	B5 254 (L) N53 31 20 W96 22 31 Pvt Unmonitored oprg O/R May 1-Oct 1 24 hr PN
CAUTION	Only opr experienced in area should plan on using this A/D. Men & eqpt on rwy dly Apr 15-Oct 15.

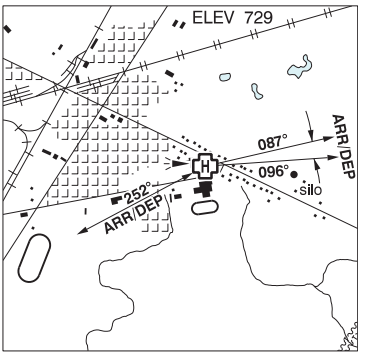
HAFFORD SK — CJC6

REF	N52 43 57 W107 22 28 1NW 11°E (2017) UTC-6 Elev 1935´ aprx A5015
OPR	Raptor Enterprises Inc. 306-497-7401, 306-260-2969 Reg PPR
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(078°)/26(258°) 3650x120 GRASS Rwy 08 slopes down. Opr No win maint
COMM ATF	tfc 123.2 5NM 5000 ASL
PRO	Rgt hand circuits Rwy 26 (CAR 602.96).
CAUTION	Trees adj to both sides of rwy. Lgtd twr 2290 ASL (365 AGL) 1.0NM SE.

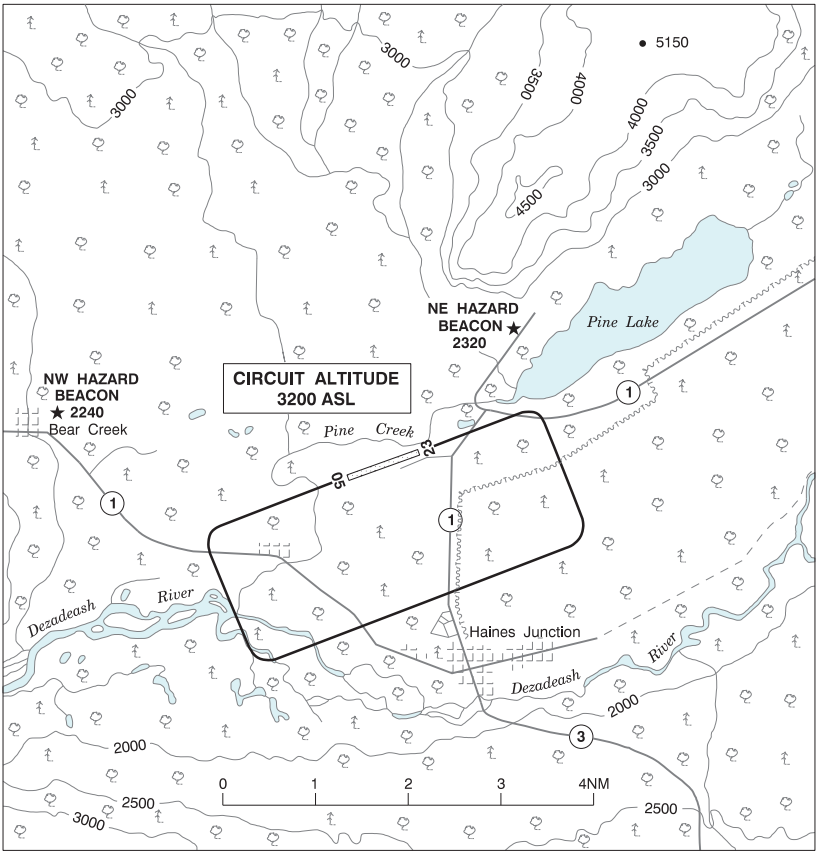


HAGERSVILLE (WEST HALDIMAND GEN HOSP) ON (Heli) — CPA6

REF	N42 57 30 W80 02 36 Adj 10°W UTC-5(4) Elev 729´ A5000
OPR	Hagersville West Haldimand Gen Hosp 905-768-3311 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ dia ASPH Safety Area 115´ dia Max heli overall length 57.4´ (CAR 602.96)
LIGHTING	RY(ME) LED
PRO	Arr/dep 087° to 096° fr heli, slope 16% (H2), day/night use (CAR 602.96). Arr/dep 252° fr heli, slope 16% (H2) day/night use (CAR 602.96).
CAUTION	Hydro lines & antenna all quadrants.

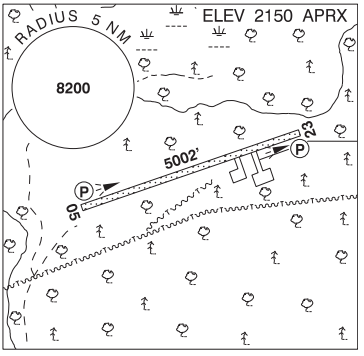


HAINES JUNCTION VFR TERMINAL PROCEDURES CHART



HAINES JUNCTION YT CYHT

REF	N60 47 22 W137 32 43 2NW 21°E (2012) UTC-7 Elev 2150´ aprx A5028 A5099 LO5 HI2
OPR	Govt of Yukon Territory, Haines Junction 867-634-2046 or 867-993-7709 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	WxCam
SERVICES	Fuel stor by permit only ctc opr
S	4,5,6

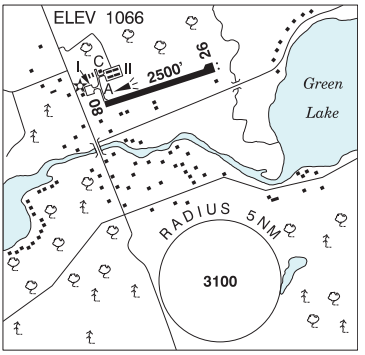


HAINES JUNCTION YT (Cont'd) CYHT

RWY DATA RCR	Rwy 05(047°)/23(227°) 5002x100 GRVL Opr Ltd maint
LIGHTING	05-(TE LO) P1, 23-(TE LO) P1 ARCAL-123.2 type J
COMM RCO ATF	 Whitehorse rdo 123.375 (FISE) 126.7 (bcst) tfc 123.2 5NM 5200 ASL
PRO	Rgt hand circuits Rwy 05 (CAR 602.96). Ngt ops - all manoeuvering S of rwy within 2NM of rwy thlds.
CAUTION	Ngt ops not recommended unless both hazard beacons oprg. Hi terrain all quads. Gnd rises sharply N of apch to Rwy 23. Only pilots familiar with lcl terrain should use aprt dur hrs of darkness.

HALIBURTON / STANHOPE MUNI ON CND4

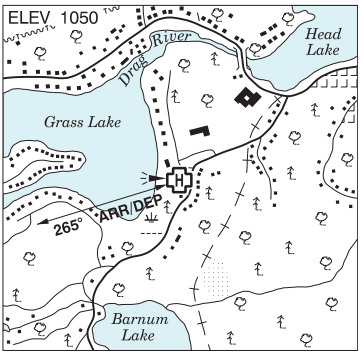
REF	N45 06 39 W78 38 24 6.9NW 12°W UTC-5(4) Elev 1066´ A5000
OPR	Township of Algonquin Highlands 705-754-2611/489-2342 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	Dur oprg hrs. Call out chg for one or more svcs may be levied after hrs. 100LL, JA-1 (FSII avbl) Cardlock on Apron All Aeroshell 2,3,4,5,6



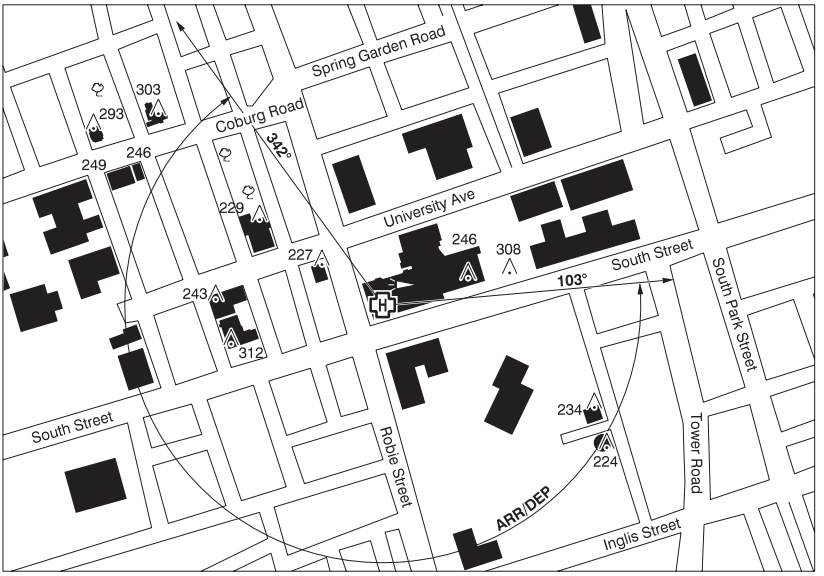
RWY DATA RCR	Rwy 08(084°)/26(264°) 2500x60 ASPH Opr 14-21Z‡ Thu-Mon Ltd win maint
LIGHTING	08(TE LO), 26-AS(TE LO) ARCAL-123.2 type J (all A/D lgt including rotating beacon)
COMM ATF	 UNICOM ltd hrs O/T tfc 123.2 5NM 4100 ASL
PRO	Municipal policy restricts ops dur period 04-12Z‡, PPR Opr.
CAUTION	Northerly winds may cause windshear dur apch/dep Rwy 26. Wildlife in vic of rwy.

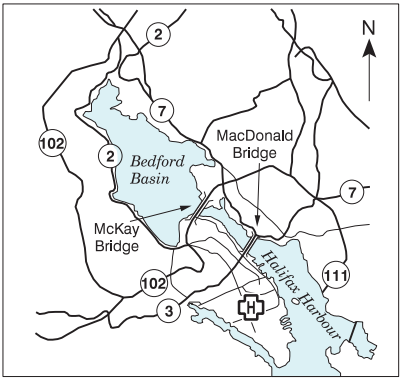
HALIBURTON (HOSP) ON (Heli) CNF2

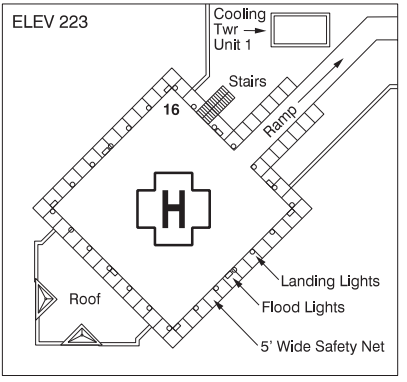
REF	N45 02 17 W78 31 49 Adj W 12°W UTC-5(4) Elev 1050´ A5000
OPR	Haliburton Hosp 705-457-1392 Ext 2225 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	86´ x 86´ ASPH 114´ x 114´ Rstd max heli length 57.5´ Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 265° fr heli, slope 8% (H3), day/night use.



HALIFAX (IWK HEALTH CENTRE) NS (Heli) CIW2





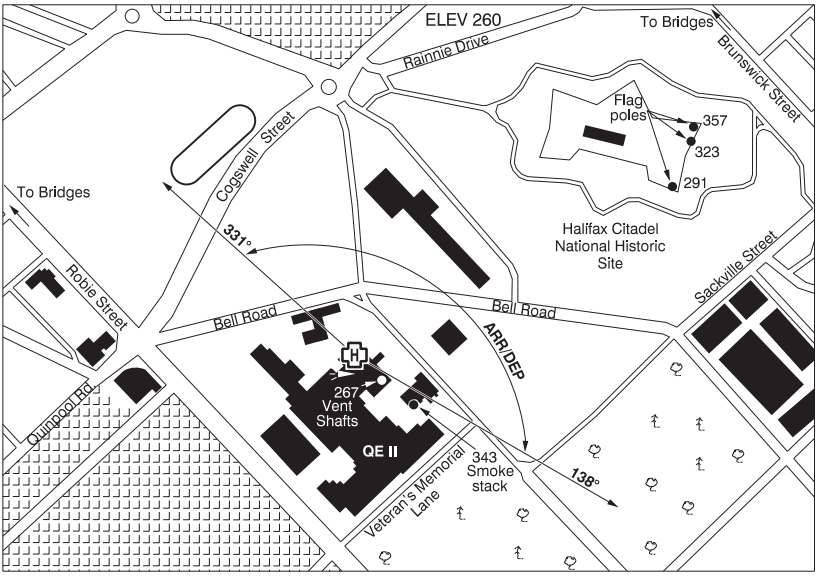


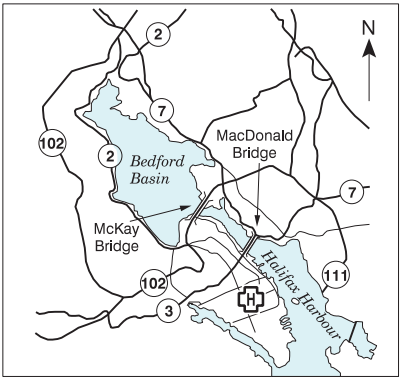
REF	N44 38 13 W63 35 04 Adj 18°W (2014) UTC-4(3) Elev 223´ A5003
OPR	IWK Health Centre 902-470-7000 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO 90' x 90' non-supporting TLOF 60' x 60' aluminum elevated/rooftop 16,000 lbs Safety Area 120' x 120' Max heli overall length 60´
LIGHTING	RY(LO) RF(FL) ARCAL-122.10 (key mic 3 times to turn on wind direction indicator & perimeter lights: 5 times to turn on floodlights: 7 times to turn off floodlights)

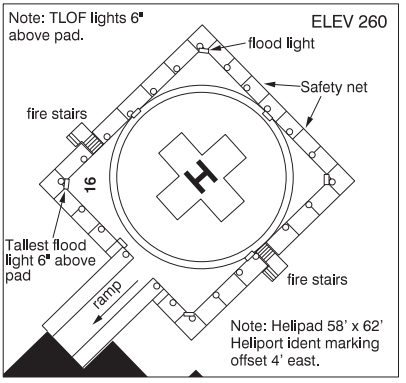
HALIFAX (IWK HEALTH CENTRE) NS (Heli) (Cont'd) CIW2

COMM	
ATIS	Shearwater 129.175 ltd hrs
MF/ATF	Shearwater Advsy ltd hrs O/T tfc 126.2 5NM centered on Shearwater Mil A/D 4NM E 3500 ASL
PRO	Arr/dep btwn 103°-342° fr heli (H1).
CAUTION	Multiple obst in vic heli; refer to sketch.

HALIFAX (QE II HEALTH SCIENCES CENTRE) NS (Heli) CHQE





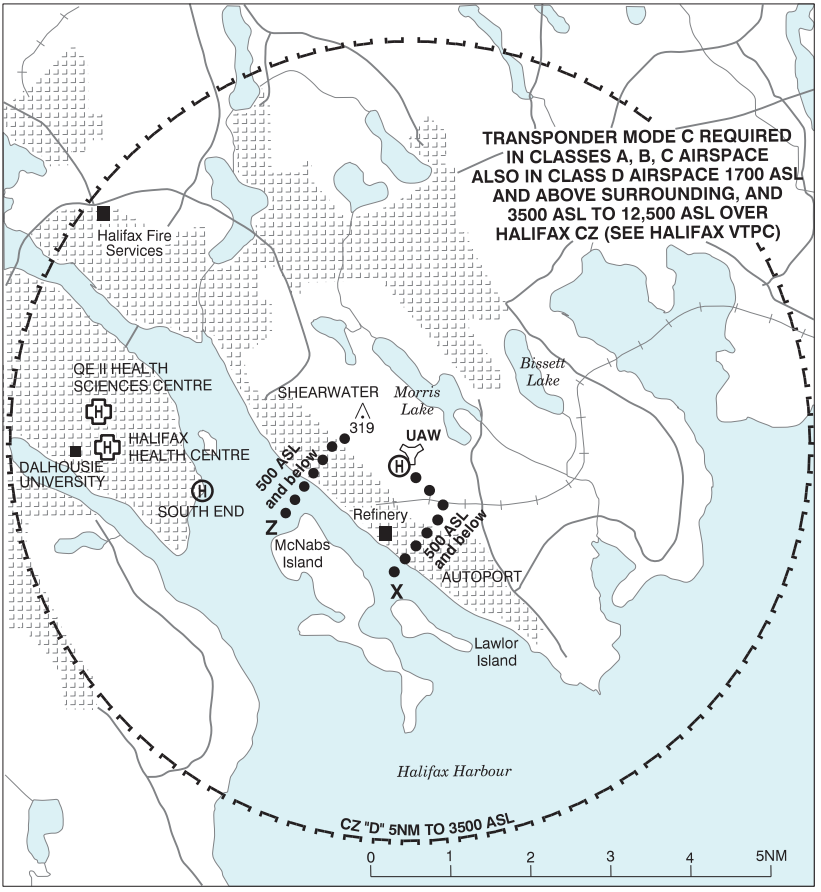


REF	N44 38 45 W63 35 12 Adj 18°W (2013) UTC-4(3) Elev 260´ A5003 CAP
OPR	Queen Elizabeth II Health Sciences Centre 902-473-1661 Cert PPR

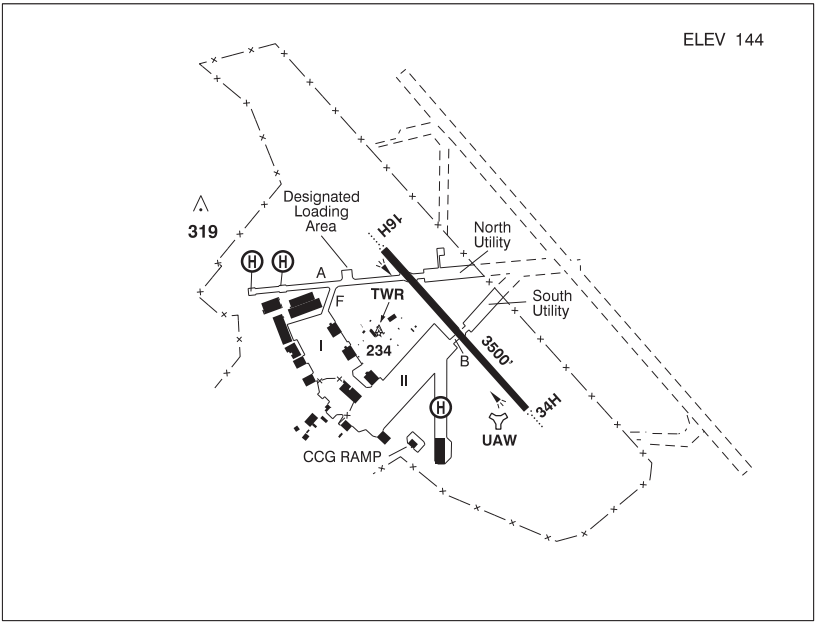
HALIFAX (QE II HEALTH SCIENCES CENTRE) NS (Heli) (Cont'd) CHQE

FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO 87' x 87' non-supporting TLOF 58´ x 62´ rooftop/metal 16,000 lbs Safety Area 116´ x 116' 16,000 lbs Max heli overall length 58´
LIGHTING	RY(LO) RF(FL)
COMM	
ATIS	Shearwater 129.175 ltd hrs
MF/ATF	Shearwater Advsy ltd hrs O/T tfc 126.2 5NM centered on Shearwater Mil A/D 4NM E 3500 ASL
PRO	Arr/dep btwn 331° to 138° fr heli (H1). Remain over circular TLOF marking when manoeuvring over helipad to ensure obstacle clnc.
CAUTION	344´ lighted smokestack close proximity of ldg pad. Non-uniform spacing of TLOF lgts. Foam nozzles 5 inches abv pad, lctd in safety netting.

HALIFAX / SHEARWATER VFR TERMINAL PROCEDURES CHART



HALIFAX / SHEARWATER NS (Heli) CYAW



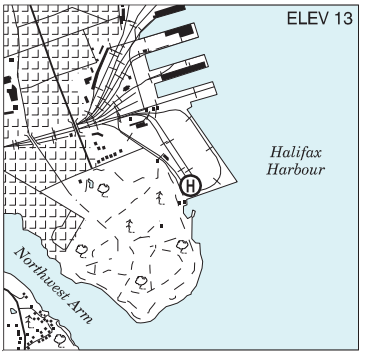
REF	N44 38 14 W63 30 08 4.5ESE 18°W (2013) UTC-4(3) Elev 144´ A5003 LO8 HI6 T2
OPR	DND 902-720-1304 and CSN 319-720-1304 Mil PPR
PF	B-1 C-2,3,4,5,6
CUST	AOE/M 12-04Z‡, 4 hrs PN mandatory thru WG Ops 902-720-1304 Ops 119.0 239.3
FLT PLN	PPR 24 hrs ntc. All mil & civ flts ctc 902-720-1304 or CSN 319-720-1304.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
MIL	PPR 24 hrs ntc all mil & civ flts ctc Wg ops 902-720-1304 or CSN 319-720-1304.
WX	Met brief for mil only. Lcl Met Section CSN 720-1312/1313 ltd hrs. O/T METOC Halifax CSN 427-6385. (See COMM). METAR dur mil flt ops. TAF dur mil flt ops, issue times depending on mil requirements.
SERVICES	MIL: All trans acft require PPR thru 12 Wg Ops. Mil Rotary Wg trans svcg ltd hrs Mon-Fri 24 hrs PN, O/T including hols 48 hrs PN thru 12 Wg Ops 902-720-1304 or CSN 319-720-1304.
FUEL	F-34, F-37
OIL	Mil 156, SOAP
ARFF	CAT 5
JASU	CE12
MIL ADV	All trans acft require PPR thru 12 Wg ops, Mil Rotary Wg trans svcg ltd hrs Mon-Fri 24 hrs PN, O/T including hols 48 hrs PN thru 12 Wg ops 902-720-1304 or CSN 319-720-1304.
PVT ADV	no fixed wing servicing

HALIFAX / SHEARWATER NS (Heli) (Cont'd) CYAW

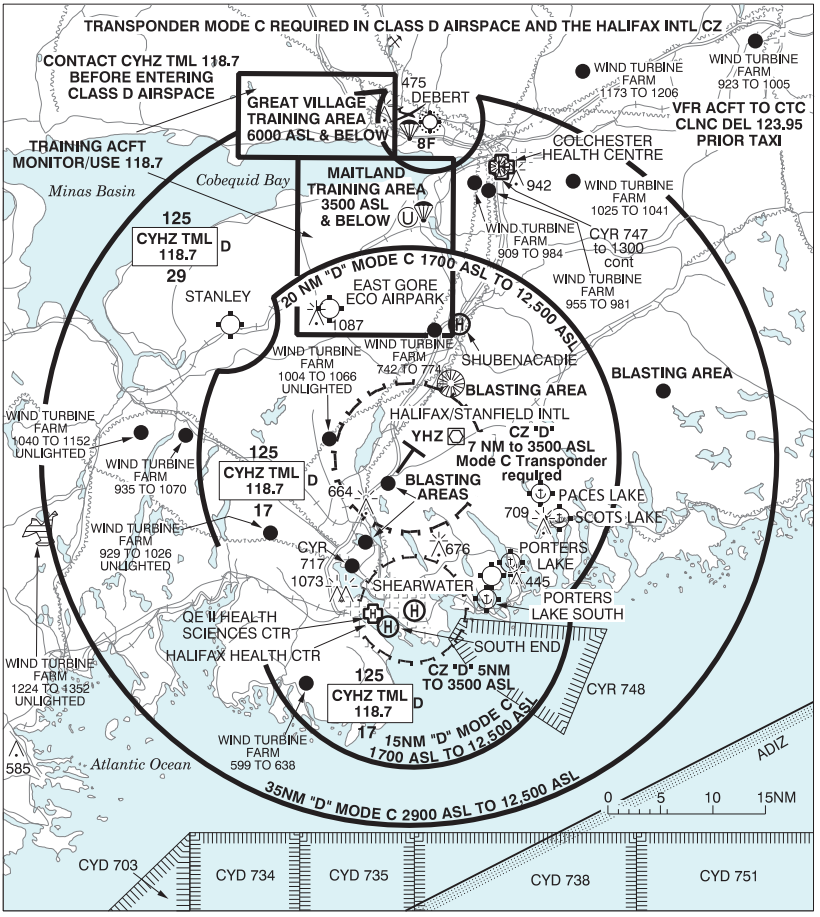
HELI DATA	FATO 16H(156°)/34H(336°) 3500' x 112' ASPH Pad 2: 111' x 111' Concrete 55,000 lbs Pad 3: 111' x 111' Concrete 55,000 lbs Pad 5: 117' x 117' Asphalt 32,120 lbs Pad 6: 117' x 117' Asphalt 32,120 lbs
RCR	Opr 12-20Z‡ Mon-Fri exc stat hols O/T ltd hrs. RSC unavailable outside hrs of ops
LIGHTING	16H-Modified AO(TE HI), 34H-Modified AO(TE HI), ARCAL-126.2 type K
COMM	Avbl 11-24Z‡ Mon-Fri, Airfield freq clsd Sat & Sun. Opr dates & hrs may vary without notice
ATIS	129.175 308.8 ltd hrs
GND	121.7 250.1 ltd hrs
MF	Shearwater advsy 126.2 119.0 340.2 360.2 (E) ltd hrs O/T tfc 126.2
PAR	128.1 134.1 289.4 346.6 (E) ltd hrs
ATF	tfc 126.2 5NM 3500 ASL when TWR clsd
ARR/DEP	119.2
MIL	Shearwater Mil 239.3 Flt following 231.95
PMSV	344.6 ltd hrs
NAV	
TACAN	UAW 110.1 Ch 38 N44 37 59 W63 30 00 (175') Unmonitored outside oprg hrs. Preventive maint 20-2359Z‡ Mon exc dur IFR.
PAR	Preventive maint 20-2359Z‡ Mon exc dur IFR.
PRO	Actual hrs of CZ ops vary, attempt to contact "AW" MFAU 126.2/340.2 prior to entry. Mil training area bounded by UAW 110R to 260R fr 15 DME to 30 DME, 500 ASL and below. Acft oprg in and above this area req to ctc Shearwater ATC on 126.2 or 231.95 for the advsy. Lcl ctl zone pro in effect. Ctc W Ops for advsy brief and PPR
HELI	Remain clear of autoport and oil refinery.
NOISE	VFR - Rgt hand circuits FATO 34H; Left hand circuits FATO 16H. Acft shall remain W of Morris Lake for noise abatement dur circuit ops.
CAUTION	Multiple cranes oprg permanently in the vicinity of N44 37 57 W63 31 35 (0.7NM W of A/D) max alt 250 MSL lgtd & unlgtd. FATO 34H trees to 186 ASL aprx 450´ left of centreline and aprx 400´ right of centreline. Periodic unsked directed bright lgt source (Light Detection and Ranging - LIDAR) lctd at Dalhousie University - safety mechanism employed (X-band radar) to ensure automatic shut-off in event acft fly within affected area. Note: No restriction to flying ops. Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1130Z & 2315Z-2330Z.

HALIFAX (SOUTH END) NS (Heli) CHS7

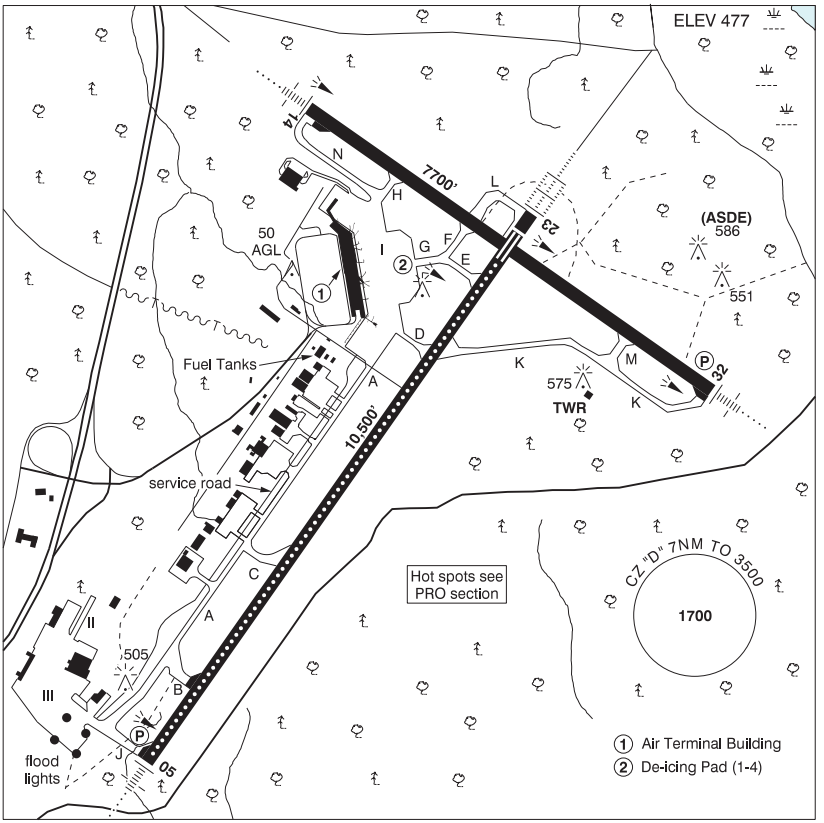
REF	N44 37 32 W63 33 48 18°W (2014) UTC-4(3) Elev 13´ A5003
OPR	Halifax Port Authority 902-426-3629 Reg PPR
FLT PLN **FIC** **ACC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA **RCR**	79' dia ASPH Opr Ltd win maint
LIGHTING	FH
COMM **MF/ATF**	 Shearwater Advsy ltd hrs O/T tfc 126.2 5NM centered on Shearwater Mil A/D 2NM E 3500 ASL
CAUTION	Be alert for seagulls on and in area of pad. Mobile cranes and gantries N and E of pad.



HALIFAX / STANFIELD VFR TERMINAL PROCEDURES CHART



HALIFAX / STANFIELD INTL NS — CYHZ



REF	N44 52 47 W63 30 37 14NNE 18°W (2012) UTC-4(3) Elev 477´ A5003 LO8 HI6 T2 CAP OC
OPR	Halifax International Airport Authority 902-873-2578 Cert
PF	A-1,2,3,5,6,7
CUST	AOE 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z WxCam

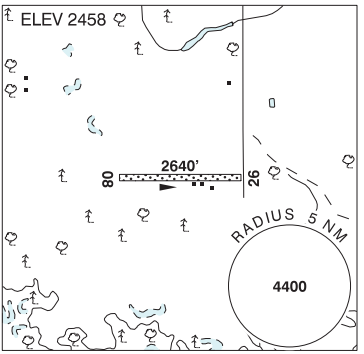
HALIFAX / STANFIELD INTL NS (Cont'd) CYHZ

SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,3
ARFF	DESIGNATED CAT 8
SUP FL	ADI, D & A-ice
JASU	Elect Start Stewart-Stevenson 2650 Air Start
PVT ADV	Shell Aerocentre 123.4; PAL Aviation Services 129.3; Gateway Fac ULC 129.1 902-873-1900
MIL CON	Innotech Aviation Services (Shell) 902-873-3737
RWY DATA	Rwy 05(053°)/23(233°) 10500x200 ASPH/CONC Thld 23 displ 361' Rwy 14(143°)/32(323°) 7700x200 ASPH Rwy 32 down 0.54% RESA: All Rwys 492'
RWY CERT	Rwy 05 RVR 1200(1/4sm)/Rwy 23 RVR 600 AGN V Rwy 14 RVR 1200(1/4sm)/Rwy 32 RVR 1200(1/4sm) AGN V
RCR	Opr CRFI, PLR/PCN
LIGHTING	05-AN(TE HI CL) P3, 14-AN(TE HI), 23-AL(TE HI CL TDZL), 32-AN(TE HI) P3
COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst) (emerg only 519-452-4049)
ATIS	121.0
CLNC DEL	123.95
GND	121.9 275.8
TWR	118.4 236.6 (E) (emerg only 902-873-1364)
TML	119.2 118.7 128.55 363.8
PAL	Moncton Ctr 135.3
NAV	
VOR/DME	YHZ 115.1 Ch 98 N44 55 23 W63 24 07 (599')
DME	IHZ 109.1 Ch 28 N44 53 35 W63 30 48 (449')
ILS	IJG 109.9 (Rwy 23) RVR LOC reliable only within 10° either side of centreline; IHZ 109.1 (Rwy 14) RVR LOC reliable only within 10° either side of centreline.
LOC	IGX 109.9 (Rwy 05) LOC reliable only within 10° either side of centreline.
PRO	Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **DE-ICING OPERATIONS** 1. Ctc de-icing provider 30 min prior to dep if de-icing is rqrd. Notify de-icing provider of any special treatments prior to pushback: ICE MAN 122.950 or 902-410-7748. 2. De-icing provider will assign de-ice pad and advise when ready. 3. DO NOT PUSH prior to assigned de-ice pad being ready. 4. To mitigate congestion on the APN, QUEUING for de-icing is NOT ACCEPTABLE. 5. Monitor Halifax GND 121.9 for all APN movement. 6. Follow instructions to designated de-ice pad. 7. Advise ICEMAN immediately once brakes set, acft configured and engines at idle. 8. After de-icing, configure acft for taxi, however, DO NOT MOVE ACFT. 9. Once instructed, ctc Halifax GND 121.9 for taxi.
CAUTION	Extensive bird activity in vic of rwys Oct-Mar.

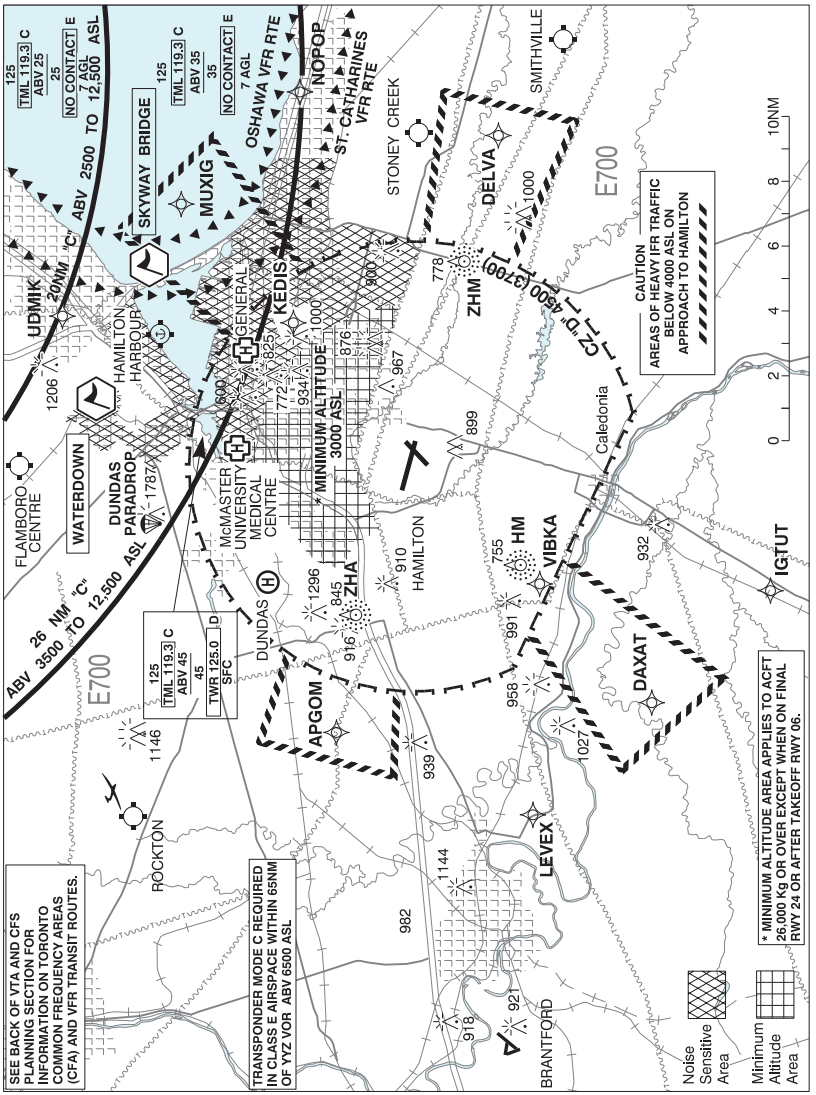
HALKIRK / PAINTEARTH (FETAZ) AB

CPE8

REF	N52 22 58 W112 00 08 8NNE 13°E (2018) UTC-7(6) Elev 2458´ A5015
OPR	Gerard and Donna Fetaz 780-583-2184 Reg PPR
PF	B-1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	5
RWY DATA	Rwy 08(077°)/26(257°) 2640x60 GRASS
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5500 ASL
CAUTION	P-lines along the road E of rwy.

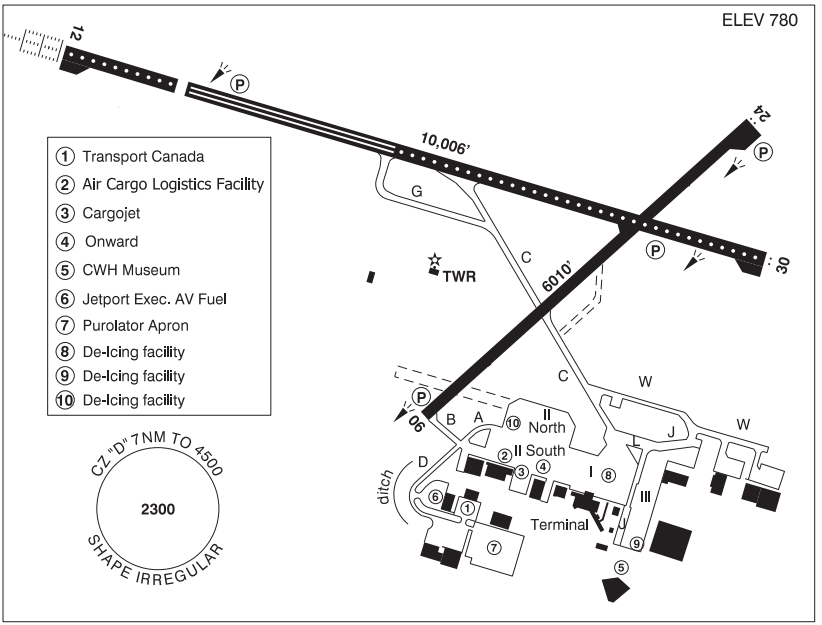


HAMILTON VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
SKYWAY BRIDGE	VCBBR	N43° 18' 00" W079° 47' 45"
WATERDOWN	VCWTD	N43° 19' 45" W079° 53' 15"

HAMILTON ON — CYHM



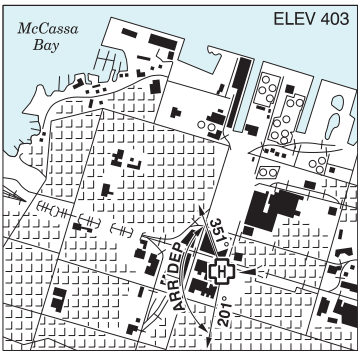
REF	N43 10 25 W79 56 06 6SW 10°W UTC-5(4) Elev 780´ VTA A5000 LO6 HI5 CAP OC
OPR	Aprt Ops Ctr 905-679-4908 / Tradeport Intl Corp 905-679-1999 H24 Cert Ldg fees
PF	A-1,2,3,6,7 C-4,5
CUST	AOE/220 (400 with staged off-loading) 888-226-7277 12-04Z‡ May 1-Oct 31; H24 Nov 1-Apr 30 svc chg PN
FLT PLN	Pilots to open/close VFR flt pln with London rdo 126.7 or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	
FUEL	JA-1 (FSII avbl)
OIL	All
S	1,2,3,4
ARFF	DESIGNATED CAT 7 for sked pax flt (CAT 5 non-sked). CAT 7 for non-sked 30 min PN ctc 905-679-4908. PPR for acft 20 seats and abv, exc for diversions or as an altn.
SUP FL	A-ice, D-ice, HPOX
JASU	CE13, CE15, CA1
PVT ADV	Cargojet 131.575 905-679-3558; Onward Avn 130.5 905-679-4127; Hamilton Jetport 122.35 905-679-2400; Executive Aviation 289-440-1579
MIL CON	World Fuel Services 905-679-4127

HAMILTON ON (Cont'd) CYHM

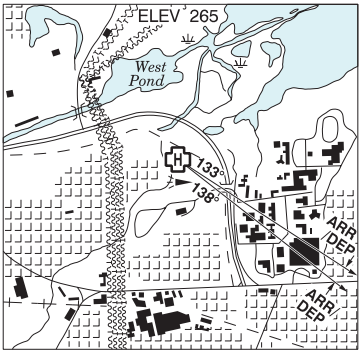
RWY DATA	Rwy 06(059°)/24(239°) 6010x150 ASPH Rwy 12(117°)/30(297°) 10,006x197 ASPH Thld 12 displ 1608´ RESA: 12/30 492'
RWY CERT	Rwy 06/24 AGN IV Rwy 12 RVR 600/Rwy 30 RVR 1200(1/4sm) AGN V
TWY CERT	Twy: D, G, L & W AGN IV Twy J: AGN IV & AGN IIIB fr Twy L to Twy W
TWY	Twy: D, J, L, W uncontrolled. Twy C: Right turn fm Rwy 06 to Twy C and left turn fm Twy C to Rwy 24 rstd to acft with wingspans of 52.1m/171' or less. Left turn fm Rwy 30 to Twy C and right turn fm Twy C to Rwy 12 requires a discretionary oversteer for acft with wingspans of 52.1m/171ft or greater. Twy J: Btwn Twy L and Twy W rstd to acft with wingspans of 35.9m/118ft or less.
APRON	Aprons I, II & III rstd to power-in/pushback for fixed wing acft only unless otherwise auth by opr. Aprons I, II & III uncontrolled. Taxiing aircraft to remain on taxilane centre lines. Apron II North: Taxiing aircraft to remain on taxilane centre lines. Aircraft shall not taxi between the ATB, Onward or the ACLF and pushed back aircraft.
RCR	Aprt Ops Ctr CRFI/RSC avbl H24 Nov 15 - Apr 15. PLR/PCN
LIGHTING	06(TE ME) P2, 24-AS(TE ME) P2, 12-AL(TE HI CL TDZL) P2, 30-AS(TE HI CL) P3
COMM	
ATIS	128.1
GND	121.6
TWR	125.0 (E) (emerg only 905-679-3220)
ARR	Toronto Tml 119.7
DEP	Toronto Tml 119.7
PAL	Toronto Ctr 119.7
NAV	
NDB	HM 221 (L) N43 07 16 W80 00 25 ANCASTER ZHA 397 (L) N43 11 49 W80 01 39 BINBROOK ZHM 266 (L) N43 08 39 W79 47 35
ILS	IAB 110.9 (Rwy 12) RVR LOC reliable only within 10° either side of centreline.
LOC	IER 110.9 (Rwy 30) LOC reliable only within 10° either side of centreline.
PRO	IFR tng flts are to ctc National Traffic Management Unit (FLOW CTL) 800-268-4831 2 hrs prior to ETD for possible delays. VFR tfc outside CZ watch for IFR practice apch acft oprg in vic of all extended rwy ctr lines.
NOISE ABATEMENT	RESTRICTIONS Pursuant to CAR 602.105, the following restrictions are in effect. 1. Tng flts PPR fr APM btwn 23-07 hrs lcl. 2. Dep rwy 06 PPR fr APM btwn 23-07 hrs lcl. 3. Arr & apch rwy 24 PPR fr APM btwn 23-07 hrs lcl. PROCEDURES Pursuant to CAR 602.105, the following procedures are in effect. 1. Circuit alt 2500 ASL for turbo-prop & turbo-jet acft. 2. Rgt hand circuits rwy 12 btwn 23-07 hrs lcl (CAR 602.96). 3. The min alt for the ops of an acft 26,000 Kg & over (max cert gross tkof wt) is 3000 ASL over the Minimum Altitude Area (depicted on VTPC) exc on final apch to Rwy 24, after tkof fr Rwy 6, or circling to land after conducting an inst apch pro. 4. IFR Departures at all times (VFR acft between 04-12Z‡ wx permitting) Rwy 12-Climb on track of 117° till "ZHM" NDB & 3000 ASL, (wx permitting). Rwy 30-Climb on rwy hdg to 1300 ASL. Turn left hdg 260° till abeam "ZHA" NDB. No rgt turn below 4000 ASL (wx permitting). Rwys 06, 24-Climb on rwy hdg to 3000 ASL (wx permitting) before proceeding on course.
CAUTION	Large ditch 131' fr edge of Twy D along the W side.

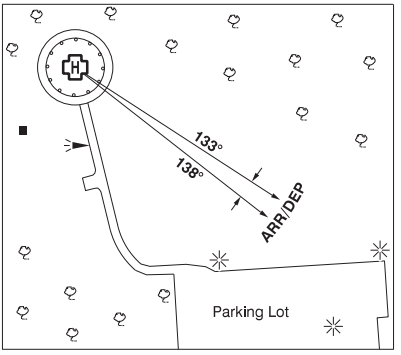
HAMILTON (GEN HOSP) ON (Heli) CPK3

REF	N43 15 43 W79 51 17 Adj 10°W UTC-5(4) Elev 403' VTA A5000
OPR	Hamilton Gen Hosp 905-521-2100 Cert PPR
PF	A-1 B-2,3,4,7,8 C-5,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 86' dia non-supporting TLOF 57' dia octagonal ROOFTOP/ALUMINUM Safety Area 115' dia 16,000 lbs Max heli overall length 57.4' Opr
LIGHTING	RY(LO) (green) RF(FL)
COMM TWR A/G	 Hamilton 125.0 Ambulance dispatch 129.275
PRO	Arr/dep btwn 201°-351° fr heli (H1).
CAUTION	Bldg 448 AGL with lgtd WI aprx 73.5' E fr heli. Lgtd stack aprx 120' NNE fr heli. Lgtd rooftop eqpt 140' SE fr heli.



HAMILTON (McMASTER UNIVERSITY MEDICAL CENTRE) ON (Heli) CPJ3





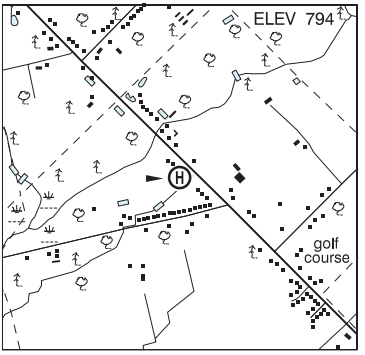
REF	N43 15 58 W79 55 44 Adj 10°W UTC-5(4) Elev 265' VTA A5000
OPR	Hamilton Health Sciences 905-521-2100 Cert PPR
PF	B-1,2 C-3,4,5,6,7,8
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' Opr
LIGHTING	RY(LO) green LED RF(FL)

HAMILTON (McMASTER UNIVERSITY MEDICAL CENTRE) ON (Heli) (Cont'd) CPJ3

COMM TWR	Hamilton 125.0
PRO	Arr/dep 133° - 138° fr heli. Slope 16% (H2), day/night use.
CAUTION	Trees N and W of heli. Marked lgt poles along apch. Marked and lgtd exhaust stacks SE of heli. Baseball fields near heli may be in use.

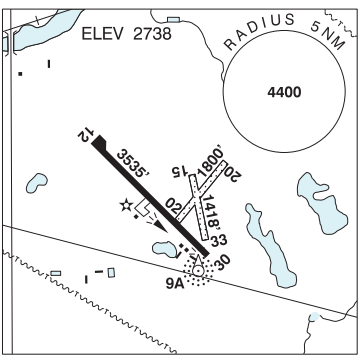
HAMILTON / WATERDOWN ON (Heli) CWD3

REF	N43 19 27 W79 56 09 Adj W 10°W (2014) UTC-5(4) Elev 794´ VTA A5000
OPR	Highway 6 Heliport 905-520-7777 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 60' x 60' GRASS Safety Area 120' dia Max heli overall length 40' Opr No win maint
COMM TWR	Hamilton 125.0
CAUTION	P-Line 250' NE heli 30 AGL, trees 100' NE heli 40 AGL Sloping terrain NW and SE.

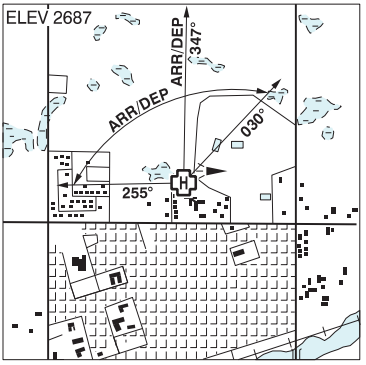


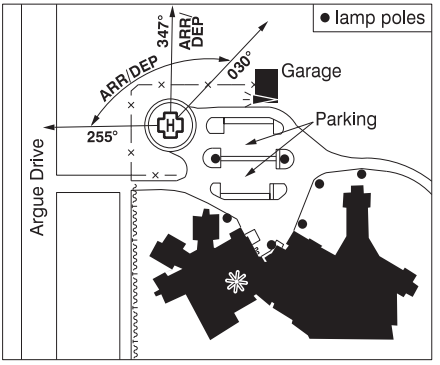
HANNA AB CEL4

REF	N51 37 53 W111 54 15 1SE 14°E (2013) UTC-7(6) Elev 2738´ A5005 LO2
OPR	Town 403-854-4433 Reg
PF	A-1,3 C-2,4,5
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES FUEL	100LL 403-857-9221/8550, 403-854-1841/8499
RWY DATA RCR	Rwy 12(121°)/30(301°) 3535x75 ASPH Rwy slopes up fr thlds. Rwy 02/20 1800x100 GRASS Rwy 15/33 1418x60 GRASS Opr Ltd maint
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5700 ASL
NAV NDB	9A 221 (L) N51 37 40 W111 54 03 Pvt Unmonitored
CAUTION	Acft on opposite ends of Rwys 12/30 may not be visible to each other.



HANNA (HEALTH CENTRE) AB (Heli) CHD3

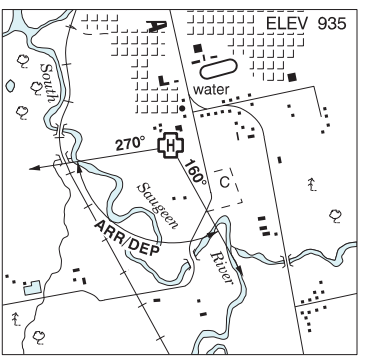




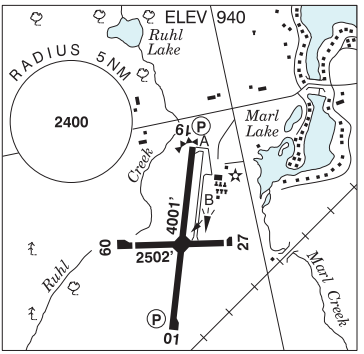
REF	N51 39 04 W111 55 44 Adj N 14°E (2014) UTC-7(6) Elev 2687´ A5005
OPR	Alberta Health Services 403-854-3331 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 64' dia ASPH Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
COMM	
ATF	tfc 123.2 5NM centred on Hanna A/D 1.5NM SE 5700 ASL
PRO	Arr/dep 347° fr heli, slope 8% (H3) (CAR 602.96) Arr/dep 255° to 030° fr heli, slope 16% (H2) (CAR 602.96) NVIS rqrd for night use all flt paths (CAR 602.96)
CAUTION	Unlgtd P-line 115 ft SSW of heli, oriented N-S. Unlgtd lamp posts 105' SE of heli.

HANOVER (DISTRICT HOSP) ON (Heli) CNZ7

REF	N44 08 27 W81 01 45 Adj S 9°W UTC-5(4) Elev 935´ A5000
OPR	Hanover District Hosp 519-364-2340 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ ASPH 114´ x 114´ Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL) ARCAL-122.625 type J
COMM	
A/G	Ambulance dispatch 129.275
PRO	Arr/dep 160° to 270° fr heli, slope 8% (H3), day/night use.



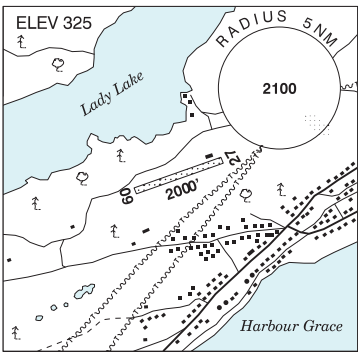
HANOVER / SAUGEEN MUNI ON — CYHS



REF	N44 09 29 W81 03 48 1.6WNW 9°W (2013) UTC-5(4) Elev 940´ A5000 LO4 LO6 CAP
OPR	Town 519-364-3220 Reg
PF	B-1,2 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA (FSII avbl) Self serve (VISA, MasterCard, Amex, debit)
OIL	All
S	4,5,6
RWY DATA	Rwy 01(012°)/19(192°) 4001x75 ASPH Rwy 19 down 0.85% AGN II Rwy 09(093°)/27(273°) 2502x50 ASPH Thld 09 displ 331´. Thld 27 displ 120´.
RCR	Opr
LIGHTING	01-(TE LO) AP, 19-(TE LO) AP ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 19 & 09 (CAR 602.96).
CAUTION	Wildlife frequently on rwy.

HANS ULRICKSEN FIELD SK — See SOUTHEND / HANS ULRICKSEN FIELD

HARBOUR GRACE NL — CHG2

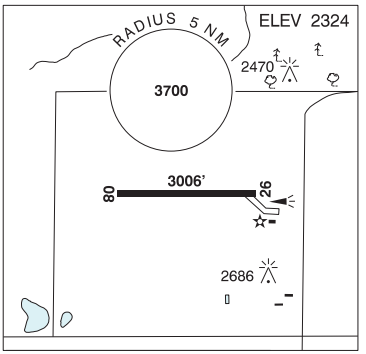


REF	N47 41 08 W53 15 14 0.8W 19°W (2015) UTC-3½(2½) Elev 325´ A5012
OPR	Town of Harbour Grace 709-596-3631/3042 Reg
PF	C-1,2,3,4,5 D-6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 09/27 2000x100 GRASS Rwy 27 down 4%
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3300 ASL
CAUTION	65´ high rock outcrop 450´ E of Thld Rwy 27. Rwy may be soft when wet.

HARDISTY AB

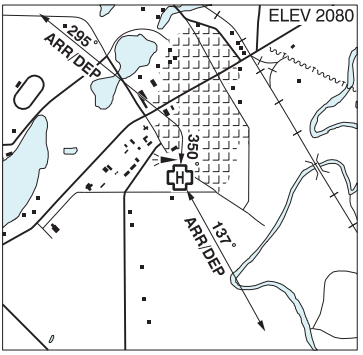
CEA5

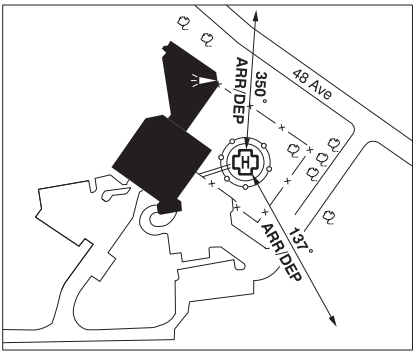
REF	N52 38 48 W111 23 08 3.5SW 13°E (2016) UTC-7(6) Elev 2324´ A5015 LO2 CAP
OPR	Town 780-888-3623 Reg
PF	C-2,3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 08(077°)/26(257°) 3006x75 ASPH Rwy 08 down 0.4% AGN IIIA
RCR	Opr O/T 780-888-1747 Ltd maint
LIGHTING	08-(TE ME), 26-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5300 ASL



HARDISTY (HEALTH CENTRE) AB (Heli)

CHD2





REF	N52 40 08 W111 18 25 Adj S 14ºE (2012) UTC-7(6) Elev 2080' A5015
OPR	FM&E AHS 780-888-3742 14-23Z‡ Mon-Fri O/T 780-888-1504 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia CONC/GRASS TLOF 39' dia CONC Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
RCR	Opr
LIGHTING	RW (LO)
COMM ATF	tfc 123.2 5NM centred on Hardisty land A/D 3NM SW 5300 ASL

HARDISTY (HEALTH CENTRE) AB (Heli) (Cont'd) CHD2

PRO	Arr/dep curved 350° to 295° & 137° fr heli, slope 16% (H2), NVIS rqrd for ngt use, all flt paths (CAR 602.96).
CAUTION	Trees aprx 80 AGL E & 250' N fr heli.

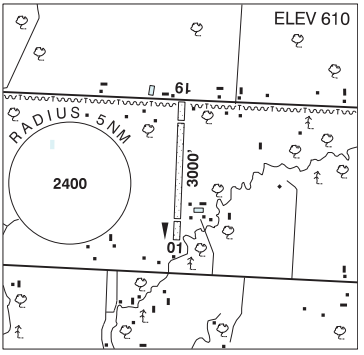
HARKES FIELD ON — See WROXETER / HARKES FIELD

HARRINGTON HARBOUR QC (Heli) CTH5

REF	N50 29 51 W59 28 53 21°W (2013) UTC-4 Elev 93´ A5011
OPR	Transports Québec 418-538-2866 Reg
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 64' x 64' WOOD Safety Area 75' x 75' Max heli overall length 42.7' Harrington Harbour dispensary 418-795-3325
LIGHTING	RY LO ARCAL-123.5 type J
COMM **ATF**	 tfc 123.5 corridor see PRO section
PRO	Arr/dep NE & SE. Corridor tfc 123.5 aprx 30NM wide along shore, up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.

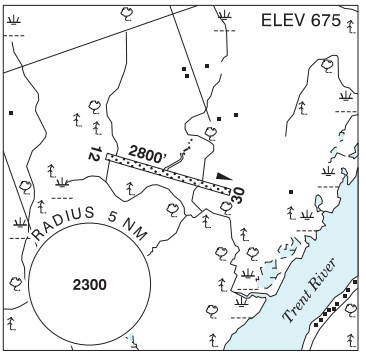
HARROW ON CGL2

REF	N42 03 34 W82 50 27 3.8ENE 7°W UTC-5(4) Elev 610´ A5000
OPR	Louis & Thérèse Levesque 519-733-2935 Reg PN
PF	C-1,2 E-3,4,5,6
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 01/19 3000x100 GRASS Thlds 01 & 19 displ 400´. Rwy soft when wet. Opr Ltd win maint
COMM **ATF**	 tfc 122.9 5NM 3600 ASL
PRO	Pilots are requested to avoid flt below 2000 ASL when flying over the Jack Miner Bird Sanctuary (Kingsville, Ontario N42 04 W82 45) & over Point Pelee National Park.
CAUTION	Trees 500´ fr Thld Rwy 01, 60 AGL. Marked hydro poles 400´ fr Thld Rwy 19 (buried hydro line). Essex A/D 3NM NW.



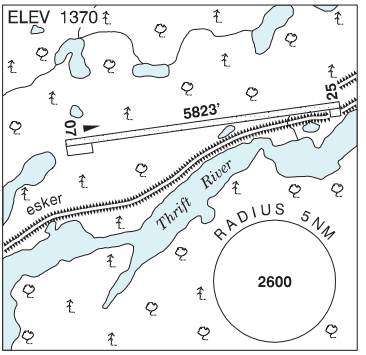
HASTINGS / SWEETWATER FARMS ON — CSW6

REF	N44 20 46 W77 55 40 2.5NE 12°W (2016) UTC-5(4) Elev 675' A5000
OPR	Bobby Henzie 705-872-7722, 705-696-3193 Reg
PF	A-1 C-4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	1, 4, 5
RWY DATA	Rwy 12/30 2800x53 GRASS Rwy 12 slopes down
RCR	Opr No win maint. Rwy may be soft when wet.
COMM	
ATF	tfc 123.2 5NM 3800 ASL
CAUTION	Wildlife on rwy



HATCHET LAKE SK — CJL2

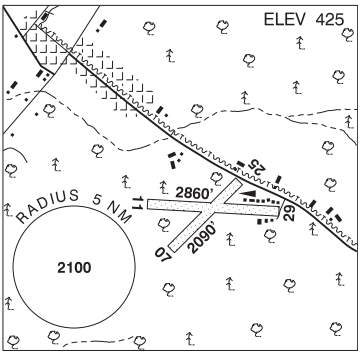
REF	N58 39 45 W103 32 18 8°E (2013) UTC-6 Elev 1370´ A5024 LO1 CAP
OPR	Hatchet Lake Lodge 306-664-2488 Fax 306-664-2489 Reg PPR
PF	C-1,2,5 PN
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	ALTIMETER/WIND 306-664-2488 00-15Z Jun 1-Aug 22 (see COMM)
SERVICES	
S	4 Jun-Sep
PVT ADV	Hatchet Lake Lodge 131.2
RWY DATA	Rwy 07(071°)/25(251°) 5823x100 crushed rock. Rwy 07 up 0.31% AGN IIIA
RCR	Opr No win maint
COMM	
ATF	UNICOM (AU) 00-15Z Jun 1-Aug 22 O/T tfc 123.3 5NM 4300 ASL



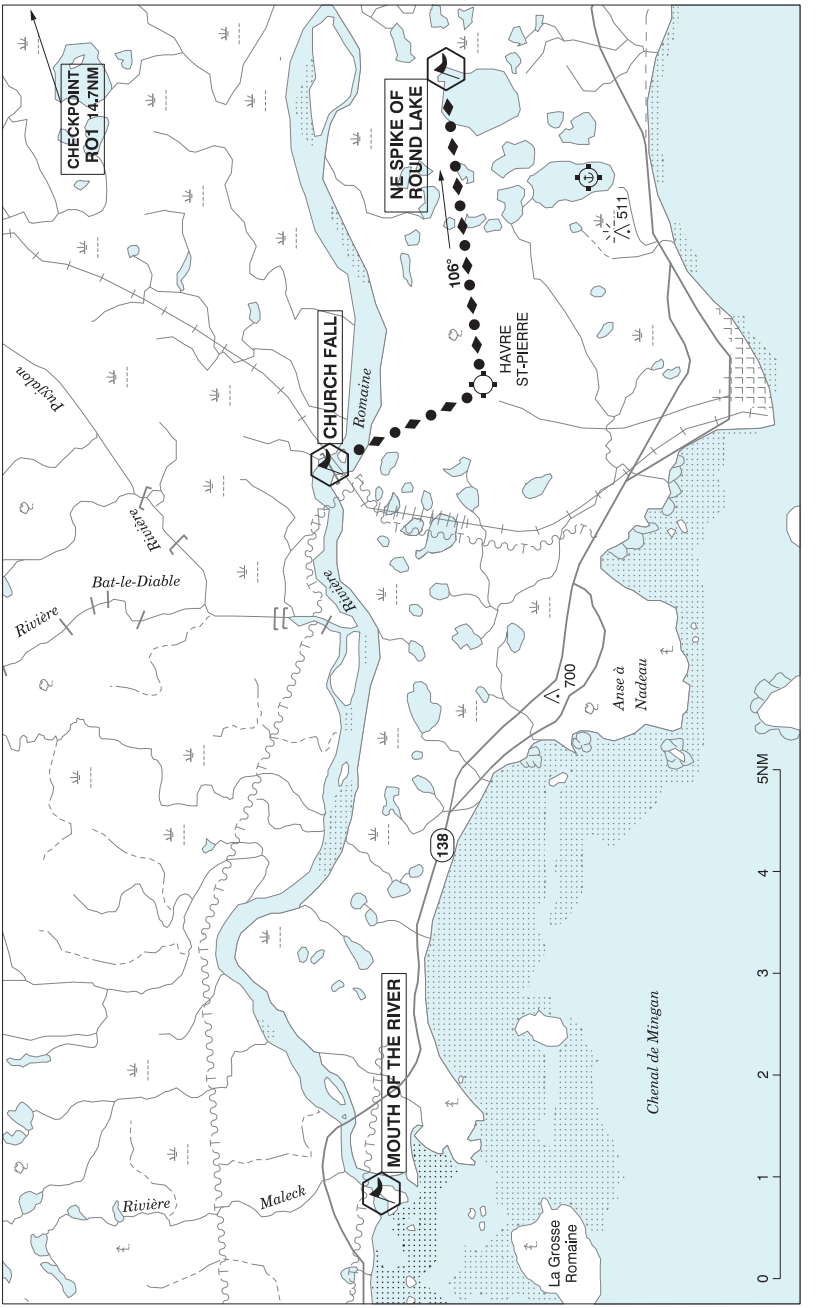
HAVELOCK NB

CCS5

REF	N45 59 11 W65 18 07 Adj SE 18°W (2014) UTC-4(3) Elev 425´ A5003
OPR	Havelock Flying Club 506-866-1203, 506-383-0549 Reg
PF	A-1 C-1 D-3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 11/29 2860x235 GRASS Rwy 07/25 2090x260 GRASS
RCR	Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 3400 ASL
CAUTION	High trees along both sides of rwys & at Thld 07 & 29. Marked P-line at Thld 25. Training areas around A/D, see Moncton VTPC - Training areas.



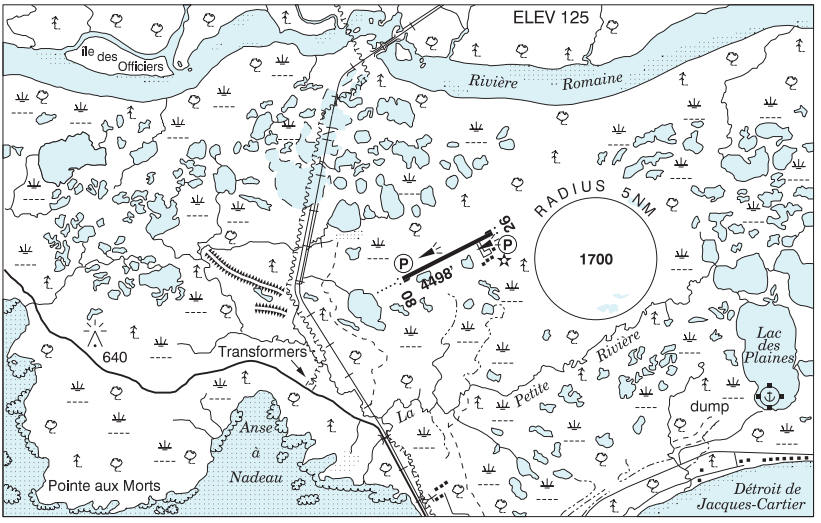
HAVRE ST-PIERRE VFR TERMINAL PROCEDURES CHART



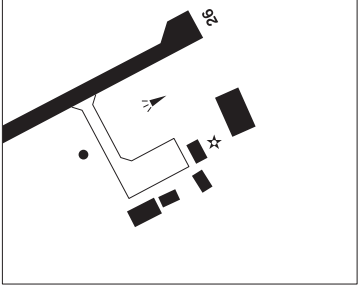
HAVRE ST-PIERRE VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CHURCH FALL	VCPNT	N50° 18' 31" W063° 37' 19"
MOUTH OF THE RIVER	VCEMB	N50° 18' 05" W063° 48' 20"
NE SPIKE OF ROUND LAKE	VCHSP	N50° 17' 27" W063° 31' 13"
RO 1	VCRMS	N50° 23' 05" W063° 15' 53"

HAVRE ST-PIERRE QC CYGV



REF	N50 16 55 W63 36 40 3N 18°W (2024) UTC-5(4) Elev 125' A5011 LO7 CAP
OPR	Transport Canada (Opr), AÉROPRO (APM) 418-538-0627/3507 1230-1700Z‡ & 1800-2130Z‡ Mon-Fri O/T 3 hrs PN call out chgs Cert Ldg fees (jet and turboprop acft only), Tml fees
PF	B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam



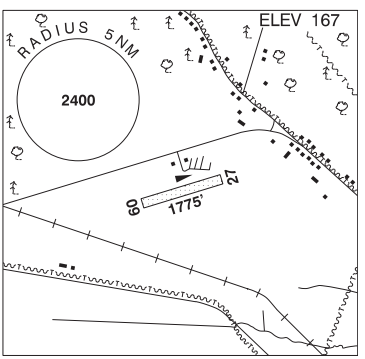
HAVRE ST-PIERRE QC (Cont'd) CYGV

SERVICES	13-21‡ Mon-Fri O/T 1 hr PN. After hrs call out chg.
FUEL	100LL, JA-1
OIL	15W50
S	2,5,6
SUP FL	D-Ice
JASU	10/15
PVT ADV	Avjet/TSAS 418-355-8760
RWY DATA	Rwy 08(081°)/26(261°) 4498x100 ASPH Rwy 08 up 0.33%
RWY CERT	Rwy08/26 AGN IIIA
APRON	Prkg fees
RCR	APM 1230-1700Z‡ & 1800-2130Z‡ Mon-Fri O/T 3 hr PN, call out chg. H24 for Medevac 3 hr PN. CRFI 1 hr PN, PLR/PCN.
LIGHTING	08-AO (non-std 1400´) (TE ME) P1, 26-AS(TE ME) P1 ARCAL-122.0 type K
COMM	(bil)
RCO	Madeleine rdo 122.0 (RAAS) 11-03Z‡
MF	Madeleine rdo 11-03Z‡ O/T tfc 122.0 15NM 3200 ASL (CAR 602.98) See PRO section
AWOS	125.95 (English) 128.3 (French)
PRO	Circuit altitude 1500 ASL. ATF corridor outside MF (frequency 123.5), see Section C – Areas with Discrete Air-To-Air Frequencies. **HELICOPTERS:** Overflying runway with sling load is prohibited.
CAUTION	**OBST:** Lgtd antenna 640 ASL (584 AGL) 2.3NM W. Lgtd Twr 486 ASL (427 AGL) aprx 4NM SE. **A/D:** Seaplane ops on Lac des Plaines 2.4NM SE. Intsv bird activity Jun-Sep. **HELI:** Helicopters should not overfly AWOS stn area, aprx 300' S of rwy, W of twy, in order to not induce false data to sensors thus generating erroneous weather reports (METARS). **BLASTING:** Periodic blasting ops 18NM NE of aprt sfc to 4265 ASL within a 1.1NM radius of the quarry 13-23Z‡.

HAWKEFIELD ON — See ORONO / HAWKEFIELD

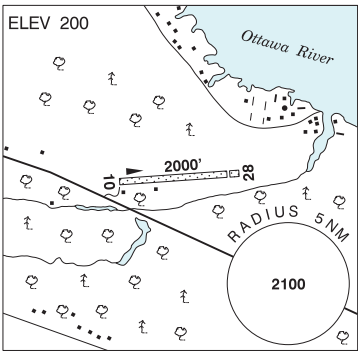
HAWKESBURY ON CNV4

REF	N45 37 W74 39 1.7W 15°W UTC-5(4) Elev 167´ A1905 VTA A5002
OPR	Club de vol à voile de Montréal - Montreal Soaring Club 514-667-0400 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 09/27 1775x400 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM	
ATF	tfc 123.3 5NM 3200 ASL
PRO	Rgt hand circuits Rwy 09 (CAR 602.96). Extv glider activity.



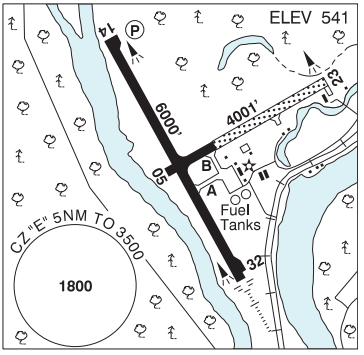
HAWKESBURY (EAST) ON — CPG5

REF	N45 34 58 W74 32 56 2E 15°W UTC-5(4) Elev 200´ VTA A5002
OPR	East Hawkesbury Airport 514-891-1856 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA	Rwy 10/28 2000x60 GRASS Thld 28 displ 200´. Max acft gr wt 2500 lbs.
RCR	Opr Ltd win maint. Rwy soft in spring. Ski ops.
COMM ATF	tfc 123.2 5NM 3200 ASL
PRO	Avoid flt over adj golf course aprx 1.5NM E Thld 28. Touch and go not permitted.
CAUTION	600 ASL (300 AGL) lgtd twr aprx 4.5NM WSW A/D. 548 ASL (295 AGL) lgtd twr aprx 2NM SE of A/D. Ultra-light acft activity. Tall trees on apch to Rwy 28. Possible wind turbulence on apch Rwy 28.



HAY RIVER / MERLYN CARTER AIRPORT NT — CYHY

REF	N60 50 23 W115 46 58 1.5N 16°E (2020) UTC-7(6) Elev 541´ A5030 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-874-2353, 867-875-7316 Emerg/Incident rpt 877-989-1400 1330-0100Z‡ Mon-Fri, 1330-2200Z‡ 23-24‡ Sun Oct 15-Apr 15, 1300-2230Z‡ 23-24Z‡ Mon-Fri, 14-15Z‡ 2030-2330Z‡ Sun Apr 16-Oct 14, O/T 1 hr PN ctc 867-874-2441 or 867-875-7316. Call out chg may be levied. Cert
PF	A-1,3,6 avbl 15-23Z‡ Mon-Sat C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-874-2441
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied.
FUEL	100LL, JA-1 15-24Z‡ Mon-Fri 867-874-8500 O/T 867-874-1004
OIL	All
S	2,3,4,5,6

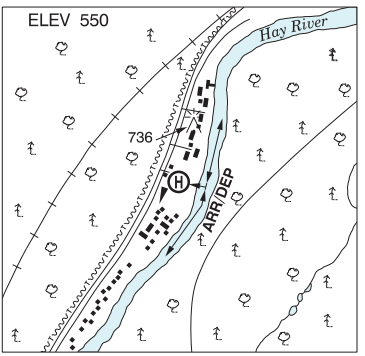


HAY RIVER / MERLYN CARTER AIRPORT NT (Cont'd) CYHY

RWY DATA	Rwy 14(139°)/32(319°) 6000x150 ASPH Rwy 05(049°)/23(229°) 4001x150 GRVL/ASPH, 2950' GRVL
RWY CERT	Rwy 14/32 AGN IIIB Rwy 05/23 AGN II
RCR	Opr CRFI & win maint 1330-0100Z‡ Mon-Fri, 1330-2200Z‡ 23-24Z‡ Sun Oct 15-Apr 15, O/T 1 hr PN ctc 867-874-2441 or 867-875-7316. Call out chg may be levied. PLR/PCN. Rwy 05/23 compacted snow & grvl mix during win conds. Rwy 14/32 ruf sections aprx 115' to 211' beyond Thld 14, 20' E of rwy centerline and aprx 1030' to 1111' beyond Thld 14, 59' E of rwy centerline.
LIGHTING	05-(TE ME), 14-(TE HI) P2, 23-(TE ME), 32-AE(non-std 1561´) (TE HI) ARCAL-122.3 type K
COMM	
RCO	Edmonton rdo 123.275 (FISE) (U) 126.7 (bcst)
MF	aprt rdo 122.3 5NM 3600 ASL (CAR 602.98)
PAL	Edmonton Ctr 133.85
APRT RDO	122.3 (V)
NAV	
VOR/DME	YHY 113.9 Ch 86 N60 50 11 W115 48 12 (560´)
ILS	IHY 110.3 (Rwy 32)
PRO	Rgt hand circuits Rwys 14 & 23 (CAR 602.96). PPR fr APM before "hot refuelling" procedures may be used.
CAUTION	Sandhill cranes nesting on A/D, May-Sep. Lgtd twr 636 ASL (108 AGL) aprx 1.3NM NE of A/D. Cable crossing 1 NM S. Trains crossing and parking within Obstacle Limitation Surface zone Rwy 32.

HAY RIVER (DISTRICT) NT (Heli) CET5

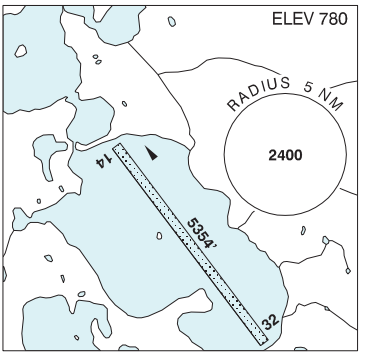
REF	N60 47 04 W115 49 33 1.5SW 16°E (2020) UTC-7(6) Elev 550´ A5030
OPR	Dept of Environment & Natural Resources, Govt of Northwest Territories 867-875-5550 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-874-2441
HELI DATA	3 pads 43´ dia 100´ x 100´
RCR	No win maint



COMM	
RCO	Edmonton rdo 123.275 (FISE) (U) 126.7 (bcst)
MF	aprt rdo 122.3 5NM centred on Hay River/Merlyn Carter Airport A/D 3.6NM W 3600 ASL (CAR 602.98)
PRO	Arr/dep route via Hay River
CAUTION	P-lines to the west.

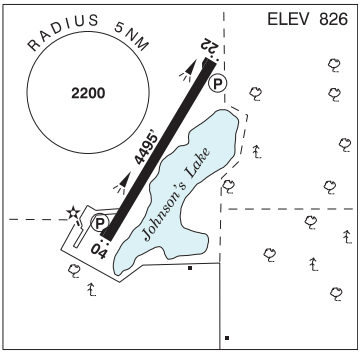
HAYES CAMP NU — CHC5

REF	N66 39 06 W91 32 39 9°W (2023) UTC-6(5) Elev 780´ A5037 RCAP
OPR	North Country Gold 780-437-6624 Reg PPR Ice rwy open Jan-Apr
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14(143°T)/32(323°T) 5354x200 ICE Ctc UNICOM 122.8 15 min prior to ldg for RCR Ltd win maint.
LIGHTING	TE (LO)
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Check NOTAM/AIP Supplement for rwy cond.



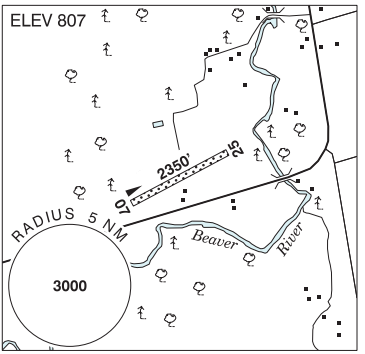
HEARST (RENÉ FONTAINE) MUNI ON — CYHF

REF	N49 42 50 W83 41 13 1.5NW 9°W UTC-5(4) Elev 826´ A5008 LO4 CAP
OPR	The Corp of the Town of Hearst 705-362-4341 ext 1451 14-22Z‡ Mon-Fri exc hols O/T 705-372-1141 Reg
PF	A-1,7,8 C-2,4,5,6
FLT PLN FIC WX	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) ALTIMETER/WIND ldt hrs (see COMM) WxCam
SERVICES FUEL OIL SUP FL S	14-22Z‡ Mon-Fri exc hols 705-362-4341 ext 1451 O/T 1 hr PN 705-372-1141. Call out chg may be levied for one or more svcs. Shuttle svc avbl. 100LL, JA-1 (FSII avbl), SP 100, W100, 15W50, 20W50 D & A-ice 2 hr PN 705-372-1141 1,2,4,5,6
RWY DATA RCR	Rwy 04(041°)/22(221°) 4495x100 ASPH AGN IIIA Opr CRFI/RSC avbl 14-22Z‡ Mon-Fri exc hols O/T 1 hr PN 705-372-1141. Win maint avbl 12-20Z‡ Mon-Fri exc hols O/T 2 hr PN 705-372-1141.
LIGHTING	04-AS(TE ME) P1, 22-AS(TE ME) P1 ARCAL-122.8 type K
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 22 (CAR 602.96).
CAUTION	Possibility of win maint eqpt on rwy outside operational hrs. Possibility of wildlife on rwy. Bird activity dur the months of Apr-Oct.



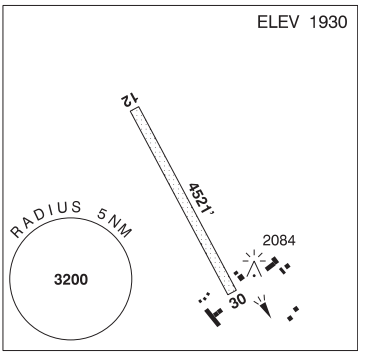
HEATHCOTE / WILKINSON FIELD ON — CWF4

REF	N44 30 38 W80 28 29 1.1NE 10°W (2022) UTC-5(4) Elev 807' A5000
OPR	National Heritage Brands Inc. 416-402-4800 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 07(072°)/25(252°) 2350x50 GRASS
RCR	Opr No win maint. Rwy soft when wet. Ski ops win only.
COMM	
ATF	tfc 122.85 3NM 3900 ASL
CAUTION	Trees 30 AGL 160' E Thld 25.



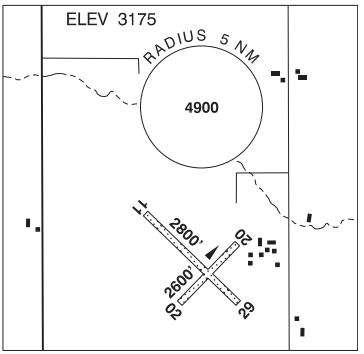
HELMET BC — CBH2

REF	N59 25 33 W120 47 51 18°E (2018) UTC-8(7) Elev 1930´ A5022 LO1 LO5 RCAP
OPR	Canadian Natural Resources Ltd 403-513-2001 15-01Z‡ Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO (see COMM)
RWY DATA	Rwy 12(123°)/30(303°) 4521x100 gravel Rwy 12 first 3000' up 1.53% Rwy 30 first 1500' up 40%
RCR	Opr
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5000 ASL
AUTO	122.175
CAUTION	Extensive heli activity in vic. Wildlife ocsl on rwy.



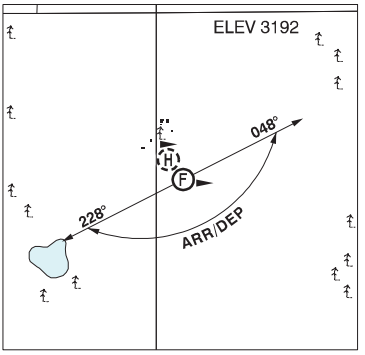
HESPERO AB — CFB3

REF	N52 18 00 W114 27 49 2SW 15°E (2012) UTC-7(6) Elev 3175´ A5005 A5015
OPR	Skocdopole Construction Ltd 403-746-5744 or 403-357-8266 Reg
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 11(119°)/29(299°) 2800x100 GRASS Rwy 02(029°)/20(209°) 2600x100 GRASS
RCR	Opr Ltd win maint
COMM **ATF**	tfc 123.2 4NM 6200 ASL



HESPERO / SAFRON RESIDENCE AB (Heli) — CTS6

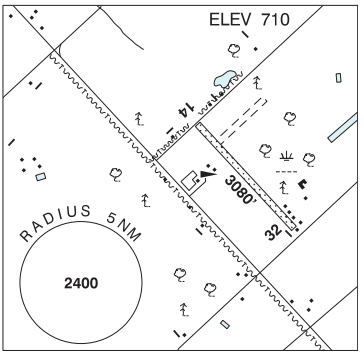
REF	N52 16 49 W114 25 41 2.8SSE 15°E (2012) UTC-7(6) Elev 3192' A5005 A5015
OPR	Terry Safron 403-357-4999 Reg PPR Day only
PF	C-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL, JB (FSII avbl)
HELI DATA	FATO 64' dia GRASS TLOF 60' x 60' CONC Safety Area 85' dia Max heli overall length 42.7'
RCR	Opr
COMM **ATF**	tfc 123.2 4NM centered on Hespero A/D
PRO	Arr/dep 048°-228° fr heli. Slope 6% first section (H3). Day use only. Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Hangar and trees N of 228° flight path aprx 230' W of heli.



HIGHGATE ON

CNA2

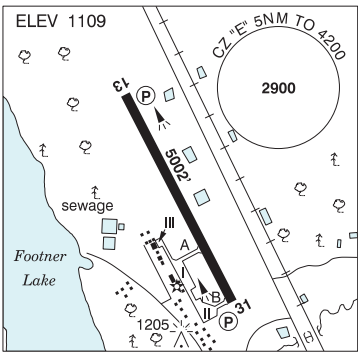
REF	N42 33 16 W81 48 11 5N 8°W UTC-5(4) Elev 710´ A5000
OPR	R. Spence 519-678-3326/3295 Reg PPR
PF	C-1,2,4,5 D-3,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14/32 3080x80 GRASS Opr Ltd win maint. Rwy soft when wet.
COMM ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Trees 30 AGL aprx 100´ fr Thld 32. P-line buried aprx 480´ fr Thld 14. Line of trees 40 AGL 75´ NE Rwy 14/32. Trees 35 AGL on apch to Rwy 32. Cultivated fields at edges of all rwys.



HIGH LEVEL AB

CYOJ

REF	N58 37 18 W117 09 53 6NNW 18°E (2014) UTC-7(6) Elev 1109´ A5022 A5023 LO1 HI2 CAP
OPR	Town 780-926-3659 O/T 780-926-2201 15-24Z‡ Nov-Apr; H24 May-Oct 15-24Z‡ Cert Fees apply
PF	A-1,2,6 C-3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR 1500-0230Z‡ O/T METAR AUTO (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,3,4,6 Prkg fees, ctc Opr
PVT ADV	Flight Fuels 780-926-3700/6716
RWY DATA	Rwy 13(136°)/31(316°) 5002x150 ASPH
RWY CERT	Rwy 13/31 AGN IV
TWY	Twy B & apron II rstd to Agriculture and Forestry, Apr 1-Sep 30.
RCR	Opr Win & sum maint ltd hrs (see OPR) O/T 1 hr PN, call out fees apply. CRFI, PLR.
LIGHTING	13-(TE ME) P2, 31-(TE ME) P2 ARCAL 05-14Z‡ 123.25 type K
COMM	
RADIO	123.25 PTC avbl (V) 1500-0230Z‡ (emerg only 780-926-3606)
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo ltd hrs O/T tfc 123.25 5NM 4200 ASL (CAR 602.98)
PAL	Edmonton Ctr 123.7 135.1
AWOS	128.225 0230-1500Z‡

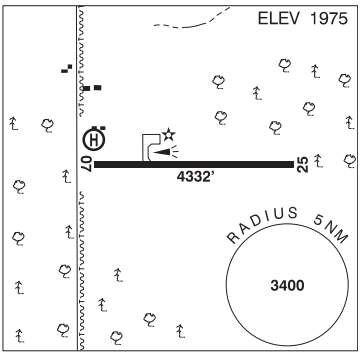


HIGH LEVEL AB (Cont'd) CYOJ

NAV VOR/DME	YOJ 113.3 Ch 80 N58 33 15 W117 05 35 (1112´)
CAUTION	Extv bird activity in vic of aprt Mar -Oct. Drainage ditch 90' fr rwy edge, full length, both sides.

HIGH PRAIRIE AB CZHP

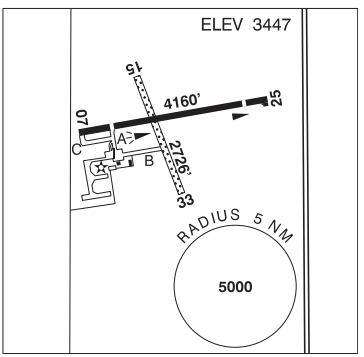
REF	N55 23 37 W116 28 30 2S 16°E (2015) UTC-7(6) Elev 1975' A5014 LO1 CAP
OPR	Big Lakes County 780-523-5955/8262 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES FUEL	100LL, JA-1 (self-serve credit cards) ctc 780-523-8262
RWY DATA RCR	Rwy 07(074°)/25(254°) 4332x75 ASPH AGN IIIA Opr Ltd maint
HELI DATA	50´ x 50´ GRASS
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-122.8 type K
COMM ATF	tfc 122.8 5NM 5000 ASL



HIGH RIVER AB — See HIGH RIVER / FOOTHILLS REGIONAL AIRPORT

HIGH RIVER / FOOTHILLS REGIONAL AIRPORT AB CEN4

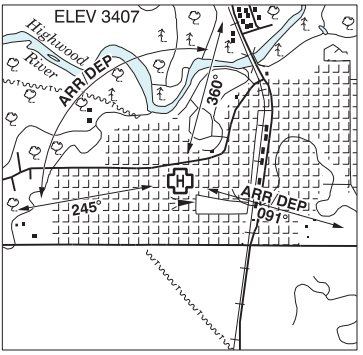
REF	N50 32 00 W113 50 27 2.5 SSE 14°E (2014) UTC-7(6) Elev 3447´ VTA A5005 LO2 T1 CAP
OPR	High River Regional Airport Ltd 403-601-1654 Reg
PF	C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES FUEL	100LL Foothills Flight Center Inc. 403-603-4091, JA-1 Murrays Aircraft Repair 403-648-8910 Self-serve, all major credit & debit cards
OIL	All
S	1,2,3,4,5,6

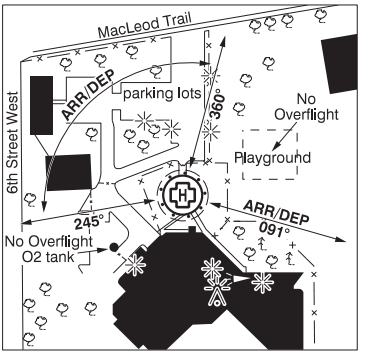


HIGH RIVER / FOOTHILLS REGIONAL AIRPORT AB (Cont'd) CEN4

RWY DATA **RCR**	Rwy 07(066°)/25(246°) 4160x75 ASPH Thld 07 displ 687' Thld 25 displ 475' Rwy 15(145°)/33(325°) 2726x55 GRVL Rwy 33 down 1.28% Opr Ltd win maint Rwy 07/25. Ltd maint Rwy 15/33, sfc soft/ruf.
LIGHTING	07-(TE LO), 25-(TE LO(holding bay not lgtd, not avbl for ngt ops)).
COMM **MF**	Foothills tfc 123.0 5NM 6400 ASL (CAR 602.98)
PRO	Practice auto-rotations and run-on landings by helis not auth on rwys. Caution dur hover ops at fuel centres due rotor wash. Air taxi ops preferred over infield areas whenever possible. Circuit tng flts proh 04-14Z‡ (CAR 602.96).
CAUTION	Ultra-light activity on field. Acft at opposite ends of Rwy 07/25 may not be visible to each other. Wildlife in vic

HIGH RIVER (HOSP) AB (Heli) CHR2

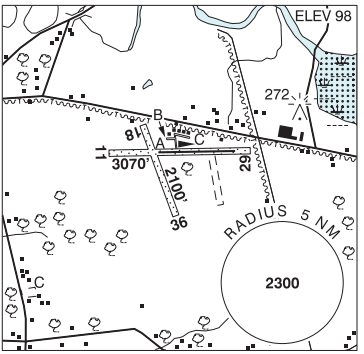




REF	N50 34 34 W113 52 46 Adj S 15°E (2013) UTC-7(6) Elev 3407' A5005
OPR	Alberta Health Services 403-652-2200 Cert NVIS OPS AUTH PPR
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA **RCR**	FATO/TLOF 67' dia ASPH Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96) Opr
LIGHTING	RW(ME) yellow
COMM **MF**	 tfc 123.0 5NM 6400 ASL centered on High River A/D 3.0NM SE (CAR 602.98)
PRO	Arr/dep 091° fr heli, (H1) (CAR 602.96). Arr/dep 245° to 360° fr heli, (H1) (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96). Avoid flt over playground adj NE of heli. No flt over oxygen tanks adj WSW of heli.
CAUTION	Lgtd twr 3938 ASL (362 AGL) aprx 2.8NM SSW. Trees 79 AGL W, NW, NNE and SE of heli. Ultra-light tfc at High River CEN4 2NM SE

HIGHWOOD AB — See DE WINTON / HIGHWOOD

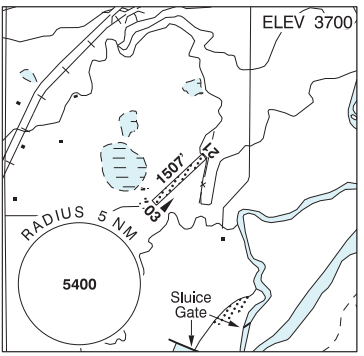
HILLATON / KINGS AERODROME NS — CHL2



REF	N45 08 34 W64 25 22 Adj SE 18°W (2015) UTC-4(3) Elev 98' A5003 LO8
OPR	CHL2 Aviation Inc 902-365-7000 ext 390 www.KingsAero.com Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 11(106°)/29(286°) 3070x75 ASPH centre 1670x45, edges uneven ASPH/GRASS Thld 11 displ 900' night only Thld 29 displ 500' night only Rwy 18(178°)/36(358°) 2100x75 GRASS
RCR	Opr Ltd win maint. Rwy 18/36 sfc ruf.
LIGHTING	11-(TE LO), 29-(TE LO) ARCAL-123.2 type J Lgtd windsock avbl O/R.
COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Marked p-lines on apch to Rwy 29. Lgtd tower 272 ASL aprx 0.5NM NE of A/D. Migratory bird activity dur spring and fall.

HILLMAN'S FARM AB — See BENALTO / HILLMAN'S FARM

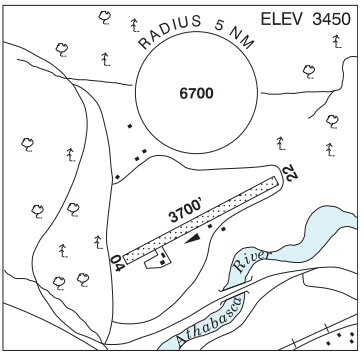
HILLSPRING (BECK FARM) AB — CHS3



REF	N49 20 12 W113 34 24 3.2NE SW 14°E (2013) UTC-7(6) Elev 3700' A5005
OPR	Jim Beck 403-382-1839 Reg PPR
PF	C-2 D-3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 03(033°)/21(213°) 1507x35 GRASS Rwy 03 down 2%
RCR	Opr Ltd win maint PN
COMM	
ATF	tfc 123.2 5NM 6700 ASL

HINTON / ENTRANCE AB — CEE4

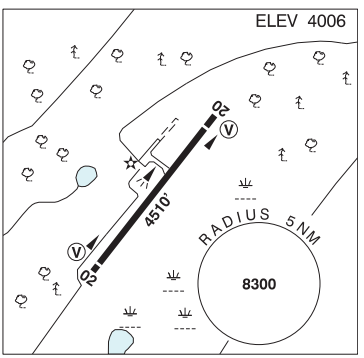
REF	N53 22 53 W117 42 04 6W 17°E (2012) UTC-7(6) Elev 3450´ A5014
OPR	Hinton Flying Club 780-817-5678 Reg
PF	C-2,3,4,5,6
FLT PLN **FIC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 04(046°)/22(226°) 3700x150 GRASS
RCR	Opr Ltd maint



COMM	
RCO	Edmonton (Jasper-Hinton) 123.55 (FISE) (May not be receivable on gnd)
ATF	UNICOM (AU) ltd hrs O/T tfc 123.35 5NM centered on Jasper -Hinton A/D 4.2NM S 7000 ASL
PRO	Rgt hand circuits Rwy 04 (CAR 602.96).
CAUTION	Avoid low flying over southern corner of rwy due to livestock. Wildlife & livestock may be on rwy.

HINTON / JASPER-HINTON AB — CEC4

REF	N53 19 08 W117 45 12 9.5SW 16°E (2014) UTC-7(6) Elev 4006´ A5014 LO2 CAP RCAP
OPR	Yellowhead County 780-865-4474/712-1870 Reg
PF	A-1 D-1,2,3,4,5,6
FLT PLN **FIC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-865-5394 (see COMM) ALTIMETER/WIND 780-865-4474 or 780-712-1870 ltd hrs (see COMM) WxCam



SERVICES	Call out chg may be levied for svcs.
FUEL	JA-1 888-778-8765
OIL	80, 100
RWY DATA	Rwy 02(023°)/20(203°) 4510x100 ASPH Thld 02 displ 205' Thld 20 displ 307´ Rwy 20 up 0.42% AGN II
RCR	Opr
LIGHTING	02-(TE ME) V1, 20-(TE ME) V1 ARCAL-123.2 type K
COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) ltd hrs O/T tfc 123.35 5NM 7000 ASL
AUTO	122.55
CAUTION	Hinton/Entrance A/D 4.2NM N.

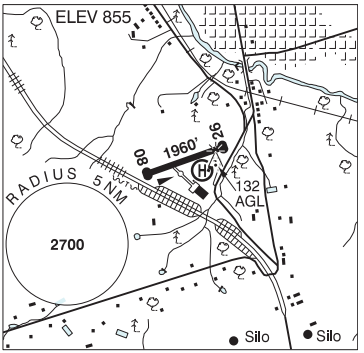
H & M FAST FARMS SK — See SPIRITWOOD / H & M FAST FARMS

HOCKEY AB — See NAMPA / HOCKEY

HOLLAND LANDING AIRPARK ON

CLA4

REF	N44 05 22 W79 29 42 Adj S 11°W UTC-5(4) Elev 855´ VTA A5000
OPR	Holland Landing Airpark 905-853-0524 Reg PPR
PF	C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1, 6
RWY DATA	Rwy 08(081°)/26(261°) 1960x60 ASPH Rwy 08 down 1%.

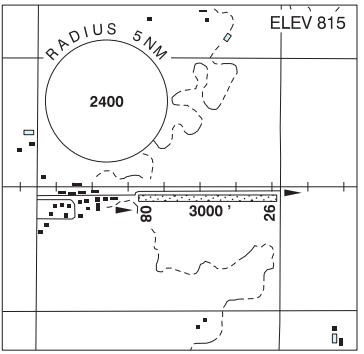


COMM ATF	UNICOM 123.2 3NM 2900 ASL
PRO	After tkof fr rwy 26 turn left 5° as soon as practicable.
CAUTION	Wildlife frequently in vic of aprt. Obstacles on apch to rwy 08. Vertical drop at end of both rwys. Extv heli activity in area. Vertical drops N of rwy. Twr 132 AGL adj helipad.

HOMEWOOD MB

CJT8

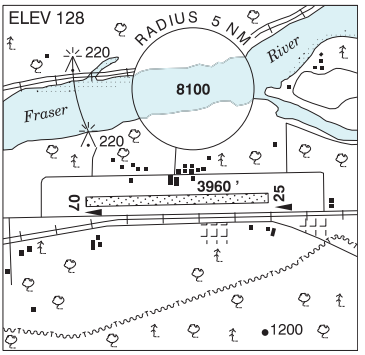
REF	N49 30 33 W97 51 02 Adj E 4°E (2015) UTC-6(5) Elev 815´ VTA A5007
OPR	R. Hill 204-745-2607 Reg PPR
PF	C-1
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL	100LL 100
RWY DATA RCR	Rwy 08(086°)/26(266°) 3000x70 GRASS Opr No win maint



COMM ATF	tfc 123.2 5NM 3900 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	Grain elevator on apch Rwy 08. Low flying agricultural ops vic.

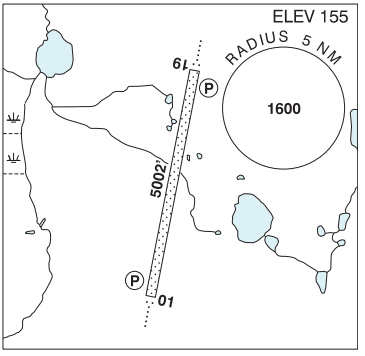
HOPE BC — CYHE

REF	N49 22 06 W121 29 53 2.6W 17°E (2012) UTC-8(7) Elev 128´ A5004
OPR	Fraser Valley Regional District 604-869-2819 Reg
PF	B-1,2 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 Tml advsy fcst in VFR rte fcst (dur DT only), issue times: 14, 17, 20, 23Z. WxCam
SERVICES	
FUEL	100LL, JA-1 Self-serve/cardlock
OIL	15W50
RWY DATA	Rwy 07/25 3960x250 GRASS
RCR	Caretaker 604-869-2819 No win maint. Rwy may be soft dur win & spring.
COMM	
RCO	Pacific rdo 125.850 (FISE) 126.7 (bcst)
ATF	tfc 123.3 5NM 3100 ASL
PRO	Powered acft ops S of ldg area markers, gliders ops N.
CAUTION	Extv glider activity. Helicopter activity ½ mile SE. Mtns terrain, anticipate turbulence & wind shear.



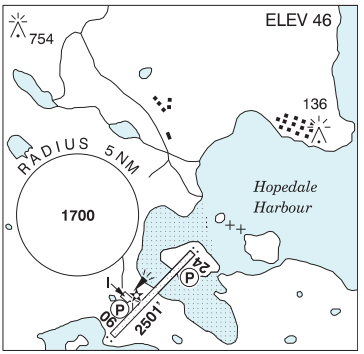
HOPE BAY NU — CHB3

REF	N68 09 40 W106 36 56 10°E (2015) UTC-7(6) Elev 155' A5036 A5042 LO5 HI1 HI2 RCAP
OPR	Agnico Eagle Mines Ltd. 416-947-1212 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada and USA)
RWY DATA	Rwy 01(011°T)/19(191°T) 5002x131 GRVL Rwy 01 down 0.88%
RCR	Opr Ltd win maint.
LIGHTING	01-AO(ME) P2 4°, 19-AO(ME) P2
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3200 ASL



HOPEDALE NL — CYHO

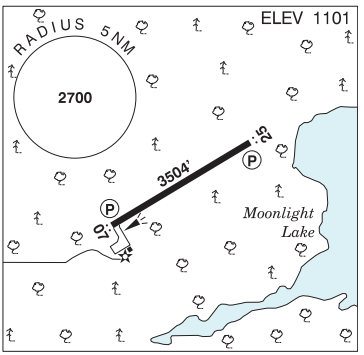
REF	N55 26 56 W60 13 41 1W 21°W (2021) UTC-4(3) Elev 46´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 06(065°)/24(245°) 2501x75 GRVL
RWY CERT	Rwy 06/24 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-933-3899/3715
LIGHTING	06-AS(TE ME) AP 4°, 24-AS(TE ME) AP 4° ARCAL-122.8 type K key mic 7 times for RILS.
COMM	
RCO	London rdo 123.65 (FISE) 126.7 (bcst)
ATF	tfc 122.8 5NM 3000 ASL See PRO section
PAL	Gander Ctr 135.4
INTL AIR	Gander rdo 120.55
PRO	Rgt hand circuits Rwy 06 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.



HORIZON AB — See FORT MACKAY / HORIZON

HORNEPAYNE MUNI ON — CYHN

REF	N49 11 35 W84 45 34 1.3SSE 8°W (2013) UTC-5(4) Elev 1101´ A5008 LO4 RCAP
OPR	Township of Hornepayne 807-868-2020 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	Toronto IFR 888-217-1241 or 905-676-4590
SERVICES	11-19Z‡ May 1-Sep 30; 12-20Z‡ Oct 1-Apr 30. Call out chg may be levied for one or more svcs. 807-228-2313
FUEL	JA-1
RWY DATA	Rwy 07(067°)/25(247°) 3504x75 ASPH Rwy 07 down 0.36%.
RCR	Opr or 807-868-2641, 807-229-6999 Ltd hrs
LIGHTING	07-AS(TE ME) AP, 25-AS(TE ME) AP ARCAL-122.8 type J



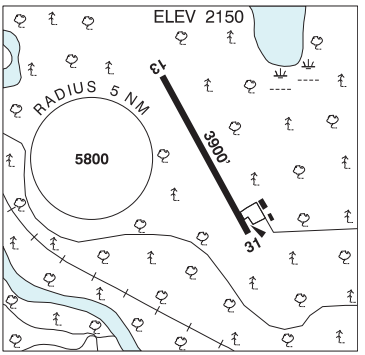
HORNEPAYNE MUNI ON (Cont'd) CYHN

COMM	
DRCO	London rdo (Ameson) 126.7 (FISE) (may not be receivable on ground)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL
CAUTION	Mdt to severe subsidence, turbulence & wind shear poss. Hornepayne water A/D 5W on 122.8.

HOSKIN ON — See PORT PERRY / HOSKIN

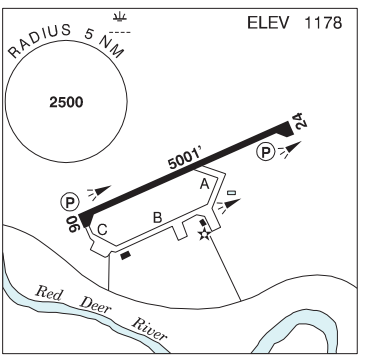
HOUSTON BC CAM5

REF	N54 26 W126 47 5NW 19°E (2012) UTC-8(7) Elev 2150´ A5013 LO1 HI3
OPR	District of Houston 250-845-2238 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 13(133°)/31(313°) 3900x66 ASPH
RCR	Opr 16-24Z‡ Mon-Fri Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5200 ASL
NAV	
VOR/DME	YYD 114.7 Ch 94 N54 27 08 W126 39 03 (4191')
CAUTION	Fence 200' fr edge of Thld Rwy 31. 2´ drop fr paved rwy all sides.



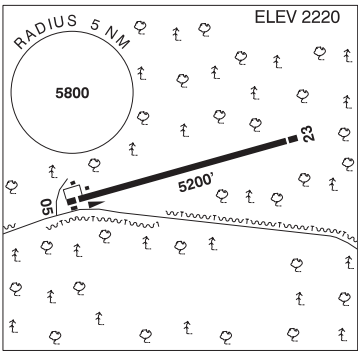
HUDSON BAY SK CYHB

REF	N52 49 06 W102 18 40 4SE 8°E (2013) UTC-6 Elev 1178´ A5016 LO2 HI4 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 06(060°)/24(240°) 5001x100 ASPH AGN IIIA
RCR	District Office 306-953-3550 or Opr, ltd hrs Ltd win maint.
LIGHTING	06-(TE ME) P2, 24-(TE ME) P2 ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4200 ASL
CAUTION	Extv bird activity Apr-Oct. Wildlife on or in vic rwy.



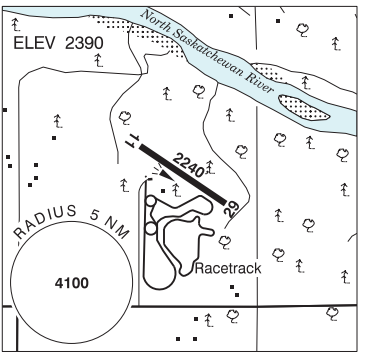
HUDSON'S HOPE BC — CYNH

REF	N56 02 08 W121 58 33 3WNW 19°E (2012) UTC-7 Elev 2220´ A5014 A5022 LO1
OPR	Dist of Hudson's Hope 250-783-9901 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5
RWY DATA	Rwy 05/23 5200x100 ASPH Thld 05 displ 200´ ldg Thld 23 displ 200´ ldg.
RCR	Opr Ltd win maint 1530-23Z Mon-Fri
COMM	
ATF	tfc 123.2 5NM 5200 ASL
CAUTION	50´ trees along both edges of rwy to within 50´ of Thld 23. Rwy sfc deteriorating along both edges. Lateral rwy crack 250´ fr Thld 05.



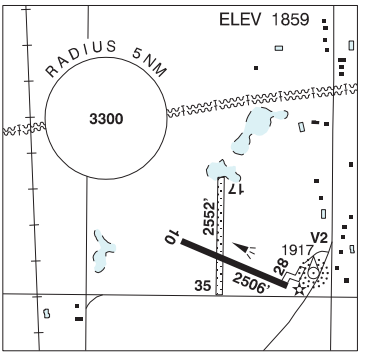
HUGGETT / GOODWOOD FIELD AB — CGF5

REF	N53 20 43 W114 09 21 2NW 15°E (2017) UTC-7(6) Elev 2390' VTA A5015
OPR	Geffo Building Ltd. 780-996-7881 Reg PPR
PF	D-1,2,3,4,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5
RWY DATA	Rwy 11(109°)/29(289°) 2240x50 GRASS
RCR	780-718-4142 Ltd win maint
COMM	
ATF	tfc 123.2 2NM below 4600 ASL
PRO	For VFR routes see Edmonton VTPC or as directed by ATC. Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.



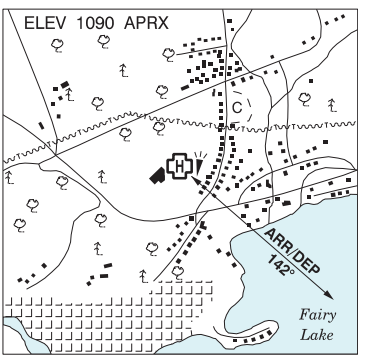
HUMBOLDT SK — CJU4

REF	N52 10 36 W105 08 01 1S 10°E (2014) UTC-6 Elev 1859´ A5006 A5015 A5016 LO2 CAP
OPR	City 14-23Z Mon-Fri exc hols 306-682-2532, 306-231-5425 O/T 306-231-8502/8966/4993 Fax 306-682-3144 Reg
PF	B-1 C-2,3,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	100LL 14-23Z Mon-Fri exc hols O/T call out chg 1,2,3
RWY DATA **RCR**	Rwy 10(105°)/28(285°) 2506x75 ASPH AGN II Rwy 17(167°)/35(347°) 2552x75 GRASS Opr Rwy 17/35 No win maint.
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 4900 ASL
NAV **NDB**	V2 277 (M) N52 10 29 W105 07 28 Pvt Unmonitored



HUNTSVILLE (MEM DISTRICT HOSP) ON (Heli) — CPC9

REF	N45 20 25 W79 12 23 Adj NE 11°W UTC-5(4) Elev 1090' aprx A5000
OPR	Huntsville Mem District Hosp 705-789-2311 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 142° fr heli, slope 8% (H3) day/night use.

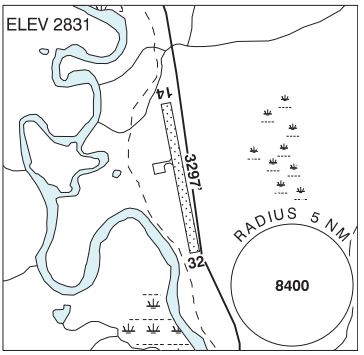


HURONIA ON — See MIDLAND / HURONIA

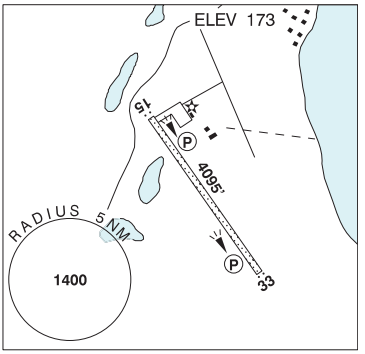
HYLAND YT

CFT5

REF	N61 31 26 W128 16 11 22°E (2012) UTC-7 Elev 2831´ A5029
OPR	Govt of Yukon Territory, Haines Junction 867-634-2046 or 867-993-7709 Mon-Fri Reg
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA **RCR**	Rwy 14(146°)/32(326°) 3297x100 gravel Opr No maint
COMM **ATF**	tfc 123.2 5NM 6000 ASL
CAUTION	Watch for soft spots on rwy and apron, tundra tires recommended.



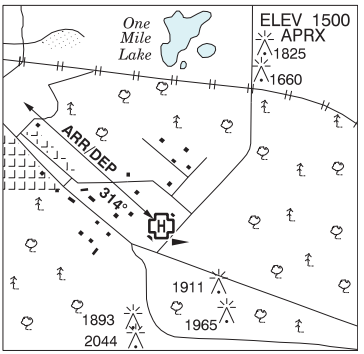
IGLOOLIK NU CYGT



REF	N69 21 53 W81 48 59 24°W (2023) UTC-5(4) Elev 173´ A5043 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-934-8947 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 18-21Z‡ Sun issue time: 1810Z‡ TAF 13-22Z‡ Mon, Tues & Fri issue times: 1240Z‡ TAF 12-21Z‡ Wed issue time: 1140Z‡ TAF 12-22Z‡ Thu issue time: 1140Z‡ TAF 17-20Z‡ Sat issue time: 1710Z‡ exc federal observed hols.
SERVICES	Call out chg may be levied outside oprg hrs.
FUEL	JA-1 14-23‡ Mon-Sat exc hols, O/T call out chg PN 867-201-2065, 867-201-1028 Credit cards accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
S	6
RWY DATA	Rwy 15(146°T)/33(326°T) 4095x100 GRVL Rwy 33 up 0.5%
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Maint Contractor 867-934-8830/8947 A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN 867-201-0531. Call out chg may be levied. PLR/PCN
LIGHTING	15-AS(TE ME) AP, 33-AS(TE ME) AP ARCAL-122.1 type K (See CAUTION).
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1700-2130Z‡ Sun, 11-22Z‡ Mon & Tue, 10-21Z‡ Wed, 10-22Z‡ Thu, 11-22Z‡ Fri, 1600-2030Z‡ Sat, exc federal observed hols.
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

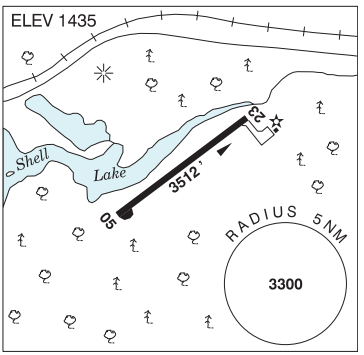
IGNACE (MBCHC) ON (Heli) CJN3

REF	N49 24 27 W91 38 04 1E 2°W (2014) UTC-6 Elev 1500´ aprx A5001 A5008
OPR	Mary Bergland Community Health Centre 807-934-2251 Reg PPR
PF	B-1 C-2,3,5
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES PVT ADV	Fire Base 122.9
HELI DATA RCR	FATO 90' dia CONC TLOF 40' x 40' CONC Safety Area 105' dia Max heli overall length 55' Opr
COMM ATF	tfc 122.8 5NM 4500 ASL
PRO	For Easterly dep, taxi to W end of clearing. Arr/dep 314° fr heli.
CAUTION	Numerous comm twr vic, see A/D sketch.



IGNACE MUNI ON CZUC

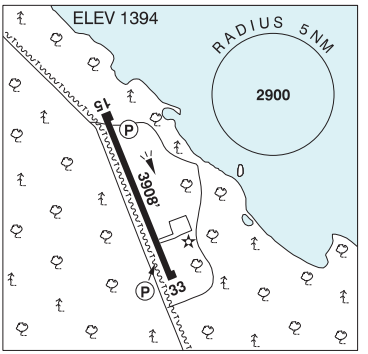
REF	N49 25 47 W91 43 04 2.5NW 1°W UTC-6 Elev 1435´ A5001 A5008 LO4
OPR	Township 807-934-2202 Reg
PF	C-1,2,3,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	Ctc opr 4
RWY DATA RCR	Rwy 05(052°)/23(232°) 3512x75 ASPH Opr No win maint Oct 01-May 15
COMM ATF	tfc 122.8 5NM 4500 ASL
CAUTION	Lgtd twr 1594 ASL (150 AGL) 0.4NM NW of A/D.



ÎLE-À-LA-CROSSE SK

CJF3

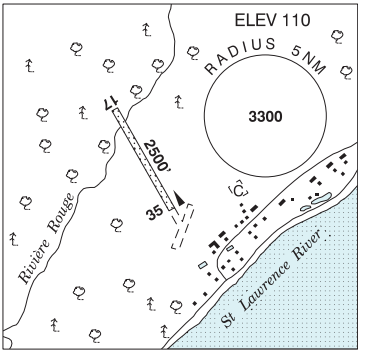
REF	N55 29 23 W107 55 51 3N 13°E (2012) UTC-6 Elev 1394´ A5015 LO1 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
SERVICES **S**	6
RWY DATA **RCR**	Rwy 15(145°)/33(325°) 3908x75 paved - TBS AGN II District office 306-236-7650 or Opr Ltd win maint
LIGHTING	15-(TE ME) P1 3.5°, 33-(TE ME) P1 3.0° ARCAL-123.2 type K
COMM **RCO**	Edmonton rdo (Buffalo Narrows) 123.275 (FISE) (may not be receivable on the ground)
ATF	tfc 123.2 5NM 4400 ASL
CAUTION	Extv bird activity Apr-Oct.



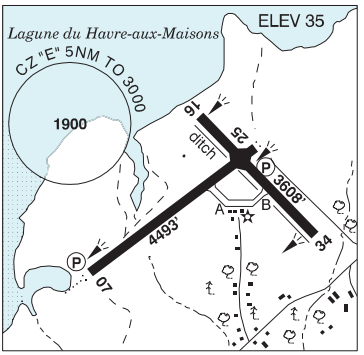
ÎLE AUX COUDRES QC

CTA3

REF	N47 23 22 W70 23 04 1.3SW 17°W (2014) UTC-5(4) Elev 110´ A5002
OPR	Services d'aviation Wyman 438-832-2983 or 514-607-4987 Reg
PF	A-1 C-2,4,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	1,4
RWY DATA **RCR**	Rwy 17/35 2500x40 GRASS/GRVL Opr No win maint
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.7 5NM 3200 ASL
CAUTION	Rwy across ditch 320´ fr Thld 17.



ÎLES-DE-LA-MADELEINE QC — CYGR



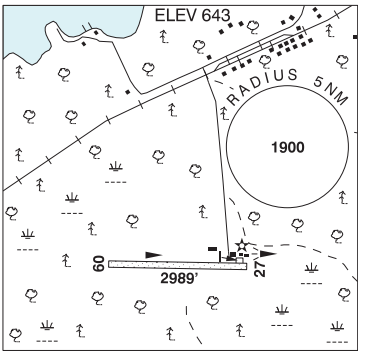
REF	N47 25 30 W61 46 41 1.7NE 19°W (2012) UTC-4(3) Elev 35´ A5003 LO8 HI6 CAP
OPR	TC (OPR) Aéropro (APM) 418-969-2180 Cert 09-03Z‡, Ldg fees (jet and turboprop acft only). Tml fees
PF	A-1,6,7 C-2,3,4,5
CUST	AOE/15 418-986-3480 or 1-888-226-7277 1200-2030Z‡ Mon-Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR 10-0330Z‡ O/T LWIS TAF 12-03Z‡, issue times: 12, 14, 20Z (DT 11, 14, 20Z).
SERVICES	
FUEL	JA-1 12-21Z‡ Mon-Fri exc hols, Voice Pager 418-937-3027 or 418-986-2135 O/T call out chg PN ctc svcs before dep fr origin.
S	4,6
SUP FL	D-ice 581-232-9970 or 418-360-3886
JASU	ELECT START 10/15 581-232-9970 or 418-360-3886
RWY DATA	Rwy 07(072°)/25(252°) 4493x150 ASPH Rwy 25 up 0.75% first 700´ Rwy 16(155°)/34(335°) 3608x150 ASPH Rwy 16 up 0.7%
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IIIA Rwy 16 RVR 1200(1/4sm) Day only /Rwy 34 RVR 1200(1/4sm) Day only AGN IIIA
APRON	Acft prkg fees
RCR	APM Win maint 09-03Z‡ O/T 3 hrs PN 418-937-4210. H24 for Medevac 3 hrs PN. CRFI 1 hr PN, PLR/PCN
LIGHTING	07-AO (non-std lgt spacing every 394') (TE ME) P2, 16-(TE ME), 25-AS(TE ME) P2, 34-(TE ME) ARCAL-123.15 type K
COMM	(bil)
RADIO	Madeleine rdo 123.15 (V) 1000-0330Z‡ (emerg only 418-969-4332)
RCO	Mont-Joli rdo 123.15 (RAAS) 0330-1000Z‡ Quebec rdo 123.55 (FISE) 126.7 (bcst)
MF	rdo 1000-0330Z‡ O/T Mont-Joli 123.15 25NM 3000 ASL (CAR 602.98)
PAL	(Grindstone) Moncton Ctr 134.35 (English only)
NAV	
DME	GRINDSTONE YGR 112.0 Ch 57 N47 25 49 W61 46 26 (45')
LOC	IGR 109.9 (Rwy 07) LOC reliable only within 10° either side of centreline.
PRO	Pilots oprg btwn CYGR and CYGP A/Ds may req ATC msgs fr Moncton Ctr in French via relay thru Madeleine rdo.
CAUTION	Bird Activity. Waste Management Centre in proximity of AD.

ÎLES-DE-LA-MADELEINE FSS - RCO

Cross reference to MADELEINE RADIO - RCO

ILFORD MB — CZBD

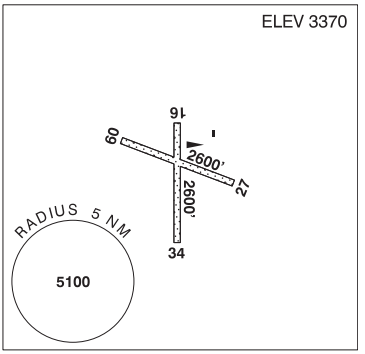
REF	N56 03 06 W95 37 05 1.5 SSW 1°E (2013) UTC-6(5) Elev 643´ A5016 A5024 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-288-4345 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)



RWY DATA	Rwy 09(089°)/27(269°) 2989x75 crushed rock
RWY CERT	Rwy 09/27 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-288-4325 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-288-4345
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM **ATF**	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

INDUS / WINTERS AIRE PARK AB — CFY4

REF	N50 54 W113 47 1SW 15°E (2012) UTC-7(6) Elev 3370´ VTA A5005
OPR	Blue Yonder Avn 403-936-5767 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC** **ACC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES **FUEL** **S**	MG-1 1,2

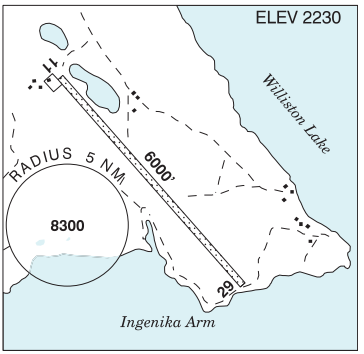


RWY DATA	Rwy 09(096°)/27(276°) 2600x75 GRASS Rwy 16(165°)/34(345°) 2600x75 GRASS
RCR	Opr Ltd maint, sfc ruf.
COMM **ATF**	tfc 123.2 5NM 4800 ASL

INGENIKA BC

CAP6

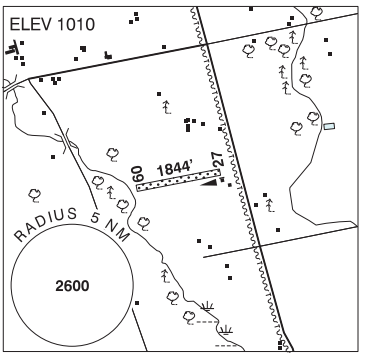
REF	N56 47 26 W124 53 48 18°E (2020) UTC-8(7) Elev 2230´ A5022
OPR	British Columbia Ministry of Forests, Aviation Duty Officer 250-312-3020 Reg
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 11/29 6000x100 GRVL Opr No win maint. Apron rstd to Air Tanker ops.
COMM ATF	tfc 123.2 5NM 5200 ASL
CAUTION	Horses ocsl at large in vic of rwy. Areas of loose gravel and exposed large stones.



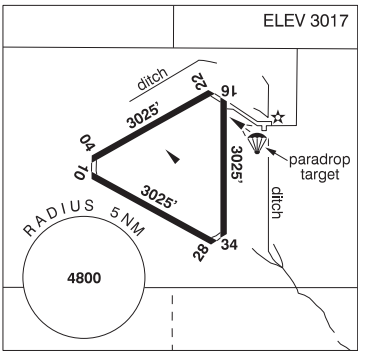
INNERKIP ON

CNR2

REF	N43 13 57 W80 41 41 1.4N 9°W (2015) UTC-5(4) Elev 1010' VTA A5000
OPR	Larry Ernewein 519-469-3874 Reg PPR
PF	B-1 C-2,3 D-4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(088°)/27(268°) 1844x80 GRASS Opr No win maint. Rwy soft when wet.
COMM ATF	tfc 123.2 5NM 4000 ASL
CAUTION	P-line 60 AGL E Thld 27. Trees 50 AGL W Thld 09.

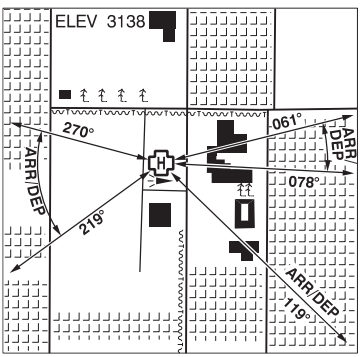


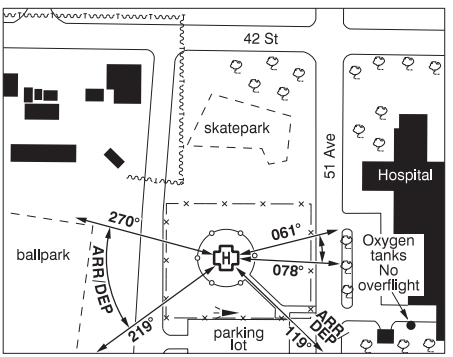
INNISFAIL / BIG BEND AB — CEM4



REF	N52 04 43 W114 01 39 3.9NW 15°E (2013) UTC-7(6) Elev 3017´ A5005 A5015 LO2
OPR	Innisfail Flying Club 403-713-0126, 403-396-5720 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
OIL	15W50
S	5
RWY DATA	Rwy 04(045°)/22(225°) 3025x100 ASPH/GRVL Rwy 10(105°)/28(285°) 3025x100 ASPH/GRVL Rwy 16(165°)/34(345°) 3025x100 ASPH
RCR	Opr Ltd maint. Rwys 04/22 & 10/28 no win maint, sfc ruf.
LIGHTING	16-(TE ME), 34-(TE ME) ARCAL-123.0 type K
COMM	
ATF	tfc 123.0 3NM 6000 ASL
PRO	Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Glider activity. Parachuting vic of aprt dur daylight hrs 12,500 ASL and below.

INNISFAIL (HOSP) AB (Heli) — CSF2





REF	N52 01 10 W113 57 13 Adj 15°E (2013) UTC-7(6) Elev 3138' A5005 A5015
OPR	Town of Innisfail 403-227-3376 1530-2330Z‡ Mon-Fri, O/T 403-350-1927 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)

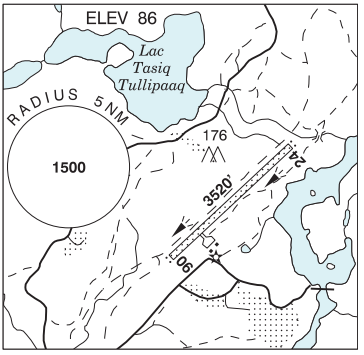
INNISFAIL (HOSP) AB (Heli) (Cont'd) CSF2

HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW (ME) Green ARCAL-123.05 type K
COMM	
ATF	tfc 123.0 4NM 6100 ASL
ARR	Edmonton Ctr 132.85
DEP	Edmonton Ctr 132.85
PRO	Arr/dep 061° to 078°, 119° and 219° to 270° fr heli, (H1) NVIS rqrd for night use, all flt paths (CAR 602.96). Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	P-lines NW. Trees to 70' AGL NE thru SE. Lgtd lamp posts adj N. Glider and Parachuting activities (local area) operating from Innisfail A/D CEM4.

INTL PEACE GARDEN ND USA — See DUNSEITH / INTL PEACE GARDEN

INUKJUAK QC CYPH

REF	N58 28 19 W78 04 37 Adj NW 17°W (2020) UTC-5(4) Elev 86´ A5026 LO5 HI1 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO (see COMM). TAF H24, issue times: 00, 06, 12, 18Z. WxCam



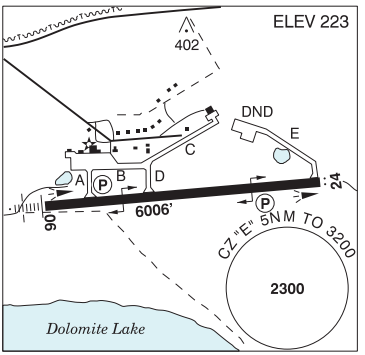
SERVICES	
FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-254-8608 13-22Z‡ Mon-Fri O/T COOP 819-254-8969 svc chg. Visa and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA	Rwy 06(064°)/24(244°) 3520x100 GRVL. Rwy 06 up 0.69% first 1015'. Rwy 24 up 0.41% first 2214'.
RWY CERT	Rwy 06/24 AGN IIIA
RCR	Opr PLR/PCN
LIGHTING	06-AS(TE ME), 24-AS(TE ME) ARCAL-122.1 type K, RIL lctd 20' outside of rwy edge.

INUKJUAK QC (Cont'd) CYPH

COMM	
RCO	(bil) Québec rdo 123.55 (FISE) 126.7 (bcst)
MF	UNICOM (English only) ltd hrs O/T tfc 122.1 15NM 3100 ASL (CAR 602.98)
PAL	Montréal Ctr 119.15
UNICOM	122.1 (V) 1230-2230Z‡
AWOS	125.3 (English), 127.7 (French)
CAUTION	Possibility of caribou on rwy Oct-May. Daily radiosonde balloon launches with an ascent rate of 1000 ft/min between the hrs of 1115-1345Z and 2315-0145Z.

INUVIK (MIKE ZUBKO) NT CYEV

REF	N68 18 14 W133 28 59 6.5E 20°E (2021) UTC-7(6) Elev 223´ A5034 A5040 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt 877-989-1400 1500-0130Z‡ Mon, Wed-Fri, 1500-0230Z‡ Tue, ltd maint provided for sked pax flts during statutory hols and wknds Sep 1-May 31. O/T 1 hr PN ctc 867-678-0794, 877-989-1400 Cert
PF	A-1,3,6 avbl 1300-0400Z‡ A-2 avbl 1600-2200Z‡ Mon-Fri, 1900-2200Z‡ Sat, Sun & hols D-1,2,3,4,5,6



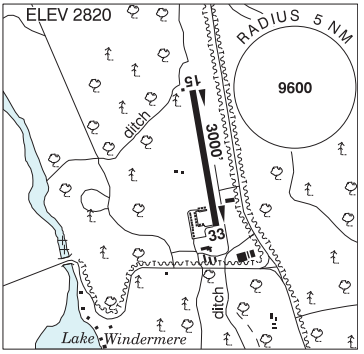
CUST	AOE/15 888-226-7277 16-24Z‡ dly exc hols
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR
OIL	Aeroshell 15W50
S	1,2,4,6
MIL CON	Arctic Petroleum Services 867-777-2682 Oprg hrs change frequently. Call stating requirements.
RWY DATA	Rwy 06(065°)/24(245°) 6006x150 ASPH Rwy 24 down 0.45% RAG: Rwy 06/24 BAK-12, B, (1500') NOTAM issued when cable is up
RWY CERT	Rwy 06/24 AGN IIIB
TWY CERT	Twy C AGN IIIA
TWY	Twy B, C - no VCS, Twy E - PVT, no VCS
RCR	Opr CRFI & win maint 1500-0130Z‡ Mon, Wed-Fri, 1500-0230Z‡ Tue, Nov 1-Apr 30, ltd maint provided for sked pax flt during statutory hols and wknds Sep 1-May 31. O/T 1 hr PN ctc 867-678-0794, 877-989-1400. PLR/PCN
LIGHTING	06-AN(TE HI) P2, 24-AS(TE HI) P2
COMM	
RADIO	122.3 262.7 PTC avbl (E) (emerg only 867-777-2522)
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst) 5680 (FISE)
ATIS	128.5 ltd hrs
MF	rdo 122.3 5NM 3200 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.4

INUVIK (MIKE ZUBKO) NT (Cont'd) CYEV

NAV	
NDB	INUVIK EV 254 (M) N68 19 34 W133 35 34
VOR/DME	INUVIK YEV 112.5 Ch 72 N68 18 29 W133 32 53 (259´)
DME	INUVIK IEV 110.3 Ch 40 N68 18 09 W133 29 54 (224´)
ILS	IEV 110.3 (Rwy 06) RVR LOC reliable only within 10° either side of centreline.
PRO	Due to jet blast concerns, acft proh turnaround near arrestor system located 1500' fr thresholds.
CAUTION	Radiosonde balloon launches fr N68 19 00 W133 31 00 (0.8NM NW thld 06) at 1115Z to 1129Z & 2315Z to 2329Z dly. INUVIK/Shell Lake water A/D 3NM W. When pilots advs DND is on site, acft requested to remain clear of DND hg. Ltd graded areas outside rwy edge.

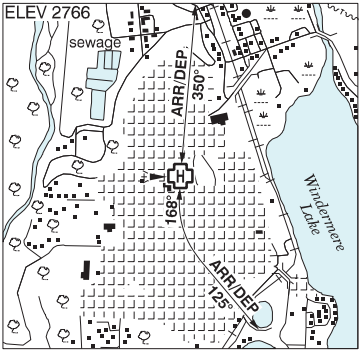
INVERMERE BC CAA8

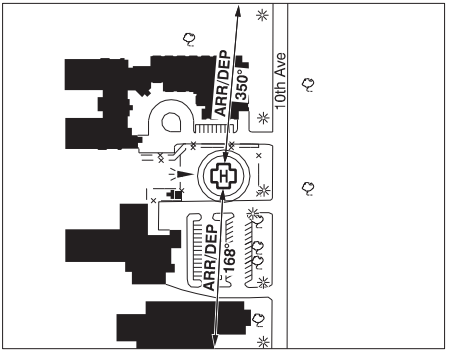
REF	N50 31 W116 00 1.4NE 16°E (2012) UTC-7(6) Elev 2820´ A5005
OPR	Babin Air 250-342-3565 Reg PPR Ldg fees apply
PF	A-1 B-2,5 C-3,4,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL PN
OIL	All
S	1,2,4,5,6 PN



RWY DATA	Rwy 15/33 3000x75 ASPH
RCR	Opr Ltd win maint
COMM	
RCO	Pacific rdo 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5900 ASL
PRO	Rgt hand circuits Rwy 15 (CAR 602.96).
CAUTION	Hang gliders/sailplanes in area E of hwy adj to rwy.

INVERMERE (DISTRICT HOSP) BC (Heli) CIV2

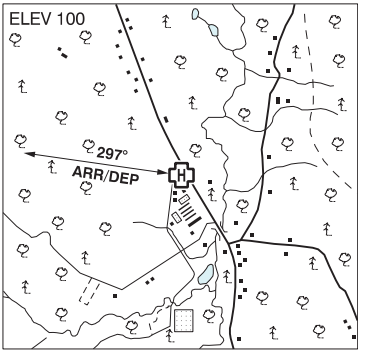




REF	N50 30 26 W116 01 57 Adj 15°E (2013) UTC-7(6) Elev 2766' A5005
OPR	Interior Health Authority 250-342-9201 NVG Compliant Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	
RCO	Pacific rdo 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM centered on Invermere A/D 5900 ASL
PRO	Arr/dep 350° fr heli, slope 28% (H1) day, NVG required for night use (CAR 602.96). Arr/dep curved 168° thru 125° fr heli, slope 14% (H1) day, NVG required for night use (CAR 602.96).
CAUTION	Numerous pkg lot lamp standards to 15' adj BLW 168° flt path marked and lgtd, P-line(s) adj E marked, power poles adj E marked and lgtd.

INVERNESS (CONSOLIDATED MEM HOSP) NS (Heli) CNV2

REF	N46 11 58 W61 17 29 2S 19°W (2014) UTC-4(3) Elev 100´ A5003
OPR	Cape Breton District Health Authority 902-258-2100 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	79´ x 79´ ASPH 108´ x 108´
LIGHTING	FH
COMM	
ATF	tfc 123.2 5NM 3100 ASL

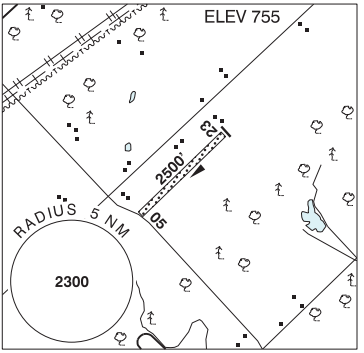


INVERNESS (CONSOLIDATED MEM HOSP) NS (Heli) (Cont'd) CNV2

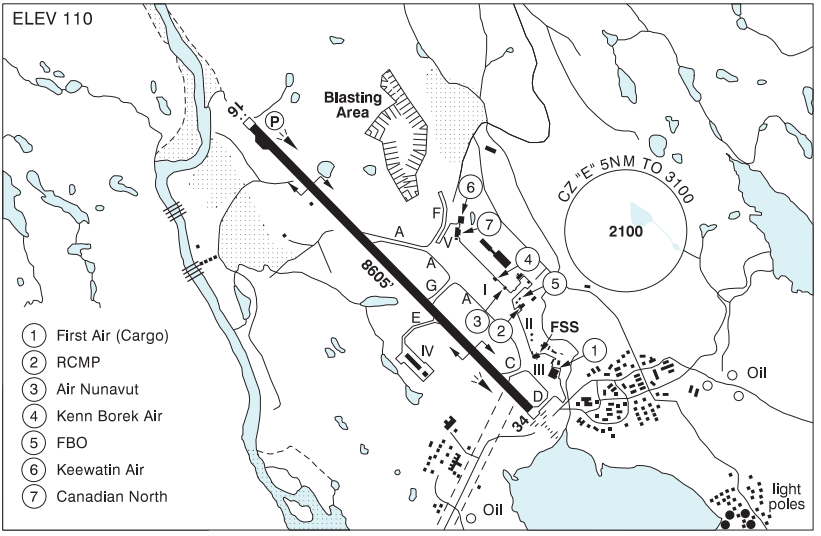
PRO	Arr/dep path 297° fr heli.
CAUTION	Unlgtd p-line along roadway east of pad.

IONA STATION (BOBIER STRIP) ON COS2

REF	N42 40 35 W81 27 04 2.7SW 9°W (2017) UTC-5(4) Elev 755' A5000
OPR	Robert Bobier 519-762-2486 Reg PPR May-Oct
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(055°)/23(235°) 2500x50 GRASS Opr No win maint. Rwy soft in spring. Rolling sfc.
LIGHTING	05-(LO 1600' lgtd O/R), 23-(LO 1600' lgtd O/R)
COMM ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Barn at Thld 23.



IQALUIT NU CYFB



REF	N63 45 24 W68 33 22 25°W (2022) UTC-5(4) Elev 110´ A5033 LO5 HI1 CAP
OPR	Nunavut Airport Services Ltd 867-877-6060 Cert
PF	A-1,2 (ltd hrs), 3,6 C-4,5

IQALUIT NU (Cont'd) CYFB

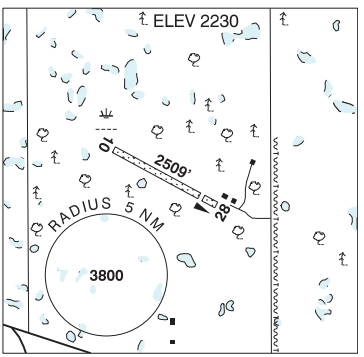
CUST	AOE/15 general aviation 888-226-7277 14-22Z‡ Mon-Fri exc hols O/T 1 hr PN. Thru flts should carry onward documentation to final destn in Europe or North America.
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	
FUEL	100LL ltd quantity, prior arrangements thru Uqsuq Corp 867-979-1620 or 867-979-2855 JA-1 (CON I IP JA-1)
OIL	All
S	1,2,4,5, O/R, 6
ARFF	PARTICIPATING CAT 5 1300-2200Z‡ Mon-Fri, O/T call out chg 12 hr PN. Cat 7 avbl with Operational Agreement in place, call out chg applies.
SUP FL	D & A-ice
JASU	Hobart 28V
PVT ADV	Frobisher Bay Touchdown Svcs FBO 123.35 867-979-6226 13-23Z‡ Mon-Fri, 14-22Z‡ Sat-Sun O/T 867-222-1202 1hr PN
MIL CON	Uqsuq Corp 867-979-2855 11-03Z‡ O/T call 867-222-2855. Call out chg.
RWY DATA	Rwy 16(161°)/34(341°) 8605x200 ASPH Rwy 16 down 0.45% RAG: Rwy 16 BAK-12 (1800'); Rwy 34 BAK-12 (1600') NOTAM issued when cable is up.
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN IV
TWY CERT	Twy E AGN IIIB
TWY	No vehicle control on twys C, D, & E. Twy E mil use only. PPR for Twy F.
APRON	Apron I, III: Follow taxi lines. Apron II: De-icing area. No acft prkg. Follow taxi lines. Apron IV: Mil use only. Follow taxi lines. Apron V: Prkg plan in effect. Follow taxi lines.
RCR	Opr 11-02Z‡ O/T 1.5 hrs PN Nunavut Airport Services 867-222-1037, call out chg. CRFI. Win maint 11-02Z‡ Mon-Fri, 12-24Z‡ Sat-Sun, O/T call out chg.
LIGHTING	16-AS(TE HI) P3, 34-AE(non std 700´) AS(TE HI) O/R Iqaluit FSS.
COMM	
RADIO	Iqaluit 122.2 296.2 PTC avbl (E) (emerg only 867-979-5865)
RCO	Québec rdo 123.275 (FISE) 5680 (FISE) 126.7 (bcst)
MF	Iqaluit rdo 122.2 within 5NM to 3100 ASL (CAR 602.98)
PAL	Montréal Ctr 134.55
INTL AIR	Gander rdo 126.9 2971 4675 8891 11279 NAT 'D' (SELCAL)
NAV	
NDB	FROBAY YFY 204 (H) N63 44 00 W68 32 53
VOR	FROBAY YFB 117.4 N63 44 30 W68 28 24 (394´)
DME	IFB 109.9 Ch 36 N63 45 00 W68 32 39 (112´)
ILS	IFB 109.9 (Rwy 34) RVR LOC reliable only within 10° either side of centreline.

IQALUIT NU (Cont'd) CYFB

PRO **HELI**	Rgt hand circuits Rwy 16 (CAR 602.96). Heli refuelling should land on apron.
CAUTION	Stationary vertical green laser lgt beam projection from facility at N63 44 49.7 W068 32 41.7 (aprx 1250' W of thld Rwy 34). Beam diverges by factor of 10 with beam dia aprx 10' at 2000 AGL and aprx 30' at 6000 AGL abv lgt source. Laser lgt beam may be injurious to eyes within 3370' vertically of lgt source. Flash blindness could occur to 5400 ASL and cockpit illumination beyond this dist. Laser beam will be deactivated in precipitation conds. Blasting 0.5NM N sfc to 446 ASL ocsl by NOTAM. **Terrain:** Prominent terrain bordering rwy. **Windsocks:** Due to surrounding terrain, sfc winds may cause windsocks on aprt to show different wind directions. **Wildlife:** Possible presence of large animals within aprt perimeter. **Radiosonde:** Daily radiosonde balloon launches at 0.25NM W of Thld Rwy 34, with an ascent rate of 1000 ft/min between the hrs of 1115-1345Z and 2315-0145Z.

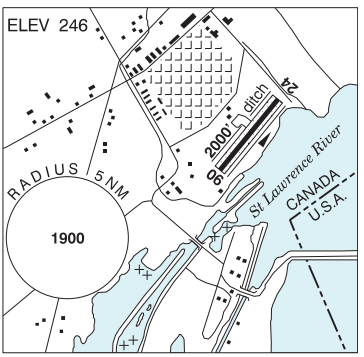
IRMA AB CFU8

REF	N52 54 44 W111 10 26 2.2E 14°E (2012) UTC-7(6) Elev 2230´ A5015
OPR	Gordon Oracheski 780-233-5452 Bill Oracheski 587-281-4221 Reg PN
PF	C-1,2,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 10(101°)/28(281°) 2509x65 oiled GRVL Thld 28 displ 310´. Opr Ltd win maint
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 5300 ASL
CAUTION	Hgr adj NE corner Thld Rwy 28. Ultra-light activity in vic.



IROQUOIS ON CNP7

REF	N44 50 31 W75 18 44 Adj S 14°W UTC-5(4) Elev 246´ A1905 A5000 A5002
OPR	Municipality of South Dundas 613-657-1646 Reg PPR
PF	B-1 C-2,4,5 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 06/24 2000x75 GRASS/ASPH, centre 23' ASPH Opr No win maint
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3200 ASL

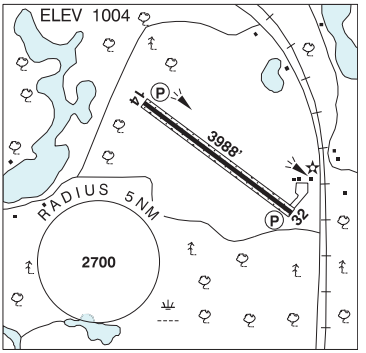


IROQUOIS ON (Cont'd) CNP7

PRO	Circuit practice flying proh. Rgt hand circuits Rwy 06 (CAR 602.96). Left hand circuits Rwy 24.
CAUTION	Lgt twr 75 AGL on apch to Rwy 24 aprx 2500' fr thld.

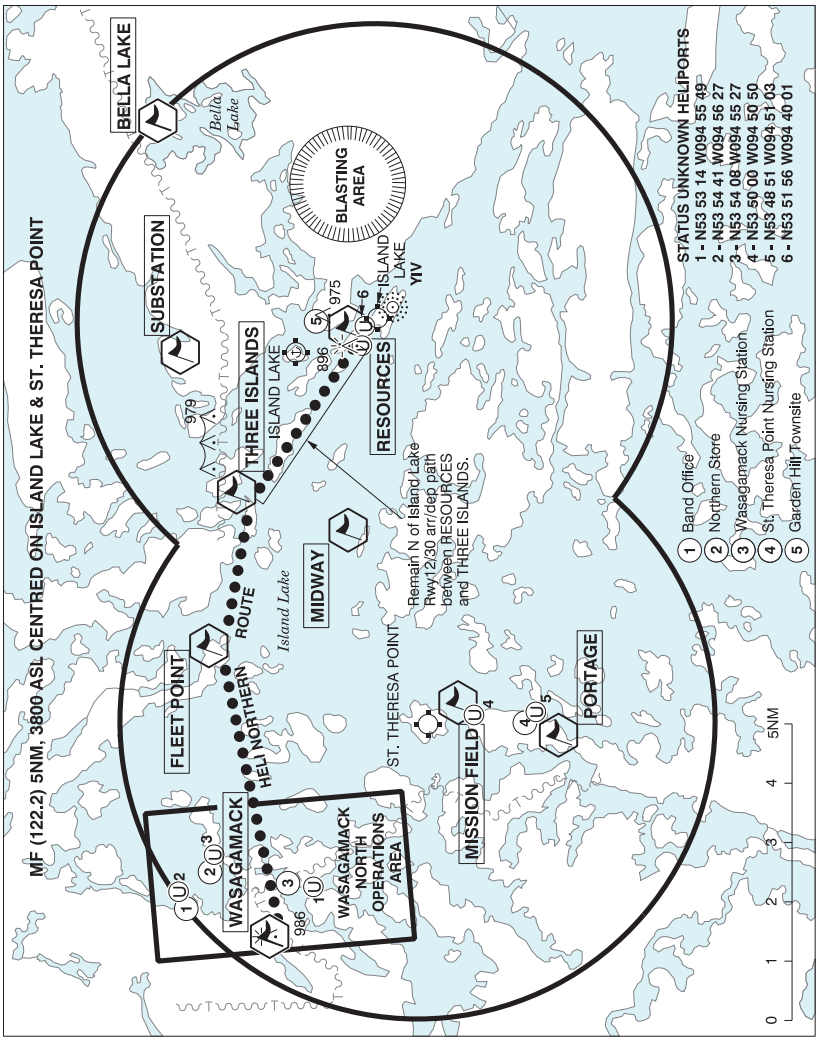
IROQUOIS FALLS ON CNE4

REF	N48 44 25 W80 47 36 5WSW 11°W (2013) UTC-5(4) Elev 1004' A5009 LO4 LO7
OPR	Town 705-232-8921 Reg
PF	B-1 C-2,3,4,5 D-6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 14(137°)/32(317°) 3988x100 GRASS, centre 75´ ASPH. Opr
LIGHTING	14-(TE ME) AP, 32-(TE ME) AP ARCAL-122.8 type K



COMM **ATF**	UNICOM 1330-23Z‡ O/T tfc 122.8 5NM 4000 ASL

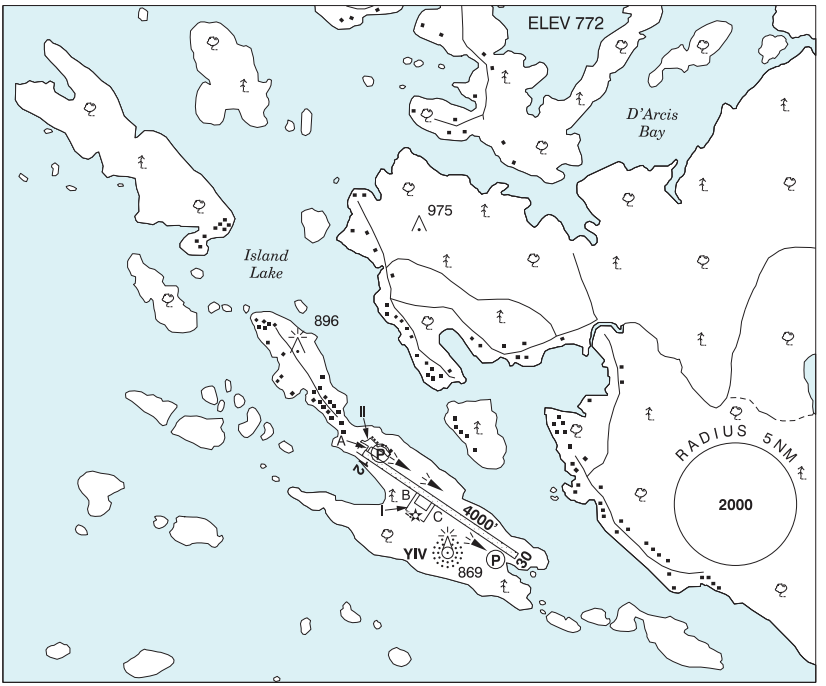
ISLAND LAKE - ST. THERESA POINT VFR TERMINAL PROCEDURES CHART



ISLAND LAKE - ST. THERESA POINT VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
BELLA LAKE	VCBEL	N53° 55' 00" W094° 34' 00"
FLEET POINT	VCFLP	N53° 54' 12" W094° 49' 06"
MIDWAY	VCMWY	N53° 51' 50" W094° 45' 50"
MISSION FIELD	VCMFD	N53° 50' 01" W094° 50' 46"
PORTAGE	VCPRG	N53° 48' 18" W094° 51' 45"
RESOURCES	VCRCS	N53° 51' 50" W094° 40' 00"
SUBSTATION	VCSUB	N53° 54' 34" W094° 40' 49"
THREE ISLANDS	VCTIS	N53° 53' 42" W094° 44' 42"
WASAGAMACK	VCWAS	N53° 53' 12" W094° 57' 30"

ISLAND LAKE MB CYIV



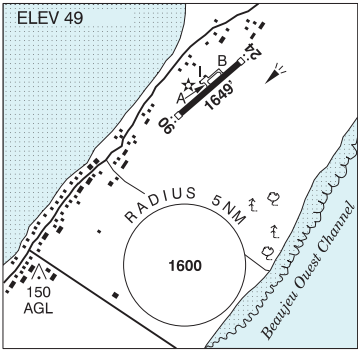
REF	N53 51 26 W94 39 13 5WNW 0° (2014) UTC-6(5) Elev 772´ A5017 LO3 HI4 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 431-752-4044 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡ & 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols

ISLAND LAKE MB (Cont'd) CYIV

FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) METAR AUTO H24 (see COMM). WxCam TAF H24, issue times: 01, 07, 13, 19Z.
RWY DATA **RWY CERT** **APRON** **RCR**	Rwy 12(122°)/30(302°) 4000x100 crushed rock Rwy 12/30 AGN IIIA Apron I & II: Ltd win maint APM 204-456-2736 13-18Z‡ & 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 431-752-4044
LIGHTING	12-(TE ME) P1, 30-(TE ME) P1 ARCAL-122.2 type K
COMM **RCO** **MF** **PAL** **AWOS**	 Thunder Bay rdo 122.2 (RAAS) Edmonton rdo 122.375 (FISE) 126.7 (bcst) Thunder Bay rdo 122.2 5NM 3800 ASL (CAR 602.98) Winnipeg Ctr 132.825 128.1
NAV **NDB** **DME**	 YIV 300 (M) N53 51 14 W94 39 12 YIL 116.0 Ch 107 N53 51 12 W94 39 12 (806´)
PRO	Heli Northern Route - Transiting heli keep N of route btwn RESOURCES and THREE ISLANDS VFR checkpoints to remain clear of arr/dep acft at Island Lake A/D.
CAUTION	Extv low lvl heli tfc within MF area dur break-up & freeze-up. See Island Lake - St. Theresa Point VTPC. St. Theresa Point A/D, 7NM W. Three twr hydro cable span centered on N53 54 09 W94 42 49 (3.5NM NW aprt) 200 AGL 979 ASL, red & white markings on span. Ocsl blasting 1.0NM radius N53 52 01 W94 35 22 (2.3NM ENE of aprt) 200 AGL (1000 ASL) by NOTAM. Unlgtd twr 975 ASL (200 AGL) 0.9NM N. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

ISLE-AUX-GRUES QC CSH2

REF	N47 04 20 W70 32 00 0.5NE 16°W (2020) UTC-5(4) Elev 49´ A5002
OPR	Transports Québec 418-241-1773 or 418-931-9317 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RWY CERT** **RCR**	Rwy 06(065°)/24(245°) 1649x75 ASPH Rwy 06/24 AGN I Opr 1200-2230Z‡ CRFI (winter)



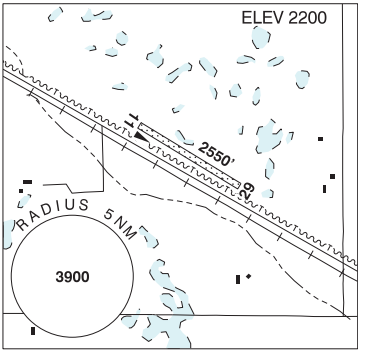
LIGHTING	06-AS(TE ME), 24-AS(TE ME) ARCAL-122.7 type K
COMM **MF**	(bil) Montmagny UNICOM ltd hrs O/T tfc 122.7 5NM joined to Montmagny MF circle by a corridor equal to the width of their diameter 2000 ASL (CAR 602.98), see MONTMAGNY / ISLE-AUX-GRUES VTPC.

ISLE-AUX-GRUES QC (Cont'd) CSH2

PRO	Rgt hand circuits Rwy 06 (CAR 602.96). **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	Extv bird activity Apr-Oct. Possibility of waterfowl hunters in vic of aprt Apr-May and Sep-Oct. Agriculture roads cross Rwy 06 & Rwy 24 apch 172' fr thld. Possibility of wildlife on rwy. Multiple unlgtd silos 122 ASL (90 AGL) aprx 0.2NM ENE fr Thld 24 (obst transition surface). Lgtd twr 214 ASL (159 AGL) aprx 0.7NM W Thld 06. OCSL blasting 7NM SW of A/D. **Night ops:** Only pilots familiar with lcl area should use this aprt dur hrs of darkness due to obst.

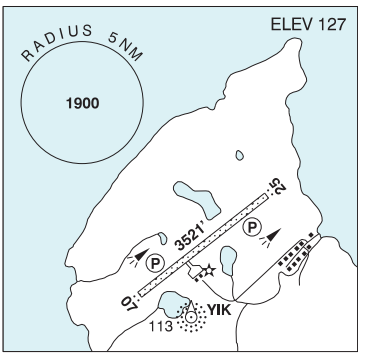
ITUNA SK CJM2

REF	N51 08 46 W103 25 34 2.6 SE 10°E UTC-6 Elev 2200′ A5006
OPR	Town 306-795-2272 Reg
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 11(110°)/29(290°) 2550x100 GRASS
RCR	Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 5200 ASL



IVUJIVIK QC CYIK

REF	N62 25 02 W77 55 31 20°W (2023) UTC-5(4) Elev 127′ A5032 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-922-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue times: 15Z‡.



SERVICES **FUEL**	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-922-9923 13-22Z‡ Mon-Fri O/T COOP 819-922-9922 svc chg. VISA and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.

IVUJIVIK QC (Cont'd) CYIK

RWY DATA	Rwy 07(069°)/25(249°) 3521x100 GRVL Rwy 07 up 1.4% first 2100´. Rwy 25 up 0.4% first 1411´.
RWY CERT	Rwy 17/35 AGN IIIA
RCR	Opr
LIGHTING	07-AS(TE ME) P2, 25-AS(TE ME) P2 ARCAL-122.1 type K
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1230-2230Z‡
NAV	
NDB	YIK 225 (M) N62 24 51 W77 55 28 Unmonitored when CARS clsd
CAUTION	Discrepancy btwn reported wind & actual wind fr Southern quadrant due to surrounding terrain.

JAMES ARMSTRONG RICHARDSON INTL MB — See WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL

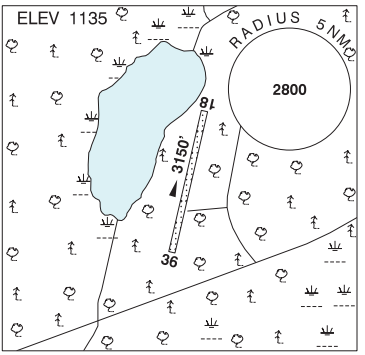
JAMES GRUBEN NT — See TUKTOYAKTUK / JAMES GRUBEN

JAMES T. FIELD MEMORIAL ON — See CENTRALIA / JAMES T. FIELD MEMORIAL

JAN LAKE SK

CKM4

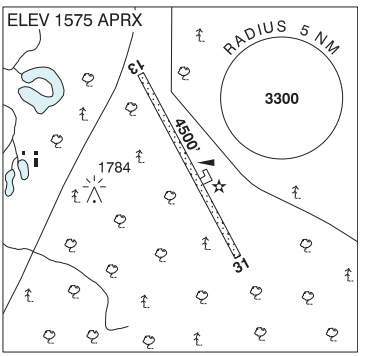
REF	N54 49 51 W102 47 19 6S 8°E (2013) UTC-6(5) Elev 1135´ A5016
OPR	Jan Lake Community Association Inc 306-632-2232 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18(185°)/36(005°) 3150x50 GRASS/SAND Rwy 36 slopes down. Opr No win maint
COMM ATF	tfc 122.8 5NM 4200 ASL
CAUTION	Trees within 50´ of rwy centreline on both sides.



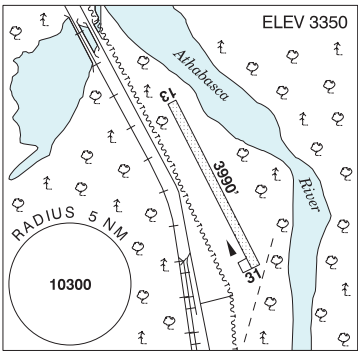
JANVIER AB

CEP5

REF	N55 54 W110 44 14°E (2012) UTC-7(6) Elev 1575´ aprx A5015
OPR	Muni of Wood Buffalo 780-743-7859 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 13(138°)/31(318°) 4500x100 GRVL Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Possibility of animals in vic and crossing rwy.



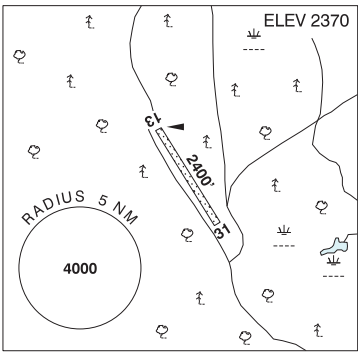
JASPER AB — CYJA



REF	N52 59 48 W118 03 34 7.2N 17°E (2012) UTC-7(6) Elev 3350´ A5014
OPR	Supt, Jasper National Park 780-852-6155 Reg Registration and dly ldg fees payable at kiosk. For ldg and Park fee options ctc 780-852-6220.
PF	B-1 D-2,3,4,5,6
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA	Rwy 13(136°)/31(316°) 3990x150 GRASS
RCR	Opr No win maint. Sfc ruf due to grass tufting. Rstd to acft 12,500 lbs or less.
COMM ATF	 tfc 123.2 5NM 6400 ASL
PRO	Ldg for emerg, diversions and non-commercial or recreational acft only. National Parks Acft Access Regulations enforced.
CAUTION	Elk may be on rwy.

JASPER-HINTON AB — See HINTON / JASPER-HINTON

JEAN LAKE AB — CFF3



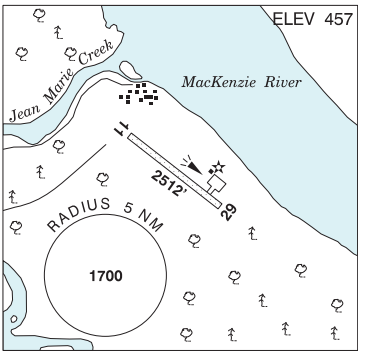
REF	N57 29 W113 53 16°E (2012) UTC-7(6) Elev 2370´ A5023
OPR	Environment and Sustainable Resource Development 780-743-7125 Reg
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 13(134°)/31(314°) 2400x100 GRASS
RCR	Opr Ltd maint. No win maint.
COMM ATF	 tfc 123.2 5NM 5400 ASL

JEAN LESAGE INTL QC — See QUÉBEC / JEAN LESAGE INTL

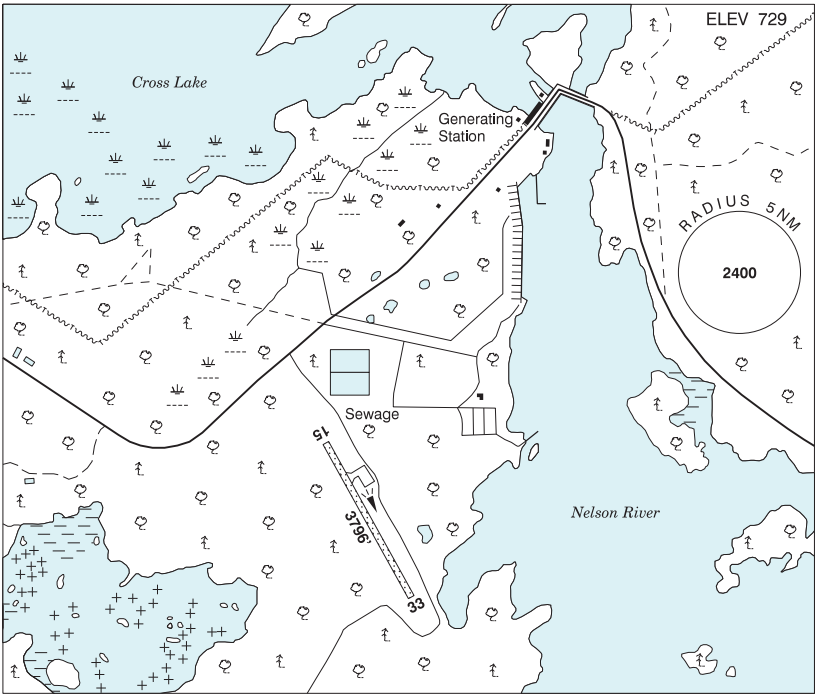
JEAN MARIE RIVER NT

CET9

REF	N61 31 21 W120 37 30 Adj 19°E (2016) UTC-7(6) Elev 457´ A5029 LO5 CAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt 877-989-1400 Reg
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 11(110°)/29(290°) 2512x59 GRVL/CLAY Rwy 11 up 0.43% first 1250´
RCR	Opr Win maint 1500-2330Z‡ Mon-Fri exc hols, O/T 2 hrs PN, ctc 867-491-4146. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	11-(TE ME), 29-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 3500 ASL
CAUTION	1200´ of loose sand prior to Thld 11.



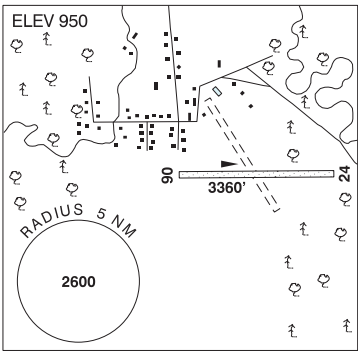
JENPEG MB CZJG



REF	N54 31 08 W98 02 46 1.6SW 3°E (2014) UTC-6(5) Elev 729´ A5016 LO3 CAP
OPR	Manitoba Hydro 204-833-1121 Reg PN
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 15(149°)/33(329°) 3796x100 GRVL Rwy 15 up 1.16% for first 803´. Opr Ltd win maint
LIGHTING	15-(TE LO), 33-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge.

JOHN D'OR PRAIRIE AB — CFG5

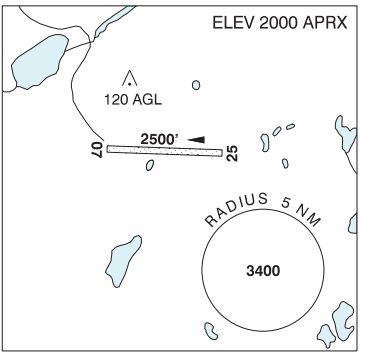
REF	N58 29 29 W115 08 18 Adj 17°E (2012) UTC-7(6) Elev 950´ A5023
OPR	Little Red River Cree Nation 780-759-3912 Reg PPR Ldg fees
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 06(070°)/24(250°) 3360x90 GRASS
RCR	Opr Ltd maint
COMM ATF	tfc 123.2 5NM 4000 ASL



JOHN G. DIEFENBAKER INTL SK — See SASKATOON / JOHN G. DIEFENBAKER INTL

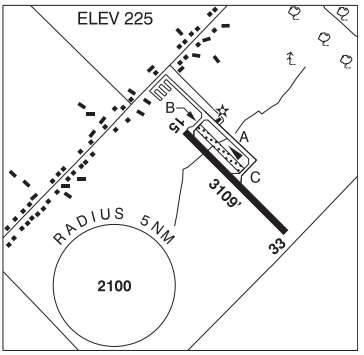
JOHNSON LAKE AB — CFL9

REF	N57 34 W110 19 14°E (2012) UTC-7(6) Elev 2000´ aprx A5023
OPR	Environment and Sustainable Resource Development 780-743-7125 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(078°)/25(258°) 2500x75 GRASS
RCR	Opr Ltd maint. No win maint. Sfc ruf.
COMM ATF	tfc 123.5 5NM 3200 ASL (see PRO)
A/G	tfc 123.2
PRO	Air traffic advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.



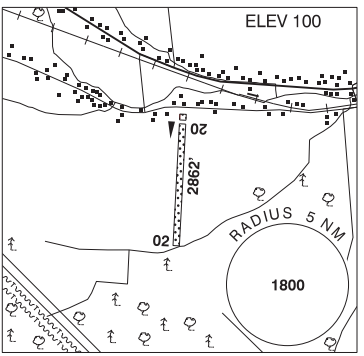
JOLIETTE QC — CSG3

REF	N46 02 41 W73 30 06 2.2NW 15°W (2014) UTC-5(4) Elev 225´ VTA A5002 LO6 LO7 LO8
OPR	Aéroclub de Joliette Inc 450-759-6252 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353
SERVICES **FUEL** **S**	 100LL, JA-1 PN 1,4,5,6
RWY DATA **TWY** **RCR**	Rwy 15(150°)/33(330°) 3109x75 ASPH Twy A rstd to acft wingspans less than 49' Opr Ltd win maint
LIGHTING	15-(TE ME), 33-(TE ME) ARCAL-123.5 type J
COMM **ATF**	 tfc 123.5 5NM 3300 ASL
PRO	Rgt hand circuits Rwy 15 (CAR 602.96). Grass/snow tkof/ldg area 1500x35 adj NE Rwy 15/33 btwn Twys B and C.
CAUTION	A/D Lourdes-de-Joliette 4.5NM NE, tfc 123.5. Possibility of NORDO ultra-light tfc in the circuit. Two lgtd twrs 512 ASL (253 AGL) 1NM NE of A/D. P-line 40 AGL aprx 1320' Thld 15.



JOLIETTE / ST-THOMAS QC — CJO2

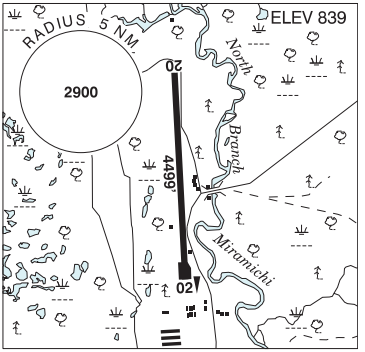
REF	N46 00 26 W73 22 58 1.5ESE 15°W (2016) UTC-5(4) Elev 100' VTA A5002
OPR	Robert Côté 450-757-0685 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN **FIC** **ACC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353
SERVICES **S**	 7
RWY DATA **RCR**	Rwy 02(018°)/20(198°) 2862x40 GRASS Thld 20 displ 129' Opr No win maint.
COMM **ATF**	 tfc 123.5 5NM 3100 ASL
CAUTION	Ditch along each side of rwy. Ltd graded area. Unmarked p-line 40 AGL, 200' Thld 20. A/D Joliette (CSG3) 5.5NM NW tfc 123.5.



JOSEPHBURG AB — See EDMONTON / JOSEPHBURG

JUNIPER NB CCE3

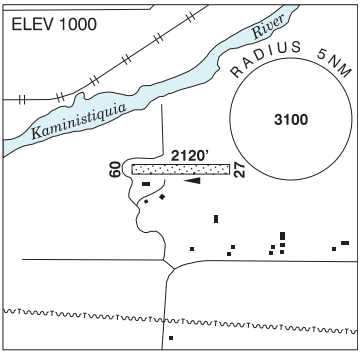
REF	N46 33 48 W67 10 06 2.5NE 18°W (2013) UTC-4(3) Elev 839´ A5003 LO8 RCAP
OPR	J.D. Irving Woodlands 506-632-7777 Reg PPR
PF	C-1 D-2,4,5
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA **RCR**	Rwy 02(015°)/20(195°) 4499x53 ASPH Opr Maint dur May-Oct. No win maint.
COMM **ATF**	tfc 123.2 5NM 3900 ASL
CAUTION	Water bombing tng over A/D. Hi trees on apch to Rwy 02.



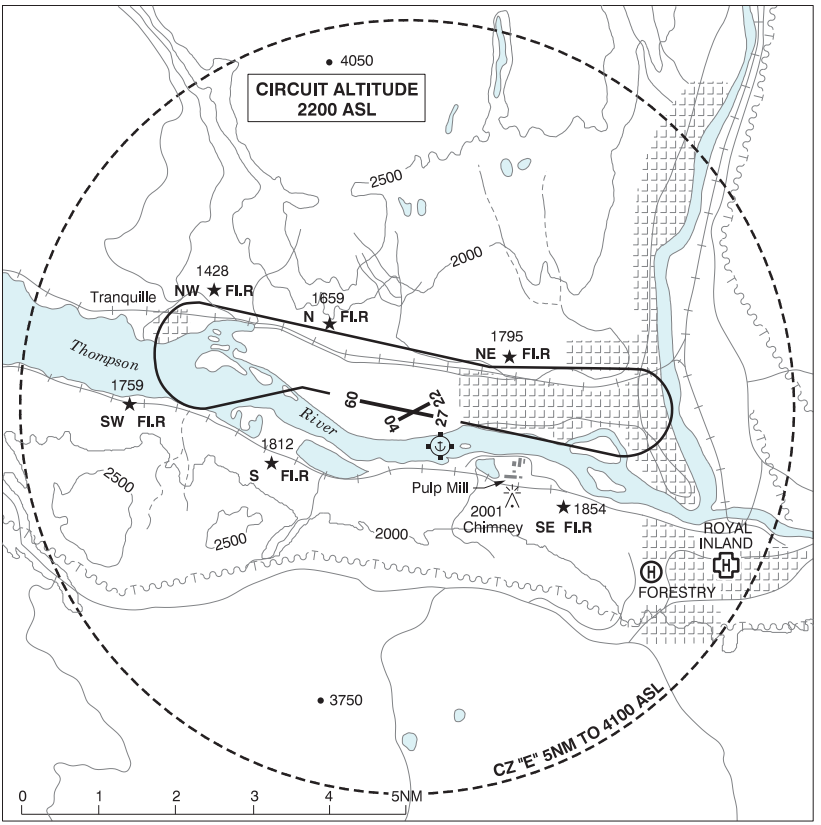
KAKABEKA FALLS ON

CKG8

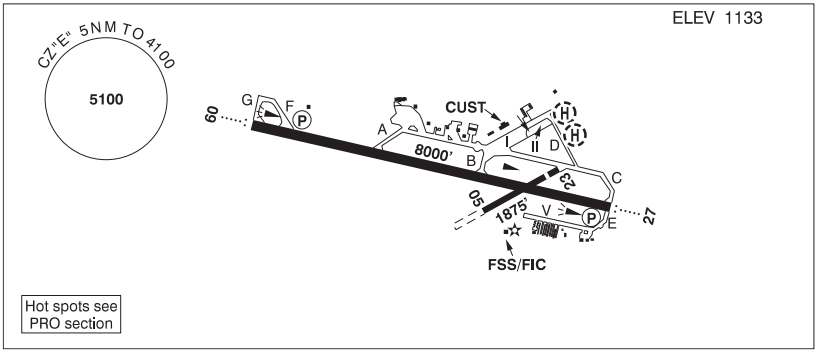
REF	N48 25 06 W89 36 07 1NE 2°W UTC-5(4) Elev 1000´ A5001 A5008
OPR	Kakabeka Falls Flying Club Inc 807-474-0970 or 807-627-7075 Reg PPR
PF	C-2
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09(088°)/27(268°) 2120x130 GRASS Opr No win maint. Rwy soft when wet.
COMM **ATF**	tfc 123.0 3NM 3000 ASL
CAUTION	Extv flt tng within 35NM W & N of Thunder Bay CZ to 6000 ASL. Seaplane tfc Adj N.



KAMLOOPS VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



KAMLOOPS BC CYKA



REF	N50 42 09 W120 26 55 5WNW 16°E (2016) UTC-8(7) Elev 1133´ A5004 LO2 HI3 CAP RCAP
OPR	Kamloops Aprt Ltd 250-376-3613 Cert
PF	A-1,2,3,6 C-4,5
CUST	AOE/15 1630-0800Z‡ AOE/30 1630-0030Z‡ Mon-Fri exc hols 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl)
OIL	80, 100, 120
S	1 (ltd), 2,3,4,5,6 (ltd)
ARFF	DESIGNATED CAT 6 14-08Z‡, O/T 2 hr PN 250-376-3233 call out chg
PVT ADV	Shell 123.0 250-376-7633; Executive Flight Centre 122.85 250-376-9069
MIL CON	Executive Flight Centre Fuel 250-376-9069
RWY DATA	Rwy 09(087°)/27(267°) 8000x148 ASPH Rwy 05(045°)/23(225°) 1875x49 ASPH Thld 23 displ 249'.
RWY CERT	Rwy 05/23 AGN I Rwy 09/27 AGN IIIB
TWY CERT	Twy: D, E AGN II
TWY	Twy A, no vehicle ctl first 600' W of Apron I. Twy E: Unlgtd
APRON	Apron 1: Uncontrolled, avbl to sked pax flt only. All acft must yield to acft in pushback from ATB. Prkg fees. Apron II: Uncontrolled, avbl for transient and itinerant prkg. All acft must yield to acft in pushback from ATB. Pilot/pax access via groundside Gate 10 only; no access/egress permitted via ATB. Prkg fees. Apron V: Uncontrolled, PPR for prkg on or within 25' of apn.
RCR	FSS Win maint 13-08Z‡ O/T 2 hrs PN cost recovery. CRFI, PLR/PCN.
LIGHTING	09-AO(TE ME) P2, 27-AO(TE ME) P2 ARCAL-125.7 type K avbl when FSS clsd PAPI limitation/restriction. PAPI Rwy 09 to be used only within 4NM of thld; PAPI Rwy 27 to be used only within 4NM of thld. Twy D RR.

KAMLOOPS BC (Cont'd) CYKA

COMM	
RADIO	125.7 PTC avbl (V) (emerg only 250-376-7941)
RCO	Pacific rdo 123.375 (FISE) 126.7 (bcst)
CLNC DEL	121.9 PTC avbl ltd hrs
MF	rdo 125.7 5NM 4100 ASL (CAR 602.98)
PAL	Vancouver Ctr 132.35 133.5 134.4 236.0
NAV	
DME	IKA 109.3 Ch 30 N50 42 14 W120 27 41 (1136')
ILS	IKA 109.3 (Rwy 09)
LOC	IPP 109.9 (Rwy 27) reliable only within 10° of centreline.
PRO	Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. Day: rgt hand circuits Rwys 05, 23 & 27 (CAR 602.96). Night: follow VTPC night circuit pro. Tkof and ldg in grass adj rwys by fixed-wing acft not auth.
CAUTION	Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Ngt ops not recommended unless all 6 hazard beacons are oprg. Hi terrain reduces operational length of Rwys 09 and 27 PAPI. Painted & lgtd twr 1253 ASL (128 AGL) aprx 250' beyond Thld 05 and aprox 2710' NW rwy centreline. Fuel facility (tanks 80 AGL) aprx 0.5NM NE A/D; no low alt heli ops.

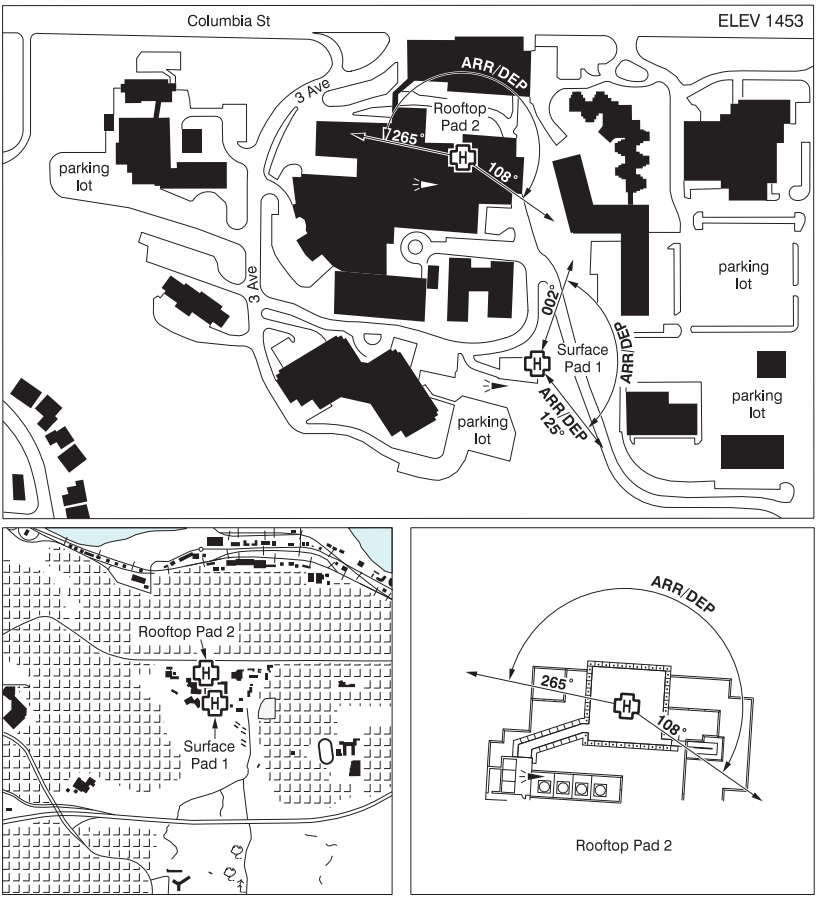
KAMLOOPS FIC – RCO

Cross reference to PACIFIC RADIO – RCO

KAMLOOPS FSS – RCO

Victoria 119.7 (RAAS) 08-14Z‡ (N48 38 W123 25)

KAMLOOPS (ROYAL INLAND HOSP) BC (Heli) CBC4



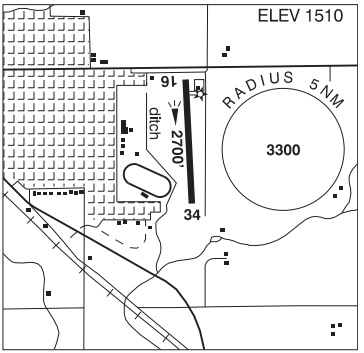
REF	N50 40 09 W120 19 59 Adj 17°E (2012) UTC-8(7) Elev 1453´ A5004
OPR	Interior Health Authority 250-374-5111 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
HELI DATA	Surface Pad 1: FATO 86' dia elevated TLOF 57' dia CONC Safety Area 115' dia elevated 17,000 lbs Max heli overall length 57.4' (CAR 602.96) Rooftop Pad 2: FATO 86' x 86' non-supporting TLOF 71' x 71' CONC Safety Area 115' x 115' 18,000 lbs Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	Surface Pad 1: RY(LO) green ARCAL-125.7 type J Rooftop Pad 2: RW(ME) green LED ARCAL-122.9 type K

KAMLOOPS (ROYAL INLAND HOSP) BC (Heli) (Cont'd) CBC4

COMM	
MF	Kamloops rdo 125.7 5NM 4100 ASL centered on Kamloops aprt (CAR 602.98).
A/G	Hosp Security PEPCORD1 148.655 FM 3 min PN
PRO	Surface Pad 1 Arr/dep 125° fr heli, (H3) (CAR 602.96). Arr/dep 002° to 125° fr heli, (H1) (CAR 602.96). Rooftop Pad 2 Arr/dep 265° to 108° fr heli (H1) (CAR 602.96).
CAUTION	Unlgtd embankment to 40', adj SE. Marked & lgtd hosp penthouse elevator aprx 30' W of rooftop pad safety area.

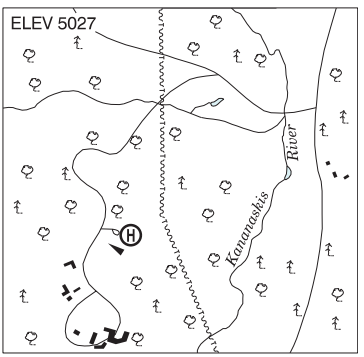
KAMSACK SK CJN2

REF	N51 33 35 W101 52 44 Adj E 7°E (2016) UTC-6 Elev 1510´ A5006
OPR	Town 306-542-2155 Fax 306-542-2975 Reg
PF	C-1,2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	For svcg ctc opr or 306-542-2731, 306-590-9080
S	4,5,6
RWY DATA	Rwy 16(166°)/34(346°) 2700x75 ASPH
RCR	Opr Ltd win maint
LIGHTING	16-(TE LO), 34-(TE LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 4600 ASL
PRO	Rgt hand circuits Rwy 34 (CAR 602.96).

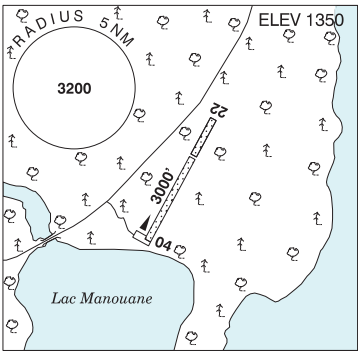


KANANASKIS VILLAGE HELISTOP AB (Heli) CFE7

REF	N50 55 22 W115 08 37 Adj N 15°E (2014) UTC-7(6) Elev 5027´ A5005
OPR	Alberta Environment & Sustainable Resource Development - Parks Division, Kananaskis Region 403-678-5508 Reg
PF	B-1 C-1,2,3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	70´ x 150´ PPR for acft over 8400 lbs
COMM	
ATF	tfc 123.3 5NM 8100 ASL
PRO	15 min loading/unloading only. Noise sensitive area. Avoid overflying Kananaskis Village, Nakiska & golf course. Min cruising alt 1000 AGL within 1NM. High density heli tfc - see Canmore VTPC

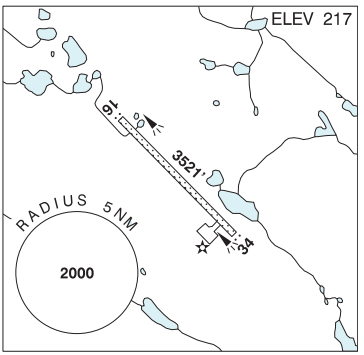


KANAWATA AEROPARC QC CSJ2



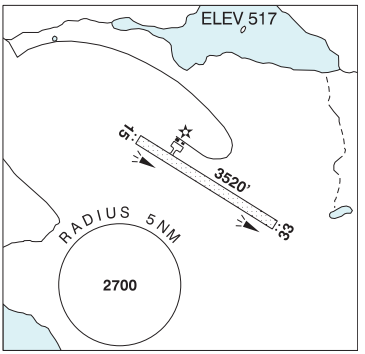
REF	N47 35 41 W74 08 01 21SSW 16°W UTC-5(4) Elev 1350´ A5002
OPR	Kanawata 2021 Inc 450-875-0977 Reg PPR
PF	C-1,5,ltd
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 04/22 3000x100 SAND/GRVL Thld 22 displ 900'.
RCR	Opr No win maint. Ski ops.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3400 ASL

KANGIQSUALUJJUAQ (GEORGES RIVER) QC CYLU



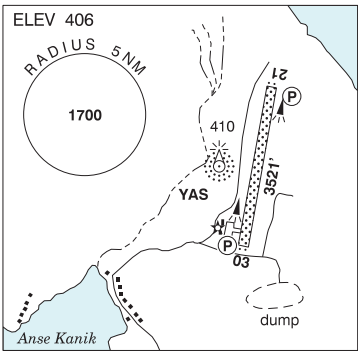
REF	N58 42 41 W65 59 34 1.2NW 23°W (2019) UTC-5(4) Elev 217´ A5027 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-337-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS
SERVICES	
FUEL	JA1(D), 100LL(D), Pilots must supply own pump. PPR. ltd hrs 819-337-5476. VISA credit card only. Other credit by prior arng only, ctc 800-363-7610 Ext 429
RWY DATA	Rwy 16(156°)/34(336°) 3521x100 GRVL Rwy 16 up 1.9% first 2620´. Rwy 34 down 0.9% first 890´.
RWY CERT	Rwy 16/34 AGN IIIA
RCR	Opr
LIGHTING	16-AS(TE ME), 34-AS(TE ME) ARCAL-122.1 type J
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3300 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	**Winds:** Possible discrepancy btwn reported & actual wind due to sur terrain. **Terrain:** Mtns 575 ASL 0.75NM E & 625 ASL 0.75NM S. **Wildlife:** Possibility of caribou on rwy Oct 1-Nov 30. **Communication:** Possibility of intermittent VHF communication in the SW quadrant.

KANGIQSUJUAQ (WAKEHAM BAY) QC — CYKG



REF	N61 35 19 W71 55 46 0.7SE 24°W (2018) UTC-5(4) Elev 517´ A5033 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-338-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue times: 1440Z (DT 1340Z)
SERVICES	
FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-338-3334 13-22Z‡ Mon-Fri O/T COOP 819-338-3252 svc chg. VISA and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA	Rwy 15(146°)/33(326°) 3520x100 GRVL. Rwy 15 first 2132' down 1.7% last 1378' down 0.3%.
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Opr
LIGHTING	15-AS(TE ME), 33-AS(TE ME) ARCAL-122.1 type J, RIL lctd 20' outside of rwy edge.
COMM	
DRCO	(bil) Québec rdo 123.475 (FISE) 126.7 (bcst)
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM joined to Kattiniq/Donaldson MF circle by a corridor equal to the width of their diameter 3900 ASL (CAR 602.98), see Kattiniq/Donaldson & Kangiqsujuaq VTPC
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	Turbulence & wind shear may be encountered when wind exceeds 20 kt.

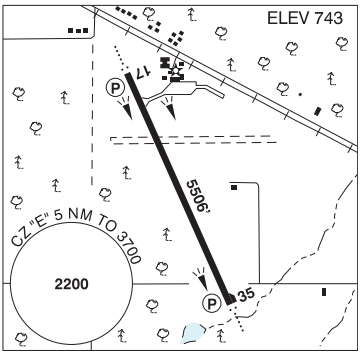
KANGIRSUK QC — CYAS



REF	N60 01 38 W69 59 57 0.5E 22°W (2023) UTC-5(4) Elev 406´ A5027 A5033 LO5 HI1 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-935-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue times: 1440Z (DT 1340Z)
SERVICES	
FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-935-4686 13-22Z‡ Mon-Fri O/T COOP 819-935-4382 svc chg. VISA and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA	Rwy 03(032°)/21(212°) 3521x100 GRVL. Rwy 21 down 1.82%.
RWY CERT	Rwy 03/21 AGN IIIA
RCR	Opr
LIGHTING	03-AS(TE ME) P2, 21-AS(TE ME) P2 ARCAL-122.1 type K, RIL lctd 20' outside of rwy edge.
COMM	
DRCO	(bil) Québec rdo 126.7 (FISE)
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM joined to Aupaluk MF circle by a corridor equal to the width of their diameter 3500 ASL (CAR 602.98), see Aupaluk/Kangirsuk/Tasiujaq VTPC.
APRT RDO	122.1 (V) 1230-2230Z‡
NAV	
NDB	YAS 221 (M) N60 01 32 W70 00 17
CAUTION	**Winds:** Possible discrepancy btwn reported & actual wind due to surrounding terrain. **Approach:** Road, 400´ fr Thld 03, crosses apch to Rwy 03. **Wildlife:** Bird activity at the garbage dump, loc 1100´ SSE of Thld 03.

KAPUSKASING ON — CYYU

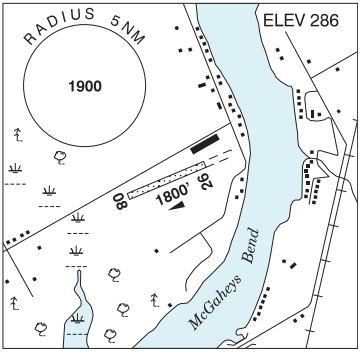
REF	N49 24 42 W82 28 10 2W 10°W UTC-5(4) Elev 743´ A5009 LO4 HI4 CAP
OPR	The Corporation of the Town of Kapuskasing 705-335-2611 Aprt 705-335-2341 Town Fax 705-335-5985 (airport) Reg Ldg fees
PF	B-1,6 C-2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08,14, 20Z.



SERVICES	1300-2130Z‡ Mon-Fri exc hols O/T call out chg.
FUEL	100LL, JA-1 705-347-2156 PN
RWY DATA	Rwy 17(166°)/35(346°) 5506x100 ASPH AGN IIIB
RCR	London FIC CRFI/RSC avbl ltd hrs. PLR/PCN A/D maint avbl 1300-2130Z‡ Mon-Fri exc hols, O/T 1 hr PN 705-347-2156
LIGHTING	17-AO(TE ME) P2, 35-AO(TE ME) P2 ARCAL-122.2 type K
COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst)
MF	tfc 122.2 5NM 3700 ASL (CAR 602.98)
PAL	Toronto Ctr 132.7
CAUTION	Dly radiosonde balloon launches fr N49 24 19 W82 26 34 (aprx 0.9 NM E Thld 35) with an ascent rate of 1000 ft/min btwn the hours of 1115-1130Z & 2315-2330Z

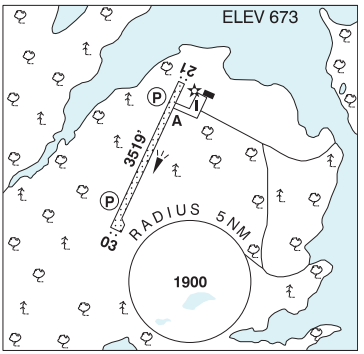
KARS / RIDEAU VALLEY AIR PARK ON — CPL3

REF	N45 06 W75 38 3S 14°W UTC-5(4) Elev 286´ A1905 A5000 A5002
OPR	Chris Williams 613-296-3391 Reg PPR
PF	C-1,2,4,5 D-3,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 08/26 1800x100 GRASS
RCR	Opr No win maint. May be soft in spring.



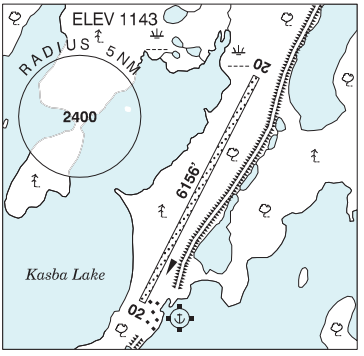
COMM	
ATF	tfc 123.4 5NM 3300 ASL excluding the airspace that lies within Ottawa TCA class C airspace
PRO	Glider activity in area.

KASABONIKA ON — CYAQ



REF	N53 31 29 W88 38 35 1W 6°W (2013) UTC-6(5) Elev 673´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-698-9409 Ext 102 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4 Tml bldg opr 14-23Z‡ Mon-Fri exc hols
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 03(033°)/21(213°) 3519x100 GRVL Rwy 03 down 1.08%
RWY CERT	Rwy 03/21 AGN IIIA
RCR	Aprt Foreperson 807-633-8593 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	03-AS(TE ME) AP, 21-AS(TE ME) AP ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 3700 ASL

KASBA LAKE NT — CJL8

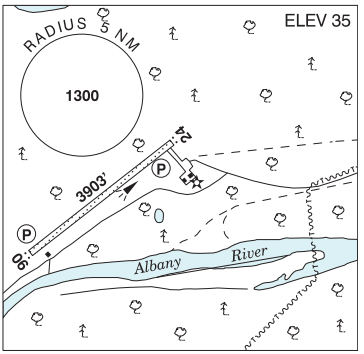


REF	N60 17 31 W102 30 07 7°E (2013) UTC-6(5) Elev 1143´ A5031 A5024 LO5 CAP RCAP
OPR	Kasba Lake Lodge 250-248-3572 Fax 250-248-4576 Reg PPR
PF	C-1,2,5 PN
FLT PLN **FIC** **ACC** **WX**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg IFR 888-834-3344 or 204-983-8337 ALTIMETER/WIND ltd hrs (see COMM)
SERVICES **FUEL** **S**	Prior arng only thru Opr 100LL, JB 4 Jun-Sep
RWY DATA **RCR**	Rwy 02(020°)/20(200°) 6156x100 CLAY/GRVL Rwy 02 down 0.58% Opr No win maint
COMM **ATF**	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	Wildlife frequently on rwy.

KASHECHEWAN ON

CZKE

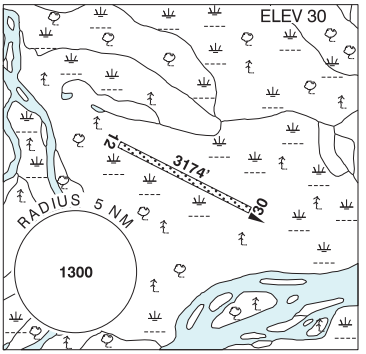
REF	N52 16 57 W81 40 40 0.7W 12°W (2015) UTC-5(4) Elev 35´ A5018 LO3 CAP
OPR	Govt of Ontario - MTO 705-275-4457 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt pln with London rdo, FISE or by phone. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA).
RWY DATA	Rwy 06(064°)/24(244°) 3903x100 GRVL
RWY CERT	Rwy 06/24 AGN IIIA
RCR	Opr Ltd hrs. Rwy cond subject to seasonal & climatic variations.
LIGHTING	06-AS(TE ME) AP, 24-AS(TE ME) AP ARCAL-122.8 type K
COMM ATF	tfc 122.8 5NM 3000 ASL
PRO	Rgt hand circuits Rwy 24 (CAR 602.96).



KASKATTAMA RIVER MB

CAS3

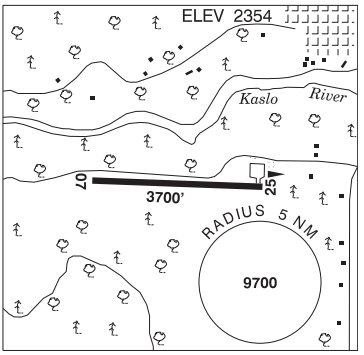
REF	N57 02 29 W90 06 46 5°W (2024) UTC-6(5) Elev 30' A5025
OPR	Kaskattama Safari Adventures Ltd 204-480-9709, 204-982-9680 Aug 1–Oct 31 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA).
RWY DATA RCR	Rwy 12(122°)/30(302°) 3174x30 GRVL Opr
COMM ATF	tfc 123.2 5NM 3100 ASL



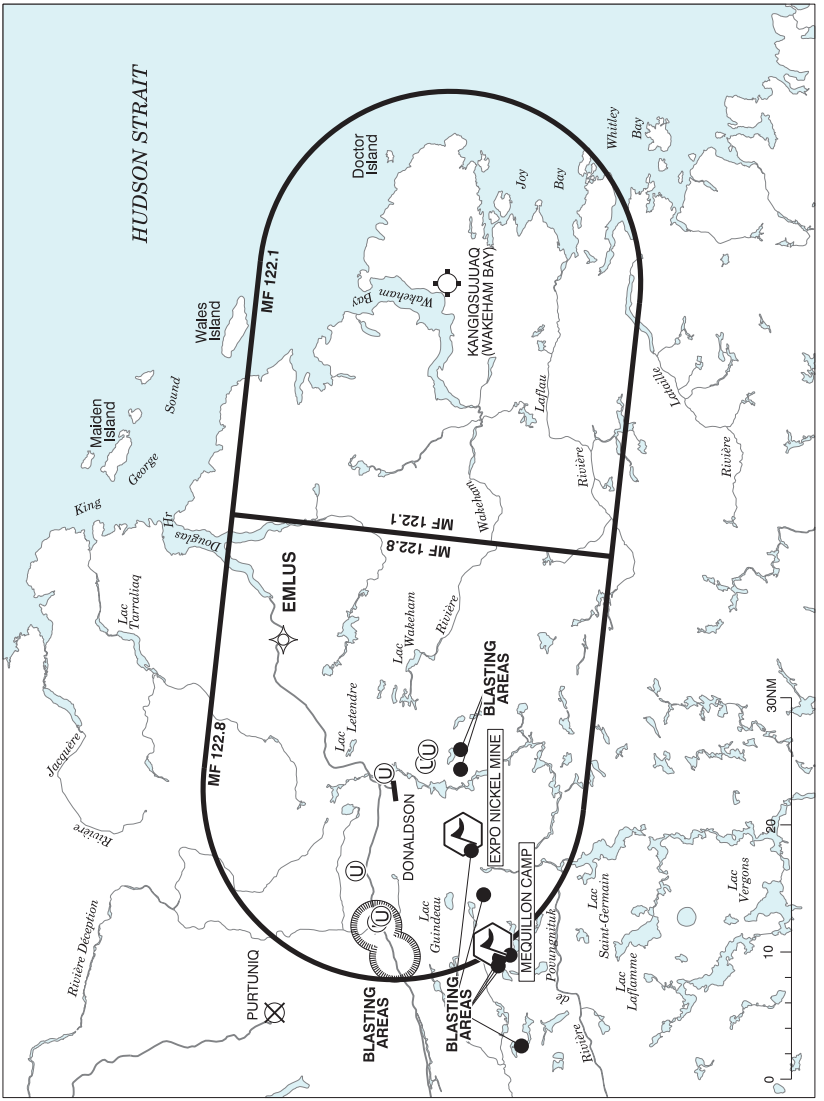
KASLO BC

CBR2

REF	N49 54 13 W116 56 07 1W 16°E (2012) UTC-8(7) Elev 2354´ A5005
OPR	Village 250-353-2311 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 07/25 3700x60 ASPH Opr No win maint
COMM **ATF**	tfc 123.2 5NM 5400 ASL
CAUTION	Narrow mountainous valley. Terrain rises rapidly W of thld Rwy 07. Vehicle tfc & logging truck activity on adj road, verify rwy unobstructed. Wildlife in vicinity. Ultra-light acft may be NORDO.



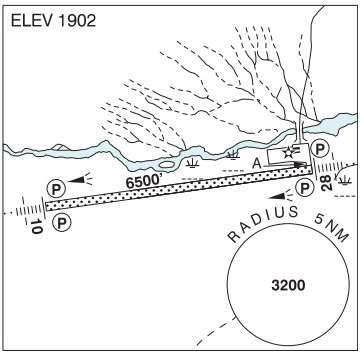
KATTINIQ / DONALDSON & KANGIQSUJUAQ VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
EXPO NICKEL MINE	VCENM	N61° 33' 17" W073° 27' 07"
MEQUILLON CAMP	VCMQL	N61° 30' 43" W073° 45' 19"

KATTINIQ / DONALDSON QC CTP9

REF	N61 39 44 W73 19 17 10SE 21°W (2024) UTC-5(4) Elev 1902´ A5033 LO5 HI1 CAP
OPR	Glencore Canada Corporation - Raglan Mine 450-668-2112 Ext 5183/5020 1230-2300Z‡ Mon-Fri Cert PPR
PF	C-1
FLT PLN **FIC** **ACC** **WX**	(bil) (bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 ALTIMETER/WIND 819-762-7800 ext 5183 1230-2300Z‡ Mon-Fri (see COMM)

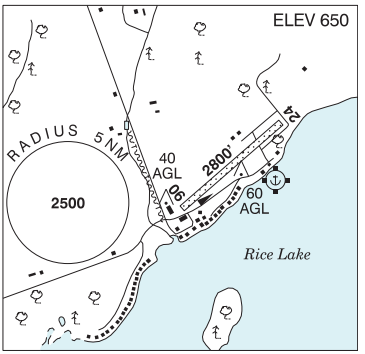


RWY DATA	Rwy 10(104°)/28(284°) 6500x150 GRVL Rwy 10 down 0.66%.
RWY CERT	Rwy 10/28 AGN IIIB
APRON	Prkg ltd front of ATB. Acft tail height max 25'. If more than 25', use prkg W of ATB.
RCR	Opr CRFI Sfc may be soft dur freeze and thaw periods. Win maint 1230-2300Z‡ Mon-Fri Sep-May O/T 2 hrs PN
LIGHTING	10-AN(TE HI) P2, 28-AN(TE HI) P2
COMM **MF**	(bil) UNICOM (AU) 1230-2300Z‡ Mon-Fri O/T tfc 122.8 15NM joining MF circle Kangiqsujuaq (Wakeham Bay) by a corridor width equal to the diameter 3900 ASL (CAR 602.98), see VTPC Kattiniq/Donaldson & Kangiqsujuaq.
CAUTION	Turbulence & wind shear may be encountered when wind exceeds 20 kt. Blasting Ops, 7 sites aprx 4NM S, 5NM SE, 6NM & 7NM SW, 6, 9 & 18NM WNW of A/D with flyrock/shockwave 2NM radius up to 6500 ASL. Lgtd obst 2036 ASL (158 AGL) 0.86NM NNE of Thld 28. Ctc unicom prior entering area. Large presence of caribou and migratory birds, May-Oct. Lgtd bilateral distance markers every 1000' from 1100' of thld 28 to 5100'.

KAWARTHA LAKES MUNICIPAL AIRPORT ON — See LINDSAY / KAWARTHA LAKES MUNICIPAL AIRPORT

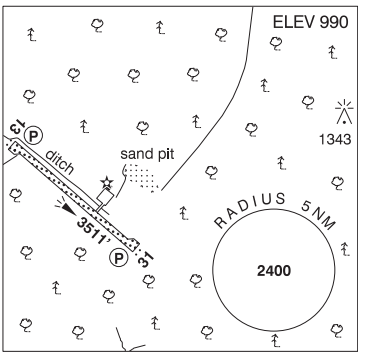
KEENE / ELMHIRST'S RESORT ON — CPS2

REF	N44 15 07 W78 06 23 3E 12°W UTC-5(4) Elev 650´ A5000
OPR	Elmhirst's Resort (Keene) Ltd 705-295-4591 Reg PPR
PF	A-1,2,5,7,8 C-4 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 06/24 2800x50 GRASS Opr Ltd win maint
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
PRO	Seaplane activity at adj base. Rwy rises fr both thlds, one thld not vis fr opposite thld.



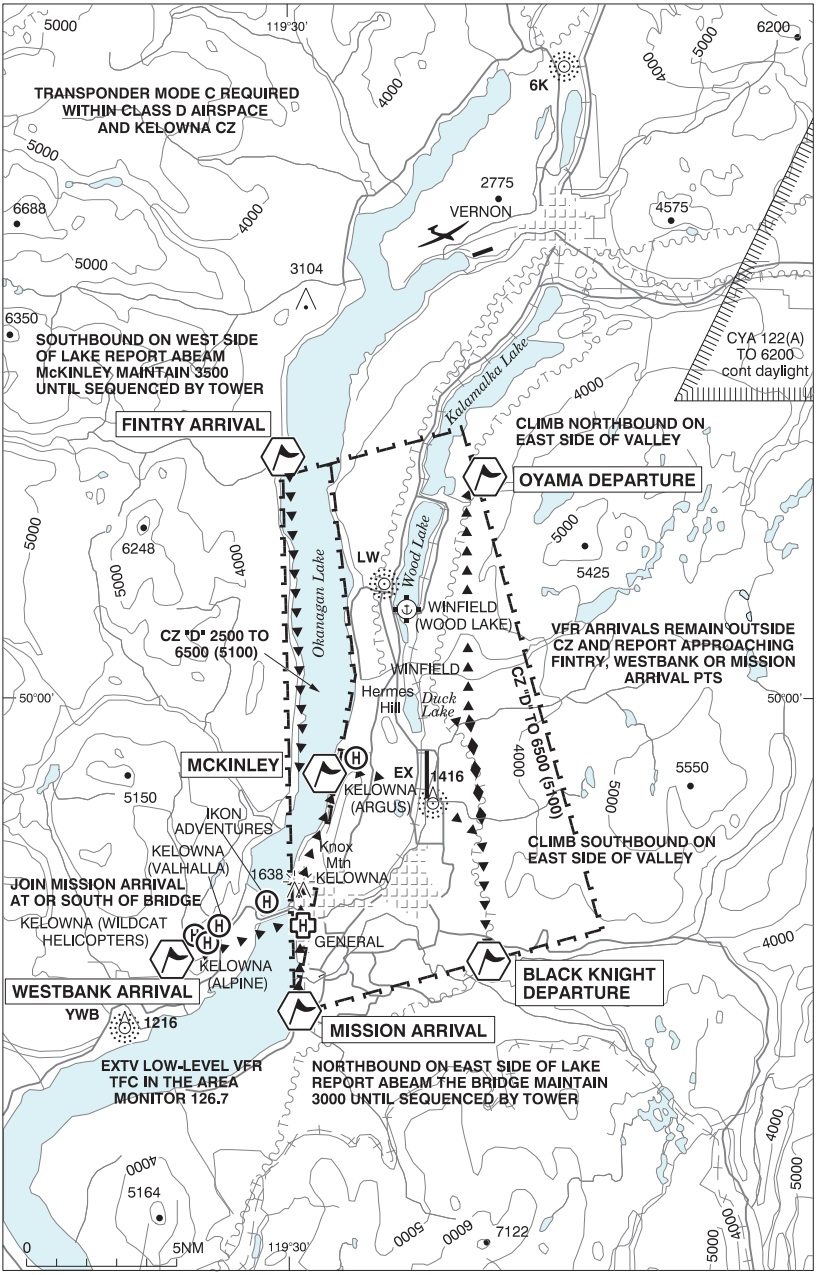
KEEWAYWIN ON — CPV8

REF	N52 59 28 W92 50 11 2SW 1°W (2011) UTC-6(5) Elev 990' A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-771-1101 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 13(132°)/31(312°) 3511x100 GRVL
RWY CERT	Rwy 13/31 AGN IIIA
RCR	Aprt Foreperson 807-620-4658 Ltd win maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.8 type K
COMM **ATF**	tfc 122.8 5NM 4000 ASL



KEIZERS AIR PARK NS — See METEGHAN / KEIZERS AIR PARK

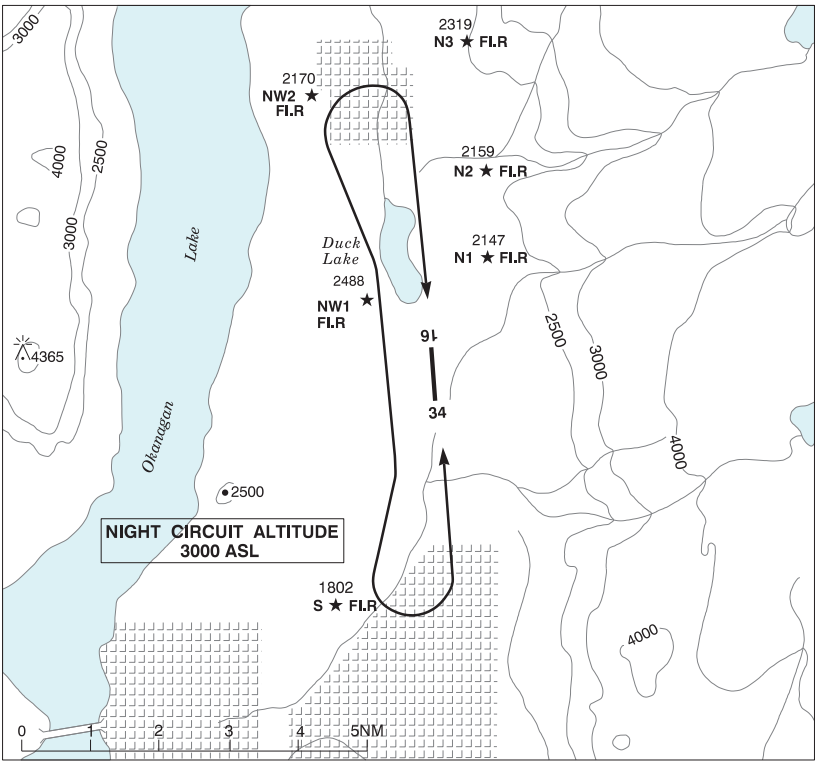
KELOWNA VFR TERMINAL PROCEDURES CHART



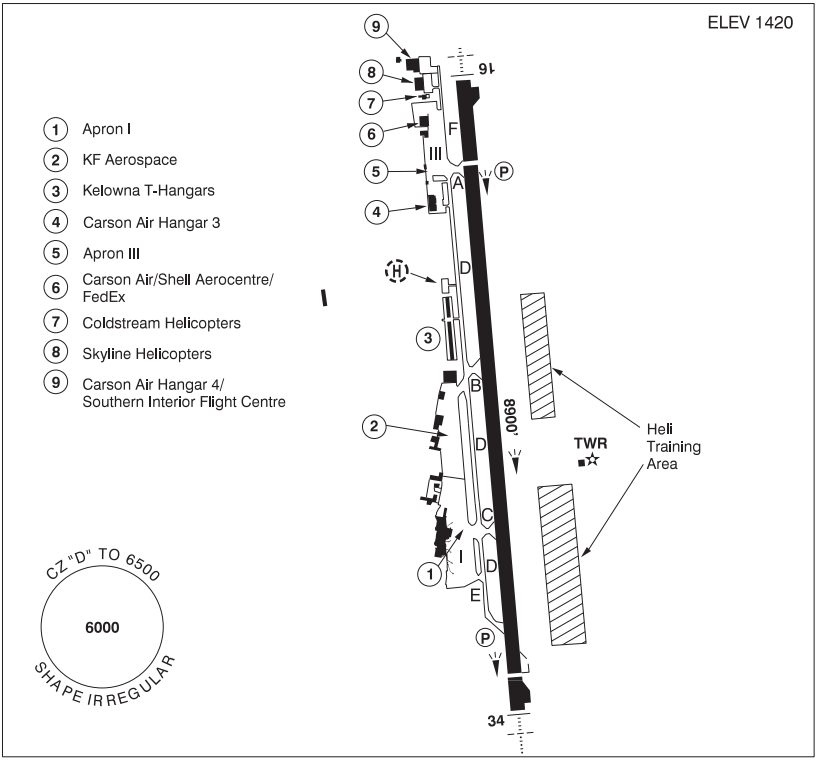
KELOWNA VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BLACK KNIGHT	VCBLK	N49° 51' 00" W119° 20' 00"
FINTRY	VCFIN	N50° 08' 17" W119° 29' 46"
MCKINLEY	VCMCK	N49° 57' 39" W119° 27' 36"
MISSION	VCMSA	N49° 49' 25" W119° 29' 19"
OYAMA	VCOYA	N50° 06' 36" W119° 22' 02"
WESTBANK	VCWHB	N49° 49' 55" W119° 37' 44"

KELOWNA VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



KELOWNA BC CYLW



REF	N49 57 26 W119 22 41 6.2NE 15°E (2024) UTC-8(7) Elev 1420´ A5005 LO2 HI3 CAP RCAP
OPR	City of Kelowna 250-807-4350 H24 Cert
PF	A-1,2,3,6,7 C-4,5
CUST	AOE/30 (120 with staged off-loading) 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 01, 07, 13, 19Z.

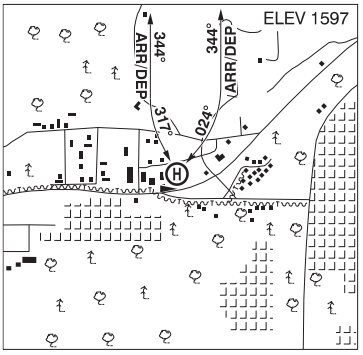
KELOWNA BC (Cont'd) CYLW

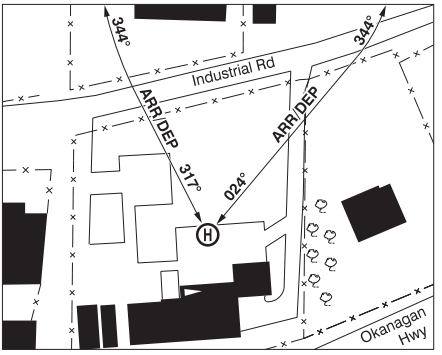
SERVICES	Kelowna Shell Aerocentre
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 6 (CAT 7 1 hr PN) 1330-0830Z‡, O/T 2 hr PN, aprt clsd to acft 20 seats & abv, exc for diversions or as an altn A/D without PPR. Discrete emerg freq 122.675.
SUP FL	LHOX, D-Ice, ADI
JASU	CEA2, CE3, CE14
PVT ADV	Kelowna Shell Aerocentre 123.0 250-765-8155
MIL CON	Kelowna Shell Aerocentre (Shell) 250-765-8155
HELI DATA	North Parking Pad: 90' dia ASPH South Parking Pad: 90' dia ASPH Max heli overall length 75'. Heli prkg area to be accessed via rwy/twy. PN, ctc OPR.
RWY DATA	Rwy 16(160°)/34(340°) 8900x200 ASPH. Thld 16 displ 1200' Thld 34 displ 400' Rwy 16 down 0.9% first 7237´ Rwy 34 down 0.6% first 1663´
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN V
TWY CERT	Twy: A, B, C, E AGN IV Twy D AGN IIIB Twy F AGN I
TWY	Twy F rstd to acft with wingspans less than 79´. Twy D & twy E rstd to acft with wingspans less than 125´.
APRON	Apron I: Fixed wing acft only; heli prkg not auth. Prkg rstd to scheduled and non-scheduled airline tfc. Acft not auth to perform 180° turns. Jet acft pushback all prkg positions. Turbo-prop acft cw turn for power out or pushback only. Apron III: Fixed wing acft only; heli prkg not auth. Prkg for commercial opr and acft over 12,500 lbs 3 hr PPR. Lgt acft must remain in designated areas at all times. KF Aerospace apron: PPR Shell Aerocentre: Heli prkg PPR.
RCR	Twr 250-765-3426 CRFI, PLR/PCN RSC issued 1200-0801Z‡ O/T 1hr PN When CRFI falls blw 0.25, rwy avbl for take-off only, PN. Ctc Opr.
LIGHTING	16-AR(TE ME) P2 3.2°, 34-AK(TE ME) P2 PAPI limitation/restriction. PAPI Rwy 16 to be used only within 3NM of thld; PAPI Rwy 34 to be used only within 2NM of thld Twy F RR
COMM	
RCO	Penticton rdo 119.6 (RAAS) 0630-1330Z‡ Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATIS	127.5 1330-0630Z‡ 250-491-0310
GND	121.7 1330-0630Z‡
TWR	119.6 292.2 (V) 1330-0630Z‡ (emerg only 250-765-3426)
MF	Penticton rdo 119.6 0630-1330Z‡ CZ shape irregular 6500 ASL, comm blind spots all quads (CAR 602.98)
AWOS	127.5
NAV	
NDB	LW 257 (M) N50 03 39 W119 24 59 RUTLAND EX 374 (L) N49 56 23 W119 22 32 WESTBANK YWB 389 (M) N49 48 38 W119 37 50
DME	ILW 111.3 Ch 50 N49 57 46 W119 22 37 (1415´)
ILS	ILW 111.3 (Rwy 16)

KELOWNA BC (Cont'd) CYLW

PRO	See VTPC for arr/dep rtes & pro. Day: circuit hgt 2500 ASL rgt hand circuits Rwy 34 (CAR 602.96). Night: circuit hgt 3000 ASL, follow VTPC night circuit pro. See VTPC. Multilateration: Leave transponders in transmit mode at all times while airborne or on rwy. Keep transponders off or in standby mode on aprons and while taxiing. Due to jet blast concerns acft using the turnaround bays shall turn counter-clockwise at Thld 16 and clockwise at Thld 34.
CAUTION	Under Visual Flight Rules it is recommended that only pilots familiar with the lcl area use this A/D dur hrs of darkness. Ngt ops not recommended for VFR Operations unless all 6 hazard beacons oprg. All turns to be completed within the perimeter of the hazard bcns. Ocsl glider activity to 12,500´ vic Vernon A/D. Heli Training Areas: uneven terrain, numerous obstacles Blast fence 360' fr Thld 16 on extended rwy centreline, 1438' ASL (14 AGL), lgtd not marked. Hi terrain reduces operational length of Rwys 34 and 16 PAPI.

KELOWNA (ALPINE) BC (Heli) CAB7

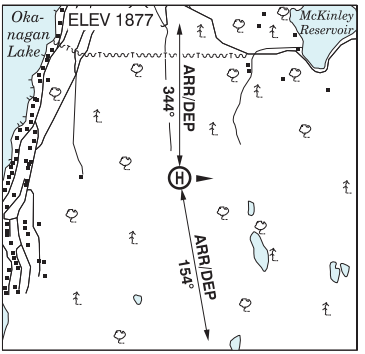




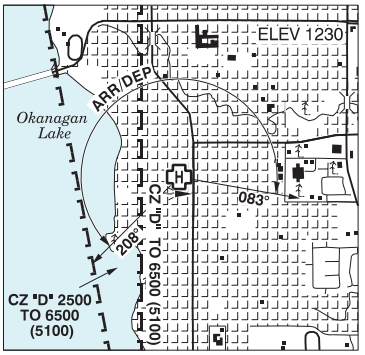
REF	N49 51 49 W119 34 05 16°E (2013) UTC-8(7) Elev 1597' A5004 A5005
OPR	Alpine Helicopters Inc. 250-769-4111 Cert PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia CONC TLOF 51' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	
RCO	Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATF	tfc 123.2 1.5NM 3000' ASL
A/G	165.255
PRO	Arr/dep curved 317° to 344° fr heli, slope 6% (H3) day use only. Arr/dep curved 024° to 344° fr heli, slope 12% (H2) day use only (CAR 602.96).
CAUTION	Unmarked post and P-lines 1645 ASL (42 AGL) aprx 450' S of heli.

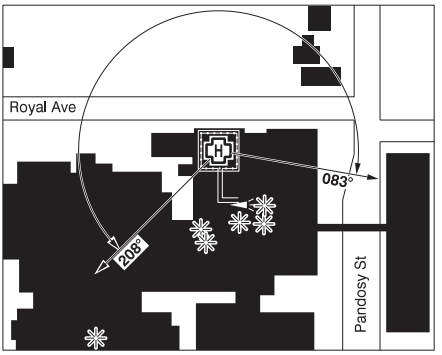
KELOWNA (ARGUS) BC (Heli) CRG2

REF	N49 57 41 W119 26 46 2.1NNW 16°E (2014) UTC-8(7) Elev 1877´ A5005
OPR	Argus Properties 250-763-6789 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 105' x 51' CONC Safety Area 105' x 51'
RCR	Opr
COMM	
RCO	Penticton rdo 119.6 (RAAS) 0630-1330Z‡ Pacific rdo 122.5 (FISE) 126.7 (bcst)
TWR	Kelowna 119.6 1330-0630Z‡
MF	Penticton rdo 119.6 0630-1330Z‡ Kelowna CZ shape irregular 6500 ASL, comm blind spots all quads (CAR 602.98)
PRO	Arr/dep 154° fr heli, day use only. Arr/dep 344° fr heli, day use only.



KELOWNA (GEN HOSP) BC (Heli) CKH9





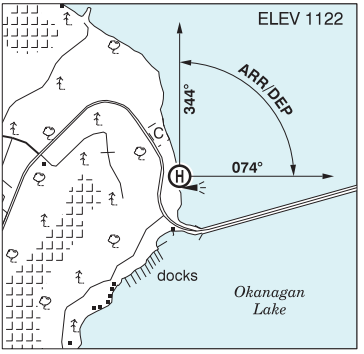
REF	N49 52 27 W119 29 33 Adj S 17°E (2012) UTC-8(7) Elev 1230' A5004 A5005
OPR	Interior Health Authority 250-980-1390 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia Non-supporting TLOF 59' x 59' METAL Safety Area 115' dia 18,000 lbs Max heli overall length 57.4' (CAR 602.96) Elevated/rooftop heli
RCR	Opr
LIGHTING	RY(LO) green ARCAL-123.2 type J

KELOWNA (GEN HOSP) BC (Heli) (Cont'd) CKH9

COMM	
RCO	Penticton rdo 119.6 (RAAS) 0630-1330Z‡ Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATIS	127.5 1330-0630Z‡ 250-491-0310
GND	121.7 1330-0630Z‡
TWR	119.6 292.2 (V) 1330-0630Z‡ (emerg only 250-765-3426)
MF	Penticton rdo 119.6 0630-1330Z‡ CZ shape irregular 6500 ASL, comm blind spots all quads (CAR 602.98)
PRO	Transponder Mode C rqrd within Class D Airspace and Kelowna CZ. Arr/dep btwn 208° to 083° fr heli (H1), day/night use (CAR 602.96)
CAUTION	Flight path extends into Westbank ATF 123.2.

KELOWNA / IKON ADVENTURES BC (Heli) CIA2

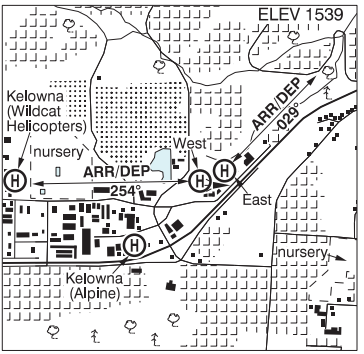
REF	N49 52 51 W119 31 21 1.1SW 16°E (2017) UTC-8(7) Elev 1122' A5005
OPR	Ikon Adventures 778-837-1291 Reg PPR
PF	C-1,2,3,4,5,6,7,8
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 64' dia non-supporting TLOF 33' x 33' CONC Safety Area 85' dia 6000 lbs Max heli overall length 42.7'
RCR	Opr Daylight hrs



COMM	
RCO	Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATF	tfc 123.2 1NM 2499 ASL
PRO	Arr/dep 344° to 074° fr heli, slope 8% (H3), day use only.
CAUTION	Extv lcl tfc fr surrounding helis and waterways, monitor 126.7. Marine tfc in vic.

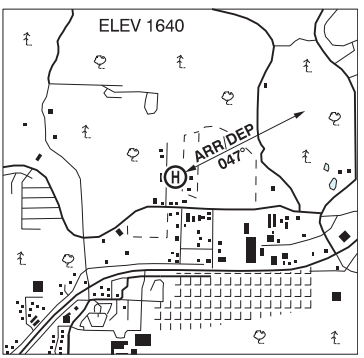
KELOWNA (VALHALLA) BC (Heli) CVA3

REF	N49 52 04 W119 33 38 2.7SW 15°E (2021) UTC-8(7) Elev 1539´ A5004 A5005
OPR	Valhalla Helicopters 250-769-1486 Cert PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	West Pad: FATO 86' dia ASPH TLOF 40' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) East Pad: FATO 86' dia ASPH TLOF 40' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	
RCO	Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATF	tfc 123.2 1.5NM 3000 ASL
PRO	Avoid flt over residential area N of heli. **West Pad:** Arr/dep 254° fr heli, slope 8% (H3), day use only (CAR 602.96). **East Pad:** Arr/dep 029° fr heli, slope 8% (H3), day use only (CAR 602.96).
CAUTION	Extv heli activity in vic. W arr/dep path crosses apch to Kelowna (Alpine) heli and Kelowna (Wildcat Helicopters) heli.



KELOWNA (WILDCAT HELICOPTERS) BC (Heli) CWC2

REF	N49 52 03 W119 34 45 16°E (2015) UTC-8(7) Elev 1640´ A5004 A5005
OPR	Wildcat Helicopters Inc. 250-769-9093 Cert PPR
PF	A-1 B-3 C-2,5,6 D-4
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	Jet A
OIL	MOBIL JET II and 254
S	1,2,3,4,5,6
HELI DATA	FATO/TLOF 90' x 90' CONC/ASPH/GRASS Safety Area 120' x 120' 17,000 lbs rstd to Bell 214B Max heli overall length 60' (CAR 602.96)
RCR	Opr

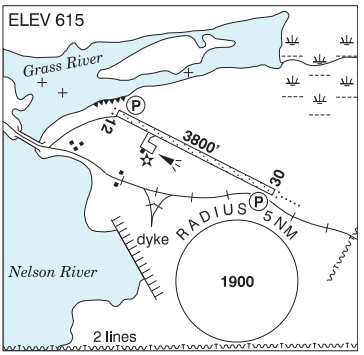


KELOWNA (WILDCAT HELICOPTERS) BC (Heli) (Cont'd) CWC2

COMM	
RCO	Pacific rdo 122.5 (FISE) 126.7 (bcst)
ATF	tfc 123.2 1.5NM 3000 ASL
PRO	Arr/dep 047° fr heli 8% (H3), day use only.

KELSEY MB CZEE

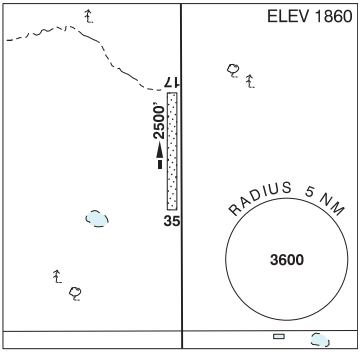
REF	N56 02 12 W96 30 21 2E 3°E UTC-6(5) Elev 615´ A5016 A5024 LO3 CAP
OPR	Manitoba Hydro 204-778-1121 Reg
PF	B-1
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO 204-778-1149 (See COMM)
RWY DATA	Rwy 12(118°)/30(298°) 3800x75 GRVL Rwy 12 down 0.39% AGN IIIA
RCR	Opr



LIGHTING	12-AS(TE ME) P1, 30-AO(TE ME) P1 ARCAL-122.8 type K
COMM	
ATF	UNICOM 14-23Z‡ O/T tfc 122.8 5NM 3600 ASL
AUTO	122.55
CAUTION	Lgtd twr 896 ASL (296 AGL) 1NM W of A/D.

KELVINGTON SK CKV2

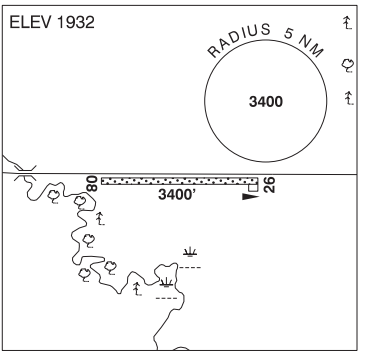
REF	N52 07 34 W103 31 52 1.2S 9°E (2012) UTC-6 Elev 1860´ A5006
OPR	Town of Kelvington 306-327-4482 Reg
PF	C-1, 2, 4, 5, 6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5
RWY DATA	Rwy 17(171°)/35(351°) 2500x150 GRASS.
RCR	Mr. James Hendren 306-327-4875. Ltd win maint



COMM	
ATF	tfc 123.2 5NM 4900 ASL
CAUTION	Lgtd twr 2345 ASL (370 AGL) 1.3NE A/D.

KELVINGTON / CLAYTON AIR 2 SK — CKA2

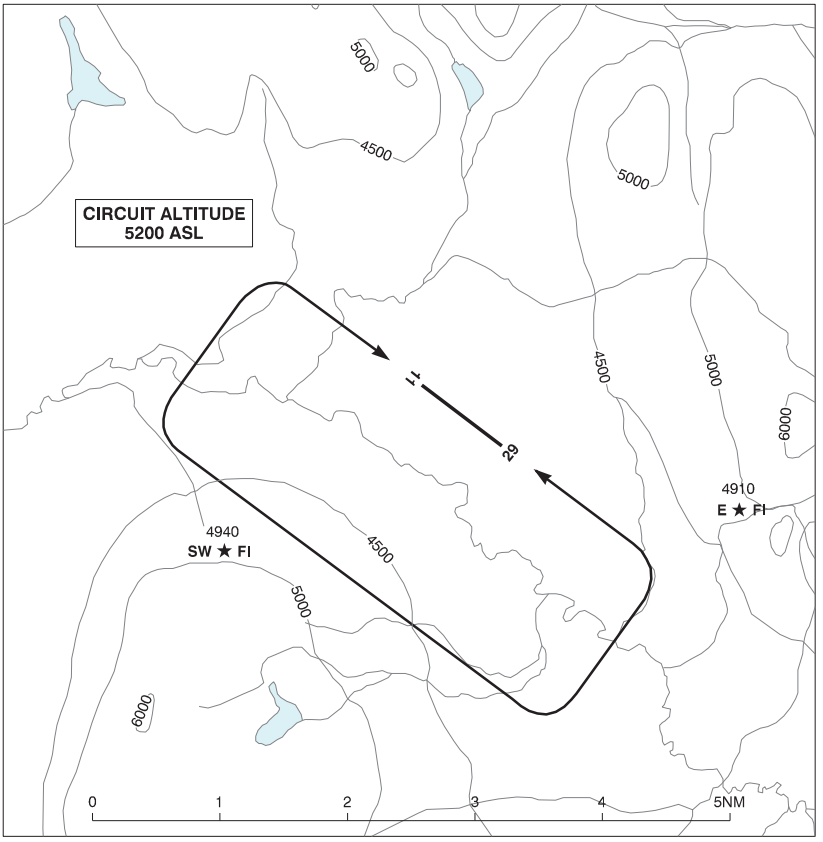
REF	N52 12 07 W103 28 43 2.8NNE 8°E (2021) UTC-6 Elev 1932´ A5006 A5016
OPR	Clayton Air Service 306-497-7401 Reg PPR
PF	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4103 (Toll free within Canada & USA)
RWY DATA	Rwy 08/26 3400x30 GRVL
APRON	Parked acft to remain clear of rwy
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 5000 ASL
A/G	123.55 call sign CLAYTON AIR KELVINGTON, 123.45 call sign CLAYTON AIR KELVINGTON
CAUTION	Low-level agricultural operations within 30NM of A/D May 1 to Oct 15.



KEMANO BC (Heli) — CBZ2

REF	N53 34 W127 57 19°E (2014) UTC-8(7) Elev 160´ A5013
OPR	Rio Tinto Alcan 250-639-3030 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
COMM	
ATF	tfc 123.2 5NM 3200 ASL
A/G	163.41 T 164.94 R
HELI DATA	200´ x 200´ ASPH

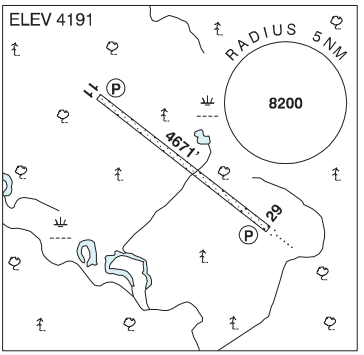
KEMESS CREEK VFR TERMINAL PROCEDURES CHART



KEMESS CREEK BC

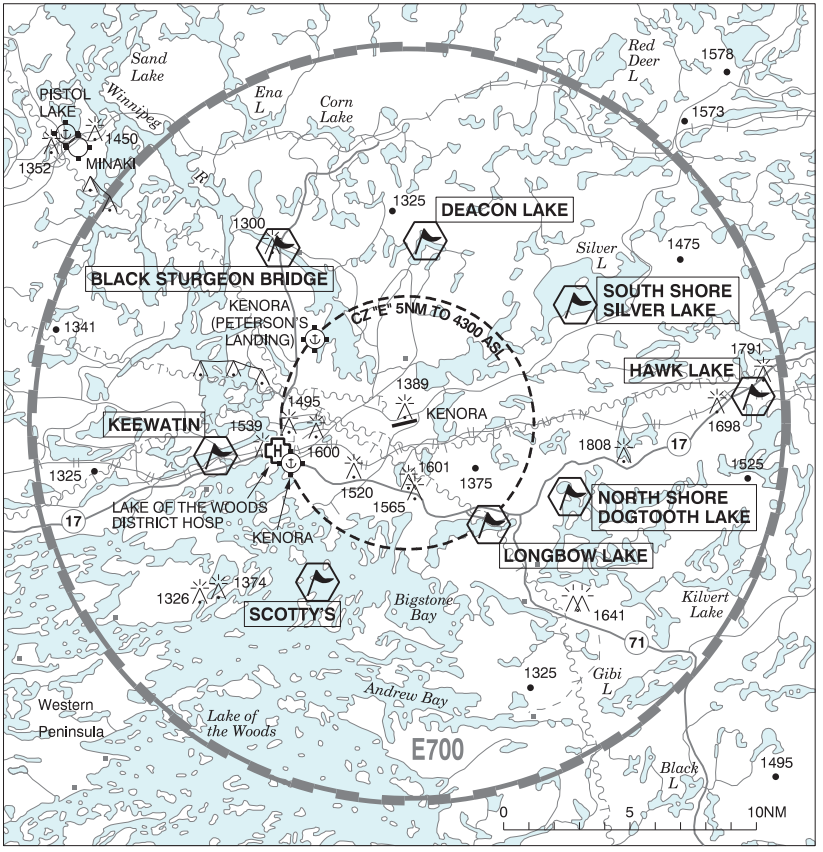
CBQ7

REF	N56 58 28 W126 44 27 20°E (2013) UTC-8(7) Elev 4191´ A5022 LO1 RCAP
OPR	AuRico Gold Inc. Kemess Mine 778-724-4428/4425 Reg PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 778-724-4428 ldt hrs (see COMM)
RWY DATA **RCR**	Rwy 11(108°)/29(288°) 4671x75 GRVL Opr Regular sum maint (grading, packing), ltd win maint.
LIGHTING	11-(TE ME) P1 3.0°, 29-AS AO(TE ME) P1 4.5° PAPI limitation/restriction. PAPI Rwy 11 to be used only within 3NM of thld; PAPI Rwy 29 to be used only within 2NM of thld ARCAL-122.7 type K
COMM **ATF**	UNICOM (AU) ltd hrs O/T tfc 122.7 5NM 7200 ASL
PRO	Rgt hand circuits Rwy 11 (CAR 602.96)
CAUTION	Higher terrain on apch near thld of Rwy 29. Only pilots familiar with lcl terrain should use this A/D dur hrs of darkness. Ngt ops not recommended unless both hazard bcns oprg. Hi terrain reduces operational lengths of Rwys 11 and 29 PAPI.



KENDALL FARM MB — See WOODLANDS/KENDALL FARM

KENORA VFR TERMINAL PROCEDURES CHART

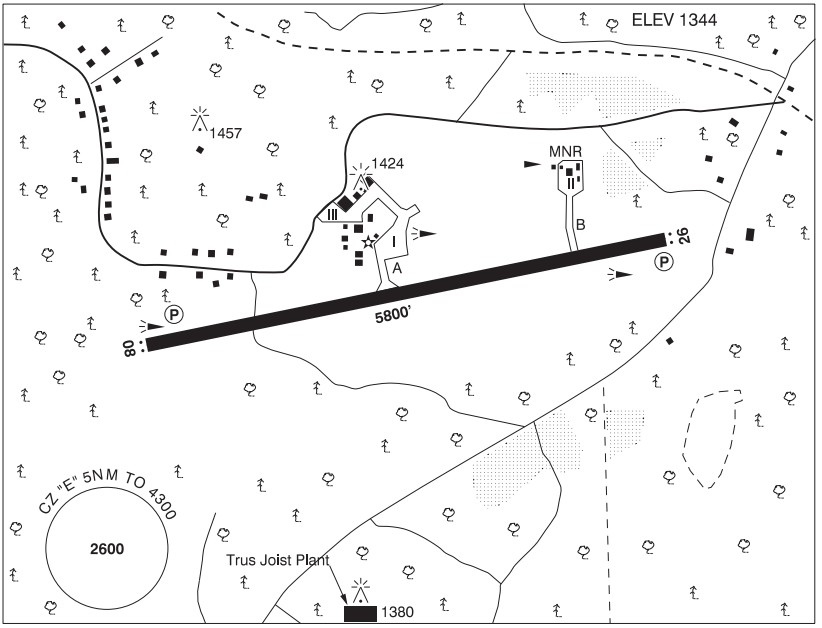


NAME	IDENT	LAT/LONG
BLACK STURGEON BRIDGE	VCBSF	N49° 54' 05" W094° 29' 19"
DEACON LAKE	VCDNL	N49° 54' 22" W094° 20' 27"
HAWK LAKE	VCHKL	N49° 48' 32" W094° 00' 31"
KEEWATIN	VCKWN	N49° 46' 00" W094° 33' 31"
LONGBOW LAKE	VCLLK	N49° 43' 13" W094° 16' 46"
NORTH SHORE DOGTOOTH LAKE	VCNSD	N49° 44' 34" W094° 11' 40"
SCOTTY'S	VCTTY	N49° 40' 31" W094° 27' 41"
SOUTH SHORE SILVER LAKE	VCSSL	N49° 51' 55" W094° 11' 26"

KENORA FSS – RCO

Norway House 122.1 (RAAS) 13-02Z‡ (N53 57 W97 51)
Red Lake 122.3 (RAAS) 12-04Z‡ (N51 04 W93 48)

KENORA ON — CYQK

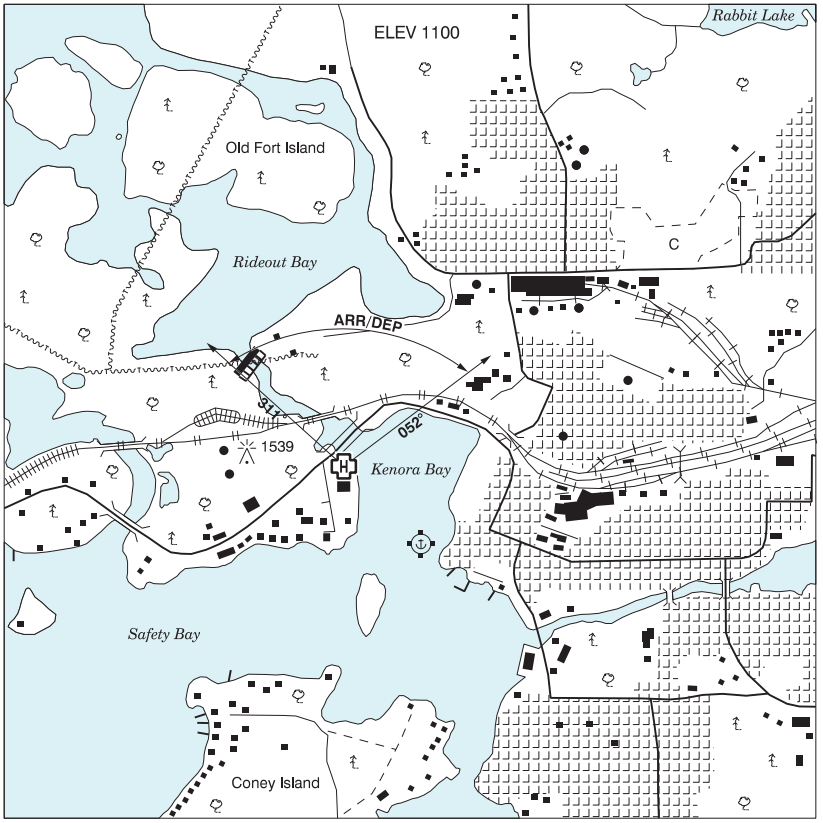


REF	N49 47 18 W94 21 47 5ENE 1°E (2012) UTC-6(5) Elev 1344´ A5007 LO4 HI4 CAP
OPR	Kenora Airport Authority Inc. 807-548-5377 11-24Z‡ Cert Ldg fees
PF	B-1,3,6 D-4 avbl 1400-0030Z (DT 12-02Z) O/T D-1,2,3,4,5,6
CUST	AOE/15 888-226-7277 14-02Z‡ May 15-Oct 15
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z
SERVICES	11-24Z‡ O/T call out chg
FUEL	100LL, JA-1 (FSII avbl) 807-548-9907 O/T 807-467-1396
JASU	Hobart 28V 300-1500 amps.
PVT ADV	Kenora Aprt Shell 122.85, MNR Ops 122.9
RWY DATA	Rwy 08(077°)/26(257°) 5800x150 ASPH Rwy 08 first 456' up 0.77%. Rwy 26 first 504' up 0.90%
RWY CERT	Rwy 08/26 AGN IV
TWY	Twy B clsd dur win.
APRON	Apron II clsd dur win.
RCR	Opr CRFI, PLR/PCN
LIGHTING	08-AS(TE ME) P2, 26-AS(TE ME) P2
COMM	
RADIO	122.2 (E) (emerg only 807-548-5076)
RCO	London rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.2 5NM 4300 ASL (CAR 602.98)

KENORA ON (Cont'd) CYQK

NAV DME	SIOUX NARROWS VBI 115.2 Ch 99 N49 28 37 W94 02 48 (1307')
CAUTION	Aerobatics may be in progress over aprt 4300 ASL & below. Gen avn tie down & prkg area unlgtd.

KENORA (LAKE OF THE WOODS DISTRICT HOSP) ON (Heli) CJG6



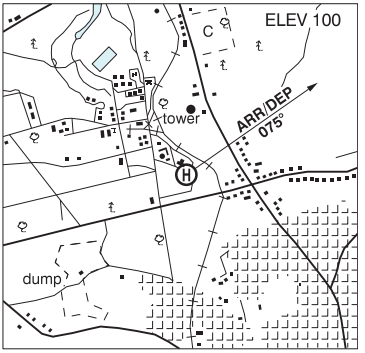
REF	N49 46 07 W94 29 56 Adj W 1°E (2014) UTC-6(5) Elev 1100´ A5007
OPR	Lake of the Woods District Hosp 807-468-4598 Reg PPR
PF	C-1,2,3,4,5,6 MEDEVAC flts only
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 90' dia CONC Safety Area 115' dia Max heli overall length 57.3'
LIGHTING	RY ARCAL-123.2 key mic 3 times to turn lgts on. Key mic 5 times to turn lgts off.

KENORA (LAKE OF THE WOODS DISTRICT HOSP) ON (Heli) (Cont'd) CJG6

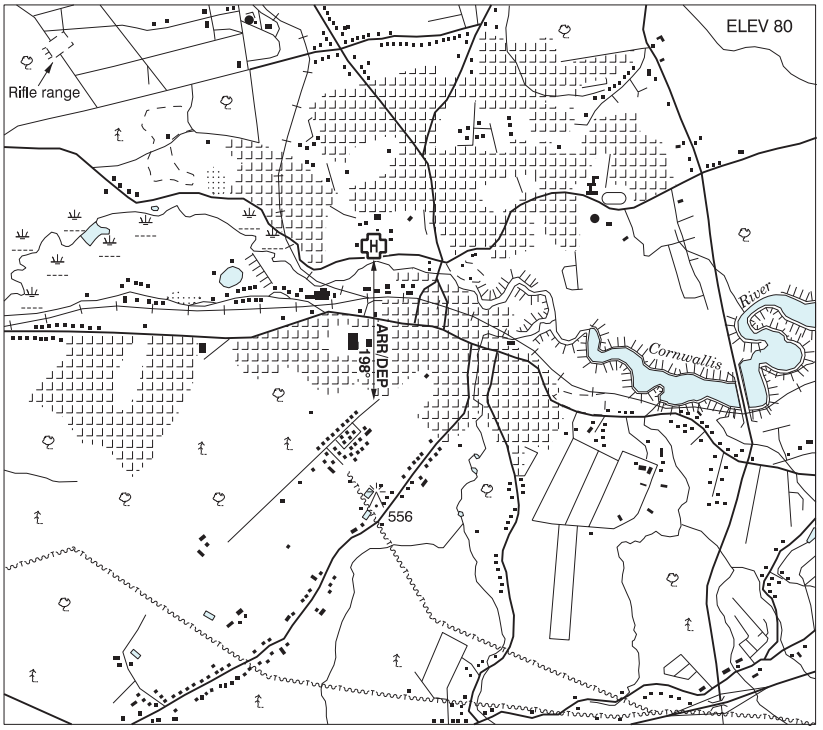
COMM	
RADIO	Kenora rdo 122.2 (E) at Kenora A/D 5.4NM ENE (emerg only 807-548-5076)
RCO	London rdo 123.375 (FISE) 126.7 (bcst)
MF	Kenora rdo 122.2 5NM 4300 ASL centred on Kenora A/D 5.4NM ENE (CAR602.98)
ATF	tfc 122.2 5NM 4300 ASL
PRO	Do not overfly Big Fish due sporadic fountain. Arr/dep 311° to 052° fr heli, slope 8%.
CAUTION	Boat launched/towed parasailing vic Coney Island, SR to SS, 1 May-31 Oct, max alt 500 AGL. Kenora A/D 5.4NM ENE. Extended centre line Rwy 08/26 Kenora intersects Heliport. Extv float plane activity on Safety Bay Apr-Nov, monitor 122.8.

KENTVILLE (CAMP ALDERSHOT) NS (Heli) CKM9

REF	N45 05 39 W64 30 32 0.5NW 18°W (2013) UTC-4(3) Elev 100´ A5003
OPR	DND 902-678-7930 Ext 2224 CSN 319-568-2224 Mil PPR
FLT PLN	PPR 24 hrs ntc. Ctc 902-678-7930 Ext 2224 or CSN 319-568-2224 12-20Z‡ Mon-Fri exc stat hols O/T ctc main gate Ext 2139
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	500´ x 500´ GRASS/GRVL. No win maint.
COMM	
ATF	tfc 123.2 5NM 3100 ASL
PRO	Arr/dep 075° fr heli
CAUTION	CYR 706 (Aldershot) SFC-1000 0.8NM WNW. Valley Regional Hosp Heli (CKV8) 0.8NM SSE.



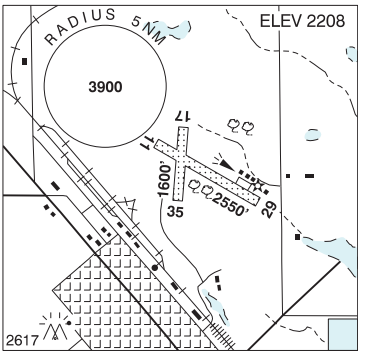
KENTVILLE (VALLEY REGIONAL HOSP) NS (Heli) CKV8



REF	N45 04 54 W64 30 00 Adj 18°W (2014) UTC-4(3) Elev 80´ A5003
OPR	Valley Regional Hosp 902-678-7381 Cert PPR
FLT PLN **FIC** **ACC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	82´ dia ASPH (rstd to heli with max overall length of 52.5´)
LIGHTING	RY(LO) ARCAL-123.0 type J
COMM **ATF**	 tfc 123.2 5NM 3100 ASL
PRO	Arr/dep 198° fr heli, slope 12% (H2), day/night use.
CAUTION	CYR 706 (Aldershot) SFC-1000 1.4NM NW. Obstruction 556 ASL under arr/dep track - see sketch.

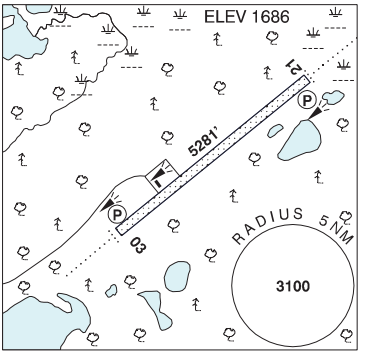
KERR FIELD ON — See BRUCE MINES / KERR FIELD

KERROBERT SK — CJP2



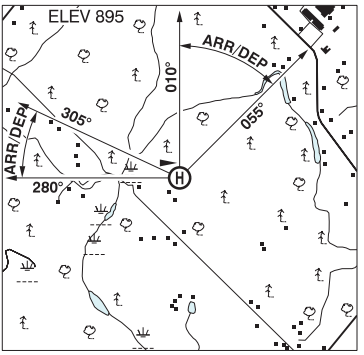
REF	N51 55 37 W109 07 46 Adj N 12°E (2016) UTC-6 Elev 2208' A5006
OPR	Town 306-834-7788 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 11(109°)/29(289°) 2550x125 GRASS Rwy 17(171°)/35(351°) 1600x120 GRASS
RCR	Opr Ltd win maint. Soft when wet.
LIGHTING	11-(TE LO), 29-(TE LO)
COMM	
ATF	tfc 123.2 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 29 (CAR 602.96).

KEY LAKE SK — CYKJ



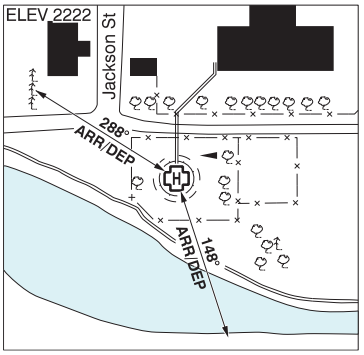
REF	N57 15 23 W105 37 03 10°E (2013) UTC-6 Elev 1686´ A5024 LO1 HI2 HI3 CAP
OPR	Cameco Corp 306-956-6502 O/T 306-222-9698 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	METAR AUTO H24 (see COMM). WxCam TAF 10-24Z, issue times: 10, 13, 19Z.
RWY DATA	Rwy 03(033°)/21(213°) 5281x178 GRVL Rwy 03 down 0.34% AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	03-AD AS(TE LO) AP, 21-AD AS(TE LO) AP O/R 122.7 AD & TE non std.
COMM	
DRCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 4700 ASL
A/G	Cameco dispatch 122.875
AWOS	127.7
NAV	
DME	YKJ 115.3 Ch 100 N57 10 02 W105 50 28 (1915')

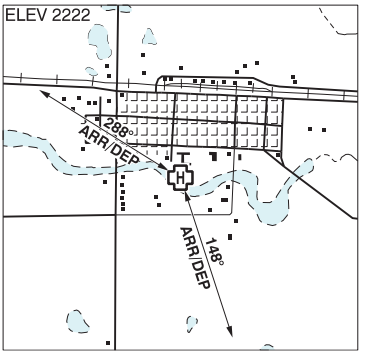
KILBRIDE (BOT) ON (Heli) CCB8



REF	N43 26 54 W79 56 57 1.5N 10°W (2017) UTC-5(4) Elev 895' VTA A5000
OPR	Bot Engineering 905-876-4301 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
HELI DATA	FATO/TLOF 60' dia GRVL Safety Area 70' dia
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.5 5NM centred on Burlington Executive A/D 4.3NM ESE below 2500 ASL
PRO	Arr/dep 010° to 055° and 280° to 305°, slope 10% (H3), day use only. Do not fly over surrounding residences.
CAUTION	Trees and 70' twr with wires located on the SE side within 500' of the landing area.

KILLAM (HEALTH CENTRE) AB (Heli) CKH5





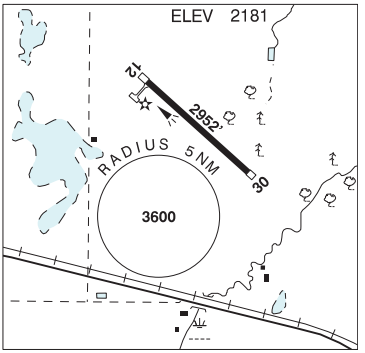
REF	N52 47 15 W111 51 35 Adj S 14°E (2014) UTC-7(6) Elev 2222' A5015
OPR	FM&E Covenant Health 780-385-3741 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 67' dia GRASS TLOF 39' dia CONC Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96)
RCR	Opr
COMM	
ATF	tfc 123.2 5NM centred on Killam land A/D 3NM E 5200 ASL

KILLAM (HEALTH CENTRE) AB (Heli) (Cont'd) CKH5

PRO	Arr/dep 288° & 148° fr heli, slope 16% (H2), NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	P-lines NE of heli.

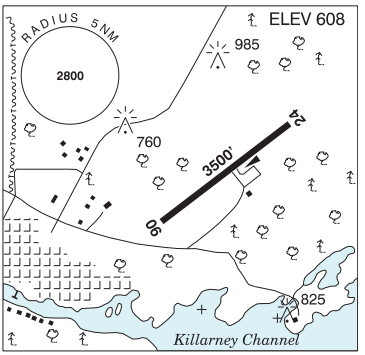
KILLAM-SEDGEWICK / FLAGSTAFF REGIONAL AB CEK6

REF	N52 47 44 W111 45 38 3E 14°E (2014) UTC-7(6) Elev 2181' A5015 LO2 CAP
OPR	Flagstaff County 780-385-4877 or 780-384-4100 Reg
PF	B-1 C-2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	100LL PN
RWY DATA **RCR**	Rwy 12(118°)/30(298°) 2952x75 ASPH AGN IIIA Opr Ltd maint
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 5200 ASL



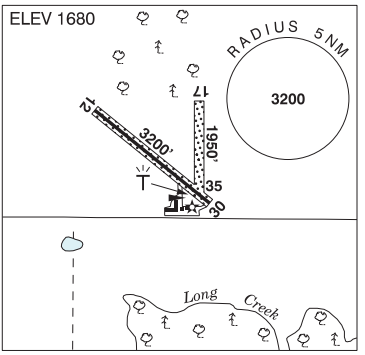
KILLARNEY ON CPT2

REF	N45 58 39 W81 29 41 AdjE 10°W UTC-5(4) Elev 608´ A5000 A5001
OPR	Municipality of Killarney 705-287-2424/1040 Reg Attendant summer only 705-920-2929
PF	C-2,3,4,5
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL summer only no cash VISA/MC only closed Tues/Wed
RWY DATA **RCR**	Rwy 06/24 3500x75 ASPH Aprt mgr Opr
LIGHTING	RR rwy, twy, apron. ARCAL-122.85 activates rwy alignment strobes (5 clicks on, 7 clicks off).
COMM **ATF**	tfc 122.8 5NM 3600 ASL
CAUTION	Lgtd twrs 0.7NM SSE 825 ASL, 0.4NM N 996 ASL and 0.4NM NW 760 ASL



KILLARNEY MUNI MB — CJS5

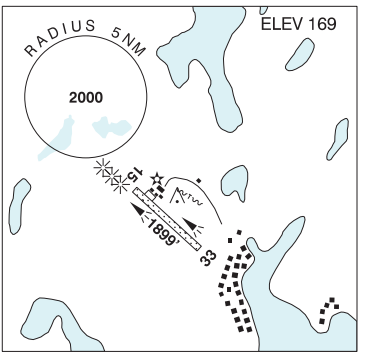
REF	N49 09 06 W99 41 25 1.6SSW 7°E UTC-6(5) Elev 1680´ A5007 LO4
OPR	Killarney Flying Club 204-523-6316/6083 Reg PPR
PF	B-1 C-2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	For svcg 204-523-6316/6083, 204-534-7609
FUEL	100LL
OIL	All



RWY DATA	Rwy 12(122°)/30(302°) 3200x75 packed GRVL/ASPH centre 30' ASPH Rwy 17/35 1950x100 GRASS
RCR	Opr Ltd win maint
LIGHTING	12-(TE LO), 30-(TE LO) Lgt on SS to SR with photo cell.
COMM	
ATF	tfc 123.2 5NM 4700 ASL
CAUTION	Lgtd twr 1940 ASL (315 AGL) 2NM NNE of A/D.

KIMMIRUT NU — CYLC

REF	N62 50 53 W69 52 38 26°W (2019) UTC-5(4) Elev 169´ A5033 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-4,5 CARS ops hrs O/T PN
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	867-939-2254 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS



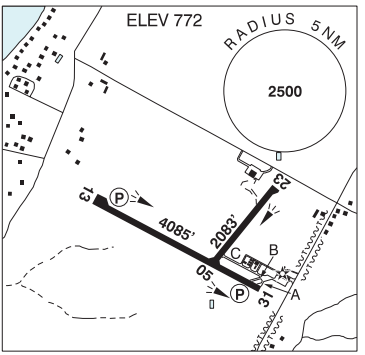
RWY DATA	Rwy 15(154°)/33(334°) 1899x75 GRVL Rwy 15 down 3.05% first half, down 0.35% second half.
RWY CERT	Rwy 15/33 AGN II
RCR	Maint contractor 867-218-0100/0098. A/D maint avbl 13-22‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	15-(TE LO), 33-(TE LO) ARCAL-122.1 type J (see CAUTION)

KIMMIRUT NU (Cont'd) CYLC

COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 12-20Z‡ Mon & Fri, 13-21Z‡ Tue, Wed & Thu, exc federal observed hols.
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). **Terrain:** High terrain all quads. **Apch/Dep:** Steeper than normal apch/dep. **Obstacles:** Obstacles E of rwy include bldgs, P-lines & antenna. 3 obstacle lgts on final Rwy 15. **Graded areas:** Graded areas around rwy are extremely ltd or non-existent. **Night ops:** Only pilot with considerable experience with lcl terrain should use this aprt dur hrs of darkness due to sur terrain. Extv migratory bird activity May-Oct.

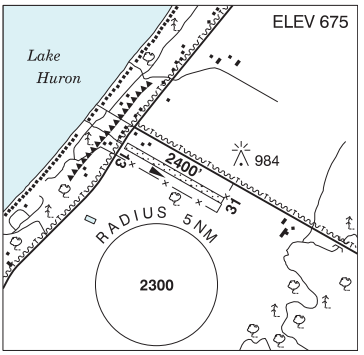
KINCARDINE ON CYKM

REF	N44 12 05 W81 36 20 1.5NNE 9°W UTC-5(4) Elev 772´ A5000 LO4 LO6 CAP
OPR	Municipality of Kincardine 519-396-4454 Reg
PF	A-1,7,8 B-2,6 (May-Oct) C-2,3,4,5,6
CUST	AOE/CAN 1-888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
RWY DATA	Rwy 13(127°)/31(307°) 4085x75 ASPH AGN IIIA Rwy 05(048°)/23(228°) 2083x50 ASPH AGN II
RCR	Opr 13-22Z‡
LIGHTING	13-(TE ME) AP, 31-(TE ME) AP, 05-(TE ME), 23-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 31 (CAR 602.96).
CAUTION	Migrating birds in vic May - Sep. Lakeshore area noise sensitive dur sum months. Snow removal eqpt may be on rwys as rqrd dur win months. Rdo ctl models oprg NE of hg dur sum - unsked times.



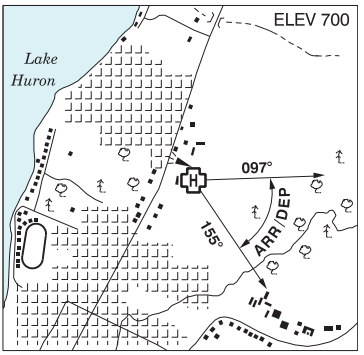
KINCARDINE / SHEPHERD'S LANDING ON — CKS9

REF	N44 07 03 W81 41 54 4.5SW 9°W UTC-5(4) Elev 675´ A5000
OPR	G. Shepherd 519-832-0666 Reg Ltd hrs
PF	C-1,2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **S**	4,5,6
RWY DATA **RCR**	Rwy 13/31 2400x70 GRASS Opr Ltd win maint, soft in spring & fall.
COMM **ATF**	tfc 122.8 5NM 3700 ASL
CAUTION	Marked P-line aprx 35 AGL aprx 70´ fr Thld 13. Painted & lighted twr 300 AGL 800´ N of Thld 31. Lakeshore noise sensitive dur sum months.

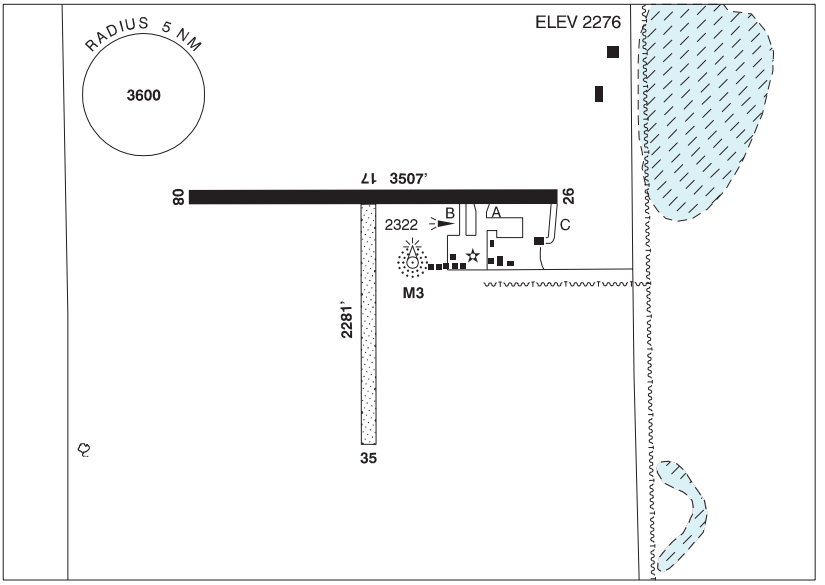


KINCARDINE (SOUTH BRUCE GREY HEALTH CENTRE) ON (Heli) — CPU2

REF	N44 11 15 W81 37 28 Adj 9°W UTC-5(4) Elev 700´ A5000
OPR	Kincardine South Bruce Grey Health Centre 519-396-3331 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' x 86' ASPH Safety Area 114' x 114' Max heli overall length 57.5'
LIGHTING	RY(LO) RF(FL)
COMM **ATF** **A/G**	Kincardine UNICOM ltd hrs O/T tfc 122.8 5NM of Kincardine A/D 3800 ASL ambulance dispatch 129.275
PRO	Arr/dep 097°- 155° fr heli, slope 8% (H3), day/night use. Kincardine aprt 1NM NE.



KINDERSLEY REGIONAL SK — CYKY

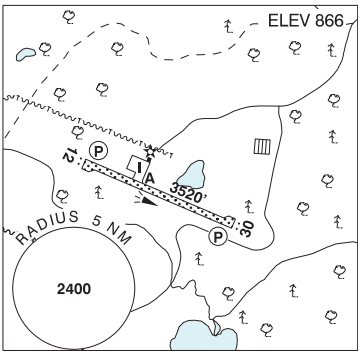


REF	N51 30 55 W109 10 50 2.5N 12°E (2018) UTC-6 Elev 2276´ A5006 LO2 CAP
OPR	Airport Authority 306-460-6840 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24.
SERVICES	
FUEL	100LL, JA ctc Opr
OIL	65, 80, 100
RWY DATA	Rwy 08(078°)/26(258°) 3507x75 ASPH Rwy 26 down 0.42% AGN II Rwy 17(168°)/35(348°) 2281x100 GRASS Rwy 17 down 0.57%
RCR	Opr 14-23Z Mon-Fri (exc hols) PN No win maint Rwy 17/35
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-122.8 type J
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5300 ASL
NAV	
NDB	M3 402 (M) N51 31 01 W109 10 40 Pvt Unmonitored
CAUTION	Lgtd twr 2575 ASL (351 AGL) 2.4NM S of A/D.

KINGFISHER LAKE ON

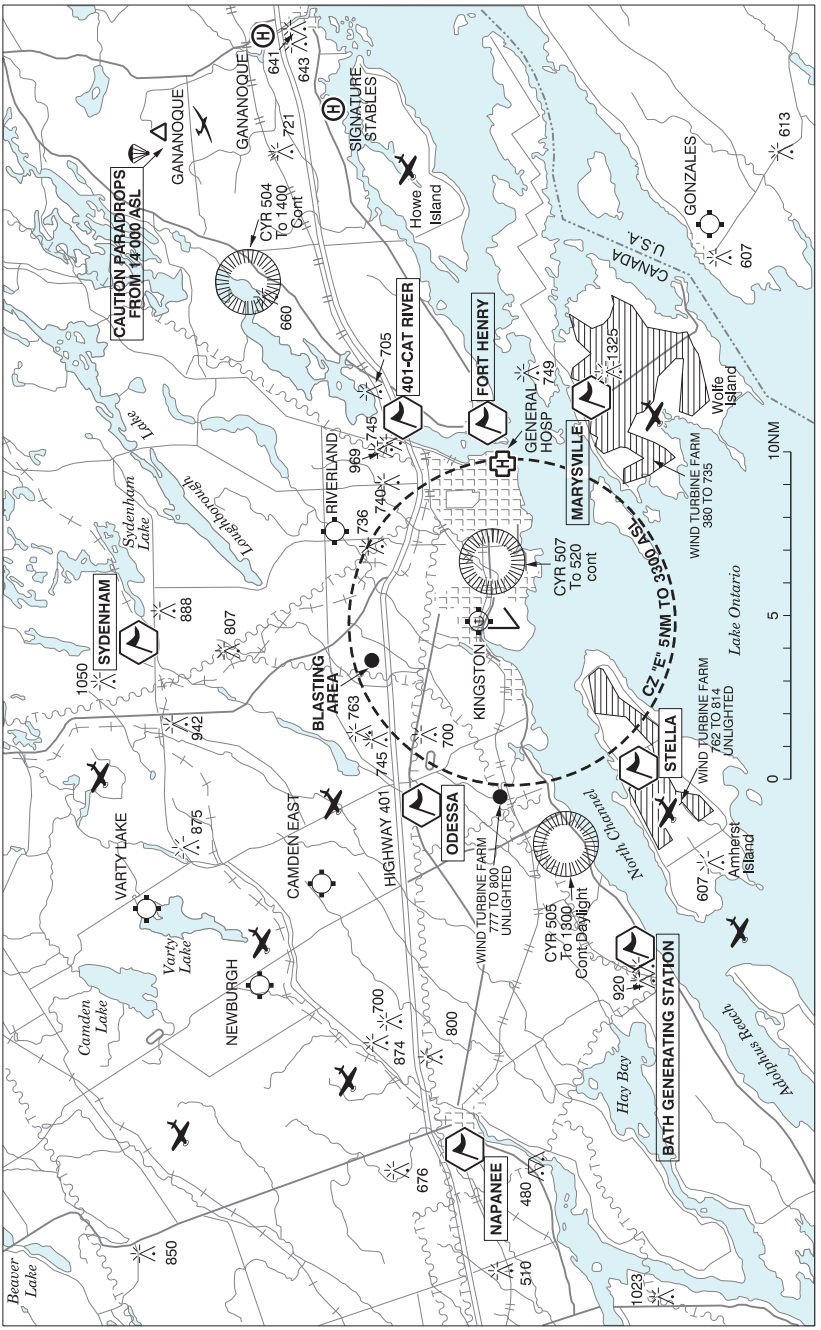
CNM5

REF	N53 00 45 W89 51 19 1.5SW 4°W UTC-6(5) Elev 866´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-532-2009 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 12(117°)/30(297°) 3520x100 GRVL/CLAY
RWY CERT	Rwy 12/30 AGN IIIA
RCR	Aprt Foreperson 807-627-2301 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal &/or climatic var.
LIGHTING	12-AS(TE ME) AP, 30-AS(TE ME) AP ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 3900 ASL



KINGS AERODROME NS — See HILLATON / KINGS AERODROME

KINGSTON VFR TERMINAL PROCEDURES CHART

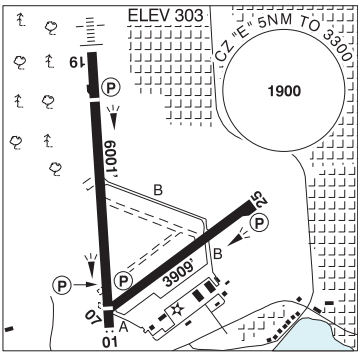


KINGSTON VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
401 - CAT RIVER	VCATR	N44° 16' 45" W076° 27' 00"
BATH GENERATING STATION	VCBTH	N44° 08' 30" W076° 50' 45"
FORT HENRY	VCFHN	N44° 14' 00" W076° 27' 30"
MARYSVILLE	VCMRV	N44° 11' 30" W076° 26' 30"
NAPANEE	VCNAP	N44° 15' 00" W076° 57' 12"
ODESSA	VCODS	N44° 16' 45" W076° 43' 00"
STELLA	VCSTL	N44° 10' 12" W076° 42' 00"
SYDENHAM	VCSDN	N44° 24' 30" W076° 35' 45"

KINGSTON ON — CYGK

REF	N44 13 35 W76 35 48 4.3W 13°W UTC-5(4) Elev 303´ A5000 LO6 LO7 HI5 CAP
OPR	City 613-389-6404 Cert Ltd hrs
PF	B-1,2 C-3,4,5,6
CUST	AOE/30 888-226-7277 14-21Z‡ Mon-Fri exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR 11-04Z‡ O/T LWIS TAF 13-04Z‡; issue times: 13, 20, 02Z (DT 12, 14, 20Z).



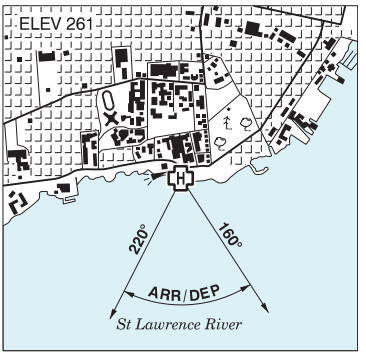
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	65, 80, 100, 120
S	1,2,3,4,5
SUP FL	D-Ice
JASU	CE15
PVT ADV	Central Airways Ltd (World Fuel Services) 123.35 613-389-9300 11-02Z‡ Mon-Fri, 12-02Z‡ Sat-Sun O/T call out chg. Kingston Flying Club 122.8 13-21Z‡ O/T PN 613-389-0954.
MIL CON	Central Airways Ltd (World Fuel Services) 613-389-9300
RWY DATA	Rwy 01(009°)/19(189°) 6001x100 ASPH Thld 01 displ 379'. Thld 19 displ 1001' Rwy 07(066°)/25(246°) 3909x100 ASPH RESA: 01/19 492'
RWY CERT	Rwy 01/19 AGN IIIA Rwy 07/25 AGN IIIA
APRON	Prkg area E of main apron rstd to acft less than 12,500 GTOW.
RCR	FSS CRFI/RSC Ltd win maint hrs Mon-Fri exc hols O/T 3 hrs PN. Fees will be levied. PLR
LIGHTING	01-AS(TE HI) P2, 19-AW AS(TE HI) P2, 07-(TE ME) AP, 25-(TE ME) AP ARCAL-122.5 type K.

KINGSTON ON (Cont'd) CYGK

COMM	
RADIO	122.5 PTC avbl (V) 1115-0400Z‡ (emerg only 613-389-7558)
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
ATIS	135.55 1115-0400Z‡
MF	rdo 122.5 1115-0400Z‡ 5NM 3300 ASL (CAR 602.98)
ATF	tfc 122.5 0400-1115Z‡ 5NM 3300 ASL
NAV	
ILS	IGK 111.3 (Rwy 19) LOC reliable only within 10° either side of centreline.
PRO	Due to rwy slope on 01/19 acft on rwy ends may not be vis to pilots at opposite ends of rwy. VFR tfc outside CZ watch for IFR practice apch acft oprg in vic of Rwy 01/19 extended ctr lines.
CAUTION	Crane 106 AGL (355 ASL) 0.5NM N thld Rwy 19 cont days Apr-Dec. Wildlife frequently on rwys. Blasting ops aprx 4NM N of A/D to 705 ASL.

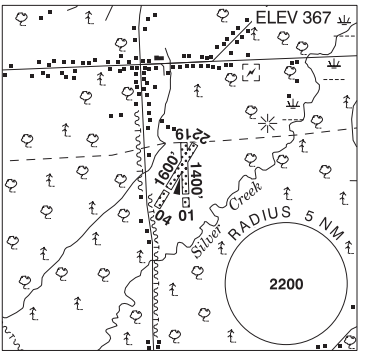
KINGSTON (GENERAL HOSP) ON (Heli) CPJ7

REF	N44 13 20 W76 29 34 Adj 13°W UTC-5(4) Elev 261´ A5000
OPR	General Hosp 613-549-6666 Ext 4142 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ dia ASPH 114´ dia Rstd max heli length 57.5´
RCR	Opr
LIGHTING	FL ARCAL-123.2 type J



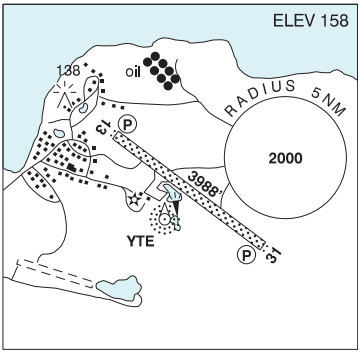
COMM	
RADIO	122.5 (V) 1115-0400Z‡ at Kingston A/D 4.5NM W
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
MF/ATF	rdo 122.5 1115-04Z‡ O/T tfc 5NM centred on Kingston land A/D 4.5NM W 3300 ASL (CAR 602.98)
PRO	Arr/dep btwn 160°-220° fr heli, slope 8% (H3), day/night use. Refer to Kingston VTPC.

KINGSTON / RIVERLAND ON — CRL9



REF	N44 18 44 W76 32 18 5N 12°W (2019) UTC-5(4) Elev 367' A5000
OPR	Shane Pinder 613-484-9707 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for svcs.
S	1,5,6
RWY DATA	Rwy 04(043°)/22(223°) 1600x50 GRASS Thld 04 displ 400' Rwy 01(010°)/19(190°) 1400x50 GRASS Thld 01 displ 200' Rwy 19 slopes down
RCR	Opr No win maint. Rwys soft in spring.
COMM	
ATF	tfc 123.2 5NM 3400 ASL excluding portion within CYGK CZ. CYGK CZ "E" 0.8NM SW A/D.
PRO	Ctc Kingston rdo 122.5 prior to entering CZ.
CAUTION	Trees and rising terrain 0.3NM S of A/D. Trees 400' S displ Thld 01 aprx 40 AGL. P-lines unmarked 400' SW displ Thld 04 aprx 40 AGL. Lgtd twr 548 ASL (197 AGL) 0.3NM E Thld 22. Lgtd twrs 682 ASL (253 AGL) 0.9NM S A/D and 736 ASL (310 AGL) 1.1NM SW A/D. Twr aprx 310 AGL 1.1NM E A/D. Wildlife on rwys.

KINNGAIT AIRPORT NU — CYTE

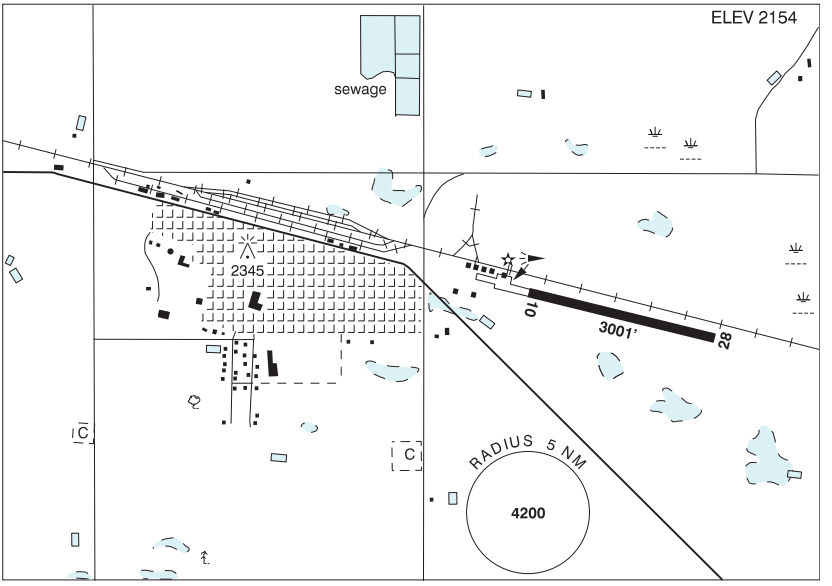


REF	N64 13 49 W76 31 30 22°W (2023) UTC-5(4) Elev 158´ A5032 A5033 A5038 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-897-8330 ltd hrs (see COMM)
WX	METAR dur CARS hrs O/T METAR AUTO (See COMM) TAF H24, issue times:01, 07, 13, 19Z. WxCam
SERVICES	
FUEL	JA-1 867-897-8862/8965 15-22Z‡ Mon-Fri exc hols O/T call out chg PN 867-897-8997. Credit by prior arng allowing 7 working days. 867-897-8400 Credit 867-897-8322 Credit after hours

KINNGAIT AIRPORT NU (Cont'd) CYTE

RWY DATA	Rwy 13(127°T)/31(307°T) 3988x100 GRVL
RWY CERT	Rwy 13/31 AGN IIIA
RCR	Maint contractor 867-897-8834. A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM	
RCO	Québec rdo 123.375 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-22Z‡ Mon & Wed, 14-21Z‡ Tue, 12-17Z‡ Thu, 12-22Z‡ Fri, exc federal observed hols
AWOS	128.7
NAV	
NDB	CAPE DORSET YTE 332 (M) N64 13 43 W76 31 41
CAUTION	High terrain both sides of rwy. Steeper than normal apch to Rwy 31 & dep fr Rwy 13. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5′ outside rwy edge). Lgtd tower 138 ASL (66 AGL) 1040' WNW Thld 13. Extv migratory bird activity May-Oct.

KIPLING SK CKD5



REF	N50 05 57 W102 36 25 8°E (2012) UTC-6 Elev 2154' A5006 LO2 CAP RCAP
OPR	Town 306-736-2515 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 10(096°)/28(276°) 3001x75 ASPH AGN II
RCR	Opr Ocsl delay in snow removal.

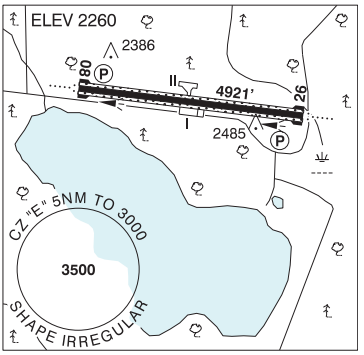
KIPLING SK (Cont'd) CKD5

LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 5200 ASL

KIRBY FIELD ON — See COOKSTOWN/KIRBY FIELD

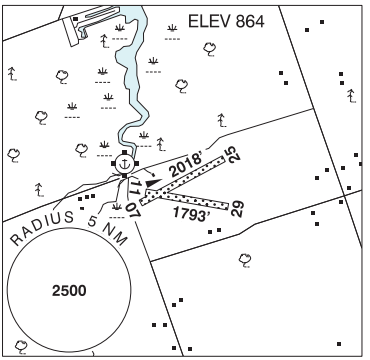
KIRBY LAKE AB CRL4

REF	N55 21 20 W110 38 15 14°E (2013) UTC-7(6) Elev 2260´ A5015 LO1 RCAP
OPR	Canadian Natural Resources Ltd 780-297-2887 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM) ALTIMETER/WIND 780-215-3169 13-07Z‡ (see COMM)
SERVICES	
FUEL	JA-1
SUP FL	D & A ice
RWY DATA	Rwy 08(082°)/26(262°) 4921x100 ASPH/GRVL, centre 80' ASPH Rwy 26 up 0.83%
RCR	Opr
LIGHTING	08-AO(TE HI) P2, 26-AO(TE HI) P2 ARCAL-123.35 type K, rwy edge lgt 5' outside rwy edge
COMM	
ATF	UNICOM (AU) 13-07Z‡ O/T tfc123.35 CZ shape irregular 3000 ASL (see PRO - South Oil Sands Area ATF)
PAL	Edmonton Ctr 134.45 (South Oil Sands)
AUTO	122.175
PRO	Rgt hand circuits Rwy 26 (CAR 602.96). See Conklin VTPC. South Oil Sands Area ATF 123.025. See Conklin VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Tower 120 AGL 2386 ASL 870' NE Thld 08. Tower 270 AGL 2485 ASL 400' SW Thld 26. CYR 204 1.5NM south A/D sfc to unltd, CYR 221 overlays A/D 7000' to unltd. No circling south of rwy. Wildlife ocsl on rwy.



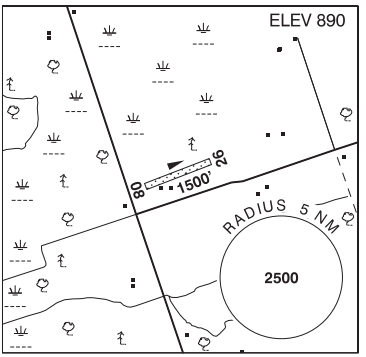
KIRKCALDY AB — See VULCAN / KIRKCALDY

KIRKFIELD / BALSAM LAKE ON — CKD8



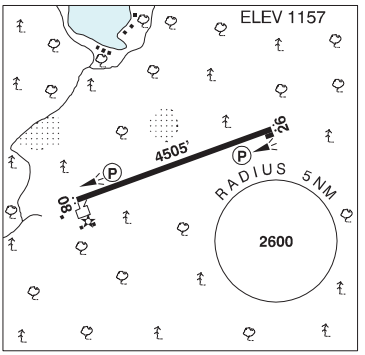
REF	N44 32 24 W78 53 19 4SE 11°W (2015) UTC-5(4) Elev 864' A5000
OPR	Brian Freymond 705-928-1795 Reg PPR
PF	C-2,3,4 D-5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
OIL	50, 80, 100
S	1,2,3,4,5
RWY DATA	Rwy 07(073°)/25(253°) 2018x80 GRASS Rwy 11(111°)/29(291°) 1793x80 GRASS
RCR	No win maint. Rwy may be soft when wet.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.2 5NM 3900 ASL
CAUTION	Hydro wires 500' fr Thld 07. 20' trees 100' fr Thld 11.

KIRKFIELD (PALESTINE) ON — CKP4



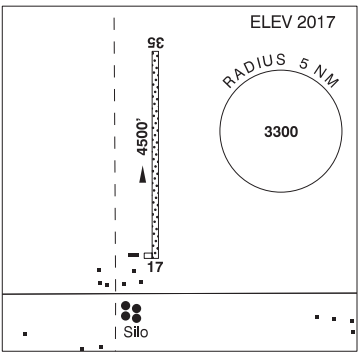
REF	N44 29 24 W78 58 40 4S 11°W (2012) UTC-5(4) Elev 890' A5000
OPR	Rick Simpson 705-439-1613 Reg PPR
PF	C-2,4 D-5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(080°)/26(260°) 1500x50 GRASS
RCR	Opr No winter maint. Rwy may be soft when wet. Uneven rolling surface.
COMM	
ATF	tfc 123.2 5NM 3900 ASL
CAUTION	P-line(s) 50 AGL W of Thld 08 and 40 AGL aprx 400' E Thld 26. Trees close proximity S of Thld 26. Wildlife in vic of rwy.

KIRKLAND LAKE ON — CYKX



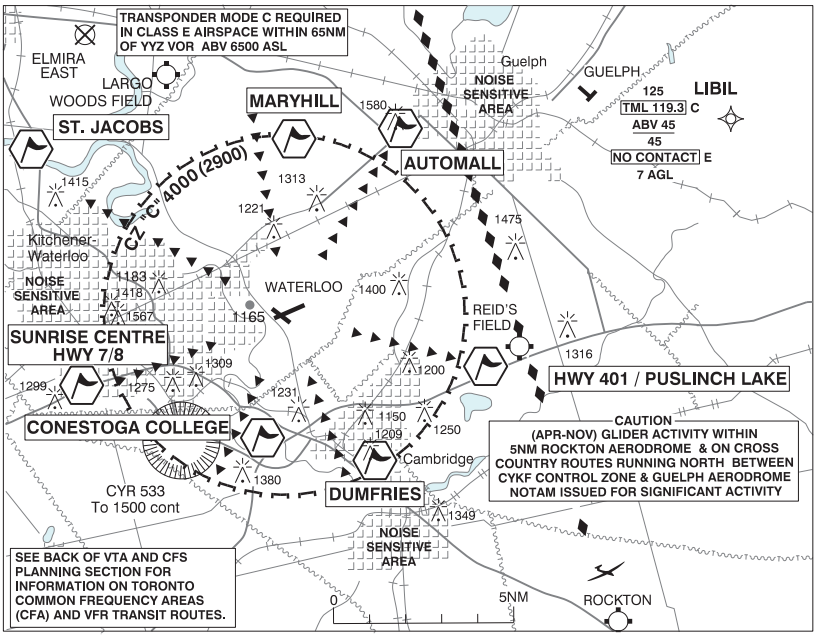
REF	N48 12 37 W79 58 53 6.3NE 12°W UTC-5(4) Elev 1157´ A5009 LO4 LO7 CAP
OPR	Town 705-567-6010 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL	Mon-Fri ltd hrs, unattended wknd and hols. O/T 705-568-7084. Call out chg. 100LL, JA-1
RWY DATA RCR	Rwy 08(083°)/26(263°) 4505x100 ASPH Rwy 08 down 0.47% Opr PN snow removal outside hrs of ops.
LIGHTING	08-AS(TE ME) P2, 26-AS(TE ME) P2 ARCAL-122.8 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	Large animals in vic of rwy. Gravel areas next to apron will not support wheeled acft greater than 2000 Kg. Rwy shoulders within 50´ of edge soft Apr-June.

KISBEY / BRIGDEN FIELD SK — CBR3



REF	N49 37 01 W102 46 05 3.9WSW 7°E (2021) UTC-6 Elev 2017' A5006
OPR	Brigden Ag Air Ltd 306-457-7907 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17/35 4500x50 treated GRVL Opr
LIGHTING	17-(RR), 35-(RR)
COMM ATF	tfc 123.2 5NM 5100 ASL

KITCHENER / WATERLOO VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
AUTOMALL	VCHWE	N43° 32' 12" W080° 19' 02"
CONESTOGA COLLEGE	VCCOL	N43° 23' 22" W080° 24' 38"
DUMFRIES	VCAYT	N43° 23' 12" W080° 20' 15"
HWY 401 / PUSLINCH LAKE	VCFOR	N43° 26' 00" W080° 16' 00"
MARYHILL	VCMYH	N43° 32' 04" W080° 23' 27"
ST. JACOBS	VCJCB	N43° 32' 00" W080° 33' 00"
SUNRISE CENTRE HWY 7/8	VCSRS	N43° 25' 01" W080° 31' 02"

ARRIVALS

NOT BELOW 2600 ASL until advised by ATC. Follow route as depicted then join circuit as per Tower clearance.

DUMFRIES: From the West remain south of Hwy 401 until passing DUMFRIES flyover. Then follow route inbound. Not BELOW 2600 FT ASL.

MARYHILL: Follow route inbound. Pass one mile west of the MARYHILL. Not BELOW 2600 FT ASL.

SUNRISE CENTRE HWY 7/8: Proceed to the SUNRISE CENTRE HWY 7/8 then follow route inbound. Not BELOW 2600 FT ASL.

KITCHENER / WATERLOO VFR TERMINAL PROCEDURES CHART (Cont'd)

DEPARTURES

Follow route as depicted on VTPC.

ST. JACOBS: Follow route to ST. JACOBS.

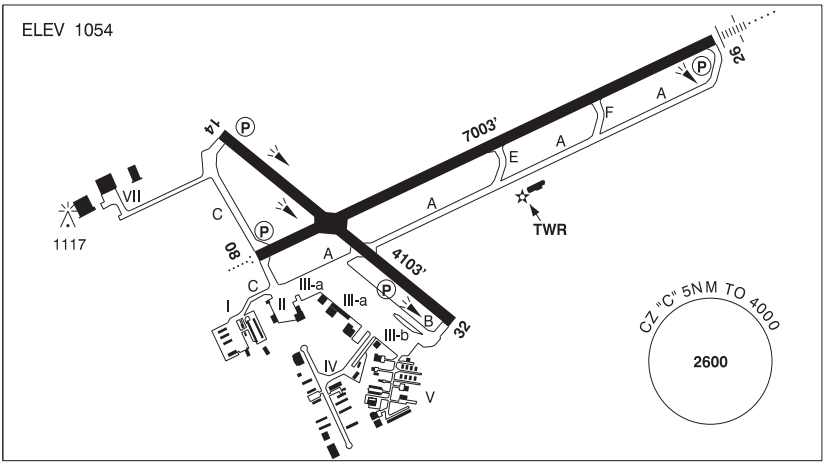
CONESTOGA COLLEGE: Follow route to CONESTOGA COLLEGE. Remain North of HWY 401 until clear of the Control Zone.

AUTOMALL: Follow route to AUTOMALL.

HWY 401/PUSLINCH LAKE: Follow route to HWY 401/PUSLINCH LAKE. Remain North of HWY 401 until clear of CZ.

All VFR aircraft should anticipate arrival and departure instructions from air traffic control (ATC).

KITCHENER / WATERLOO ON CYKF



REF	N43 27 39 W80 22 43 1E 10°W UTC-5(4) Elev 1054´ VTA A5000 LO6 HI5 CAP OC
OPR	Regional Muni of Waterloo 519-648-2256 H24 Cert Ldg fees are applied to all acft above 2500 Kg max tkof wt
PF	A-1,3,6,7,8 B-2 avbl 13-20Z‡ Mon-Sat C-4,5
CUST	AOE/15 888-226-7277 Gen Avn only AOE/180 12-04Z‡ 519-648-3858 2hrs PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 0140, 0740, 1340, 1940Z.

KITCHENER / WATERLOO ON (Cont'd) CYKF

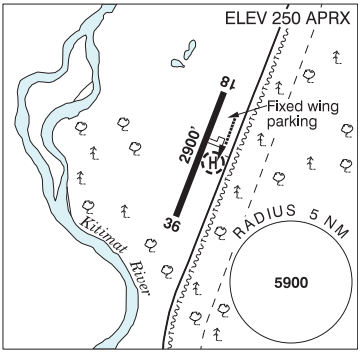
SERVICES	
FUEL	100LL, JA (FSII avbl), JA-1 (FSII avbl)
OIL	80, 100
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 7 for sked pax flt. CAT 7 for non-sked 45 min PN 519-648-3370. PPR for acft 20 seats and abv, exc for diversions or as an altn.
JASU	Air Start
PVT ADV	Chartright 129.475 905-671-4674 1100-0130Z‡ O/T call out chg. Flite Line svc 130.5 519-514-0530 11-01Z‡ O/T call out chg. Summit Fuel Services 123.5 519-497-8091 12-02Z‡ O/T call out chg.
MIL CON	Flite Line Services Inc. 519-514-0530
RWY DATA	Rwy 14(138°)/32(318°) 4103x148 ASPH Rwy 08(075°)/26(255°) 7003x148 ASPH Rwy 26 down 0.44% RESA: 08 197'; 26 295'
RWY CERT	Rwy 14/32 AGN IIIA Rwy 08 RVR 1200(1/4sm)/Rwy 26 RVR 1200(1/4sm) AGN IIIB
TWY CERT	Twy B AGN IIIA
APRON	Apron I rstd to acft max wingspan 50'. Apron II rstd to acft max wingspan 55'. Turbine acft PPR. Apron IIIA tml apron for air carriers only. Rstd to acft max wingspan 118', larger acft PPR. Apron IIIB GA freight rstd to acft max wingspan 118', larger acft PPR. Apron IV rstd to acft max wingspan 118'. Apron V rstd to acft max wingspan 79'. Apron VII rstd to acft max wingspan 170'.
RCR	Aprt Ops 519-648-3370 CRFI/RSC avbl H24. PLR/PCN.
LIGHTING	08-AO(TE HI) P2, 14-(TE HI) P1, 26-AN(TE HI) P2, 32-(TE HI) P1 ARCAL-126.0 type K when twr clsd. PAPI Rwy 14, 32 and 26 not avbl on ARCAL, on continuously: low ints at SS minus 30 min to SR minus 30 min, high ints at SR minus 30 min to SS minus 30 min.
COMM	
ATIS	125.1 12-04Z‡
GND	Waterloo 121.8 12-04Z‡
TWR	Waterloo 126.0 118.55 (V) 12-04Z‡ (emerg only 519-648-3055)
MF	tfc 126.0 04-12Z‡ 5NM 4000 ASL (CAR 602.98)
ARR	Toronto Tml 128.275
DEP	Toronto Tml 128.275
PAL	Toronto Ctr 128.275
AWOS	125.1 04-12Z‡
NAV	
DME	WATERLOO YWT 115.0 Ch 97 N43 27 31 W80 22 46 (1047′)
ILS	IKF 110.7 (Rwy 26) LOC reliable only within 10° either side of centreline.
RESTRICTIONS	OPERATING RESTRICTIONS: Acft with wingspans greater than 118' must use rwys, Twy C or Twy BA for taxiing.

KITCHENER / WATERLOO ON (Cont'd) CYKF

PRO	Pursuant to CAR 602.105, the following procedures are in effect. Noise Abatement pro in effect for all acft. See CAP or VTPC. Pilots flying an inst apch pro to Rwy 26 take note: The pro turn overflies Guelph Aprt (circuit hgt 2100 ASL). Pilots flying an inst apch pro to Rwy 26 can anticipate delays and/or restrictions when Rwys 05 & 06R are in use at Toronto/Lester B. Pearson. IFR tng flts are to ctc National Traffic Management Unit (FLOW CTL) 800-268-4831 2 hrs prior to ETD or possible delays. VFR tfc outside CZ watch for apch acft oprg in vic of extended Rwy 26 centreline. VFR dep avoid noise sensitive areas at an operationally safe alt. Pursuant to CAR 602.105, the following procedures are in effect. Rgt hand circuits Rwy 32 (CAR 602.96). No VFR or IFR tng on Rwy 08 btwn 02-12Z‡ **REDUCED VISIBILITY OPERATING PROCEDURES (RVOP):** One acft permitted on manoeuvring area at a time dur RVOP. RVOP avbl 12-04Z‡ only. For VFR ARR/DEP rtes see Kitchener/Waterloo VTPC.
CAUTION	Winch-launched hang gliders, cable to 2000 AGL N43 33 18 W080 31 31 near St. Jacobs aprx 8.5NM NW of A/D.

KITIMAT BC CBW2

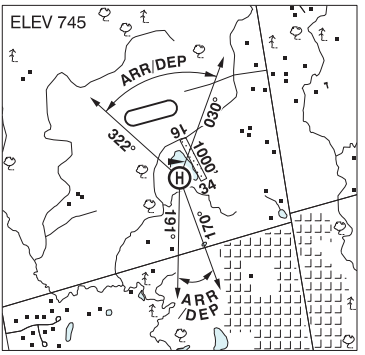
REF	N54 09 50 W128 34 51 7N 18°E (2022) UTC-8(7) Elev 250´ aprx A5013 LO1
OPR	Kitimat Flying Club 250-632-3096, 250-631-1189 Reg
PF	D-1,2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18/36 2900x75 ASPH Opr No win maint
HELI DATA	Parking Pad 1: 131' x 164' GRASS



COMM ATF	tfc 122.8 5NM 3300 ASL
NAV NDB	ZKI 203 (M) N54 03 15 W128 40 12
PRO	Rgt hand circuits Rwy 18 (CAR 602.96).
CAUTION	Radio-controlled model acft flown in vic of A/D.

KLEINBURG (TAVARES FIELD) ON CTV4

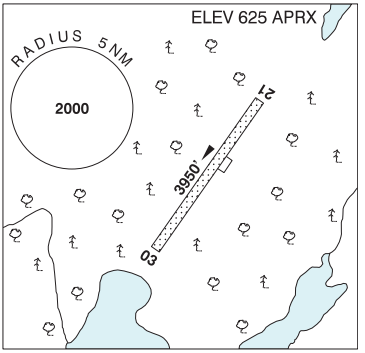
REF	N43 51 40 W79 35 55 1.7NE 10°W (2023) UTC-5(4) Elev 745' A1900 A5000
OPR	Daniel Tavares 416-801-5567 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16/34 1000x40 GRASS Opr No win maint
HELI DATA	FATO/TLOF 60' dia GRASS Safety Area 79' dia Max heli overall length 39'
COMM ATF	tfc 123.2 4NM 1700 ASL
PRO	Arr/dep btwn 322°-030° and btwn 170°-191° fr heli. Ctc Toronto Tml before entering Class C airspace 1700 ASL and above, overlying A/D.
CAUTION	Lgtd twr 896 ASL (197 AGL) 0.2NM WSW of A/D. Heli 400' W of rwy.



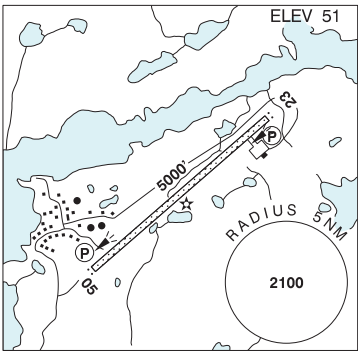
KLEINBURG (TAVARES HELIPAD) ON — See KLEINBURG (TAVARES FIELD) Sep 24

KNEE LAKE MB CJT3

REF	N54 54 55 W94 47 53 1N 0° (2015) UTC-6(5) Elev 625´ aprx A5016 A5017
OPR	North Star Transit 800-563-7151 Reg PN
PF	C-1,2,5 PN Opr
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL, JA (avbl at resort) PN opr
RWY DATA RCR	Rwy 03(035°)/21(215°) 3950x110 crushed rock Rwy 03 slopes up. Ctc opr PN Opr May 15-Sep 1 No win maint.
COMM ATF	UNICOM ltd hrs May 15-Sep 1 O/T tfc 122.8 5NM 3700 ASL
NAV NDB	4J 314 (L) N54 53 00 W94 48 00 Pvt Unmonitored

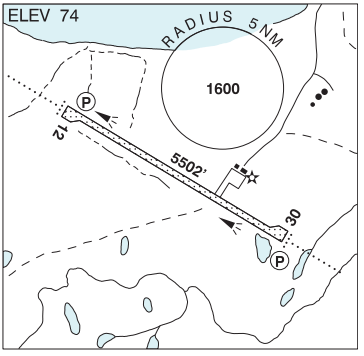


KUGAARUK NU — CYBB



REF	N68 32 09 W89 48 19 14°W (2022) UTC-7(6) Elev 51´ A5043 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-769-6567 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-24Z‡ Mon-Fri, issue times: 15, 19Z (DT 14, 19Z) TAF 18-01Z‡ Sat, issue times: 18Z‡ TAF 20-24Z‡ Sun, issue times: 20Z‡ exc hols.
SERVICES	Call out chg may be levied.
FUEL	JA-1 1430-2400Z‡ Mon-Fri exc hols. PN ctc 867-769-6231/6236. Credit cards not accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
RWY DATA	Rwy 05(049°T)/23(229°T) 5000x100 GRVL Rwy 23 up 0.62%
RWY CERT	Rwy 05/23 AGN IIIA
RCR	Maint Contractor 867-360-6272, 867-391-0033. A/D maint avbl 15-24Z‡ Mon-Fri exc hols, O/T 12 hrs PN. Call out chg. PLR/PCN
LIGHTING	05-AS(TE ME) P1, 23-AS(TE ME) P1 ARCAL-122.1 type K (See CAUTION)
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-24Z‡ Mon-Fri, 16-01Z‡ Sat, 18-24Z‡ Sun, exc federal observed hols.
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

KUGLUKTUK NU — CYCO

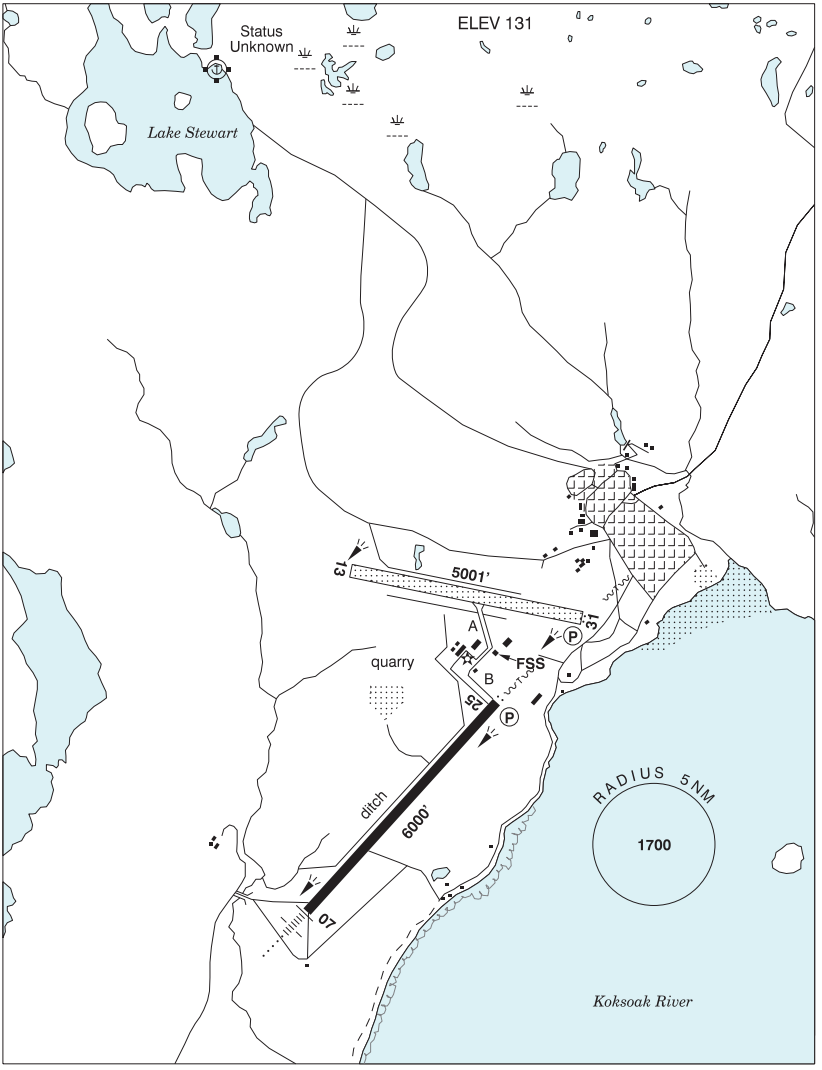


REF	N67 49 00 W115 08 38 16°E (2020) UTC-7(6) Elev 74' A5035 LO5 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-982-4131
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	For svc, call 867-982-3400/4231 or 867-983-7259/7285. Call out chg may be levied for one or more svcs outside normal oprg hrs.
FUEL	100LL(D), JA-1 16-24Z‡ Mon-Fri exc hols. PN 867-982-4231 or 867-445-0932. Credit cards not accepted. Credit by prior arng only, ctc 867-645-8400.

KUGLUKTUK NU (Cont'd) CYCO

RWY DATA	Rwy 12(121°T)/30(301°T) 5502x100 GRVL Rwy 12 up 0.58%
RWY CERT	Rwy 12/30 AGN IIIB
RCR	Maint contractor 867-360-6272, 867-391-0033. A/D maint avbl 14-23Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call out chg. CRFI, PLR/PCN.
LIGHTING	12-AO(TE ME) P2, 30-AO(non-std 540') (TE ME) P2 ARCAL-122.1 type K avbl if CARS stn clsd. (See CAUTION).
COMM	
RCO	Edmonton rdo 123.15 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3100 ASL (CAR 602.98)
PAL	Edmonton Ctr 124.25
APRT RDO	122.1 (V)
NAV	
NDB	COPPERMINE YCO 372 (M) N67 49 16 W115 05 53
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5′ outside rwy edge). Extv migratory bird activity May-Oct.

KUUJJUAQ QC CYVP

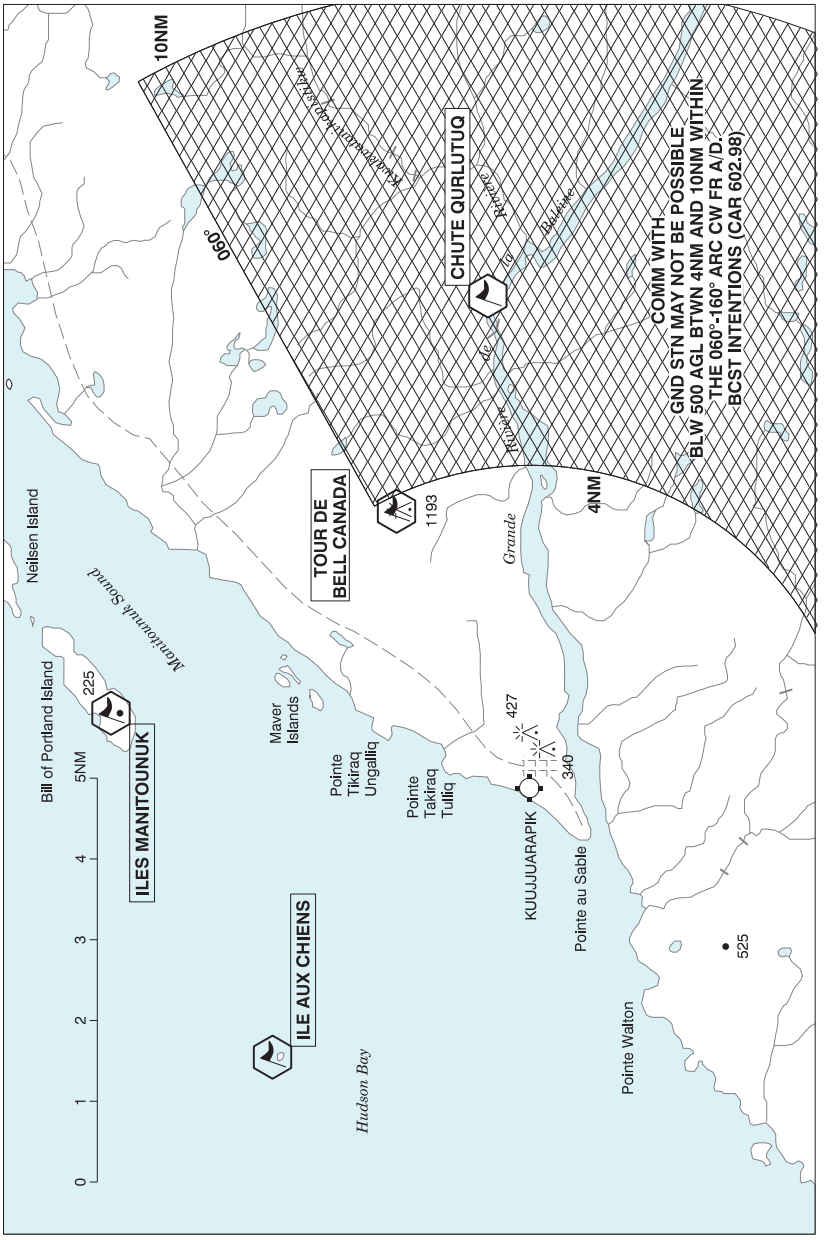


REF	N58 05 42 W68 25 20 1.5SW 22°W (2020) UTC-5(4) Elev 131´ A5027 LO5 HI1 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,3,4,5

KUUJJUAQ QC (Cont'd) CYVP

FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Halutik Fuel Inc 819-964-6413/2978 1330-22Z‡ Mon-Fri O/T Call out chg may be levied for one or more svcs Fax 819-964-0230
FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. Halutik Fuel Inc 819-964-2978/2585 or CELL 819-964-6413 13-22Z‡ Mon-Fri O/T svc chg. VISA, Master Card and American Express accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
OIL	15W50
S	2
RWY DATA	Rwy 07(064°)/25(244°) 6000x150 ASPH Rwy 25 down 0.55%. Rwy 13(124°)/31(304°) 5001x100 ASPH Rwy 13 down 1.34%. Rwy 13/31 not recommended for high performance acft or with wingspans greater than 24m (79'). Ctc opr
RWY CERT	Rwy 07/25 AGN IV Rwy 13/31 AGN IIIA
TWY CERT	Twy A AGN IIIA
RCR	Opr CRFI, Win maint 13-21Z‡ Mon-Fri, O/T 3 hrs PN. PLR/PCN
LIGHTING	07-AN(TE HI), 25-AS(TE HI) P2, 13-(TE ME), 31-AS(TE ME) P2 O/R thru FSS.
COMM	(bil)
RADIO	122.3 296.6 (E) (emerg only 819-964-2841)
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst) 5680
MF	rdo 122.3 15NM 3200 ASL (CAR 602.98)
PAL	Montréal Ctr 135.1
NAV	
VOR/DME	KUJACK YVP 112.5 Ch 72 N58 05 46 W68 25 38 (152´)
ILS	IVP 110.3 (Rwy 07) RVR LOC reliable only within 10° either side of centreline.
PRO	FIts requiring an IFR Oceanic clnc must ctc the FSS 10 min prior to starting engine, to avoid any delay in the clnc delivery.
CAUTION	**Runway:** Poor drainage Rwy 07/25. Risk of hydroplaning **Wildlife:** Possible presence of large animals within aprt perimeter. **Seaplane:** Seaplane activities Stewart Lake (2.5NM N of aprt). **Radiosonde:** Daily radiosonde balloon launches with an ascent rate of 1000 ft/min between the hrs of 1115-1345Z and 2315-0145Z.

KUUJJUARAPIK VFR TERMINAL PROCEDURES CHART

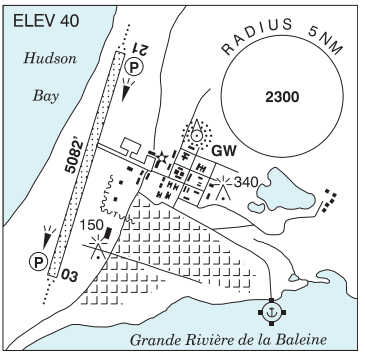


KUUJJUARAPIK VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CHUTE QURLUTUQ	VCHTT	N55° 17' 11" W077° 35' 14"
ILE AUX CHIENS	VCBRK	N55° 20' 16" W077° 51' 08"
ILES MANITOUNUK	VCNUK	N55° 21' 49" W077° 44' 11"
TOUR DE BELL CANADA	VCBCE	N55° 18' 22" W077° 39' 57"

KUUJJUARAPIK QC — CYGW

REF	N55 16 55 W77 45 55 Adj 15°W (2024) UTC-5(4) Elev 40´ A5018 LO5 HI1 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5 819-929-3354
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR AUTO H24. TAF H24, issue times: 00, 06, 12, 18Z. WxCam

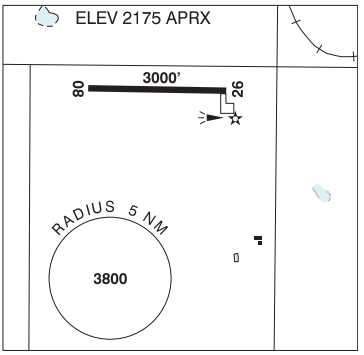


SERVICES **FUEL**	Call out chg may be levied for one or more svcs JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-929-3205 or CELL 819-929-0148 13-22Z‡ Mon-Fri O/T COOP 819-929-3266 svc chg. VISA and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA **RWY CERT** **RCR**	Rwy 03(033°)/21(213°) 5082x150 GRVL Rwy 21 up 0.4% first 2960´ Rwy 03/21 AGN IIIA Opr PLR/PCN Win maint 13-21Z‡ Mon-Fri O/T 3 hrs PN
LIGHTING	03-AO(TE ME) P2, 21-AO(TE ME) P2 ARCAL-122.2 type K
COMM **RCO** **MF** **AWOS**	(bil) La Grande rdo 122.2 (RAAS) Québec rdo 123.475 5680 (FISE) 126.7 (bcst) La Grande rdo 122.2 15NM 3100 ASL Comm with gnd stn may not be possible blw 500 AGL btwn 4 NM and 10 NM within the 060°-160° arc cw fr A/D. Bcst intentions (CAR 602.98) 124.35 (English) 125.15 (French)
NAV **NDB**	 JARPIK GW 371 (M) N55 17 05 W77 45 05

KYLE SK

CJB8

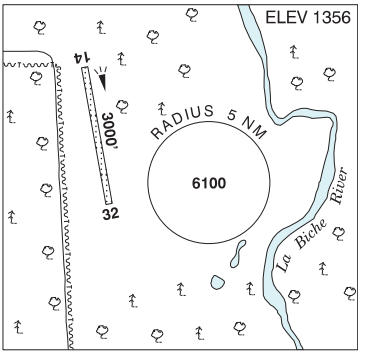
REF	N50 50 00 W108 04 12 0.6W 12°E (2012) UTC-6 Elev 2175´ aprx A5006
OPR	Rick Heard 306-741-1969 Reg
PF	B-1 C-2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 08(079°)/26(259°) 3000x75 ASPH Rwy 08 slopes down Opr No win maint
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 5200 ASL
CAUTION	Lgtd grain elevator apch Rwy 26. Middle 1800 x 36 ft resurfaced, max drop off btwn new and old pavement 1.5 inches.



LA BICHE RIVER YT

CFP6

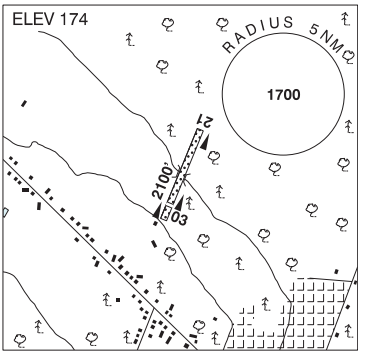
REF	N60 07 45 W124 02 55 19°E (2021) UTC-7 Elev 1356´ A5022 A5029
OPR	EFLO Energy Yukon Ltd 250-261-0035/403-246-8443 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 14/32 3000x100 GRASS/GRVL
RCR	Opr Ltd maint
LIGHTING	14-(TE LO) 32-(TE LO)
COMM	
ATF	UNICOM 122.8 5NM 4400 ASL



LAC AGILE (MASCOUCHE) QC

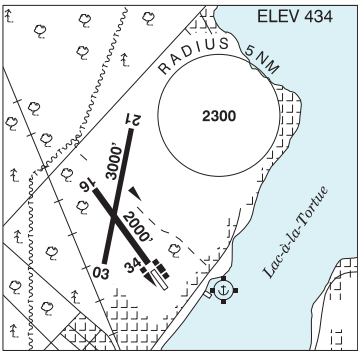
CSA2

REF	N45 47 28 W73 38 17 3.5NNW 15°W (2015) UTC-5(4) Elev 174' A5002 VTA
OPR	Gestion Wilburdea Inc 514-249-4040 or 450-675-0350 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES	
S	1,4
RWY DATA	Rwy 03/21 2100x50 GRASS Thld 03 displ 300'
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 2NM 2000 ASL
PRO	Rgt hand circuits Rwy 21 (CAR 602.96). Touch and go not auth.
CAUTION	Bridge crossing ditch 1000' from displ thld Rwy 21. Possibility of wildlife on the rwy.



LAC-À-LA-TORTUE QC CSL3

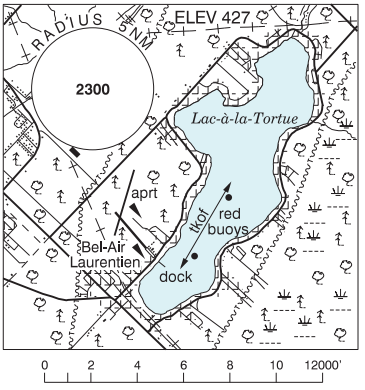
REF	N46 37 18 W72 37 49 2.6E 15°W (2015) UTC-5(4) Elev 434´ A5002
OPR	Bel Air Laurentian Aviation Inc 819-538-8623 Reg
PF	A-1 13-17Z‡ & 18-22Z‡ C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL All 1,2,3,4,5,6 Bel Air Laurentien Aviation



RWY DATA **RCR**	Rwy 03/21 3000x40 ASPH Rwy 16/34 2000x40 ASPH Opr 13-17Z‡ & 18-22Z‡ exc Sat & Sun. Dur thaw period (mid March to end of May) A/D NE sector may be flooded rendering rwys unserviceable. Rwy 03/21 no win maint. Rwy 16/34 ltd win maint. Ctc opr.
COMM **ATF**	(bil) UNICOM ltd hrs O/T tfc 122.7 5NM 3500 ASL
PRO	Mauricie Common Frequency Area. See Section C Planning. Seaplane tfc on adj lake.
CAUTION	**RWY:** Cracks in Rwy 16/34. **OBST:** P-lines N of Thld 16 not lgtd. Four twrs up to 706 ASL (263 AGL) aprx 1.5NM NW A/D. **BLASTING:** Blasting ops, 0.4NM radius from N46 34 53 W72 43 44 (4.7NM WSW of A/D), max alt 2200 ASL.

LAC-À-LA-TORTUE QC (water aerodrome) CSU7

REF	N46 37 00 W72 37 33 2.6E Grand-Mère 17°W UTC-5(4) Elev 427´ A5002
OPR	Bel Air Laurentian Aviation Inc 819-538-8623 Reg
PF	B-1 C-2,3,4,5,6 at adj land A/D
CUST	AOE/15 888-226-7277 13-2130Z‡ Mon-Fri exc hols
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL All 1,2,3,4,5



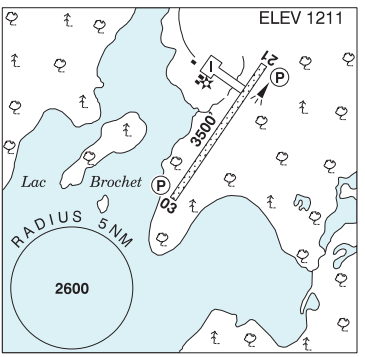
A/D DATA	Open water May-Oct incl. Ramp, crane & sand beach.
COMM **ATF**	 UNICOM ltd hrs O/T tfc 122.7 5NM 3500 ASL

LAC-À-LA-TORTUE QC (water aerodrome) (Cont'd) CSU7

PRO	Considerations for noise abatement: a. Take-off when wind conditions permit, from the centre of the lake in a direction parallel to the red buoys (see sketch). b. Apply power progressively. c. After take-off, as soon as possible when safe, reduce power (for constant speed propeller aircraft). d. Avoid low flying over residences. Pursuant to CAR 602.105, commercial sightseeing flights are authorized during the following period ONLY: from 0900 to 1200 and from 1400 to 1700 (local time). During June, July and August, NO commercial sightseeing flights will be authorized on Saturdays, Sundays, and statutory holidays.
CAUTION	**OBST:** P-line 514 ASL 1NM W. Four twrs up to 706 ASL (263 AGL) aprx 1.5NM NW A/D. **A/D:** Land A/D adj W. **BLASTING:** Blasting ops, 0.4NM radius from N46 34 53 W72 43 44 (4.8NM W of A/D), max alt 2200 ASL.

LAC BROCHET MB CZWH

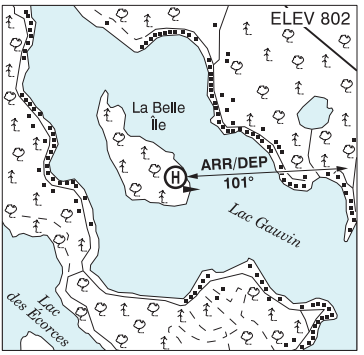
REF	N58 36 51 W101 28 08 1NE 6°E (2014) UTC-6(5) Elev 1211' A5024 LO1 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-337-2732 Cert
PF	A-1 C-2,4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO 204-337-2790 (see COMM) WxCam



RWY DATA	Rwy 03(028°)/21(208°) 3500x100 crushed rock
RWY CERT	Rwy 03/21 AGN IIIA
APRON	Apron I: Ltd win maint
RCR	APM 204-337-2011 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-337-2732
LIGHTING	03-(TE ME) P1, 21-(TE ME) P1 ARCAL-122.8 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4300 ASL
AUTO	122.125
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

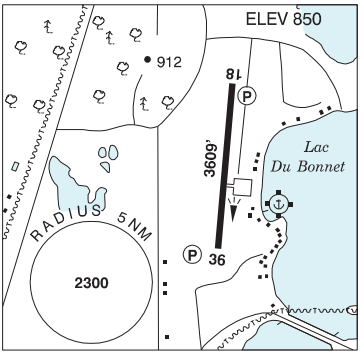
LAC-DES-ÉCORCES / HELIPORT BELLE-ÎLE QC (Heli) CDE2

REF	N46 31 30 W75 23 07 2.1SW 14°W (2016) UTC-5(4) Elev 802' A5000 A5002
OPR	Aviation SB Inc. 514-943-5555 Reg PPR
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 68' x 68' GRASS Safety Area 98' x 98' Max heli overall length 45'
COMM ATF	tfc 122.8 5NM 3800 ASL
PRO	Arr/dep 101° fr heli, unevaluated slope, day use only.



LAC DU BONNET MB CYAX

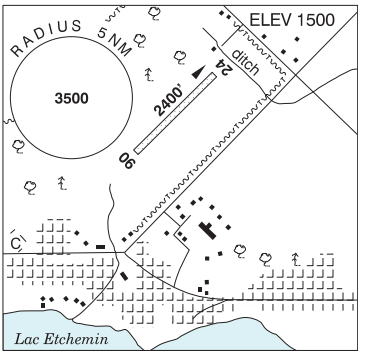
REF	N50 17 41 W96 00 36 3NE 2°E (2013) UTC-6(5) Elev 850´ A5007 LO4 CAP
OPR	Lac Du Bonnet Regional Airport Authority 204-345-3771 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA (Adventure Air) PN 204-345-8322/8323
OIL	All
S	1,2,4,5
PVT ADV	Fly 4 Fun 204-997-9435; Adventure Air 122.8 204-345-8322/8323
RWY DATA RCR	Rwy 18(184°)/36(004°) 3609x75 ASPH AGN IIIA FUELER 204-345-8322/8332
LIGHTING	18-(TE LO) AP, 36-(TE LO) AP ARCAL-122.8 type J
COMM ATF	tfc 122.8 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 18 (CAR 602.96).



LAC ETCHEMIN QC

CSC5

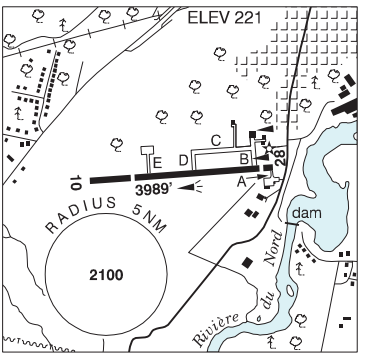
REF	N46 24 26 W70 30 05 Adj N 16°W (2015) UTC-5(4) Elev 1500´ A5002
OPR	City 418-625-4521 Reg May 15-Oct 15
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	 4,5
RWY DATA RCR	Rwy 06/24 2400x85 GRASS Rwy 06 up 1.28% first half Opr No win maint
COMM ATF	(bil) UNICOM ltd hrs O/T tfc 122.8 5NM 4500 ASL
CAUTION	Lgtd twr 1821 ASL (249 AGL) 0.4NM SE A/D.



LACHUTE QC

CSE4

REF	N45 38 22 W74 22 14 1SW 15°W UTC-5(4) Elev 221´ VTA A5002 LO6 LO7 LO8 T2 CAP
OPR	Lachute Aviation 450-562-1330 Reg
PF	B-1,2 C-3,4,5,6
CUST	AOE/CAN 888-226-7277
FLT PLN FIC ACC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. IFR clearance or activation 514-633-3211.
SERVICES FUEL S	 100LL, JA-1 1,2,3,4,5,6
RWY DATA RCR	Rwy 10(101°)/28(281°) 3989x100 ASPH Thld 10 displ 895´. Thld 28 displ 210´. Opr
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-123.0 type K
COMM ATF TML	(bil) UNICOM ltd hrs O/T tfc 123.0 5NM 2500 ASL Outside class "C" airspace Montréal 124.65 268.3

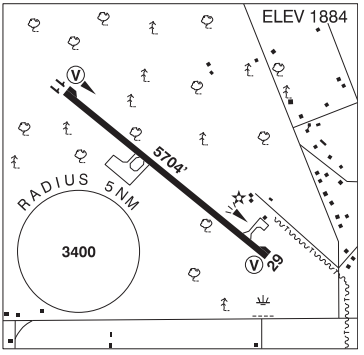


LACHUTE QC (Cont'd) CSE4

PRO	Glider activities aprx May-Jun and Sep-Oct, see Montréal VTPC - Glider Operations. VFR Tng Flt not auth 03-12Z‡.
CAUTION	Due to surrounding terrain, sfc winds may cause windsocks on aprt to show different wind directions. Possibility of deer on rwy.

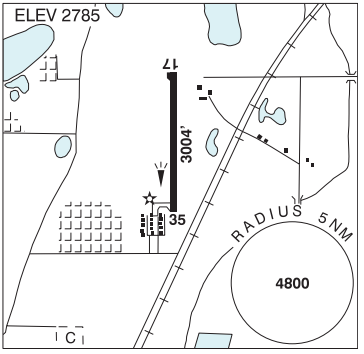
LAC LA BICHE AB CYLB

REF	N54 46 13 W112 01 54 1.5W 15°E (2013) UTC-7(6) Elev 1884´ A5015 LO1 HI3 CAP
OPR	County 780-623-1747 or 780-689-7044 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-623-4050 (see COMM)
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (self-serve H24 VISA & Mastercard) Alberta Central 780-623-4122
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 11(115°)/29(295°) 5704x100 ASPH Rwy 29 up 0.81% AGN IIIA
RCR	Opr
LIGHTING	11-(TE ME) V1, 29-(TE ME) V1 ARCAL-123.2 type K
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 4900 ASL
AUTO	122.125
PRO	HELI: Forestry Spec Ops helis on AD greater than 4 hrs May-Oct restricted to prkg area E of tml outside game fence N54 46 01 W112 01 03.
CAUTION	Water bomber activity at or in vic of A/D Apr thru Sep.



LACOMBE AB CEG3

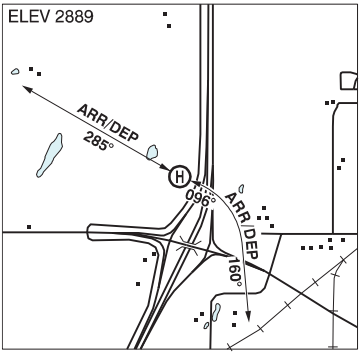
REF	N52 29 19 W113 42 42 Adj NE 15°E (2013) UTC-7(6) Elev 2785' A5015 LO2 CAP
OPR	Lacombe Flying Club 403-896-7175 Reg
PF	C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL Self-serve
S	1,2,3,4,5,6

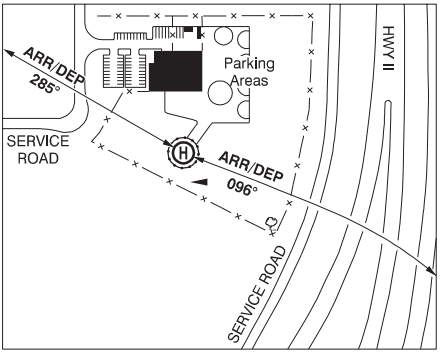


LACOMBE AB (Cont'd) CEG3

RWY DATA RCR	Rwy 17(165°)/35(345°) 3004x74 ASPH Rwy 17 down 0.4% AGN IIIA Opr Ltd maint
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-123.3 type K
COMM ATF	 UNICOM ltd hrs O/T tfc 123.3 5NM 5800 ASL
PRO	Rgt hand circuits Rwy 35 (CAR 602.96). Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Occasional model acft activity on A/D.

LACOMBE (MUSTANG HELICOPTERS) AB (Heli) CMH3

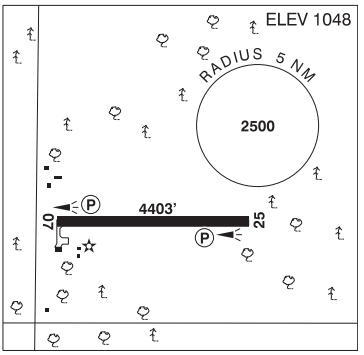




REF	N52 22 44 W113 49 21 6SSW 15°E (2014) UTC-7(6) Elev 2889' A5015
OPR	Mustang Helicopters Inc 403-885-5220 or 587-877-4343 Cert PPR
PF	A-1 C-2,3,5,6 D-4
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES S	 2
HELI DATA RCR	FATO 86' dia TLOF 33' x 59' ASPH Safety Area 115' Max heli overall length 47.4' RCR Opr days only
COMM TWR ATF	 Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547) Lacombe UNICOM at A/D 7.7 NM NNE ltd hrs O/T tfc 123.3 5NM 5900 ASL
PRO	Arr/dep curved flt path 096° to 160° and 285° fr heli, slope 8% (H3). Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Hangar bldg adj N of heli. Lgt pole day-marked on 094º flt path.

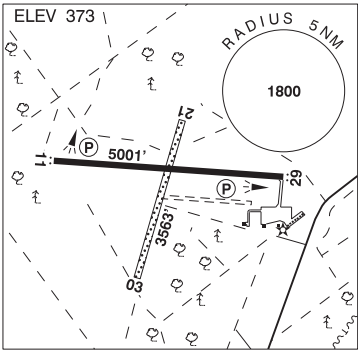
LA CRETE (JAKE FEHR MEMORIAL) AB — CFN5

REF	N58 10 23 W116 20 03 2.5SE 18°E (2013) UTC-7(6) Elev 1048´ A5023 LO1 CAP
OPR	MacKenzie County 780-927-3718 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(072°)/25(252°) 4403x100 ASPH AGN IIIB
RCR	Opr
LIGHTING	07-(TE ME) P1, 25-(TE ME) P1 ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4000 ASL

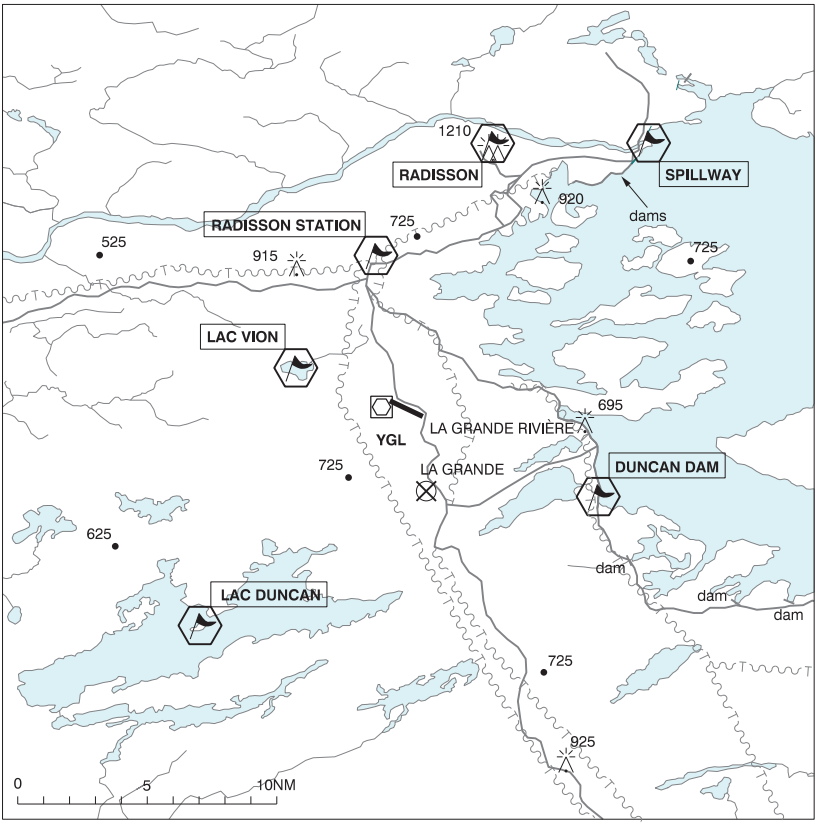


LAC-SAINT-JEAN QC — CYDO

REF	N48 46 36 W72 22 30 7.8NE St-Félicien 16°W (2020) UTC-5(4) Elev 373´ A5010 LO7 HI1 HI5 HI6 CAP
OPR	Aérodrome Lac-Saint-Jean 418-679-3543/7621, 418-637-0188 Reg Ldg fees (commercial acft)
PF	A-1,7 (ltd hrs) C-3,4,5,6 D-2
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	13-21Z‡
FUEL	100LL, JA-1 418-637-0188, 418-679-3543
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 11(110°)/29(290°) 5001x100 ASPH AGN IIIB Rwy 03(032°)/21(212°) 3563x72 GRVL Clsd Nov 01-Apr 30
RCR	Opr
LIGHTING	11-AS(TE ME) P1, 29-AS(TE ME) P1 ARCAL-122.7 type K
COMM	(bil)
ATF	UNICOM Ltd hrs O/T tfc 122.7 5NM 3400 ASL



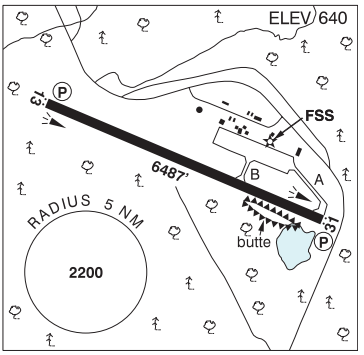
LA GRANDE RIVIÈRE VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
DUNCAN DAM	VCDND	N53° 34' 30" W077° 30' 01"
LAC DUNCAN	VCDKN	N53° 29' 02" W077° 56' 01"
LAC VION	VCION	N53° 39' 09" W077° 49' 21"
RADISSON	VCRAD	N53° 47' 37" W077° 36' 51"
RADISSON STATION	VCRDS	N53° 43' 32" W077° 44' 02"
SPILLWAY	VCSPW	N53° 47' 05" W077° 27' 17"

LA GRANDE RIVIÈRE QC — CYGL

REF	N53 37 31 W77 42 15 16°W (2013) UTC-5(4) Elev 640´ A5018 LO3 HI1 HI4 CAP
OPR	Société de Développement de la Baie James 819-638-8847, 819-638-8333 (Emerg/MEDEVAC) 11-05Z‡ O/T 1 hr PN for MEDEVAC, call out chg. Cert Ldg fees
PF	A-1,2 D-3,4 ATB hrs 11-05Z‡
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.

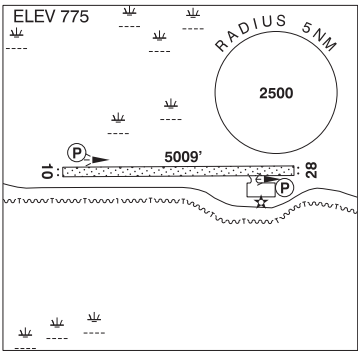


SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl) 12-22Z‡ Mon-Fri, 13-22Z‡ Sat-Sun exc hols O/T 1 hr PN Pétronor Inc. 819-638-9104
S	1,2,6 PN 819-638-8847
SUP FL	D-ice Type I, ctc Valpiro 819-825-3312 Ext 2
PVT ADV	Valpiro 10-21Z‡ Mon-Sun 819-638-3312 Ext 2
RWY DATA	Rwy 13(129°)/31(309°) 6487x150 ASPH Rwy 31 down 0.69%
RWY CERT	Rwy 13/31 AGN
TWY	Twy A: Day use only
APRON	Prkg fees after 6 hrs, ctc Opr. See CAP PARKING AREAS chart.
RCR	Opr CRFI, Win maint 1100-2130Z‡ O/T 1 hr PN for RCR, 3 hr PN for win maint (fees), 819-638-8333.
LIGHTING	13-AS(TE ME) P2, 31-AS(TE ME) P2
COMM	(bil)
RADIO	LA GRANDE 122.3 (V) (emerg only 819-638-8513)
RCO	Québec rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.3 within 15NM to 3600 ASL (CAR 602.98)
PAL	Montréal Ctr 132.1
NAV	
VOR/DME	YGL 112.2 Ch 59 (M) N53 37 32 W77 42 58 (626´)
CAUTION	Rock butte along S side of rwy. Possibility of wildlife in the vic and on the rwy primarily caribou during migration period Oct-Mar. Possibility of migratory birds, mainly seagulls, partridges and sandhill cranes.

LA GRANDE FSS - RCO

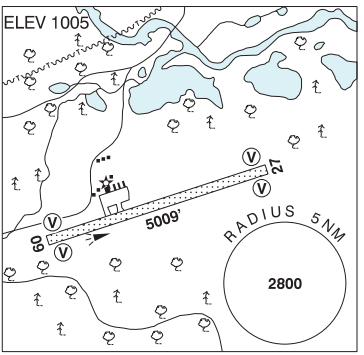
Kuujjuarapik 122.2 (RAAS) (N55 16 55 W77 45 55)

LA GRANDE-3 QC — CYAD



REF	N53 34 18 W76 11 47 17°W (2013) UTC-5(4) Elev 775´ A5018 LO3 HI1 HI4 CAP
OPR	Hydro-Québec 819-638-2988 Fax 819-638-2976 Reg 48 hrs PPR 12-22Z‡
PF	B-1 D-2,5 PN Opr
FLT PLN **FIC** **ACC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353
RWY DATA **RCR**	Rwy 10(104°)/28(284°) 5009x150 GRVL Rwy 10 down 0.56% AGN IIIA Opr Win maint 12-22Z‡ Mon-Fri
LIGHTING	10-AS(TE ME) P2, 28-AS(TE ME) P2
COMM **MF**	(bil) UNICOM (AU) ltd hrs O/T tfc 123.0 15NM 3800 ASL (CAR 602.98)
CAUTION	Possible win maint eqpt on rwy outside ops hrs. Intermittently lgtd twr 1050 ASL (210 AGL) aprx 3NM WNW Thld 10.

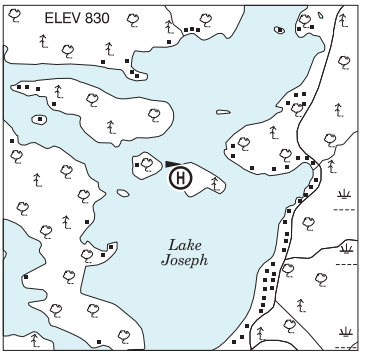
LA GRANDE-4 QC — CYAH



REF	N53 45 17 W73 40 31 18°W (2015) UTC-5(4) Elev 1005´ A5019 LO3 LO5 HI1 CAP
OPR	Hydro-Québec 819-854-6117 Fax 819-854-6109 Reg 48 hrs PPR 12-22Z‡
PF	B-1 D-2,4,5 PN Opr
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR AUTO (see COMM) TAF 12-22Z‡, issue times: 12, 18Z. WxCam
RWY DATA **RCR**	Rwy 09(091°)/27(271°) 5009x150 GRVL AGN IIIA Opr 12-22Z‡ Win maint 12-22Z‡ Mon-Fri
LIGHTING	09-(TE HI) V2, 27-(TE HI) V2
COMM **DRCO** **MF** **AWOS**	(bil) Québec rdo 123.55 (FISE) 126.7 (bcst) UNICOM (AU) ltd hrs O/T tfc 131.2 15NM 4100 ASL (CAR 602.98) 118.45 (English) 119.65 (French)
CAUTION	Possible win maint eqpt on rwy outside ops hrs. Daily radiosonde balloon launches with an ascent rate of 1000 ft/min between the hours of 1115-1345Z & 2315-0145Z.

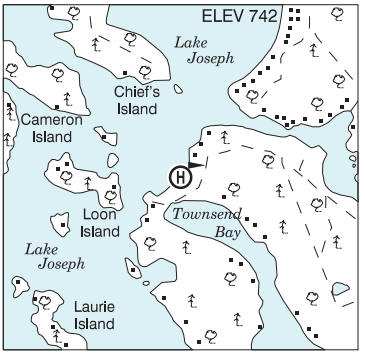
LAKE JOSEPH / EAGLE ISLAND ON (Heli) CJE9

REF	N45 10 41 W79 41 47 3.5NE Foot's Bay 11°W (2020) UTC-5(4) Elev 830' A5000
OPR	Scott Dick/Tim Royes 416-881-0171 or 416-433-8979 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 54' dia hexagonal WOOD TLOF 38' dia WOOD Safety Area 104' dia Max heli overall length 41.7'
COMM ATF	tfc 122.8 5NM 3900 ASL



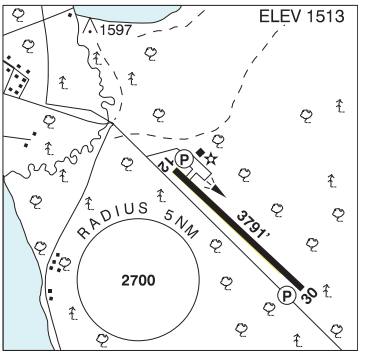
LAKE JOSEPH / SCHEINBERG ON (Heli) CSH7

REF	N45 09 43 W79 41 54 Adj E 10°W (2023) UTC-5(4) Elev 742' A5000
OPR	Rob Dick 905-517-8154 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 80' x 80' WOOD TLOF 25' x 25' WOOD Max heli overall length 52.5'
COMM ATF	tfc 122.8 5NM 3900 ASL



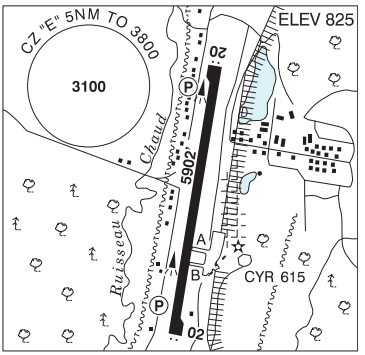
LAKE SIMCOE ON — See BARRIE-ORILLIA / LAKE SIMCOE

LA LOCHE SK — CJL4



REF	N56 28 23 W109 24 13 1.5SE 13°E (2013) UTC-6 Elev 1513´ A5023 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	6
RWY DATA	Rwy 12(118°)/30(298°) 3791x75 paved - TBS Rwy 12 up 1.01% first 333 ft. Rwy 30 up 0.51% first 3458 ft AGN II.
RCR	District office 306-236-7650 or Opr Ltd win maint
LIGHTING	12-(TE ME) P1, 30-(TE ME) P1 ARCAL-122.8 type K
COMM ATF	tfc 122.8 5NM 4500 ASL

LA MACAZA / MONT-TREMBLANT QC — CYFJ



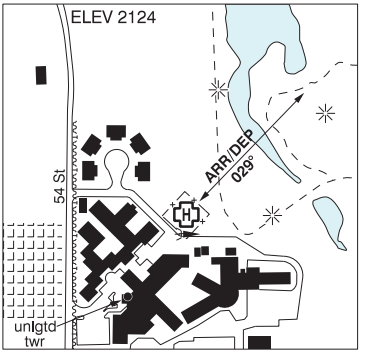
REF	N46 24 33 W74 46 48 2.5N 14°W (2013) UTC-5(4) Elev 825´ A5002 LO6 LO7 HI5 CAP
OPR	Mont-Tremblant Intl Inc 819-275-9099 12-04Z‡ Cert PPR 24 hrs Ldg fees
PF	A-1,6 C-3,4,5
CUST	AOE/15 888-226-7277 13-01Z‡
FLT PLN FIC ACC WX	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 ALTIMETER/WIND ltd hrs (see COMM) WxCam
SERVICES FUEL SUP FL	 100LL, JA-1 (FSII avbl) PPR D & A-ice PPR
RWY DATA RWY CERT TWY CERT RCR	Rwy 02(025°)/20(205°) 5902x150 ASPH Rwy 02/20 AGN IIIB Twy B AGN IIIA Opr 13-04Z‡ CRFI 3 hrs PN, PLR/PCN
LIGHTING	02-AS(TE ME) P2, 20-AS(TE ME) P2 O/R Opr
COMM MF PAL	(bil) UNICOM (AU) ltd hrs O/T tfc 122.7 5NM 3800 ASL (CAR 602.98) Montreal Ctr 133.9

LA MACAZA / MONT-TREMBLANT QC (Cont'd) CYFJ

PRO	Rgt hand circuits Rwy 20 (CAR 602.96). CYR 615 sfc to 1800 ASL E of rwy. Except for IFR traffic above 1200 ASL, no person shall operate an aircraft within the area described unless the flight has been authorized by the User/Controlling Agency.
CAUTION	Seaplane activity on lake north of rwy. Towers 1245 and 1242 ASL 3NM S. Tower 1450 ASL 2NM W.

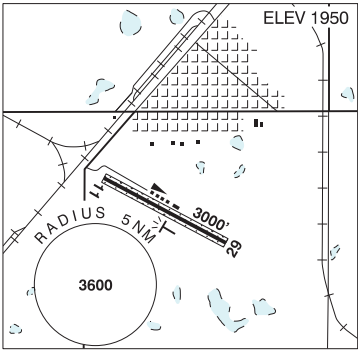
LAMONT (HEALTH CARE CENTRE) AB (Heli) CLM4

REF	N53 45 49 W112 47 16 Adj SW 15°E (2012) UTC-7(6) Elev 2124' VTA A5015
OPR	Alberta Health Services 780-895-2211 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 67' x 67' ASPH Safety Area 89' x 89' Max heli overall length 44.8' (CAR 602.96)
RCR	Opr
LIGHTING	RF(LO)
COMM	
ATF	tfc 123.4 5NM centered on Chipman (CFU3) 6NM ESE 5200' ASL
PRO	Arr/dep 029° fr heli, slope 8% (H3)
CAUTION	P-lines & poles 450' SW thru NW of heli. Rising terrain to the NNE. Unlgtd twr 65 AGL 376' SSW of heli.



LAMPMAN SK CJQ2

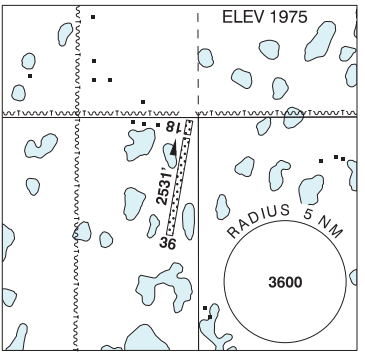
REF	N49 22 19 W102 45 48 8°E (2013) UTC-6 Elev 1950´ A5006
OPR	Lampman Pilots Club 306-487-2463/2462 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 11(110°)/29(290°) 3000x65 GRASS/ASPH, centre 28' ASPH Earl Kickley 306-487-2463 Ltd win maint
RCR	
LIGHTING	11-(LO), 29-(LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 5000 ASL



LAMPMAN / SPITFIRE AIR SK

CSF8

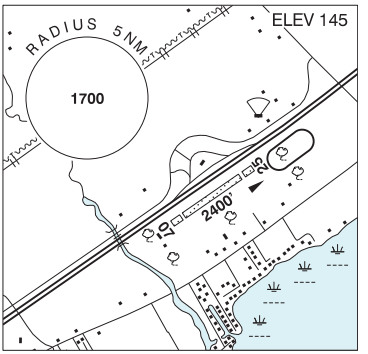
REF	N49 29 24 W102 52 58 8NW 8°E (2014) UTC-6 Elev 1975´ A5006
OPR	Rick Vinck 306-487-7534 Fax 306-634-9209 Reg PPR
PF	A-1 D-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	7
RWY DATA RCR	Rwy 18(182°)/36(002°) 2531x50 GRVL/GRASS Thld 18 displ 307' Opr
COMM ATF	tfc 123.2 5NM 5000 ASL



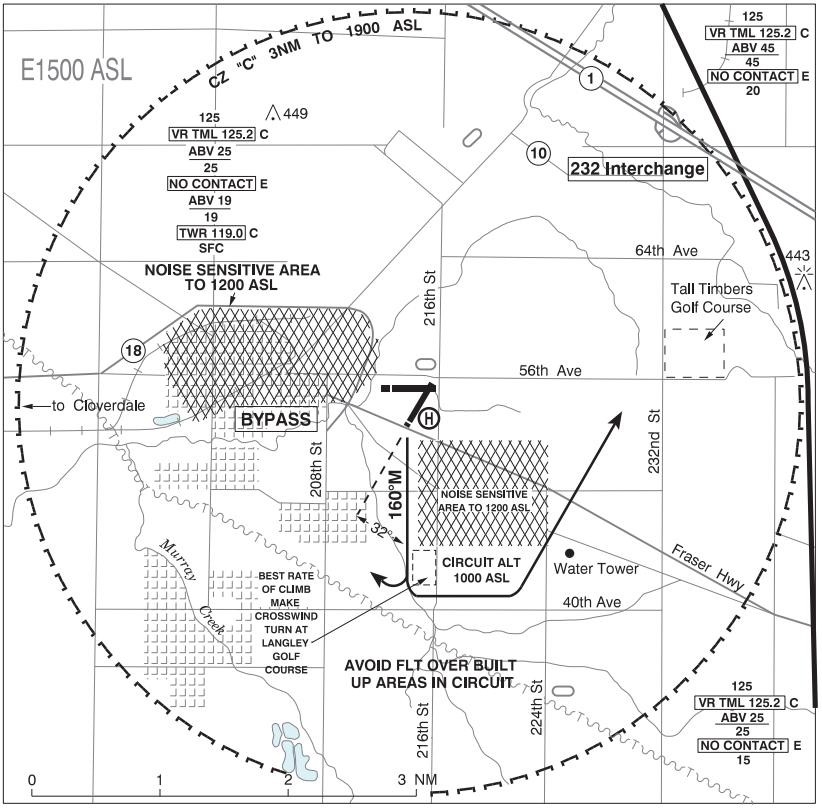
LANCASTER AIRPARK ON

CLA6

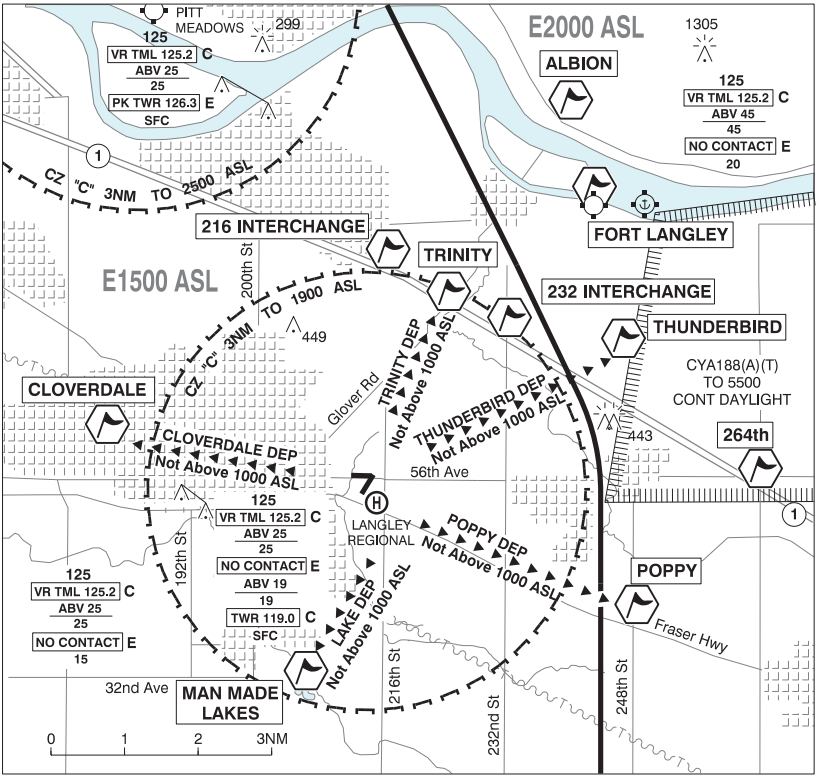
REF	N45 12 00 W74 21 45 2.5 ENE 15°W (2007) UTC-5(4) Elev 145' VTA A5002
OPR	Lancaster Airpark Inc. 514-241-3136, 514-262-2470, 613-347-1201 Reg PN
PF	B-1 C-2,5 D-3,4,6
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07 (070°)/25 (250°) 2400x80 GRASS Thld 07 displ 400'. Thld 25 displ 400' Opr 02-22Z, No win maint
COMM ATF	tfc 123.2 5NM 3200 ASL
PRO	Rgt hand circuit Rwy 25 (CAR 602.96). Arr & dep over Hwy 401
CAUTION	Wildlife ocsl on rwy. Tower to 247 AGL (406 ASL) aprx 1NM W of rwy.



LANGLEY REGIONAL VFR TERMINAL PROCEDURES CHART / FIXED WING CIRCUITS RWY 19



LANGLEY REGIONAL VFR TERMINAL PROCEDURES CHART / FIXED WING ARR/DEP



NAME	IDENT	LAT/LONG
216 INTERCHANGE	VCEXC	N49° 09' 08" W122° 37' 27"
232 INTERCHANGE	VCXCH	N49° 08' 11" W122° 34' 53"
264th	VCXYZ	N49° 06' 06" W122° 29' 36"
ALBION	VCABN	N49° 11' 12" W122° 33' 36"
CLOVERDALE	VCCLV	N49° 06' 42" W122° 43' 24"
FORT LANGLEY	VCLNG	N49° 10' 00" W122° 33' 06"
MAN MADE LAKES	VCMML	N49° 03' 17" W122° 39' 11"
POPPY	VCPPY	N49° 04' 12" W122° 32' 12"
THUNDERBIRD	VCTBD	N49° 07' 54" W122° 32' 28"
TRINITY	VCTNY	N49° 08' 33" W122° 36' 10"

LANGLEY REGIONAL VFR TERMINAL PROCEDURES CHART / FIXED WING ARR/DEP (Cont'd)

ARRIVAL

Obtain ATIS 124.5.

Contact tower 119.0 five miles from airport at 1500 ASL or above.

Provide TYPE / IDENT / POSITION / INTENTIONS on initial call.

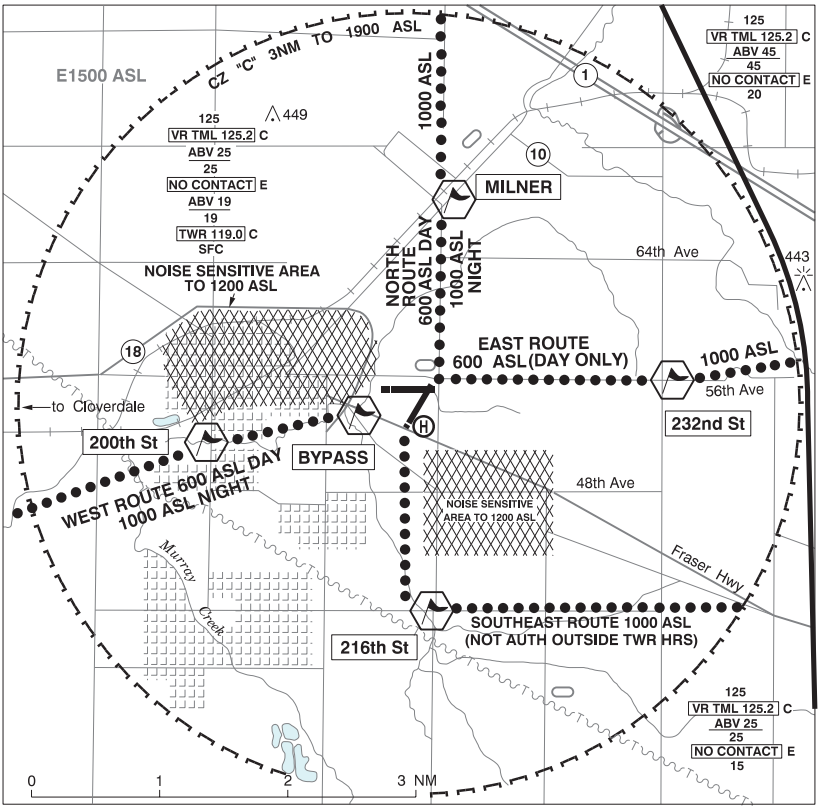
DEPARTURE

Follow local noise avoidance procedures.

Intercept outbound route 1 mile from airport.

Maintain 1000 ASL until exiting the Control Zone or instructed by ATC.

LANGLEY REGIONAL VFR TERMINAL PROCEDURES CHART / HELI

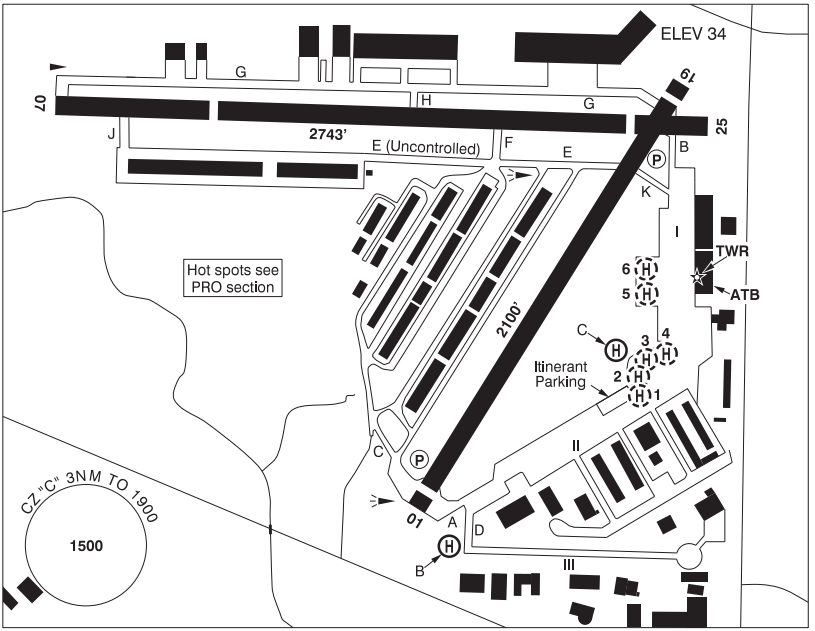


NAME	IDENT	LAT/LONG
200th St	VCXCC	N49° 05' 45" W122° 40' 07"
216th St	VCXVI	N49° 04' 28" W122° 37' 29"
232nd St	VCSND	N49° 06' 14" W122° 34' 52"
BYPASS	VCBYP	N49° 06' 04" W122° 38' 35"
MILNER	VCMER	N49° 07' 35" W122° 37' 29"

DEP/ARR AC provide TYPE / IDENT / POSITION / INTENTIONS on initial call.

LANGLEY REGIONAL BC

CYNJ



REF	N49 06 03 W122 37 51 Adj 17°E (2013) UTC-8(7) Elev 34′ VTA A5004 LO2 T1 CAP
OPR	Township of Langley 604-534-7330 APM 1500-0130Z‡ Cert
PF	B-1,2,3 C-4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591; IFR tng flts PPR ctc 604-586-4592; ctc Victoria Tml 604-586-4561 for IFR clnc when TWR clsd.
DUAT	APM'S office
WX	LWIS H24 LAWO 1630-0230Z (DT 1530-0330Z)
SERVICES	
FUEL	100LL (self-serve), JA-1 (1530-0100Z‡ by truck, 604-360-2306)
OIL	All
S	1,2,3,4,5

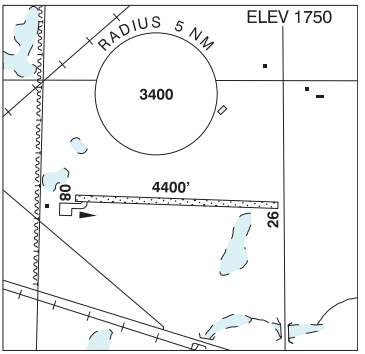
LANGLEY REGIONAL BC (Cont'd) CYNJ

RWY DATA	Rwy 07(075°)/25(255°) 2743x75 ASPH Thld 07 displ 654´. Thld 25 displ 343´. Avbl dur twr oprg hrs only. Ngt ops not auth. Rwy 01(015°)/19(195°) 2100x75 ASPH Thld 01 displ 104'. Thld 19 displ 96'. Rwy 01 preferred rwy when twr clsd. Rwy 01 designated calm wind rwy.
RWY CERT	Rwy 01/19 AGN I Rwy 07/25 AGN I
TWY	Twy E uncontrolled west of Twy F.
APRON	Apron I & II wing tip clearance less than 50' wide in some areas
RCR	Twr 604-514-9324 RSC 1600-0100Z‡ No win maint Aprt rstd to a max wt of 12,500 lbs exc with opr auth PLR
HELI DATA	B - FATO 110' dia ASPH TLOF 28' dia ASPH Safety Area 143' dia Max heli length 58' (exc with opr appr) 20,500 lbs. Medevac flt only 06-15Z‡. C - FATO/TLOF 85' dia ASPH Safety Area 110' dia Max heli overall length 59' (exc with ops appr). 20,500lbs. Day only. Parking Pad 1: 31' dia CONC 3600 lbs For temporary prkg and refueling only (100LL only). Parking Pads 2-4: 31' dia CONC 3600 lbs Private. Parking Pads 5 & 6: 66' dia ASPH 14,000lbs Max heli overall length 55'
LIGHTING	01-(TE ME) P1 4.5°, 19-(TE ME) AP 4.0° Lgts on automatic timer single setting after twr hrs to 07Z‡. FATO-B: RW no aiming pt (LO) ARCAL-119.0 type J (FATO-B use ONLY, No ARCAL on rwy)
COMM	
ATIS	124.5 1-877-517-2847 1630-0230Z (DT 1530-0330Z)
GND	121.9 1630-0230Z (DT 1530-0330Z)
TWR	119.0 (V) 1630-0230Z (DT 1530-0330Z) (emerg only 604-534-9443)
MF	tfc 119.0 0230-1630Z (DT 0330-1530Z) 3NM 1900 ASL (CAR 602.98)
NAV	
VOR	PITT MEADOWS YPK 112.4 N49 12 57 W122 42 54 (44')

LANGLEY REGIONAL BC (Cont'd) CYNJ

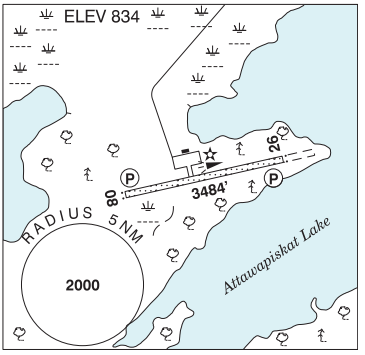
PRO	**No circuits on any rwy from 2130-0800 local time.** Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **ALL DEPARTURES:** Ctc 121.9 after run-up or prior to entering twy with TYPE / IDENT / POSITION / INTENTIONS / RUN UP COMPLETE **RWY 19 DEPARTURES:** Best rate of climb. Climb rwy hdg til S of Fraser Hwy. Turn left track aprx 160° to follow green belt. Make crosswind turn S of 44th Ave over Langley Golf Centre. Make turn to downwind E of 224th St towards Tall Timbers Golf Course. Follow VTPC FIXED WING CIRCUITS RWY 19. Avoid flt over built up areas on crosswind and downwind legs. Circuit altitude 1000 ASL. **RWY 25 DEPARTURES:** Rgt hand circuits (CAR 602.96). Best rate of climb. Rwy 07/25 shall not be used when twr is clsd. **VFR ARR/DEP ROUTES:** See FIXED WING ARR/DEP VTPC **ATS REQUIREMENTS**: All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows or call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15. - All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.
HELI	Day: East route dep expedite climb to 600 ASL prior to 232nd street. East of 232nd street commence climb to 1000 ASL. East route arr maintain 1000 ASL descend to 600 ASL prior to 232nd street. South East route dep expedite climb to 1000 ASL prior to 216th street. South East route arr maintain 1000 ASL to 216th street. North route dep expedite climb to 600 ASL prior to Milner. North of Milner commence climb to 1000 ASL. North route arr maintain 1000 ASL descend to 600 ASL prior to Milner. Night: North route arr/dep overfly Rwy 01 min alt 1000 at Milner. West route arr/dep overfly Fraser hwy min alt 1000 ASL at bypass. Medium to hvy heli are only permitted to gnd taxi on Apron III. Hover taxiing on Apron III proh unless coordinated with APM. All Heli must ctc GND 121.9 for transponder code and routing info.
CAUTION	Trees to 100 AGL 250' SE pad B, 250' W Thld 07, and S of Fraser hwy. Only pilots familiar with airport should use airport dur hrs of darkness. Use caution when taxiing on Apron I & II due to min wing-tip clearance and frequent heli ops. Frequent heli arr/dep on Aprons I & II. ATC ctc not rqrd for vehicle and fixed-wing movement on aprons. Heli aiming point at eastern end of Apron III. Ocsl wildlife.

LANIGAN SK — CKC6



REF	N51 50 43 W104 59 32 1.5E 10°E (2012) UTC-6 Elev 1750´ A5006
OPR	Town 306-365-2809 Reg
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08(082°)/26(262°) 4400x90 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4800 ASL

LANSDOWNE HOUSE ON — CYLH



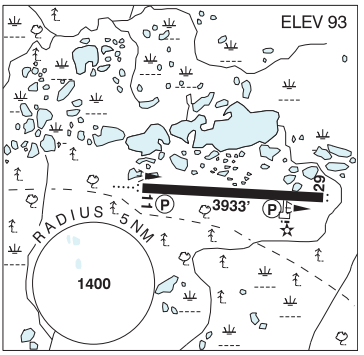
REF	N52 11 44 W87 56 03 1.5SW 6°W (2012) UTC-5(4) Elev 834´ A5008 A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-479-2552 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam
RWY DATA	Rwy 08(084°)/26(264°) 3484x100 GRVL
RWY CERT	Rwy 08/26 AGN IIIA
RCR	Aprt Foreperson 807-620-2813 Ltd win maint 13-22Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	08-AS(TE ME) AP, 26-AS(TE ME) AP ARCAL-122.8 type K for APAPI
COMM	
DRCO	London rdo 123.375 (FISE) 126.7 (bcst)
ATF	tfc 122.8 5NM 3900 ASL
AWOS	128.4

LARGO WOODS FIELD ON — See CONESTOGO / LARGO WOODS FIELD

LA ROMAINE QC

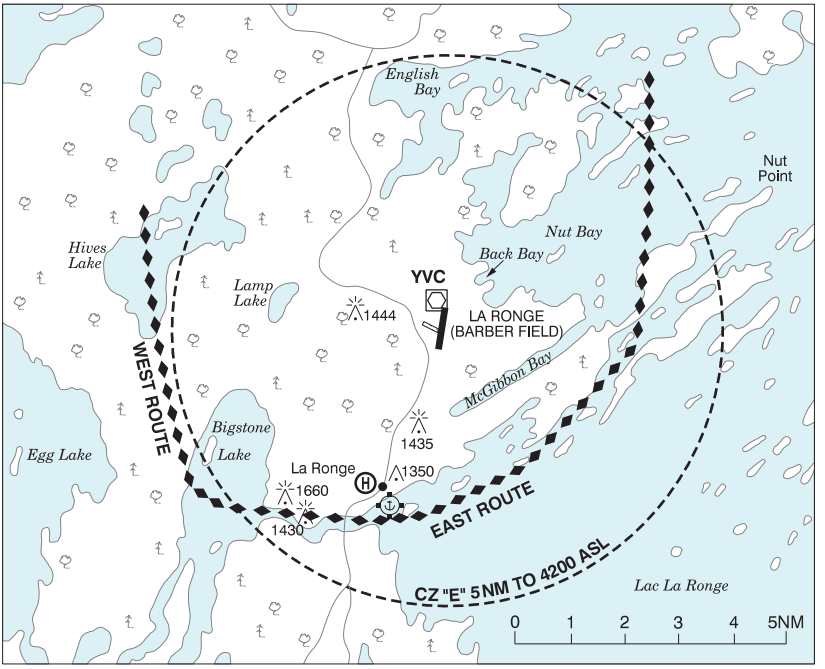
CTT5

REF	N50 15 35 W60 40 26 2.5N 20°W (2016) UTC-4 Elev 93' A5011 A5012 LO7 LO8 CAP
OPR	Transports Québec 418-229-2984 11-20Z Mon-Fri, 07-10Z 13-16Z Sun, O/T 3 hr PN for MEDEVAC Cert
PF	A-1 C-1,2,4
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 418-229-2984 11-23Z Mon-Fri, 12-15Z 1730-2030Z Sun (see COMM)



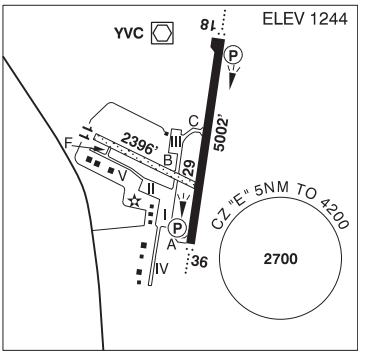
RWY DATA	Rwy 11(113°)/29(293°) 3933x100 ASPH
RWY CERT	Rwy 11/29 AGN IIIA
RCR	Opr Snow removal 10-24Z Sun-Fri Oct 1–May 31 O/T 3 hr PN, PLR/PCN
LIGHTING	11-AO(TE ME) P2, 29-AS(TE ME) P2 ARCAL-123.5 type K
COMM	
ATF	UNICOM (AU) 123.5 (French only) 11-23Z Mon-Fri, 12-15Z 1730-2030Z Sun O/T tfc 123.5 corridor see PRO section
PRO	Corridor tfc 123.5 aprx 30NM wide along shore, up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Possibility of animals on rwy. Rwy not recommended for high performance acft due FOD hazard, ctc opr. Due to nearby buildings, surface winds blowing from the S may cause Rwy 29 WI to display inaccurate info.

LA RONGE VFR TERMINAL PROCEDURES CHART



LA RONGE (BARBER FIELD) SK — CYVC

REF	N55 09 05 W105 16 01 2NE 10°E (2013) UTC-6 Elev 1244´ A5015 A5016 LO1 HI3 HI4 CAP
OPR	Town of La Ronge 306-425-2066 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Shell 122.8 306-425-0528/6845 14-23Z; Snowbird Petroleum 129.45 306-425-2382

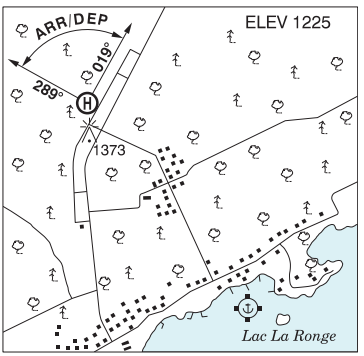


LA RONGE (BARBER FIELD) SK (Cont'd) CYVC

RWY DATA	Rwy 18(179°)/36(359°) 5002x150 ASPH Rwy 18 down 0.4% Rwy 11(106°)/29(286°) 2396 x50 treated GRVL Rwy 11 down 0.78%
RWY CERT	Rwy 18/36 AGN IIIA Rwy 11/29 AGN II
TWY CERT	Twy F AGN II
RCR	APM 306-425-4530/8289 or Opr 1300-0030Z Mon-Fri April 15-Oct 14; 1230-0030Z Mon-Fri Oct 15-Apr 14. Ltd win maint Sat, Sun & hols O/T 2hr PN cost recovery. CRFI, PLR/PCN
LIGHTING	18-AO(TE HI) P1, 36-AO(TE HI) P1
COMM	
RADIO	122.2 (V) (emerg only 306-425-2368)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	rdo 122.2 5NM 4200 ASL (CAR 602.98)
PAL	Winnipeg ctr 126.4
NAV	
VOR/DME	LA RONGE YVC 112.3 Ch 70 N55 09 30 W105 16 01 (1331')
PRO	VTPC - Fixed Wing VFR Routes to/fr water/ski A/D, Info: Float or ski acft transiting to/fr the water/ski A/D should be avoiding the land A/D by 2NM. Northbound or westbound departing float/ski acft should be exiting CZ via W or E route. Float/ski acft inbound fr N or W should be entering CZ via W or E route.
CAUTION	Extv float/ski ops within CZ. VFR routes to/fr float/ski A/D intersect apch to Rwy 36. Extv bird activity Apr-Oct. Possibility of deer or wildlife within airport perimeter.

LA RONGE SK (Heli) CJX3

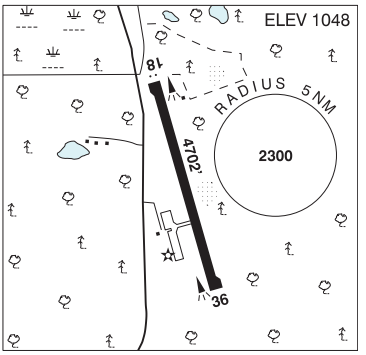
REF	N55 06 53 W105 17 43 Adj W 10°E (2014) UTC-6 Elev 1225´ A5015 A5016
OPR	Saskatchewan Ministry of Environment Wildfire Management 306-425-4444 Fax 306-425-4668 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
PVT ADV	Fire Control 163.410 FM
HELI DATA	120´ x 120´ ASPH/CONC
RCR	Opr No win maint
LIGHTING	RF
COMM	
MF	rdo 122.2 5NM 4200 ASL Centred on La Ronge (Barber Field) aprt 2.5NM NNE (CAR 602.98).
PRO	Arr/dep btwn 289°-019° fr heli if cond permit.



LA SARRE QC

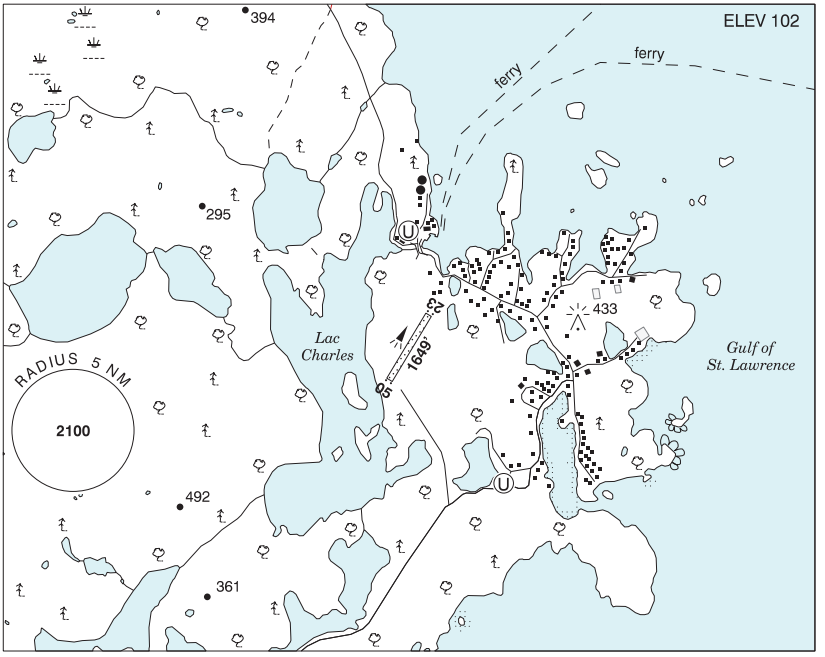
CSR8

REF	N48 55 00 W79 10 45 7.5NE 13°W UTC-5(4) Elev 1048´ A5009 LO3 LO4 LO7 CAP RCAP
OPR	City 819-333-2282 Reg A/D clsd Nov 1 - Apr 30
PF	A-1 D-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Toronto 888-217-1241
RWY DATA	Rwy 18(177°)/36(357°) 4702x100 ASPH AGN IIIA
RCR	819-333-0996/3636 No win maint
LIGHTING	18-AS(TE ME), 36-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 122.8 5NM 4100 ASL



LA TABATIÈRE QC

CTU5

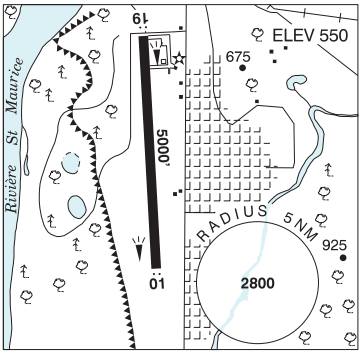


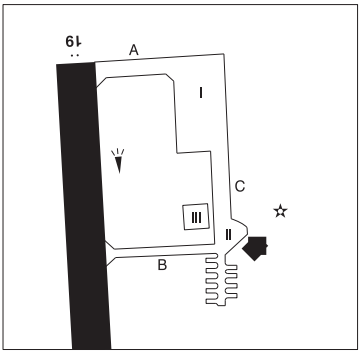
REF	N50 49 51 W58 58 32 20°W (2014) UTC-4 Elev 102´ A5011
OPR	Transports Québec 418-773-2545 12-20Z Mon-Fri, 11-15Z Sun Cert

LA TABATIÈRE QC (Cont'd) CTU5

FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RWY CERT** **RCR**	Rwy 05(051°)/23(231°) 1649x82 GRVL Rwy 05/23 AGN II Opr Snow removal 10-20Z Mon-Fri, 11-15Z Sun, O/T 3 hr PN 581-621-3557
LIGHTING	05-AS(TE ME), 23-AS(TE ME) ARCAL-123.5 type K
COMM **ATF**	 tfc 123.5 corridor see PRO section
PRO	Corridor tfc 123.5 aprx 30NM wide along shore, up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	**Night ops:** Only pilots familiar with local area should use this A/D dur hrs of darkness due to surrounding terrain. Possibility of wildlife on rwy. Lgtd twr 433 ASL (262 AGL) aprx 0.6NM E of A/D. Water A/D status unkn aprx 0.4NM N of A/D. Heliports status unkn 0.4NM NNE and 0.6NM SSE of A/D.

LA TUQUE QC CYLQ





REF	N47 24 33 W72 47 21 Adj S 15°W (2020) UTC-5(4) Elev 550´ A5002 LO6 LO7 HI5 HI6 CAP
OPR	Air Aviation Inc. 819-523-8932 O/T 819-523-8776 or 819-676-6522 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 ALTIMETER/WIND 819-523-8932 13-22Z‡ (see COMM) AUTO H24 (see COMM) WxCam
SERVICES **FUEL** **OIL**	1230-2130Z‡ Dec-Jan, 1230-2200Z‡ Feb-Apr, 1230-2230Z‡ May-Sep, 1230-2200Z‡ Oct-Nov 100LL, JA-1 O/T call out chg more than 30 min outside ops hrs. All
RWY DATA **APRON** **RCR**	Rwy 01(011°)/19(191°) 5000x150 ASPH AGN IIIA Apron III: reserved for heli parking Opr
LIGHTING	01-AS(TE ME), 19-AS(TE ME) ARCAL-122.325 type J

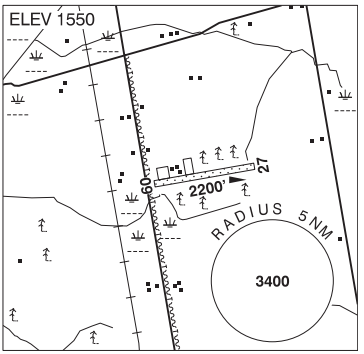
LA TUQUE QC (Cont'd) CYLQ

COMM	(bil)
RCO	Québec rdo 123.475 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) 13-22Z‡ O/T tfc 122.325 5NM 3600 ASL
PAL	Montreal Ctr 134.5
AUTO	122.975
PRO	Rgt hand circuits Rwy 19 (CAR 602.96).
CAUTION	Obst 1.7NM NNW of Thld 19 (N47 26 25 W72 48 48) 1149 ASL 300 AGL

LAUREL ON — See ORANGEVILLE / LAUREL

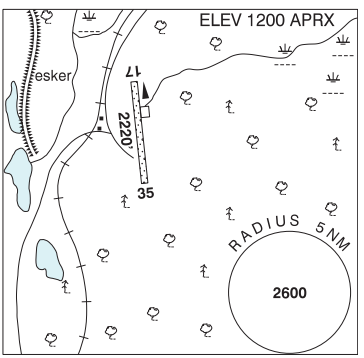
LAUREL / WHITTINGTON ON CLW3

REF	N43 58 45 W80 10 38 2NE 10ºW UTC-5(4) Elev 1550' VTA A5000
OPR	Paul Lamont 519-941-0981 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
OIL	All
S	1,2,4,5,6
RWY DATA	Rwy 09(090°)/27(270°) 2200x75 GRASS
RCR	No win maint. Soft in spring.
COMM	
ATF	tfc 123.2 2NM 3600 ASL
CAUTION	P-line 30 AGL on final to Rwy 09. Check for rwy cond in spring.



LAURIE RIVER MB CJC8

REF	N56 14 55 W101 18 15 10W 6°E (2019) UTC-6(5) Elev 1200' aprx A5016 A5024
OPR	Manitoba Hydro 204-778-1121 Reg
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(168°)/35(348°) 2220x70 GRVL Rwy 35 slopes down.
RCR	Opr No win maint.
COMM	
ATF	tfc 123.2 5NM 4200 ASL

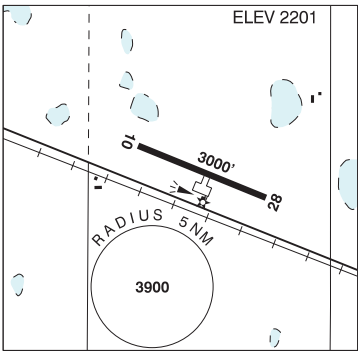


LAURIER WASH USA — See AVEY FIELD STATE / LAURIER

LEADER SK

CJD5

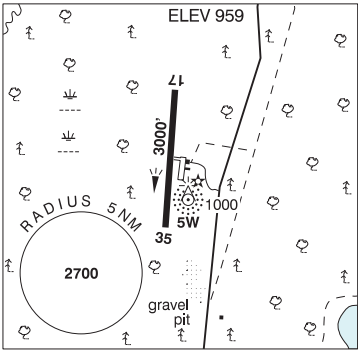
REF	N50 52 38 W109 30 02 1.5SE 12°E (2017) UTC-6 Elev 2201´ A5006
OPR	Town 306-628-3868 Fax 306-628-4337 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL 306-628-4330/7700
OIL	All
S	2,3,5
RWY DATA	Rwy 10/28 3000x75 ASPH
RCR	Wall Air 306-628-7752
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.2 key mic 3 times within 5 secs for 15 min duration.
COMM	
ATF	tfc 123.2 5NM 5300 ASL



LEAF RAPIDS MB

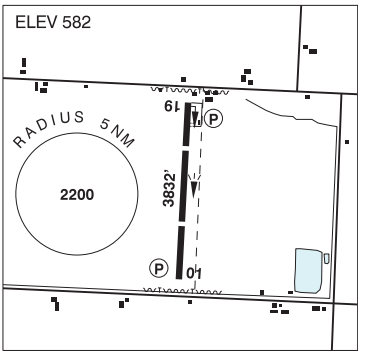
CYLR

REF	N56 30 48 W99 59 07 3N 5°E (2014) UTC-6(5) Elev 959´ A5024 LO3
OPR	Community 204-473-2436 Reg
PF	A-1 C-2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(181°)/35(001°) 3000x75 ASPH Rwy 35 up 0.56%
RCR	Opr avbl daylight hrs. Ltd win maint.
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4000 ASL
NAV	
NDB	5W 226 (M) N56 30 42 W99 59 02 Pvt Unmonitored



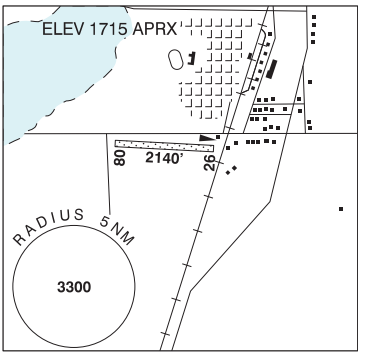
LEAMINGTON ON CLM2

REF	N42 01 29 W82 31 30 2.5E 8°W (2014) UTC-5(4) Elev 582´ A5000 LO6 T2 CAP
OPR	Justin Coates 226-936-2060 Reg
PF	B-1 C-1,2,3,4,5,6
CUST	AOE/CAN
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL	100LL, JA (FSII avbl) PPR
RWY DATA RCR	Rwy 01(011°)/19(191°) 3832x50 ASPH Thld 19 displ 942´. Thld 01 displ 1158´. 519-322-0906 Ltd win main
LIGHTING	01-(TE LO) AP, 19-(TE LO) AP ARCAL-123.2 type J
COMM ATF	tfc 123.2
PRO	Rgt hand circuits Rwy 19 (CAR 602.96) pilots are requested to avoid flight below 2000 ASL when flying over Hillman Marsh Conservation Area (located 1.4NM NE of Rwy 19 thld).
CAUTION	34 AGL hydro wires on apch to Rwy 01/19 loc aprx 300´ from both ends of Rwy 01/19.



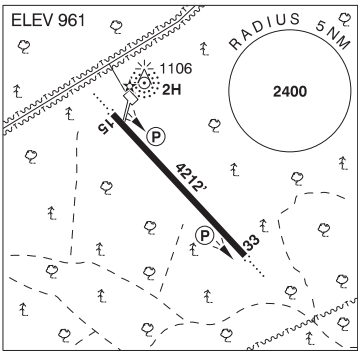
LEASK SK CJH8

REF	N53 01 W106 45 Adj SW 11°E (2013) UTC-6 Elev 1715´ aprx A5015
OPR	Village 306-466-2229 Reg
PF	C-1,2,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 08(082°)/26(262°) 2140x70 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4800 ASL
CAUTION	Lgtd tower 2060 ASL (360 AGL) 1.2NM NNE of A/D.



LEBEL-SUR-QUÉVILLON QC CSH4

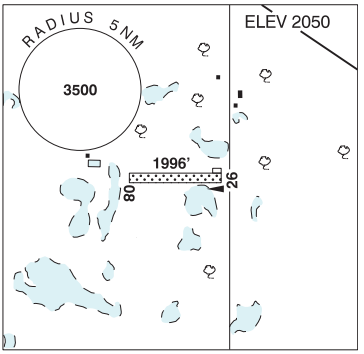
REF	N49 01 47 W77 00 59 3SW 14°W (2013) UTC-5(4) Elev 961´ A5009 LO3 LO7 HI1 HI5 CAP
OPR	Ville de Lebel-sur-Quévillon 819-755-3826 Reg PPR Ldg fees
PF	B-1,7 avbl Mon-Fri 1300-2130Z‡ C-2,3,4,5
FLT PLN FIC ACC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353



SERVICES FUEL S SUP FL	 100LL, JA-1 (FSII avbl) Mon-Fri 13-21Z‡ exc hols O/T 819-755-7827 1hr PN call out chg 6 D & A-ice
RWY DATA APRON RCR	Rwy 15(151°)/33(331°) 4212x100 ASPH Rwy 15 down 0.42% AGN IIIA Prkg fees Ltd win maint, 24 hrs PN for snow removal 819-755-3826/7629/7152
LIGHTING	15-AO(TE ME) P1, 33-AO(TE ME) P1 ARCAL-123.2 type K
COMM ATF	 tfc 123.2 5NM 4000 ASL
NAV NDB	 2H 261 (M) N49 02 09 W77 01 12 Pvt
CAUTION	Ocsl NORDO maint vehicles on rwy.

LEMBERG SK CKJ9

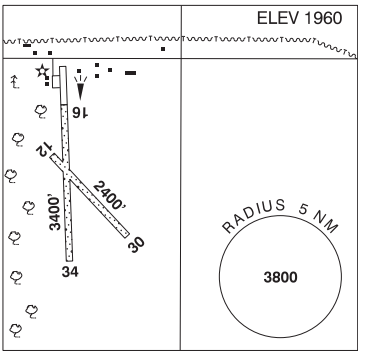
REF	N50 42 35 W103 11 49 1.3S 8°E (2016) UTC-6 Elev 2050´ A5006
OPR	Lemberg Flying Club 306-335-2244 Reg
PF	C-1,2,4,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(082°)/26(262°) 1996x101 GRASS Town 306-335-2244 No win maint.
COMM ATF	 tfc 123.2 5NM 5100 ASL



LEOVILLE SK

CJT9

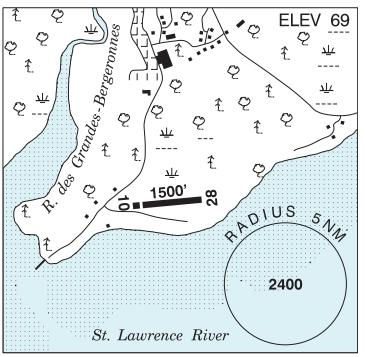
REF	N53 37 14 W107 36 34 2W 12°E (2012) UTC-6 Elev 1960´ A5015 LO2
OPR	Village 306-984-2140 Reg
PF	B-1 C-2,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	4,6
RWY DATA **RCR**	Rwy 12(125°)/30(305°) 2400x50 GRVL Rwy 16(166°)/34(346°) 3400x75 treated GRVL Opr or 306-984-2140
LIGHTING	16-(TE LO), 34-(TE LO) ARCAL-122.8 type J
COMM **ATF**	tfc 122.8 5NM 5000 ASL



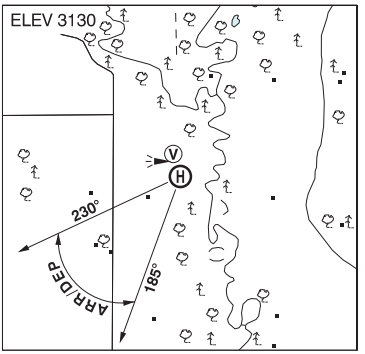
LES BERGERONNES QC

CTH3

REF	N48 13 56 W69 32 34 1S 17°W (2015) UTC-5(4) Elev 69´ A5010
OPR	Municipalité Les Bergeronnes 418-232-6244 Reg
PF	C-1,2,3 D-4,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 10/28 1500x50 ASPH Thld 10 displ 150´. Opr No win maint
COMM **ATF**	tfc 123.2 5NM 3100 ASL



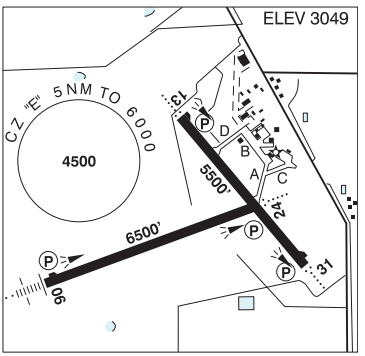
LESLIEVILLE / W. PIDHIRNEY RESIDENCE AB (Heli) CWP3



REF	N52 21 33 W114 34 17 1.9SE 15°E (2012) UTC-7(6) Elev 3130´ A5005 A5015
OPR	Wayne Pidhirney 403-845-0654 Reg PPR Day only
PF	D-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	JA
HELI DATA RCR	FATO/TLOF 64' dia ASPH Safety Area 85' dia Max heli overall length 42.7' Opr
LIGHTING	RF(FL) V1
COMM ATF	tfc 122.8 5NM 6200 ASL
PRO	Arr/dep 185° to 230°, slope 10% (H3), day use only.
CAUTION	Wooden fence aprx 26' fr heli safety area - day marked.

LESTER B. PEARSON INTL ON — See TORONTO / LESTER B. PEARSON INTL

LETHBRIDGE AB CYQL

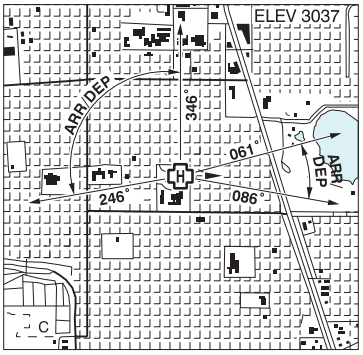


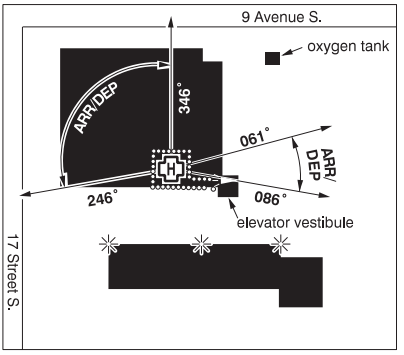
REF	N49 37 49 W112 47 59 4SSE 14°E (2014) UTC-7(6) Elev 3049' A5005 LO2 HI3 CAP
OPR	City of Lethbridge 403-329-4466 12-08Z‡ Cert Ldg fees
PF	A-1,3,6 C-2,4,5
CUST	AOE/CAN
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR 1245-0545Z‡ O/T METAR AUTO (see COMM). TAF H24, issue times: 00, 06, 12, 18Z WxCam

LETHBRIDGE AB (Cont'd) CYQL

SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP 14-04Z‡ O/T PN
OIL	All
S	1,3,4,5,6
SUP FL	D & A-ice, HPOX
JASU	Elect start 10/15
PVT ADV	World Fuel (Southern Aero) 123.4 403-328-7879; Airwest 130.75 403-328-4488
MIL CON	Executive Flight Centre Fuel Services Ltd 403-328-4488
RWY DATA	Rwy 06(056°)/24(236°) 6500x200 ASPH Rwy 24 up 0.52% Rwy 13(126°)/31(306°) 5500x150 ASPH
RWY CERT	Rwy 06/24 AGN IIIB Rwy 13/31 AGN IIIA
APRON	Apron I: Rstd to sked commercial tfc only. Prkg stands require marshalling. PPR for exceptions.
RCR	Opr 12-08Z‡ O/T 2 hr PN ctc 403-330-8247 CRFI, PLR/PCN. Call out chgs may apply to non-sked tfc.
LIGHTING	06-AN(TE HI) P2, 24-AO(TE HI) P2, 13-AO(TE ME) P2, 31-AO(TE ME) P2 ARCAL-121.0 type K when FSS clsd
COMM	
RADIO	121.0 PTC avbl (E) 1245-0545Z‡ (emerg only 403-317-4540)
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATIS	124.4 1245-0545Z‡
MF	rdo ltd hrs O/T tfc 121.0 5NM 6000 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.75 265.2
AWOS	124.4 0545-1245Z‡
NAV	
VOR/DME	YQL 115.7 Ch 104 N49 38 04 W112 40 04 (3071')
ILS	IQL 109.5 (Rwy 06) LOC reliable only within 10° either side of centreline.

LETHBRIDGE (CHINOOK REGIONAL HOSP) AB (Heli) CLH4





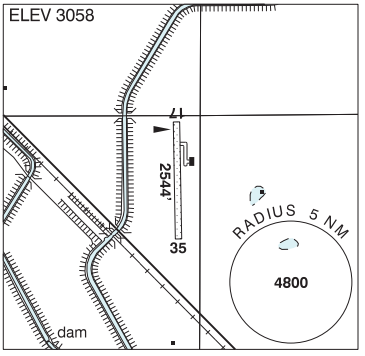
REF	N49 41 09 W112 49 00 Adj 14°E (2015) UTC-7(6) Elev 3037´ A5005
OPR	Alberta Health Services 403-388-6142 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-2,3,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526

LETHBRIDGE (CHINOOK REGIONAL HOSP) AB (Heli) (Cont'd) CLH4

HELI DATA	FATO 86' dia non-supporting TLOF 59' x 59' CONC Safety Area 115' dia Rooftop heli 17,000 lbs Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RY(ME) PN
COMM	
RADIO	121.0 (E) 1245-0545Z‡ (emergency only 403-317-4540)
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATIS	124.4 13-0545Z‡ (at Lethbridge A/D)
MF	rdo ltd hrs O/T tfc 121.0 5NM centred on Lethbridge A/D 3.4NM SSE 6000 ASL (CAR 602.98)
PRO	Arr/dep 061° to 086° and 246° to 346° fr heli (H1) (CAR 602.96).
CAUTION	Elevated penthouse with lgtd WDI aprx 80' E of pad. Lgtd stacks aprx 230' NE of pad. Hosp S of heli marked with lgt.

LETHBRIDGE (GUNNLAUGSON) AB CGN3

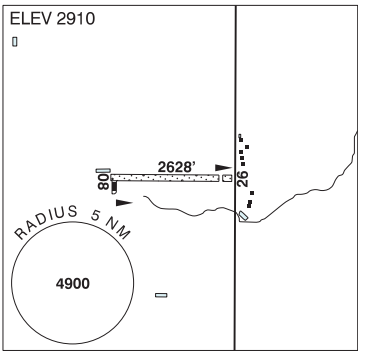
REF	N49 38 10 W112 41 29 6.8ESE 14°E (2013) UTC-7(6) Elev 3058' A5005
OPR	Dalyce and Jim Hubek 403-360-1158 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(165°)/35(345°) 2544x100 GRASS
RCR	Opr No win maint



COMM	
RADIO	121.0 (E) 1245-0545‡ (Emergency only 403-317-4540)
MF	rdo ltd hrs O/T tfc 121.0 5NM centred on Lethbridge A/D 4.2NM WSW 6000 ASL (CAR 602.98)
PRO	Rgt hand circuits Rwy 35 (CAR 602.96)
CAUTION	Marked P-line(s) on Rwy 17 apch.

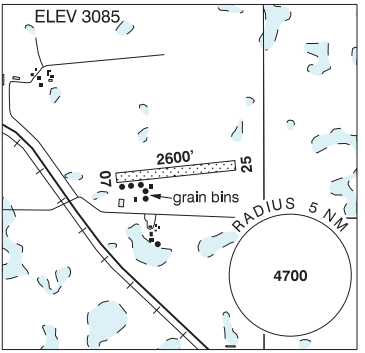
LETHBRIDGE (J3 AIRFIELD) AB — CLJ3

REF	N49 44 30 W112 44 22 5NE 14°E (2015) UTC-7(6) Elev 2910' A5005
OPR	Ron Janzen 403-381-6672/330-6181 Reg PN
PF	C-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 08(076°)/26(256°) 2628x70 GRASS Thld 26 displ 197' Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 5900 ASL excluding Lethbridge CZ
CAUTION	Marked P-line on Rwy 26 apch.



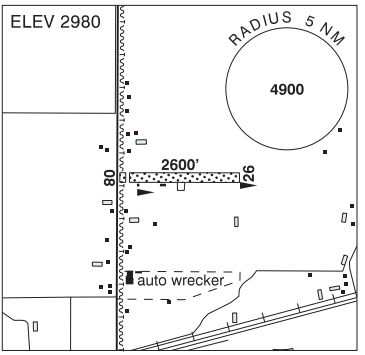
LETHBRIDGE (MERCER FIELD) AB — CMF3

REF	N49 33 17 W112 33 49 10.8SE 14°E (2012) UTC-7(6) Elev 3085' A5005
OPR	Ryan Mercer 403-308-2297 Reg PN
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 07(070°)/25(250°) 2600x129 GRASS Opr Ltd win maint.
COMM **ATF**	tfc 123.2 5NM 6100 ASL
CAUTION	Grain bins along south side of thld Rwy 07.



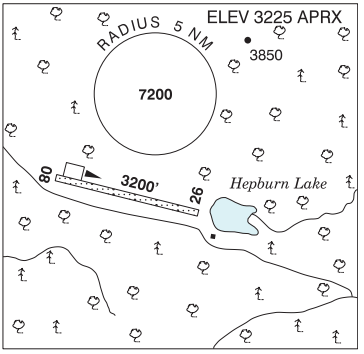
LETHBRIDGE (TAYLOR FIELD) AB — CTF6

REF	N49 42 58 W112 45 02 3.8NE 13°E (2016) UTC-7(6) Elev 2980' A5005
OPR	Kimberly Taylor 403-394-9906 Fax 403-206-7773 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	7
RWY DATA RCR	Rwy 08(077°)/26(257°) 2600x100 GRASS Thld 08 displ 128' Rwy 08 down 0.5% APM 403-394-9906 Ltd win maint
COMM ATF	tfc 123.2 5NM 6000 ASL excluding Lethbridge CZ
CAUTION	P-line on apch to Rwy 08.



LIKELY BC — CAX5

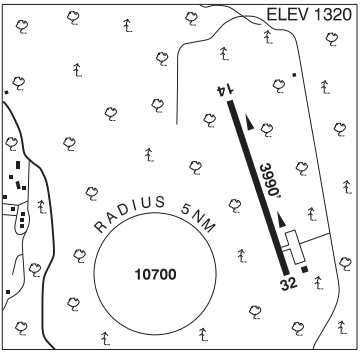
REF	N52 37 W121 30 3WNW 18°E (2012) UTC-8(7) Elev 3225´ aprx A5014
OPR	Cariboo Regional District 250-392-3351 250-790-2011 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 3200x65 GRVL Summer months only Opr
COMM ATF	tfc 123.2 2NM 4700 ASL



LILLOOET BC

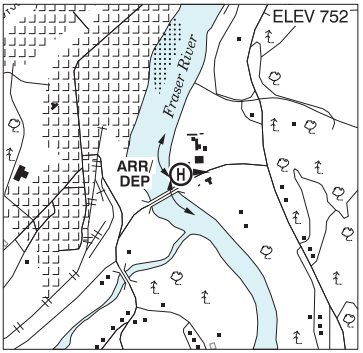
CYLI

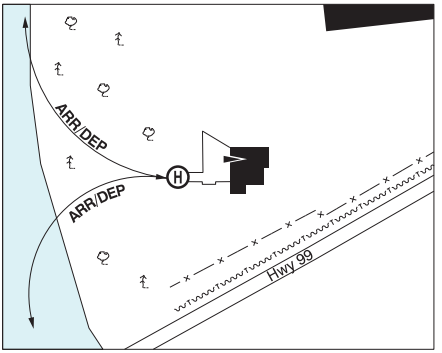
REF	N50 40 29 W121 53 37 1.5ESE 17°E (2015) UTC-8(7) Elev 1320´ A5004
OPR	District 250-256-4289 Reg
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA
S	4,5
RWY DATA	Rwy 14/32 3990x75 ASPH
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 4300 ASL
PRO	Rgt hand circuits Rwy 14 (CAR 602.96). PPR fr APM for ultralight ops.
CAUTION	Medium to strong winds cause turbulence over rwy.



LILLOOET (BLACKCOMB) BC

CBP5





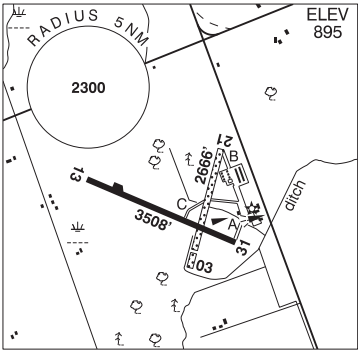
REF	N50 41 06 W121 55 38 Adj ESE 16°E (2022) UTC-8(7) Elev 752' A5004
OPR	Blackcomb Helicopters 604-938-1700 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' x 86' CONC/GRVL TLOF 30' x 30' CONC Safety Area 115' x 115'
RCR	Opr Day only
COMM	
ATF	tfc 123.2 5NM 3800 ASL
A/G	129.625

LILLOOET (BLACKCOMB) BC (Cont'd) CBP5

PRO	Arr/dep over river.
CAUTION	Unmarked p-lines adj S.

LINDSAY / KAWARTHA LAKES MUNICIPAL AIRPORT ON CNF4

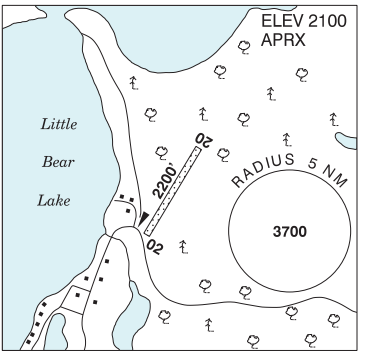
REF	N44 21 53 W78 47 02 1.1WNW 11°W UTC-5(4) Elev 895´ A5000 LO6 CAP
OPR	City of Kawartha Lakes Municipal Airport 705-878-9354 Reg
PF	A-1,2,7,8 C-3,4,5,6
CUST	AOE/CAN
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL, JA-1, FSII (H24 Cardlock) 15W50, 100 1,2,4,5,6
RWY DATA **TWY** **RCR**	Rwy 13(127°)/31(307°) 3508x75 ASPH AGN I Rwy 03(028°)/21(208°) 2666x50 GRASS Thld 03 displ 365´. Twy B, C: Day use only Opr No win maint rwy 03/21. Rwy soft in spring.
LIGHTING	13-(TE LO), 31-(TE LO) ARCAL-122.725 type K
COMM **ATF** **ARR** **DEP**	 UNICOM ltd hrs O/T tfc 122.725 5NM 3900 ASL Toronto Centre 134.25 Toronto Centre 134.25
PRO	Rgt hand circuits Rwys 13 & 21 (CAR 602.96). Monitor 122.8 for tfc fr surrounding A/Ds.
CAUTION	Drainage ditch 10' west of Twy B full length.



LIONEL P. DEMERS MEMORIAL AIRPARK BC — See ELKO / LIONEL P. DEMERS MEMORIAL AIRPARK

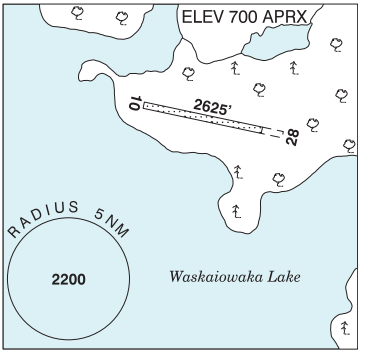
LITTLE BEAR LAKE SK — CKL6

REF	N54 17 31 W104 40 17 Adj E 10°E (2012) UTC-6 Elev 2100´ aprx A5016
OPR	Bruce Woods 306-426-2098 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02(021°)/20(201°) 2200x40 SAND Opr Rwy extremely soft after rain. Ltd win maint.
COMM ATF	tfc 123.2 5NM 5100 ASL
CAUTION	Trees adj to Thld 02 and edges. Hill W side of rwy. Acft or vehicles at opposite ends of rwy may not be visible to each other.



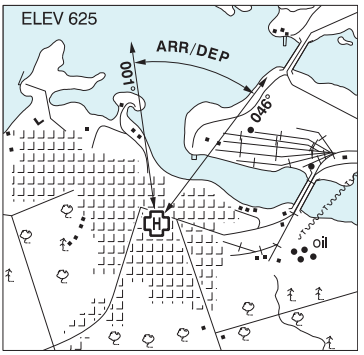
LITTLE CHURCHILL RIVER / DUNLOP'S FLY-IN LODGE MB — CJN7

REF	N56 34 48 W96 14 51 Adj SE 1°E (2015) UTC-6(5) Elev 700´ aprx A5024
OPR	Dunlop's Fly-In Lodge 204-422-6809 Reg PPR May 15-Sep 30
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 10(101°)/28(281°) 2625x60 CLAY/GRVL/GRASS Opr or Missinippi Air 204-677-1670 Rwy soft when wet. No win maint.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL



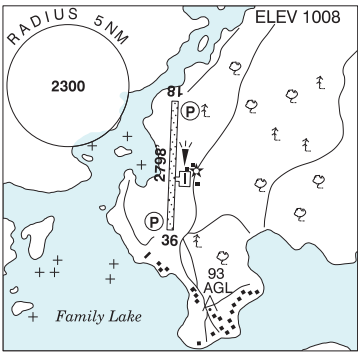
LITTLE CURRENT (MANITOULIN HEALTH CENTRE) ON (Heli) CNT4

REF	N45 58 41 W81 55 35 Adj 9°W UTC-5(4) Elev 625´ A5001
OPR	Manitoulin Health Centre 705-368-2300 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	Rooftop Pad 82´ x 72´ 15,000 lbs
LIGHTING	RY(LO) RF(FL) ARCAL-122.5 key mic 3 times to activate.
COMM A/G	Ambulance dispatch 129.275
PRO	Arr/dep 001°-046° fr heli, slope 8% (H2), day/night use. ARCAL must be activated at all times.



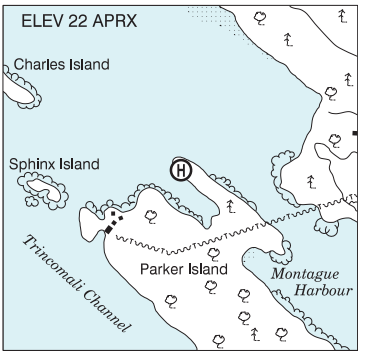
LITTLE GRAND RAPIDS MB CZGR

REF	N52 02 42 W95 27 58 0.5 N 2°E UTC-6(5) Elev 1008´ A5007 A5016 LO4 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-397-2525 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 18(181°)/36(001°) 2798x79 GRVL Rwy 18 first quarter down 0.42%, last half up 1.63%
RWY CERT	Rwy 18/36 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-397-2012 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-397-2525
LIGHTING	18-(TE ME) P1, 36-(TE ME) P1 ARCAL-122.8 type K
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4100 ASL
CAUTION	Extv low lvl heli tfc vic aprt dur break-up & freeze-up. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

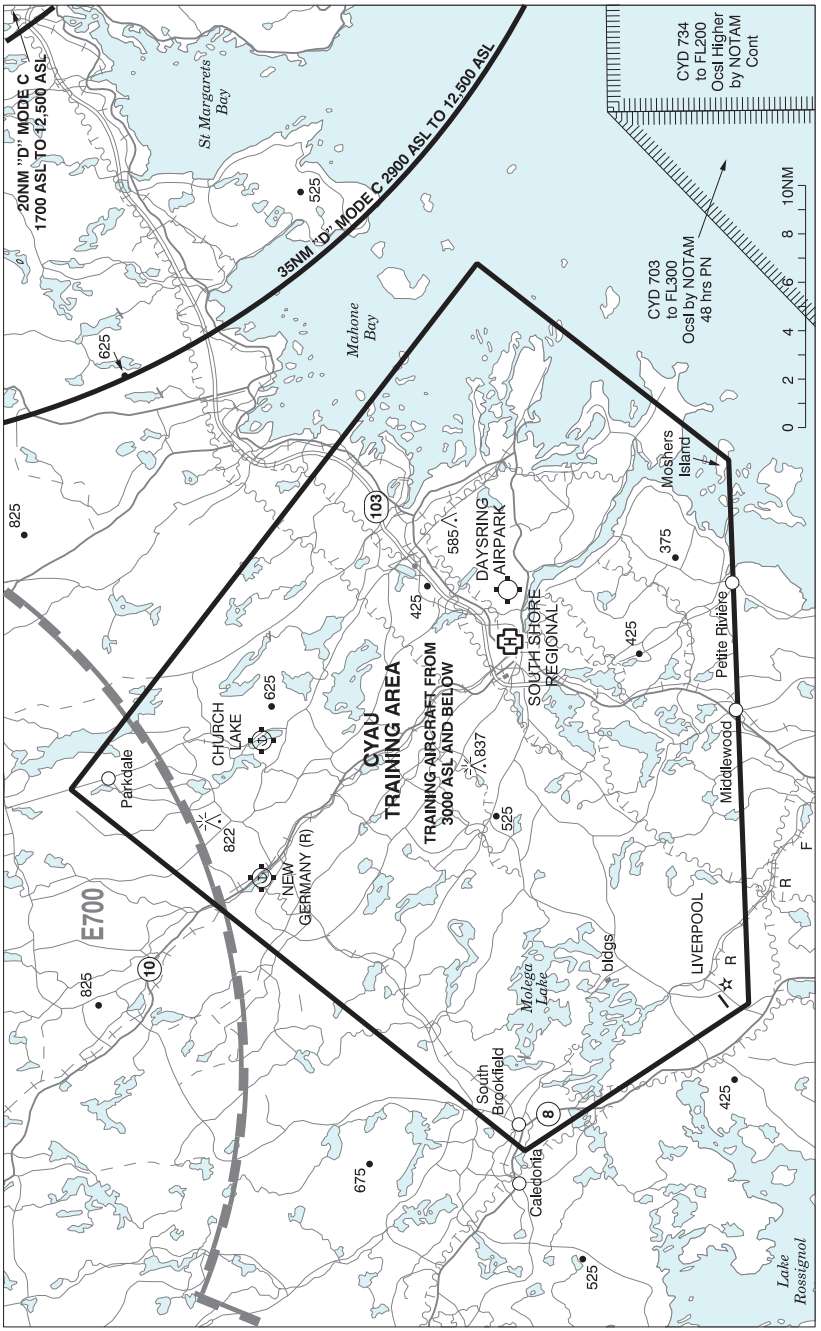


LITTLE PARKER ISLAND BC (Heli) CBK9

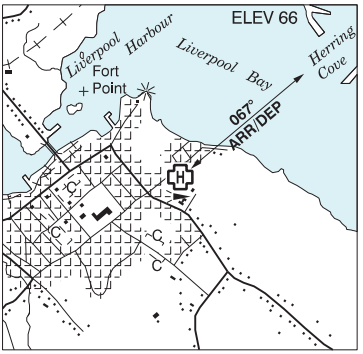
REF	N48 53 47 W123 25 06 17°E (2014) UTC-8(7) Elev 22´ aprx VTA A5004
OPR	J. Bickerstaff 604-222-0056 Reg PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	20´ x 20´ wood 200´ x 200´ 10,000 lbs
COMM **ATF**	tfc 123.2 5NM 2500 ASL Exc area within class "C" airspace.
PRO	Arr/dep over water
CAUTION	P-lines marked with balls 1500´ SE of pad.

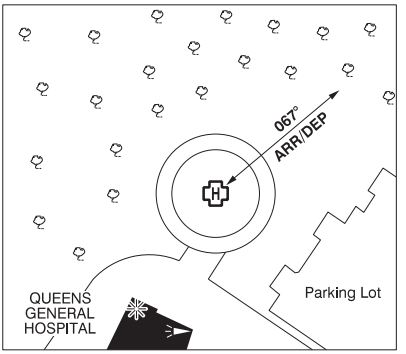


LIVERPOOL VFR TERMINAL PROCEDURES CHART - TRAINING AREA



LIVERPOOL (QUEENS GENERAL HOSP) NS (Heli) CLQ2

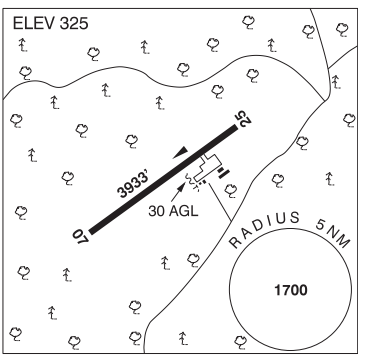




REF	N44 02 19 W64 42 19 Adj 17°W (2014) UTC-4(3) Elev 66' A5003
OPR	Queens General Hosp 902-354-3436 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 79' dia ASPH Safety Area 105' dia Max heli overall length 52.5'
LIGHTING	FH
COMM	
ATF	tfc 123.2 5NM 3000 ASL
PRO	Arr/dep 067° fr heli, slope 12% (H2).
CAUTION	Numerous lamp posts (aprx 21 AGL) in adj pkg lot. Lgtd and marked floodlight lamp post W of pad. Trees in vic of heli. See sketch.

LIVERPOOL / SOUTH SHORE REGIONAL NS CYAU

REF	N44 13 50 W64 51 22 14NNW 18°W (2013) UTC-4(3) Elev 325´ A5003
OPR	South Shore Flying Club 902-298-2644 Reg
PF	D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES	
FUEL	100LL 902-877-7340, 902-523-3761, 902-298-2644
RWY DATA	Rwy 07(071°)/25(251°) 3933x75 ASPH
RCR	Opr No win maint

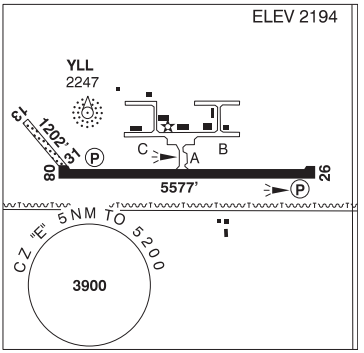


LIVERPOOL / SOUTH SHORE REGIONAL NS (Cont'd) CYAU

COMM	
ATF	tfc 122.8 5NM 3300 ASL
ARR	Moncton Ctr 123.9
DEP	Moncton Ctr 123.9
CAUTION	P-line aprx 30´ high on SW side of apron running NW/SE. Training area around A/D up to 3000 ASL, see VTPC.

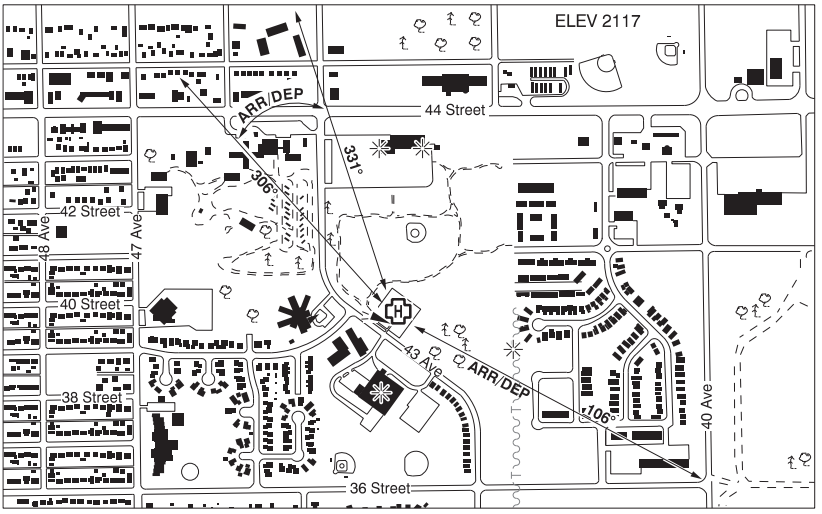
LLOYDMINSTER AB CYLL

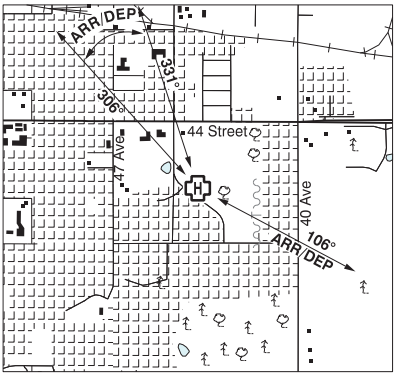
REF	N53 18 38 W110 04 27 2NW 13°E (2015) UTC-7(6) Elev 2194´ A5015 LO2 HI3 CAP
OPR	City 780-875-9215 15-24Z‡ Mon-Fri exc hols Cert
PF	A-1,3 C-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR 14-05Z‡ O/T METAR AUTO (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam
DUAT	Border City Aviation 15-00Z‡

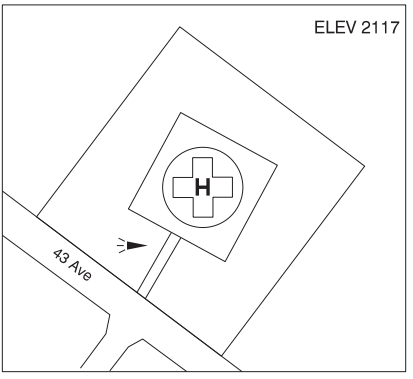


SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1(IP SP) Self serve
OIL	All
S	1,2,3,4,5,6
SUP FL	D & A-ice 122.825
PVT ADV	Border City Aviation 122.825 780-875-5834
RWY DATA	Rwy 08(077°)/26(257°) 5577 x150 ASPH Rwy 08 down 0.64% Rwy 13(127°)/31(307°) 1202x100 GRASS
RWY CERT	Rwy 08/26 AGN IIIB
TWY	Twy A, B and C no vehicle ctl svc
RCR	Opr Rwy 13/31 no win maint.
LIGHTING	08-(TE ME) P1, 26-(TE ME) P1 Avbl 0500-1400Z‡ ARCAL-122.2 type K
COMM	
RADIO	Lloyd rdo 122.2 PTC avbl (V) 1400-0500Z‡ (emerg only 780-875-3318)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	Lloyd rdo 122.2 1400-0500Z‡ O/T tfc 5NM 5200 ASL (CAR 602.98)
PAL	Edmonton Ctr 133.45
AWOS	128.55 05-14Z‡
NAV	
NDB	YLL 241 (L) N53 18 48 W110 04 56

LLOYDMINSTER (HOSPITAL) SK (Heli) CLH6







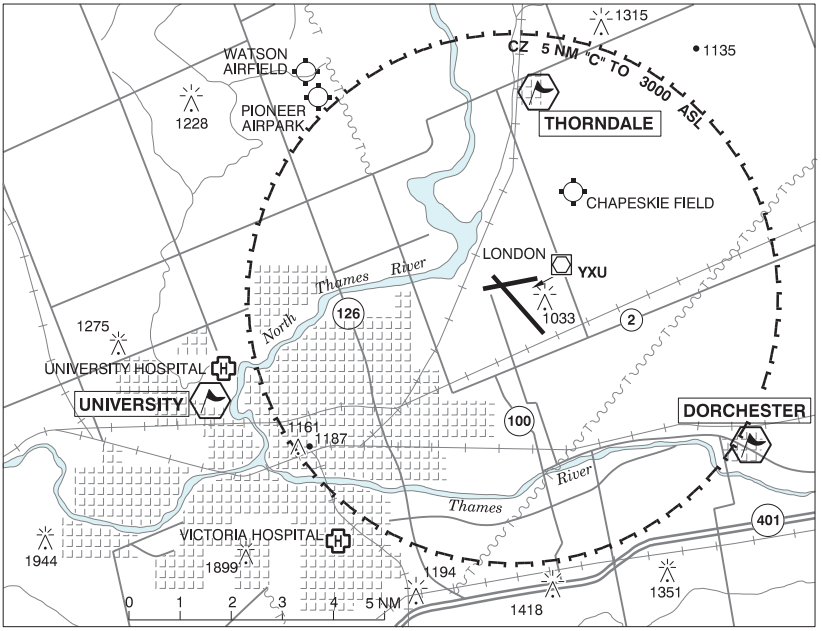
REF	N53 16 26 W109 59 21 Adj E 12°E (2018) UTC-7(6) Elev 2117′ A5015
OPR	Saskatchewan Health Authority 306-820-2669 or 306-821-2040 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-2,3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll Free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC/ASPH Safety Area 115′ dia Max heli overall length 57.4' (CAR 602.96)
RCR	APM 306-820-2670

LLOYDMINSTER (HOSPITAL) SK (Heli) (Cont'd) CLH6

COMM	
RADIO	Lloyd rdo 122.2 (V) 1400-0500Z‡ (emerg only 780-875-3318)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	Lloyd rdo 122.2 1400-0500Z‡ O/T tfc 5NM centred on Lloydminster aprt 3.8NM WNW 5200 ASL (CAR 602.98)
PAL	Edmonton Ctr 133.45
PRO	Arr/dep 306° to 331° fr heli (H1) day use only (CAR 602.96). Arr/dep 106° fr heli (H1) day use only (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Trees on arr/dep SE of heli. Marked p-line SE of heli. Day-marked with obst lgt lamp posts S & W of heli along 43 Ave.

LOCHE MIST FARMS AB — See WILDWOOD / LOCHE MIST FARMS

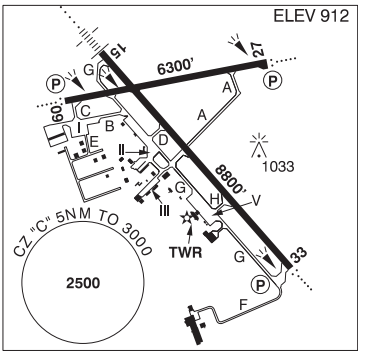
LONDON VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
DORCHESTER	VCDOR	N42° 59' 07" W081° 02' 57"
THORNDALE	VCTRN	N43° 06' 10" W081° 08' 21"
UNIVERSITY	VCUNV	N43° 00' 15" W081° 16' 33"

LONDON ON — CYXU

REF	N43 01 59 W81 09 04 5NE 9°W UTC-5(4) Elev 912´ A5000 LO6 HI5 CAP
OPR	Greater London International Airport Authority 519-452-4015 Cert
PF	A-1,2,3,6 avbl 11-04Z‡ B-1,2,3 C-4,5,6
CUST	AOE/180 888-226-7277 13-05Z‡ May 01-Oct 31; H24 Nov 1-Apr 30 PN prior to 2145Z‡ MEDEVAC & organ transplants, pilots call 519-451-6079 on ldg.
FLT PLN	Pilots to open/close VFR flt pln with London rdo 123.55 or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z.



SERVICES	
FUEL	100LL, JA-1 (FSII avbl), F-34
OIL	65, 80, 100
S	1,2,3,4,5
ARFF	DESIGNATED CAT 7 (CAT 5 non-sked) 10-04Z‡, O/T call out chg. PPR for acft 20 seats & abv, exc for diversions or as an altn A/D, ctc 519-452-4000 for current ops.
SUP FL	LHOX, D & A-ice
JASU	CE13,15
PVT ADV	Executive Aviation Fuels Ltd 122.95 519-453-5370 10-01Z‡ O/T call out chg apply; Flite Line Services 130.5 519-451-0210 11-01Z‡ O/T call out chg apply
MIL CON	Flite Line Services London 519-451-0210
RWY DATA	Rwy 15(148°)/33(328°) 8800x200 ASPH Rwy 09(088°)/27(268°) 6300x200 ASPH
RWY CERT	Rwy 15 RVR 1200(1/4sm)/Rwy 33 RVR 1200(1/4sm) AGN V Rwy 09/27 AGN V
TWY CERT	Twy: B, D, G, H AGN IIIB Twy: E, F AGN II
TWY	Twys B, C, E & F uncontrolled
RCR	Opr 10-04Z‡ O/T 2 hrs PN CRFI, PLR/PCN
LIGHTING	09-AO(TE ME) P2, 27-AO(TE ME) P2, 15-AN(TE HI), 33-AO(TE HI) P2 ARCAL-119.4 type K (when twr closed)
COMM	
RCO	Sudbury rdo 119.4 PTC avbl (RAAS) 0345-1120‡ London rdo 123.55 (FISE) 126.7 (bcst) (E)
ATIS	127.8 1120-0345Z‡
GND	121.9 1120-0345Z‡
TWR	119.4 125.65 (E) 1120-0345Z‡ (emerg only 519-451-9610)
MF	Sudbury rdo 119.4 0345-1120Z‡ 5NM 3000 ASL (CAR 602.98)
PAL	Toronto Ctr 135.3 135.625
NAV	
VOR/DME	YXU 117.2 Ch 119 N43 02 16 W81 08 56 (920´)
ILS	IXU 109.5 (Rwy 15) RVR LOC reliable only within 10° either side of centreline.

LONDON ON (Cont'd) CYXU

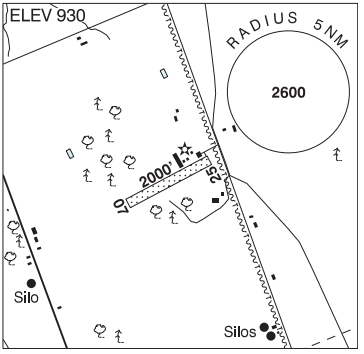
PRO	Rgt hand circuits Rwys 33 & 09 (CAR 602.96). Circuit hgt 1900 ASL all rwys. IFR training flts are to ctc National Traffic Management Unit (FLOW CTL) 800-268-4831 within 2 hrs of ETD for possible delays. Acft on Apron V ctc GND prior to pushback. During RAAS ops, bcst intentions on MF prior to pushback.
CAUTION	Migratory birds in vic of aprt Sep-May. Glider activity in the vic of London Soaring Club (aprx 11NM ENE of A/D) and of London (Pioneer Airpark) (aprx 5NM NNW of A/D), 6000 ASL and below.

LONDON FIC – RCO

For a list of London RCOs and map, see Planning Section under FISE RCOs.

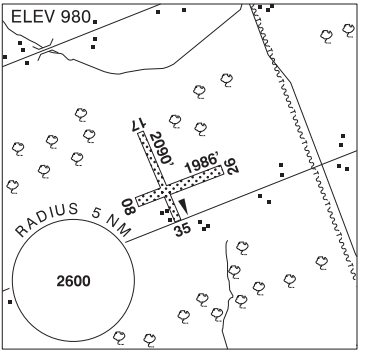
LONDON / CHAPESKIE FIELD ON CLC2

REF	N43 04 06 W81 07 32 3NE 9°W UTC-5(4) ELEV 930´ A5000
OPR	Dr. H.H. Chapeskie 519-872-0109 henry.chapeskie@gmail.com Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07/25 2000x130 GRASS Opr No win maint.
LIGHTING	07-(TE LO), 25-(TE LO) PN
COMM TWR MF	London 119.4 125.65 (E) 1120-0345Z‡ at London A/D 2NM SW Sudbury rdo 119.4 0345-1120Z‡ 5NM centred on London A/D 2NM SW 3000 ASL (CAR 602.98)
PRO	Ctc London twr prior entering CZ.
CAUTION	Trees 250´ fr thld Rwy 25, 60 AGL. Trees adj to rwy, both sides, at thld of Rwy 07. Possible deer on rwy.



LONDON (PIONEER AIRPARK) ON CPN8

REF	N43 05 53 W81 14 04 6.7NNE 9°W (2016) UTC-5(4) ELEV 980' A5000
OPR	Karl Pfister 519-951-7932 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(166°)/35(346°) 2090x80 GRASS Rwy 08(078°)/26(258°) 1986x125 GRASS
RCR	Opr No win maint

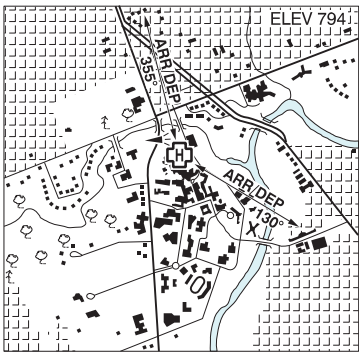


LONDON (PIONEER AIRPARK) ON (Cont'd) CPN8

COMM MF	Sudbury rdo 119.4 0345-1120Z‡ 5NM centered on London A/D 5NM SE 3000 ASL (CAR 602.98)
PRO	Right hand circuit on Rwy 17 & 26 (CAR 602.96). All circuits 2000 ASL. Do not overfly pig barn E and horse barn NW of aprt. Ctc London twr 119.4 prior to entering CZ and for extended circuit and above 2000 ASL in the London apch path. If equipped, establish radio ctc with London twr.
CAUTION	P-lines aprx 60 AGL end Rwy 26. Trees adj to all thresholds. Possible deer on rwy. Possible high vegetation at all thresholds. High density tfc from adj airstrips.

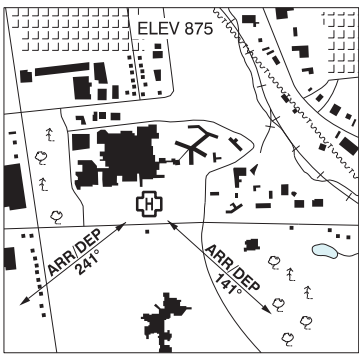
LONDON (UNIVERSITY HOSP) ON (Heli) CPR4

REF	N43 00 47 W81 16 28 Adj 9°W UTC-5(4) Elev 794' A5000
OPR	London University Hosp 519-685-8500 Cert PPR
FLT PLN FIC	London 519-452-4040 or London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 82' dia CONC/GRASS TLOF 50' dia CONC Safety Area 109' dia Max heli overall length 54.7' 15,430 lbs Opr
LIGHTING	DR RW(LO) blue RF(FL) amber
PRO	Arr/dep 355° & 130° fr heli (H1).



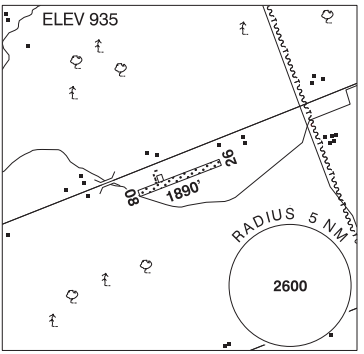
LONDON (VICTORIA HOSP) ON (Heli) CPW2

REF	N42 57 33 W81 13 32 Adj 9°W UTC-5(4) Elev 875´ A5000
OPR	Victoria Hosp Corp 519-685-8500 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ dia ASPH 114´ dia Max heli overall length 57.5'
LIGHTING	DR RY(LO) RF(FL)
COMM A/G	Ambulance dispatch 129.275
PRO	Two arr/dep paths brg 141° & 241° fr heli, slope 8% (H3), day/night use VFR only.



LONDON / WATSON AIRFIELD ON — CLW4

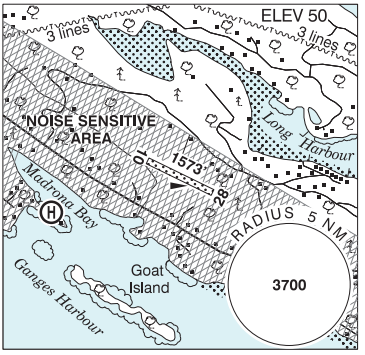
REF	N43 06 21 W081 14 22 7.1N 9°W (2017) UTC-5(4) Elev 935' A5000
OPR	John Watson 519-453-2579 Reg PPR
PF	D-1,2,3,4,5,6,7,8
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(078°)/26(258°) 1890x80 GRASS
RCR	Opr No win maint
COMM ATF	tfc 123.2 5NM 4000 ASL excluding CYXU class "C" CZ
PRO	Right hand circuit Rwy 26 (CAR 602.96)
CAUTION	Trees on apch to Rwy 08. Hangar aprx 400' ENE of Rwy 08. Avoid farm bldgs. London (Pioneer Airpark) A/D 0.5NM SSE.



LONG BEACH BC — See TOFINO / LONG BEACH

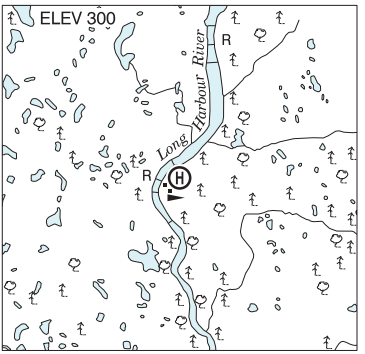
LONG HARBOUR BC — CLH3

REF	N48 51 30 W123 28 29 1.1WNW 16°E (2016) UTC-8(7) Elev 50' VTA A5004
OPR	Nick Budd 250-538-0099 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 10(100°)/28(280°) 1573x50 GRASS Rwy 28 down 1.27% During sum max acft gr wt 5000 lbs.
RCR	Opr No win maint
COMM ATF	tfc 123.2 5NM 3100 ASL
PRO	Avoid overflight of noise sensitive area and community of Ganges.
CAUTION	Trees at Thld 28. Tree line parallel rwy edge. Busy tfc area.



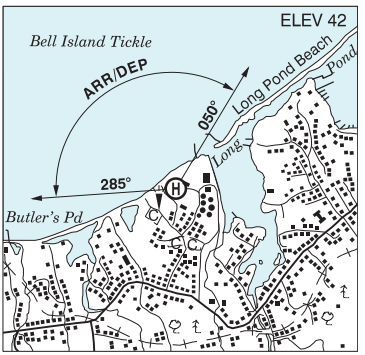
LONG HARBOUR RIVER NL (Heli) CLH7

REF	N47 54 16 W54 55 13 18°W (2018) UTC-3 1/2(2 1/2) Elev 300' A5012 CAP
OPR	Canadian Northern Outfitters 709-738-5513 REG Jun-Sep PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada and USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225
HELI DATA	FATO/TLOF 20' x 24' WOOD Max heli overall length 20'
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 3300 ASL



LONG POND NL (Heli) CCX2

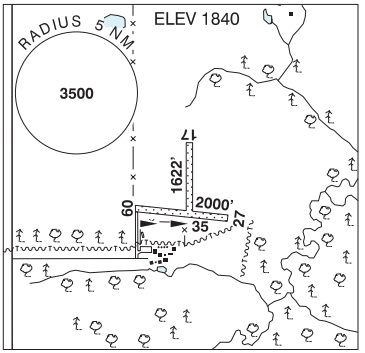
REF	N47 30 59 W52 58 52 Adj 19°W (2013) UTC-31/2(21/2) Elev 42´ A5012 CAP
OPR	Cougar Helicopters Inc 709-758-4810 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	709-834-0016 METAR 08-22Z‡ (CWWU) TAF 08-22Z‡ (CWWU)
HELI DATA	FATO/TLOF 103' x 103' ASPH/GRVL Safety Area 123' x 123'
RCR	Opr
LIGHTING	RY(LO) ARCAL-122.8 type K
COMM	
ATF	tfc 123.2 5NM 3000 ASL
NAV	
VOR/DME	TORBAY YYT 113.5 Ch 82 N47 29 07 W52 51 08 (839´)
PRO	Arr/dep 285° to 050° fr heli, slope 8% (H3) day/night use.



LOON CREEK AIRFIELD SK

CLC4

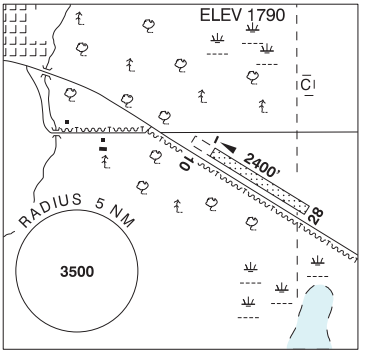
REF	N50 50 44 W104 19 25 9°E (2012) UTC-6 Elev 1840' A5006
OPR	Kevin Machniak 306-539-6366 Reg PPR
PF	B-1
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL S	MOGAS PN Opr 5
RWY DATA RCR	Rwy 09(087°)/27(267°) 2000x50 GRASS Rwy 17(171°)/35(351°) 1622x50 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5000 ASL
CAUTION	Marked p-line, crossing 650' Thld 35. Unmarked p-line corner, 650' E of S edge Thld 27. Wildlife in vic of rwy.



LOON LAKE SK

CJW3

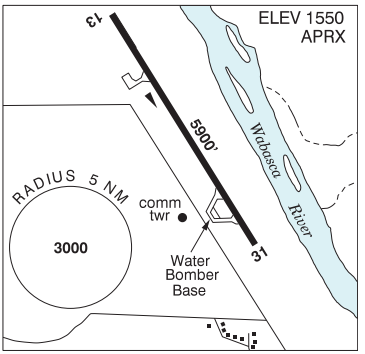
REF	N54 01 06 W109 08 07 Adj SE 13°E (2012) UTC-6 Elev 1790´ A5015
OPR	G. Taylor 306-837-2052 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 10(107°)/28(287°) 2400x200 GRASS Rwy undulating Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4800 ASL



LOON RIVER AB

CFS6

REF	N57 08 31 W115 04 31 17°E (2012) UTC-7(6) Elev 1550´ aprx A5023
OPR	Alberta Environment and Sustainable Resource Development, Wildlife Management Branch, Slave Lake WMA 780-849-7400 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 13/31 5900x100 ASPH Opr Ltd maint. No win maint
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Water bomber activity at or in vic of A/D Apr thru Sep.

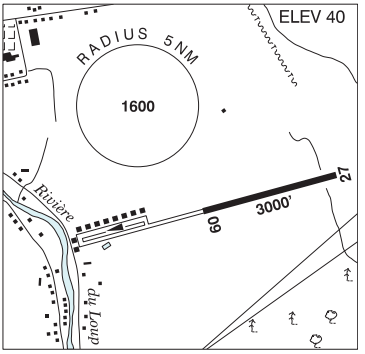


LOUISE MUNI MB — See CRYSTAL CITY-PILOT MOUND / LOUISE MUNI

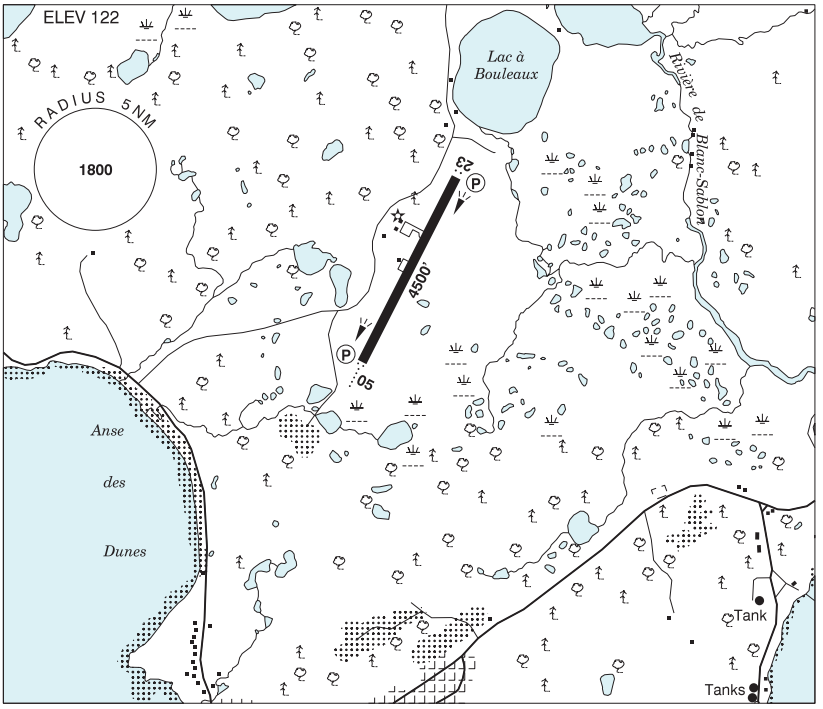
LOUISEVILLE QC

CSJ4

REF	N46 14 46 W72 54 16 1.5SE 16°W UTC-5(4) Elev 40´ A5002
OPR	Jardins Ricard Inc 819-228-5393 Reg
PF	A-1 C-2,3,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 09/27 3000x75 ASPH Opr Ltd win maint. Ski ops
COMM ATF	(bil) UNICOM ltd hrs O/T tfc 122.8 5NM 3100 ASL
CAUTION	Remote ctl acft act up to 700 ASL fr E end of rwy Apr-Oct. Bcst intentions on ATF 15 min prior to arr. **RWY:** Large cracks on all sfc. Not suited for high performance acft. **AIRSPACE:** Acft flying at Trois-Rivières aprt (11.3NM NE of Louiseville A/D) on inst apch may overfly Louiseville A/D at 1600 ASL.



LOURDES-DE-BLANC-SABLON QC CYBX



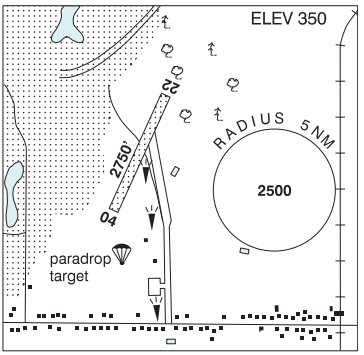
REF	N51 26 31 W57 11 10 2N 19°W (2024) UTC-4 Elev 122´ A5011 LO7 HI1 HI6 CAP
OPR	TC 418-461-2514, 418-997-2089 Cert Ldg fees (jet and turboprop acft only) Tml fees
PF	B-1,2,6 C-3,4,5 ltd
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24, AUTO (see COMM) TAF H24, issue times: 02, 08, 14, 20Z.
SERVICES	
FUEL	100LL, JA (by truck), JA-1
OIL	All
S	1
SUP FL	D-ice
PVT ADV	BX Flight Services 418-461-2619, 709-931-2196 or Pager 418-461-3115
RWY DATA	Rwy 05(046°)/23(226°) 4500x150 ASPH Rwy 05 up 0.96%
RWY CERT	Rwy 05/23 AGN IIIA
APRON	Prkg fees
RCR	Opr 11-01Z Sun-Fri O/T 3 hrs PN PLR/PCN
LIGHTING	05-AO(TE ME) P2, 23-AS(TE ME) P2 ARCAL-122.0 type K

LOURDES-DE-BLANC-SABLON QC (Cont'd) CYBX

COMM	(bil)
RCO	Mont-Joli rdo 122.0 (RAAS)
MF	Mont-Joli rdo 122.0 15NM 3100 ASL (CAR 602.98) See PRO section
AUTO	128.15 (English) 124.35 (French)
NAV	
DME	IBX 109.1 Ch 28 N51 26 57 W57 10 53 (132°)
LOC	IBX 109.1 (Rwy 05) LOC reliable only within 10° either side of centreline.
PRO	ATF corridor outside MF, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Extv bird activity Jun-Oct. NDB antenna 214 ASL 1NM SW Thld 05.

LOURDES-DE-JOLIETTE QC CSE3

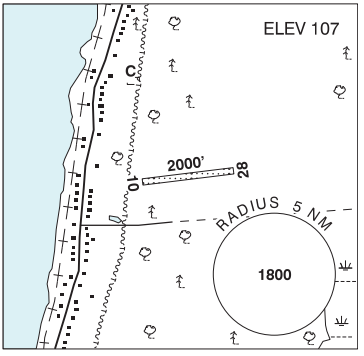
REF	N46 06 34 W73 27 10 1N 15°W (2015) UTC-5(4) Elev 350´ VTA A5002
OPR	École De Parachutisme Voltige 2001 Inc 450-752-0385 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES	
S	1



RWY DATA	Rwy 04/22 2750x100 GRVL/GRASS
RCR	Opr No win maint. Rwy sfc soft dur spring thaw.
COMM	(bil)
ATF	tfc 123.5 5NM 3400 ASL
CAUTION	Parachuting BLW 18,000 ASL. A/D Joliette 4.5NM SW, tfc 123.5.

LOWER EAST PUBNICO (LA FIELD) NS CLE4

REF	N43 37 20 W65 45 44 1NE 17°W (2014) UTC-4(3) Elev 107´ A5003
OPR	Ronald Belliveau 902-762-3397/648-7812 Reg PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 10(100°)/28(280°) 2000x75 GRASS
RCR	Opr No win maint

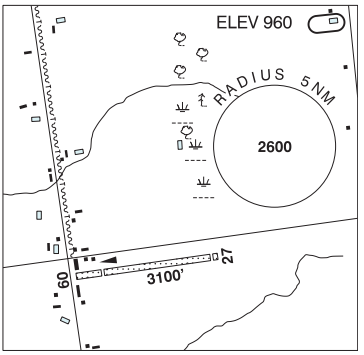


COMM	
ATF	tfc 123.2 5NM 3200 ASL
CAUTION	P-line passing through apch 280´ from thld Rwy 10.

LUCAN ON

CPS4

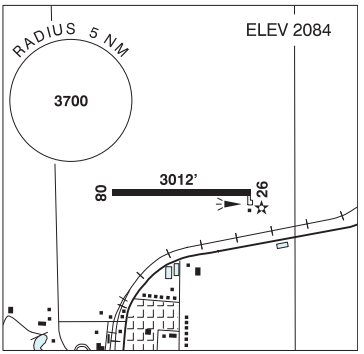
REF	N43 09 48 W81 24 45 2SW 9°W UTC-5(4) Elev 960' A5000
OPR	General Airspray Ltd 519-227-4091 Reg
PF	B-1 C-2,4,5 D-3,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 09/27 3100x100 GRASS Thld 09 displ 550´. Thld 27 displ 100'. Opr No win maint
LIGHTING	09-(TE LO), 27-(TE LO) PN Opr
COMM ATF	tfc 123.2 5NM 4000 ASL



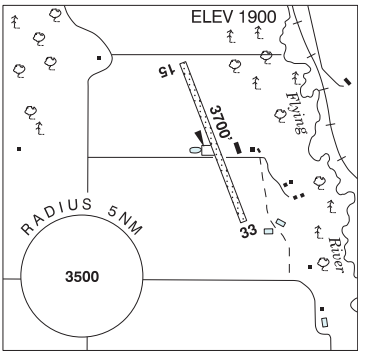
LUCKY LAKE SK

CKQ5

REF	N50 59 39 W107 07 53 Adj N 11°E (2015) UTC-6 Elev 2084´ A5006 LO2
OPR	Village 306-858-2234 Reg
PF	B-1 C-2,4,5 D-6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL 306-858-7734 All 4,5
RWY DATA RCR	Rwy 08(079°)/26(259°) 3012x75 ASPH 306-858-7734 Ltd win maint
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 5100 ASL
PRO	Rgt hand circuits Rwy 26 (CAR 602.96)

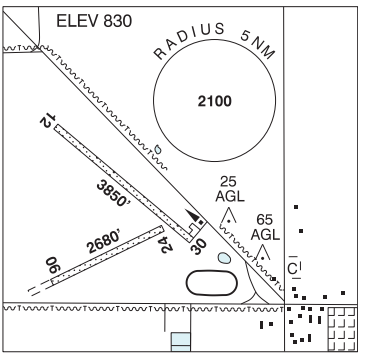


LUMSDEN (COLHOUN) SK — CKH8



REF	N50 40 03 W104 47 22 3.5NE 9°E (2017) UTC-6 Elev 1900´ A5006 LO2 HI3 HI4
OPR	Lumsden Aero Ltd 306-536-5055 306-731-2870 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL**	DFA
RWY DATA **RCR**	Rwy 15/33 3700x30 GRASS Opr Soft when wet. Ltd win maint.
COMM **ATF**	Lumsden Colhoun tfc 123.2 5NM 4900 ASL
NAV **VORTAC**	LUMSDEN VLN 114.2 Ch 89 N50 40 01 W104 53 23 (1895´)
CAUTION	Road crosses rwy, watch for vehicular tfc.

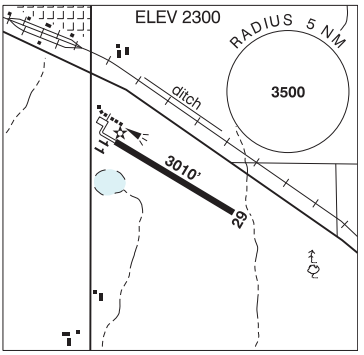
LUNDAR MB — CKR4



REF	N50 42 12 W98 03 24 1NW 4°E (2015) UTC-6(5) Elev 830´ A5007
OPR	Lundar Flying Club 204-762-5661 Reg
PF	A-1 C-2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL**	For svcg 204-762-5611/5661/5674 100LL 80
RWY DATA **RCR**	Rwy 12(126°)/30(306°) 3850x84 GRASS Rwy 06(060°)/24(240°) 2680x75 GRASS Opr Ltd win maint, soft when wet.
LIGHTING	12-(LO), 30-(LO) ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 3900 ASL
CAUTION	P-lines in vic.

LUSELAND SK CJR2

REF	N52 04 10 W109 22 30 Adj SE 12°E (2018) UTC-6 Elev 2300´ A5006 A5015 LO2 CAP
OPR	Town 306-372-4218 Fax 306-372-4700 Reg
PF	B-1 C-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	PN, for svcg ctc opr 15-23Z Mon-Fri 4,5,6
RWY DATA RCR	Rwy 11(109)/29(289) 3010x75 ASPH Rwy 11 down 0.83%. AGN IIIA Opr Ltd win maint
LIGHTING	11-(TE LO), 29-(TE LO) ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 11 (CAR 602.96).

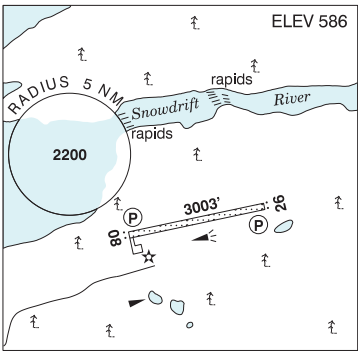


LUTHER FIELD ON — See GRAND VALLEY / LUTHER FIELD

LUTSELK'E VFR TERMINAL PROCEDURES CHART

LUTSELK'E NT

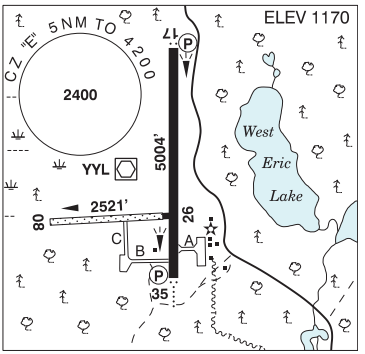
CYLK



REF	N62 25 06 W110 40 56 1.1NE 16°E (2012) UTC-7(6) Elev 586´ A5030 LO5 CAP
OPR	Govt of Northwest Territories 867-767-9091 Emerg/Incident rpt ctc 867-445-5518 or 877-989-1400 1830-1930Z‡ Mon-Sat, 0030-0130Z‡ Wed, Fri & Sun, O/T 1 hr PN, ctc 867-370-3051/7004. Call out chg may be levied. Cert
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-370-3826 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 17-01Z‡ Sun-Fri, 18-21Z‡ Sat
RWY DATA	Rwy 08(078°T)/26(258°T) 3003x103 GRVL Rwy 08 up 0.65% to mid-point. Rwy 26 up 0.96% to mid-point.
RWY CERT	Rwy 08/26 AGN II
RCR	Opr Maint avbl 1630-0130Z‡ Mon-Sat, 0030-0130Z‡ Sun, O/T 1 hr PN ctc 867-370-3051/7004. Call out chg may be levied. Rwy compacted snow & gravel mix during win conds.
LIGHTING	08-AS(TE ME) AP, 26-AS(TE ME) AP ARCAL-122.1 type K key mic 7 times for AS. APAPI avbl medium ints only. Ngt ops not recommended unless hazard beacons oprg.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3600 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-01Z‡ Sun-Fri, 16-21Z‡ Sat
PRO	Circuit alt 1800 ASL. Rgt hand circuits Rwy 26 (CAR 602.96); pilots to extend downwind so that base leg is flown over Stark Lake as depicted on VTPC. PPR fr APM before "Hot Refuelling" procedures may be used.
CAUTION	Only pilots familiar with lcl terrain should use aprt at ngt. Caribou may be on or in vic of rwy. Water A/D 2.4NM SW.

LYNCREST MB — See WINNIPEG / LYNCREST

LYNN LAKE MB — CYYL

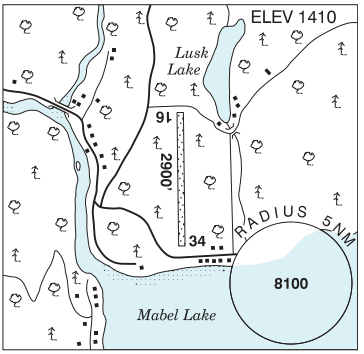


REF	N56 51 52 W101 04 34 Adj NW 6°E (2017) UTC-6(5) Elev 1170´ A5024 LO1 LO3 HI2 HI4 CAP
OPR	YYL Airport Inc 204-356-2900 Reg Ldg fees
PF	A-1 C-2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	14-23Z‡ Mon-Fri exc hols, call out chg after hrs. Tml access 24 hr PN
FUEL	100LL, JA Self-serve 24 hr PN
RWY DATA	Rwy 17(174°)/35(354°) 5004x150 ASPH AGN IIIB Rwy 08(081°)/26(261°) 2521x80 GRVL/ASPH Rwy 26 up 0.32% AGN II
RCR	Opr CRFI Ltd win maint rwy 08/26. Frost heaves dur spring thaw Rwy 17/35. PLR/PCN
LIGHTING	17-AS(TE ME) P1, 35-AO(TE ME) P1 ARCAL-122.3 type K
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
MF	UNICOM (ltd hrs) O/T tfc 122.3 5NM 4200 ASL (CAR 602.98)
PAL	Winnipeg Ctr 135.05
AWOS	128.0
NAV	
VOR/DME	YYL 112.6 Ch 73 N56 51 50 W101 04 31 (1206´)
CAUTION	Frost heaves first 1200´ Rwy 17 Nov-Apr.

LYSTER FIELD AB — See STETTLER / LYSTER FIELD

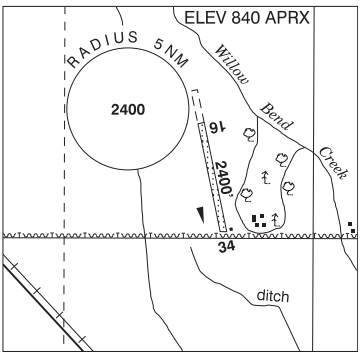
MABEL LAKE BC — CBF9

REF	N50 36 32 W118 43 52 16°E (2016) UTC-8(7) Elev 1410´ A5005
OPR	Mabel Lake Golf & Airpark 250-309-0820 Reg PPR
PF	B-1, B-2,5 avbl Jul-Aug
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	1,5
RWY DATA RCR	Rwy 16/34 2900x100 GRASS/dirt Rwy 34 up 1% Opr No win maint
COMM ATF	tfc 123.2 5NM 3400 ASL
PRO	Rgt hand circuits Rwy 34 (CAR 602.96). Land on Rwy 34 & tkof Rwy 16.
CAUTION	Rwy ocsl used for unrelated A/D activities, verify rwy unobstructed prior to ldg. Trees to 100 AGL along full-length, both sides & N end of rwy.



MACDONALD MB — CJU3

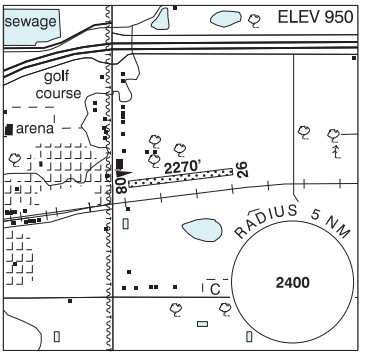
REF	N50 05 47 W98 30 03 2NW 6°E UTC-6(5) Elev 840´ aprx A5007
OPR	T.R. Bailey 204-274-2170 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16(158°)/34(338°) 2400x60 GRVL/GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 3900 ASL



MACDONALD-CARTIER INTL ON — See OTTAWA / MACDONALD-CARTIER INTL

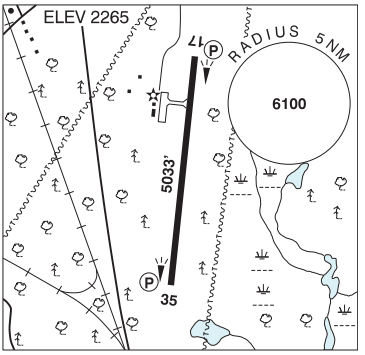
MacGREGOR AIRFIELD MB — CKF6

REF	N49 58 03 W98 45 37 0.7E 5°E (2014) UTC-6(5) Elev 950' A5007
OPR	Gordon MacDonald 204-685-2143 Ken Kane 204-867-0441 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	4,5
RWY DATA **RCR**	Rwy 08(078°)/26(258°) 2270x60 GRASS Opr No win maint.
COMM **ATF**	tfc 122.8 5NM 4000ASL
CAUTION	Marked P-lines 50 AGL W of road, 400' W of Thld 08.

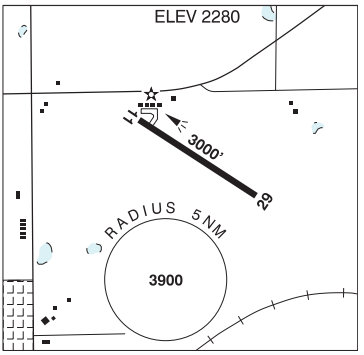


MACKENZIE BC — CYZY

REF	N55 17 58 W123 08 00 2SW 17°E (2019) UTC-8(7) Elev 2265´ A5014 LO1 HI3 CAP
OPR	District of Mackenzie 250-997-7438 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC** **WX**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) Vancouver IFR 604-586-4590/4591 or 800-668-1333 METAR AUTO H24 (see COMM) TAF 15-09Z, issue times: 15, 19, 01, 07Z. WxCam
SERVICES **FUEL** **OIL**	100LL, JA-1 16-24Z‡ Tue-Sat 250-997-3754 O/T 778-582-7767 15W50
RWY DATA **RCR**	Rwy 17(169°)/35(349°) 5033x100 ASPH AGN I Opr Ltd win maint
LIGHTING	17-(TE ME) P1, 35-(TE ME) P1 ARCAL-123.5 type K
COMM **RCO** **MF** **AWOS**	Pacific rdo 123.475 (FISE) 126.7 (bcst) tfc 123.5 5NM 5300 ASL (CAR 602.98) 127.7

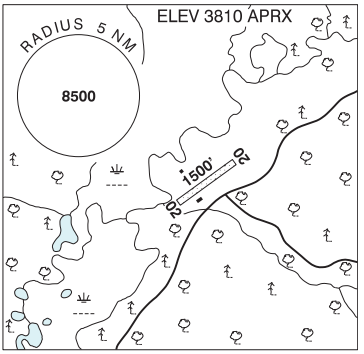


MACKLIN SK — CJJ8



REF	N52 20 34 W109 55 08 1NE 13°E (2013) UTC-6 Elev 2280´ A5015 LO2
OPR	Rural Muni # 382 306-753-2075/7462/2744 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	For svcg 306-753-2075/7462 4,5,6
RWY DATA RCR	Rwy 11(110°)/29(290°) 3000x75 ASPH Lorne Kohlman or Michael Wiens 780-753-0641 306-753-7462/2744 Ltd win maint
LIGHTING	11-(TE LO), 29-(TE LO) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5300 ASL
CAUTION	Model acft activity Apr 1-Oct 31

MACMILLAN PASS YT — CFC4



REF	N63 10 34 W130 12 13 21°E (2017) UTC-7 Elev 3810´ aprx A5028
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA RCR	Rwy 02(033°)/20(213°) 1500x50 GRVL Opr No maint
COMM ATF	tfc 123.2 5NM 6800 ASL
PRO	Rgt hand circuits Rwy 20 (CAR 602.96)
CAUTION	Rising terrain on apch Rwy 20. Rough rwy sfc, tundra tires recommended. Pilots not familiar with AD ctc opr prior to use.

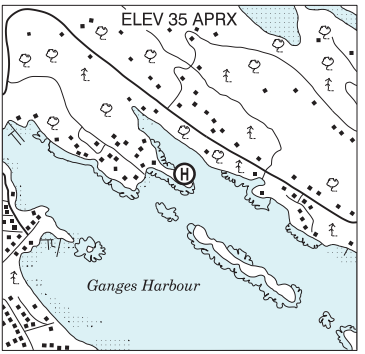
MADAWASKA VALLEY AIRPARK ON — See BARRY'S BAY / MADAWASKA VALLEY AIRPARK

MADELEINE RADIO - RCO (ÎLES-DE-LA-MADELEINE FSS)

Havre St-Pierre 122.0 (RAAS) 11-03Z‡ (N50 16 W63 40)
Natashquan 122.2 (RAAS) 13-23Z‡ (N50 11 W61 49)

MADRONA BAY BC (Heli) CBW9

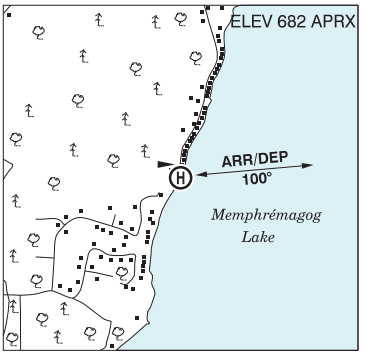
REF	N48 51 21 W123 29 08 17°E (2014) UTC-8(7) Elev 35´ aprx VTA A5004
OPR	I. Levin 250-538-5565 Reg PPR
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	20´ x 20´ GRASS 200´ x 200´ 10,000 lbs
COMM ATF	tfc 123.2 5NM 2500 ASL Exc area within class "C" airspace.
PRO	Arr/dep over water.



MAGNY QC — See AMOS / MAGNY

MAGOG / LESSARD QC (Heli) CLS5

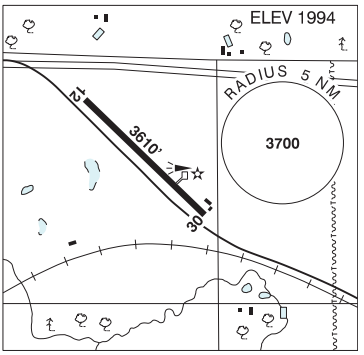
REF	N45 14 53 W72 11 54 2.4WSW 15°W (2020) UTC-5(4) Elev 682´ aprx A5002
OPR	Louis Lessard 819-446-5755 Reg PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 40' dia PAVING BLOCK/GRASS Safety Area 65' x 65' Max heli overall length 38.6' Opr
COMM ATF	tfc 123.2 5NM 3700 ASL
PRO	Arr/dep 100° fr heli, day use only
CAUTION	Safety area grass portion slopes down aprx 5%. Tree aprx 16 AGL 50' SSE of heli.



MAIDSTONE SK

CJH3

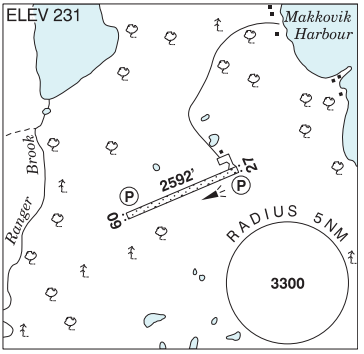
REF	N53 05 52 W109 19 44 1.2NW 13°E (2013) UTC-7(6) Elev 1994' A5015 LO2 CAP
OPR	R.M. of Eldon No. 471 306-893-2391 Reg
PF	C-1,2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 12(121°)/30(301°) 3610x75 ASPH Rwy 12 down 0.53%
RCR	Opr
LIGHTING	12-(TE LO), 30-(TE LO) TE non-std. SS-SR ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5000 ASL



MAKKOVIK NL

CYFT

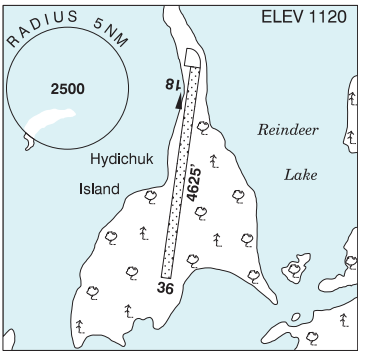
REF	N55 04 38 W59 11 16 0.5W 22°W (2016) UTC-4(3) Elev 231´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR 10-21Z‡ O/T LWIS
RWY DATA	Rwy 09(089°)/27(269°) 2592x75 GRVL Rwy 09 down 1.35%
RWY CERT	Rwy 09/27 AGN II
APRON	Acft prkg not permitted S portion apron within 30' apron edge lights.
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-923-2367/2182
LIGHTING	09-AS(TE ME) AP 4°, 27-AS(TE ME) AP 4° ARCAL-122.8 type K, key mic 7 times for RIL.
COMM ATF	tfc 122.8 5NM 3200 ASL See PRO section
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Soft when wet.



MALCOLM ISLAND SK

CJS2

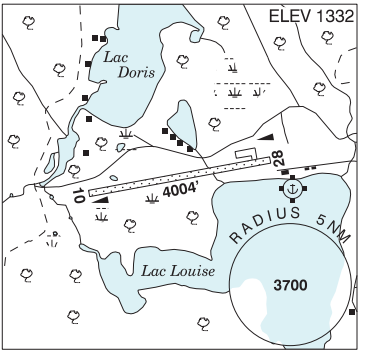
REF	N56 56 58 W102 14 21 7°E (2017) UTC-6 Elev 1120´ A5024
OPR	Arctic Lodge Ltd 306-764-1400 or 306-758-3020 Jun 8-Sep 15 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18/36 4625x100 gravel/clay/sand Opr Jun 8-Sep 15, 7 days PN. No win maint.
COMM ATF	UNICOM ltd hrs O/T tfc 128.85 5NM 4200 ASL



MANIC-5 QC

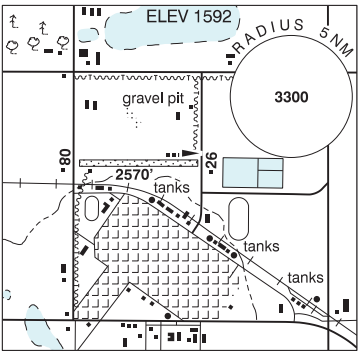
CMN5

REF	N50 39 27 W68 49 57 4WNW 19ºW (2013) UTC-5(4) Elev 1332' A5010
OPR	Société de protection forêts contre le feu 418-871-3304 Ext 5425 Fax 418-874-2629 Reg PPR A/D is only in service during forest fire operations.
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 10(099°)/28(279°) 4004x100 GRVL Opr No wint maint.
COMM ATF	tfc 123.2 5NM 4300 ASL
CAUTION	Manic-5/Lac Louise water A/D adj S



MANITOU MB — CKG5

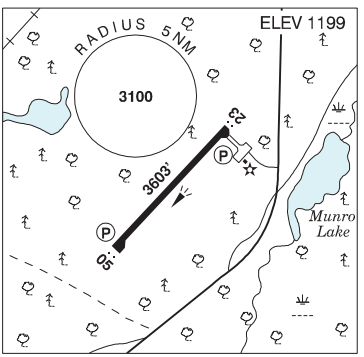
REF	N49 14 46 W98 32 19 0.3N 4°E (2020) UTC-6(5) Elev 1592´ A5007
OPR	Manitou Flying Club 204-246-2302 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(086°)/26(266°) 2570x100 GRASS Opr Rwy soft in spring, ltd win maint.
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Lgtd twr 2015 ASL (375 AGL) 1.6NM ESE of A/D. Wind turbines to 2100 ASL (400 AGL) 5NM NNW of A/D. Unmarked fence aprx 65' S of rwy centreline. Twr 1893 ASL (250 AGL) 0.8NM N of Thld 08.



MANITOULIN EAST MUNI ON — See MANITOWANING / MANITOULIN EAST MUNI

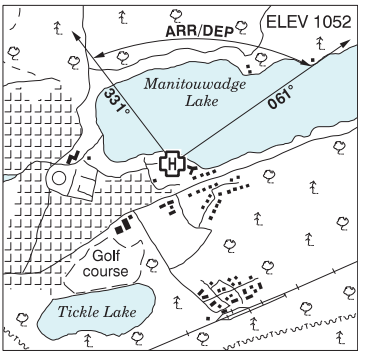
MANITOUWADGE ON — CYMG

REF	N49 05 00 W85 51 40 2.8SW 7°W (2015) UTC-5(4) Elev 1199´ A5008 LO4 CAP
OPR	Township 807-826-4041 or 807-228-0706 Reg
PF	A-1,7 C-2,4,5
FLT PLN FIC WX	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) AUTO (see COMM)
SERVICES FUEL	Opr Ltd hrs Mon-Fri exc hols. Call out chg may be levied. Visa and Mastercard accepted. JA-1, (FSII avbl)
RWY DATA RCR	Rwy 05(050°)/23(230°) 3603x100 ASPH Opr
LIGHTING	05-AS(TE ME) AP, 23-AS(TE ME) AP ARCAL-122.8 type K
COMM ATF AUTO	 UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL 129.15
CAUTION	Wildlife in vic of rwy.



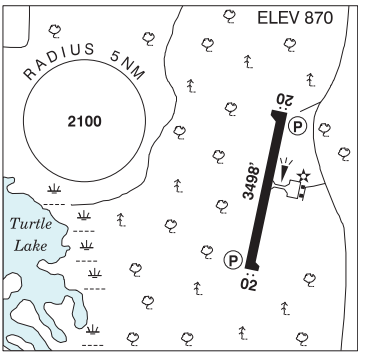
MANITOUWADGE (SANTÉ / HEALTH) ON (Heli) CPU4

REF	N49 07 41 W85 49 30 Adj NE 7°W (2015) UTC-5(4) Elev 1052´ A5008
OPR	Santé Manitouwadge Health 807-826-3251 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86' dia asphalt 114' Rstd max heli length 57.5´
LIGHTING	RY (LO) RF (FL)
COMM A/G	Ambulance dispatch 129.275
PRO	Arr/dep btwn 331°-061°.



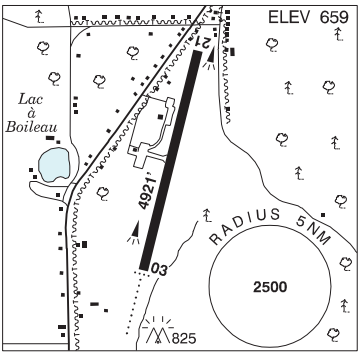
MANITOWANING / MANITOULIN EAST MUNI ON CYEM

REF	N45 50 33 W81 51 27 7.5N 9°W UTC-5(4) Elev 870´ A5000 A5001 LO4 CAP
OPR	Manitoulin East Muni Aprt Comsn 705-859-3009, APM 705-368-0092 Reg Opr ltd hrs
PF	A-1,2,6 D-3,4,5
CUST	AOE/15 15-00Z‡ May-Oct
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	Ltd hrs, call out chg may be levied for svcs after hrs. 100LL, JA-1 (FSII avbl) All self-serve Cardlock H24 1,4,5,6
RWY DATA RCR	Rwy 02(021°)/20(201°) 3498x100 ASPH Rwy 02 up 0.53% Opr Ltd win maint
LIGHTING	02-AS(TE ME) AP, 20-AS(TE ME) AP ARCAL-123.2 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL
CAUTION	Large wildlife in vic including bears. Spring & summer hazard - large nesting birds in area and seagulls on rwy.



MANIWAKI QC — CYMW

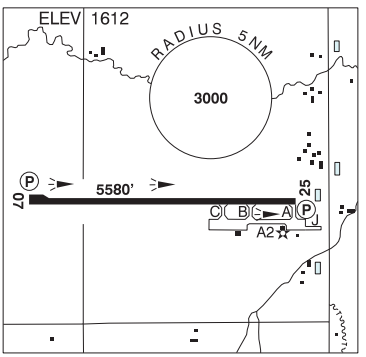
REF	N46 16 22 W75 59 26 5.3S 14°W (2012) UTC-5(4) Elev 659' A5000 A5001 A5002 LO6 LO7 HI5 CAP
OPR	Régie Intermunicipale de l'aprt Maniwaki 819-449-6103, 819-441-4567/6184 or 819-334-1911 Reg
PF	C-1,2,3,4,5,6,7,8
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	WxCam



SERVICES	13-22Z‡ O/T call out chg 819-449-6103 or 819-441-4567/6184
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,4,5,6
RWY DATA	Rwy 03(030°)/21(210°) 4921x150 ASPH Rwy 03 up 0.85% AGN I
RCR	Opr Ltd win maint. 13-22Z‡ Apr-Nov O/T 819-441-4567/6184 PCN
LIGHTING	03-AD(TE ME), 21-(TE ME) ARCAL-122.8 type J
COMM	(bil)
RCO	(bil) Québec rdo (Mont-Laurier) 123.475 (FISE)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	**LAND:** Lgtd prominent hill 825 ASL 0.5NM fr thld & E of Rwy 03 centreline. **WILDLIFE:** Possibility of wild animals on rwy.

MANNING AB — CFX4

REF	N56 57 03 W117 38 39 1.8NW 18°E (2013) UTC-7(6) Elev 1612´ A5022 LO1 HI2 HI3 CAP
OPR	County of Northern Lights 780-836-6586 Reg Ldg fees
PF	A-1 C-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 780-836-3442 (see COMM)



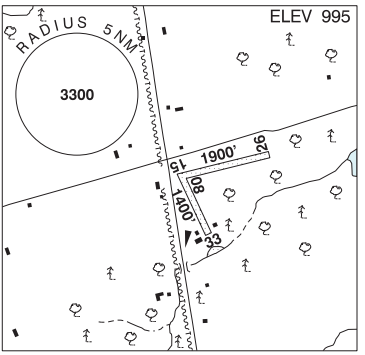
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) (Rotaiva 888-778-8765)
S	4,5,6
RWY DATA	Rwy 07(072°)/25(252°) 5580x100 ASPH Rwy 25 up 0.63% AGN IV
TWY	Twy A2, B & C rstd to Alberta Lands & Forest Service
RCR	Opr win maint 1500-2330Z‡ Oct-Apr Mon-Fri exc hols O/T 4 hrs PN, Medevac flt 2 hrs PN for centreline 60'
LIGHTING	07-(TE ME) P1, 25-(TE ME) P1 ARCAL-123.2 type K

MANNING AB (Cont'd) CFX4

COMM ATF AUTO	 tfc 123.2 5NM 4700 ASL 122.55
CAUTION	Water bomber activity at or in vic of A/D Apr thru Sep.

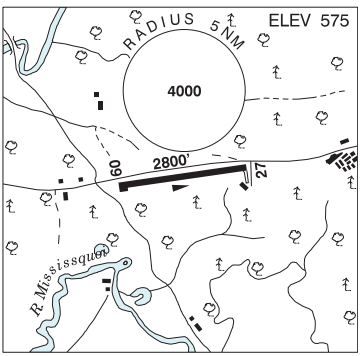
MANSFIELD ON CPV4

REF	N44 09 00 W80 01 11 1.5SSE 10°W UTC-5(4) Elev 995´ VTA A5000
OPR	Christopher Kenalty 416-569-6262 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	 1,4,5
RWY DATA RCR	Rwy 08/26 1900x80 GRASS Rwy 15/33 1400x80 GRASS Rwy 33 up 2% Opr No maint. Rwy may be soft in spring.
CAUTION	P-lines poles (red/white striped) aprx 30 AGL either side Thld 08. Apchs to Thlds 26 & 33 significant upslope to Thlds. 50' sloping descent E of Thld 26. 15´ sloping descent S of Thld 33 to pond. Downslope apch to Thld 08. Trees aprx 30 AGL aprx 125´ fr thld 15. Trees aprx 40 AGL aprx 350´ fr Thld 26.

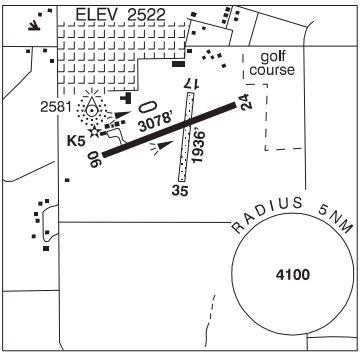


MANSONVILLE QC CSK4

REF	N45 01 35 W72 24 07 16°W UTC-5(4) Elev 575´ A5002
OPR	Mansonville Flying Club 450-292-5777/3521 Reg PPR
PF	C-1,2,3,5,6 D-4
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	 1
RWY DATA RCR	Rwy 09/27 2800x50 ASPH Opr No win maint. Rough sfc & tall weeds growing thru cracks.
COMM ATF	(bil) tfc 123.2 5NM 3600 ASL
CAUTION	Large cracks on rwy.

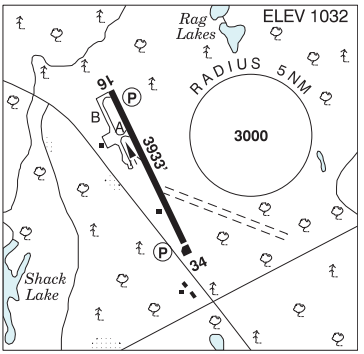


MAPLE CREEK SK — CJQ4



REF	N49 53 47 W109 28 33 Adj S 12°E (2014) UTC-6 Elev 2522´ A5006 LO2 CAP RCAP
OPR	Town 306-662-2244 Fax 306-662-4131 Reg
PF	B-1 C-2,3,4,5
FLT PLN **FIC** **ACC** **WX**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 WxCam
SERVICES **FUEL** **OIL** **S**	For svcg ctc opr 100LL All 1(ltd), 4,5,6
RWY DATA **RCR**	Rwy 06(061°)/24(241°) 3078x75 ASPH AGN II Rwy 17(176°)/35(356°) 1936x75 GRASS/CLAY Rwy 17 up 0.41% Opr
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-122.8 key mic 3 times within 5 secs for 15 min duration.
COMM **ATF**	 UNICOM ltd hrs O/T tfc 122.8 5NM 5600 ASL
NAV **NDB**	 K5 238 (L) N49 53 49 W109 29 01 Pvt Unmonitored
PRO	Rgt hand circuits Rwys 06 & 35 (CAR 602.96).

MARATHON ON — CYSP



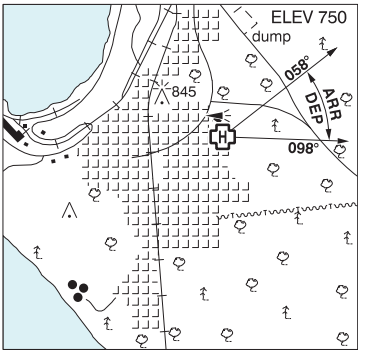
REF	N48 45 26 W86 20 45 2.6NE 6°W UTC-5(4) Elev 1032´ A5008 LO4 CAP
OPR	Corp of the Town of Marathon 807-229-1183 after hrs 807-229-6125 Reg
PF	A-1,6 C-2,3,4,5
FLT PLN **FIC** **WX**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) METAR 13-22Z‡ O/T LWIS TAF 15-22Z‡, issue times: 15, 20Z (DT 14Z)
SERVICES **FUEL**	Mon-Fri ltd hrs. After hrs call out chg may be levied for one or more svcs. 807-229-1183 after hrs 807-229-6125 100LL, JA-1 (FSII avbl) (Self-serve H24) VISA and Mastercard accepted
RWY DATA **RCR**	Rwy 16(159°)/34(339°) 3933x100 ASPH Thld 34 displ 198´. Opr
LIGHTING	16-(TE ME) AP 4°, 34-(TE ME) AP 4° ARCAL-122.8 type K

MARATHON ON (Cont'd) CYSP

COMM	
RCO	London rdo (Horn) 123.55 (FISE)
ATF	tfc 122.8 5NM 4000 ASL
PAL	Winnipeg Ctr 134.075
NAV	
DME	YSP 115.9 Ch 106 N48 44 36 W86 19 39 (1256')

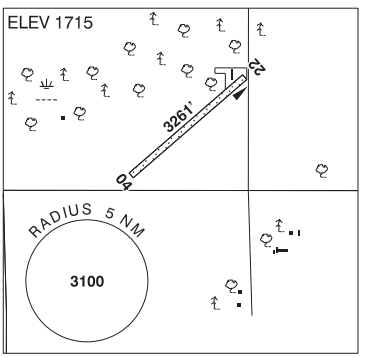
MARATHON (WILSON MEM HOSP) ON (Heli) CPX2

REF	N48 43 07 W86 22 29 Adj E 6°W UTC-5(4) Elev 750´ A5008
PF	A-1,2,4,7 C-3,5,6,8
OPR	North of Superior Healthcare Group - Wilson Mem Gen Hosp 807-229-1740 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' x 86' CONC Safety Area 114' x 114' Max heli overall length 57.5´
RCR	Opr
LIGHTING	RW(LO) green LED PPR
COMM	
A/G	Ambulance dispatch 129.275
PRO	Arr/dep 058° to 098° fr heli, slope 8% (H3), day/night use.
CAUTION	Propane tank aprx 85' NW of heli, marked p-line aprx 230' SE of heli. Unlgtd tower 900 ASL (164 AGL) 1530' WNW of heli.



MARCELIN / CLAYTON AIR 1 SK CMC4

REF	N52 55 48 W106 38 24 5.5ENE 10°E (2021) UTC-6 Elev 1715' A5015
OPR	Clayton Air Service 306-497-7401 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4103 (Toll free within Canada & USA)
RWY DATA	Rwy 04/22 3261x30 GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4800 ASL
A/G	123.45 call sign Clayton Air, 123.55 call sign Clayton Air
CAUTION	Low-level agricultural operations within 30NM of A/D May 1 to Oct 15. Agricultural equipment on apron.

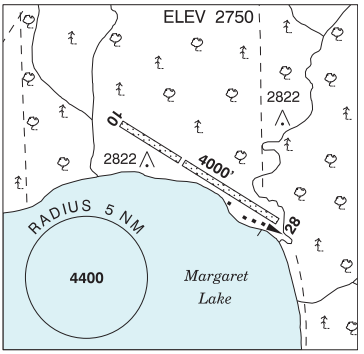


MARDON ON — See TOTTENHAM / MARDON

MARGARET LAKE AB

CFV6

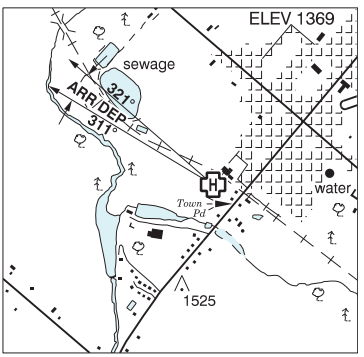
REF	N58 57 W115 15 16°E (2020) UTC-7(6) Elev 2750´ A5023
OPR	Little Red River Cree Nation 780-759-3912 Reg
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 10(106°)/28(286°) 4000x100 GRASS & soil Thld 10 displ 1500´ Opr Ltd maint. No win maint
COMM ATF	 tfc 123.2 5NM 5800 ASL
CAUTION	Bldgs near thld Rwy 10 S side of rwy.



MARKDALE (CENTRE GREY GEN HOSP) ON (Heli)

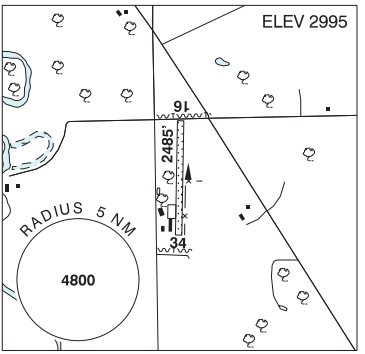
CPD9

REF	N44 18 54 W80 39 19 Adj SW 10°W UTC-5(4) Elev 1369´ A5000
OPR	Centre Grey Gen Hosp 519-986-3040 Cert PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ ASPH Safety Area 108´ x 114´ Max heli overall length 57.5´
LIGHTING	DR RY(LO) RF(FL) All portable PN
COMM A/G	 Ambulance dispatch 129.275
PRO	Arr/dep btwn 311°-321° fr heli (H3).



MARKERVILLE / SAFRON FARMS AB — CSF5

REF	N52 11 57 W114 14 15 5.3 NNW 15°E (2012) UTC-7(6) Elev 2995' A5005 A5015
OPR	Dan/Cindy Safron 403-728-3003 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(166°)/34(346°) 2485x80 GRASS
RCR	Opr Ltd maint
COMM ATF	tfc 123.2 5NM 6000 ASL
PRO	Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	50' trees and p- lines N Thld 34. 30' trees aprx 45' W midfield. P-line 300' S of Thld 16. 70' tower aprx 1.6 mile E of airfield. Bldg W side of rwy near Thld 16. Fence E Thld 16 extending N aprx. 690'. Ditch 2'-3' deep on S end rwy. Farm eqpt may be parked on or near S end of rwy (aprx 100').



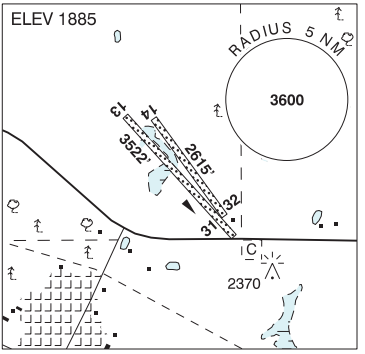
MARKHAM ON — See TORONTO / MARKHAM

MARSHALL McLEOD FIELD ON — See MOOSOMIN / MARSHALL McLEOD FIELD

MARTYN ON — See BLACKSTOCK / MARTYN

MARYFIELD SK — CJQ8

REF	N49 50 47 W101 30 51 Adj NNE 7°E (2017) UTC-6 Elev 1885' A5006 A5007
OPR	Nacho's Flying Service 306-646-7977 Reg PPR
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL Emerg use only
RWY DATA	Rwy 13(131°)/31(311°) 3522x50 GRVL Rwy 14(137°)/32(317°) 2615x65 GRASS
RCR	Opr No win maint

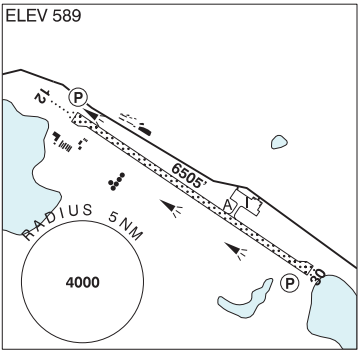


MARYFIELD SK (Cont'd) CJQ8

COMM	
ATF	UNICOM 123.3 5NM 3900 ASL Unmonitored
CAUTION	Lgtd twr 2370 ASL (460 AGL) aprx 930' SE Thld 31.

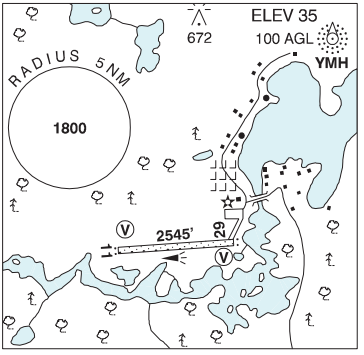
MARY RIVER NU CMR2

REF	N71 19 25 W79 21 14 Adj SE 29°W (2023) UTC-5(4) Elev 589' A5043 A5044 LO9 HI1 HI2 CAP
OPR	Baffinland Iron Ore Mines 647-253-0596 Ext 6007 Reg PPR
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO 866-419-8585 H24 (see COMM) ALTIMETER/WIND 647-253-0596 Ext 6007 H24 (see COMM)
RWY DATA	Rwy 12(124°T)/30(304°T) 6505x148 GRVL Rwy 12 up 0.32% AGN IIIA
RCR	Opr
LIGHTING	12-AO(TE ME) P2, 30-AS(TE ME) P2 ARCAL-123.35 type K
COMM	
ATF	UNICOM (AU) 123.35 5NM 3600 ASL
AUTO	122.35
PRO	Ctc Mary River Unicom 15 min before arr/dep to ensure blasting all clear.
CAUTION	Blasting areas "PIT" 2NM E A/D sfc to 3000 ASL & "QMR2" 0.7NM E A/D sfc to 1600 ASL.



MARY'S HARBOUR NL CYMH

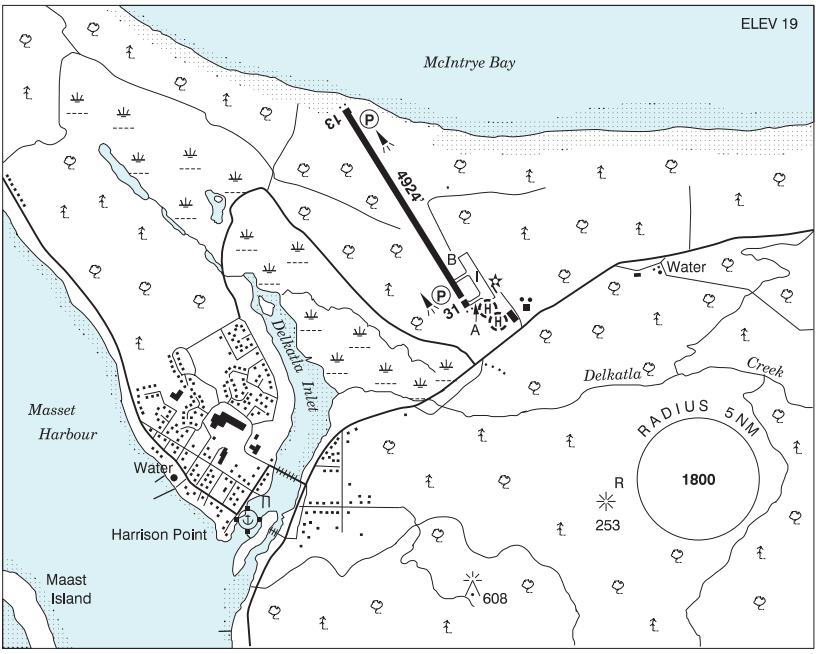
REF	N52 18 10 W55 50 52 0.5S 21°W (2014) UTC-3 1/2(2 1/2) Elev 35´ A5020 LO7 HI1 HI6 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR AUTO H24 (see COMM) WxCam TAF 10-04Z‡, issue times: 11, 14, 20, 02Z
RWY DATA	Rwy 11(109°)/29(289°) 2545x75 GRVL Rwy 11 down 0.42%
RWY CERT	Rwy 11/29 AGN II
RCR	Opr 0930-1830Z‡ Nov-Apr, 1130-2030Z‡ May-Oct, O/T ctc opr 709-921-6961/6250



MARY'S HARBOUR NL (Cont'd) CYMH

LIGHTING	11-AS(TE ME) AV 4°, 29-AS(TE ME) AV 4° ARCAL-122.8 type K, key mic 7 times for RIL.
COMM	
ATF	tfc 122.8 5NM 3000 ASL See PRO section
AWOS	122.55
NAV	
NDB	YMH 250 (M) N52 18 52 W55 49 53
PRO	Rgt hand circuits Rwy 11 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.

MASSET BC CZMT



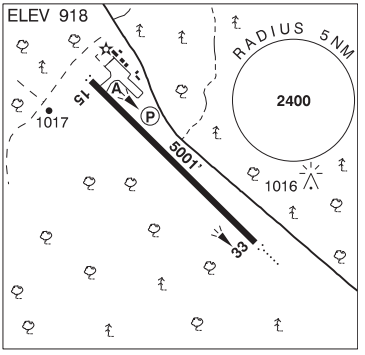
REF	N54 01 38 W132 07 30 1.5SW 19°E (2014) UTC-8(7) Elev 19´ A5013 LO1 CAP
OPR	Airport 250-626-5100, Village Office 250-626-3995, APM after hrs 250-626-7458 16-01Z‡ exc statutory hols May 1-Sep 30; 16-20Z‡ and 21-24Z‡ Sun-Fri exc statutory hols Oct 1-Apr 30. O/T call out chg. Cert Ldg fees
PF	A-1,7 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-02Z‡ Oct 1-Apr 30, 13-00Z May 1-Sep 30 O/T LWIS TAF 16-02Z‡ Oct 1-Apr 30, issue times: 16, 19Z (DT 15, 19Z), 14-00Z May 1-Sep 30, issue times: 14, 19Z

MASSET BC (Cont'd) CZMT

SERVICES	24hr service call out phone located at the centre of the airside outside of the tml building.
FUEL	JA-1 16-01Z‡ exc statutory hols May 1-Sep 30; 16-20Z‡ and 21-24Z‡ Sun-Fri exc statutory hols Oct 1-Apr 30, O/T 2hrs PN cost recovery.
S	4,5
RWY DATA	Rwy 13(129°)/31(309°) 4924x100 ASPH Thld 31 displ 250´
RWY CERT	Rwy 13/31 AGN IIIA
TWY	Twy B
APRON	Overnight parking on W end of apron past Twy B. Parking fees.
RCR	Opr win maint 16-20Z‡ and 21-24Z‡ Sun-Fri Nov 1-Mar 31, exc statutory hols, O/T 2 hrs PN cost recovery CRFI.
HELI DATA	Parking Pad 1: 69'x69' CONC Parking Pad 2: 69'x69' CONC
LIGHTING	13-AS(TE ME) P1, 31-AS(TE ME) P1 3.5° ARCAL-122.7 type K exc RIL on high and medium settings only.
COMM	
MF	UNICOM ltd hrs O/T tfc 122.7 5NM 3000 ASL (CAR 602.98) See PRO section
PRO	Rgt hand circuits Rwy 31 (CAR 602.96). Special VFR tfc advsy procedures apply outside MF zone, see Section C – Areas With Discrete Air-To-Air Frequencies. **Aprt Restriction:** pursuant to CARs 602.96(3)(d) ngt ops Rwy 31 proh unless PAPI and obst bcn serviceable. **Heli**: Arr/dep on rwy, hover taxi to prkg pads.
CAUTION	Ridge of high gnd rises 243´ above aprt elev aprx 1NM SE of aprt. 100´ trees within 600´ of rwy edge. Only pilots familiar with lcl terrain should use this A/D dur hrs of darkness. Extv deer and geese activity in vic of rwy. Verify rwy unobstructed. Water A/D 1.4NM S.

MATAGAMI QC CYNM

REF	N49 45 42 W77 48 10 6W 14°W (2013) UTC-5(4) Elev 918´ A5009 LO3 LO7 HI1 HI4 CAP
OPR	Transports Québec 819-739-2926/8141 Reg
PF	A-1 D-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) WxCam



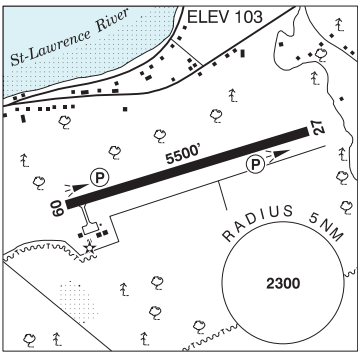
SERVICES	O/T call out chgs
FUEL	100LL, JA-1 1130-2100Z‡ ctc 819-739-2926 O/T 819-739-8141
RWY DATA	Rwy 15(148°)/33(328°) 5001x100 ASPH Rwy 15 down 0.5% first half Rwy 33 down 0.84% first half AGN IIIA
RCR	Opr (French only) Win maint 1245-2100Z‡. O/T 2 hrs PN (MEDEVAC only) 819-739-8141
LIGHTING	15-AS(TE ME) P2, 33-AO(TE ME) ARCAL-122.8 type K

MATAGAMI QC (Cont'd) CYNM

COMM	
DRCO	(bil) Québec rdo 123.55 (FISE) 126.7 (bcst)
ATF	UNICOM (French only) ltd hrs O/T tfc 122.8 5NM 4000 ASL
AWOS	127.45 (English), 125.3 (French)
CAUTION	Wildlife and migrating birds in vic of rwy. Ctc opr.

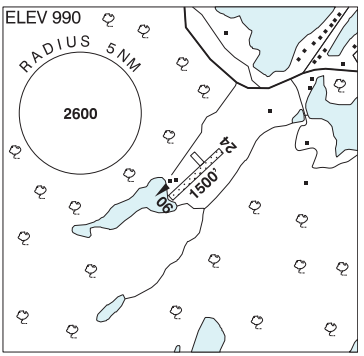
MATANE / RUSSELL-BURNETT QC CYME

REF	N48 51 23 W67 27 08 2.5E 19°W (2013) UTC-5(4) Elev 103´ A5010 LO7 HI6 CAP
OPR	Ville 418-562-2333 or 418-560-2271 (Supervisor) Reg
PF	A-7,8 C-1,2,3,4,5,6
FLT PLN	(bil
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	Possible call out chg 1 hr PN Avjet 581-232-9970
FUEL	100LL, JA-1 (FSII avbl) SP
OIL	15W50
S	4,5,6
RWY DATA	Rwy 09(090°)/27(270°) 5500x150 ASPH AGN IIIA
RCR	Opr (Supervisor) Ltd win maint PLR/PCN
LIGHTING	09-(TE ME) P2, 27-(TE ME) P2 ARCAL-122.8 type K
COMM	(bil)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3200 ASL
CAUTION	**Wind Turbines:** Wind turbine group 5NM SW of A/D, max alt 998 ASL. **Paramotors:** Activities between St-Fabien, Rimouski, Mont-Joli and Matane, sfc up to 500 ASL ocsl 1200 ASL.



MATAWATCHAN ON CMW3

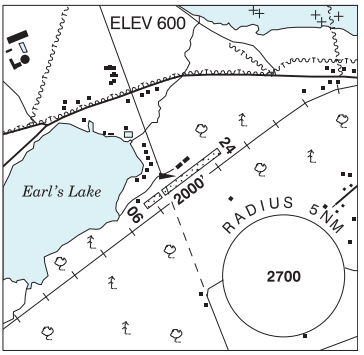
REF	N45 09 50 W077 05 46 1.5NE 13°W UTC-5(4) Elev 990' A5000
OPR	Brian Doyle 613-333-2995 Reg PPR
PF	C-1,2,3
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 06(060°)/24(240°) 1500x90 grass
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4000 ASL
CAUTION	Sharp drop-off of aprx 35' to lake at Thld 06 and to ravine at Thld 24. Trees 15 AGL 100' fr Thld 24.



MATTAWA ON

CMA2

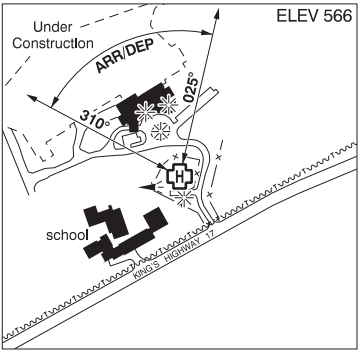
REF	N46 17 59 W78 44 52 1.6SW 12°W UTC-5(4) Elev 600´ A5000 A5001
OPR	Chris Whalley 705-840-8597 Mark Wilkins 705-492-6052 Reg
PF	B-1 C-2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL 15W50 1,4,5,6
RWY DATA RCR	Rwy 06(065°)/24(245°) 2000x80 GRASS Thld 06 displ 400´ Opr Ltd win maint. Soft in spring, ocsl standing water.
COMM ATF	 tfc 123.2 5NM 3600 ASL
CAUTION	Twr 400 AGL 1 mile SW of A/D.



MATTAWA (HOSP) ON (Heli)

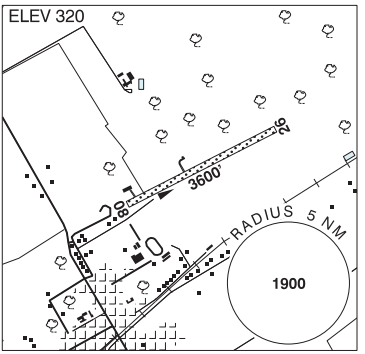
CMA5

REF	N46 18 36 W78 42 46 Adj SW 12°W (2014) UTC-5(4) Elev 566' A5000 A5001
OPR	Mattawa Hospital 705-744-5511 Cert PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 84' dia ASPH Safety Area 112' dia Max heli overall length 54.6' Opr
LIGHTING	RY(LO) RF(FH)
COMM ATF	 tfc 123.2 5NM 3600 ASL
PRO	Arr/dep 310° to 025° fr heli, slope 12% (H2). Where possible, pilots are requested to avoid overflight over hosp.
CAUTION	P-line(s) S of heli.



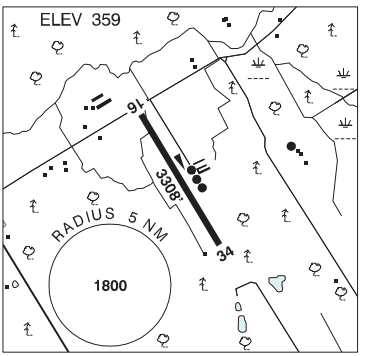
MAXVILLE ON CMX2

REF	N45 17 51 W74 51 00 0.6NE 14°W (2014) UTC-5(4) Elev 320' A1905 A5002
OPR	Allan MacEwen 613-799-9881 Reg PPR
FLT PLN **FIC**	(bil) Quebec 866-GOMETEO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 08(077°)/26(257°) 3600x72 GRASS Opr
COMM **ATF**	 tfc 123.2 5NM 3400 ASL
CAUTION	Lgt tower 625 ASL (250 AGL) 0.7NM S A/D. Lgt tower 661 ASL (295 AGL) 1.2NM S A/D.



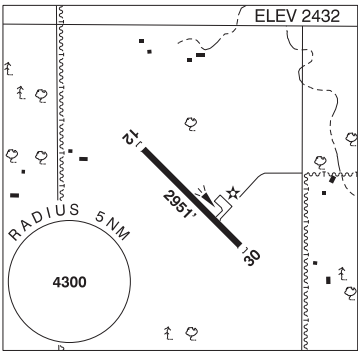
MAXVILLE (BOURDON FARM) ON CMB7

REF	N45 15 11 W74 48 25 3SSE 14°W (2013) UTC-5(4) Elev 359´ A1905 A5002 LO6 LO7 LO8 T2 RCAP
OPR	Bourdon Feed & Grain Inc. 613-551-5071 Marc Bourdon 613-527-2859 Reg PPR
PF	C-1,2,3 D-4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 16(163°)/34(343°) 3308x60 ASPH Rwy 16 up 1.03% Opr
LIGHTING	16-(TE ME), 34-(TE ME) ARCAL-123.8 type J key mic 3 times within 5 sec
COMM **ATF**	 tfc 123.2 5NM 3400 ASL
CAUTION	Underground P-line at road abm thld Rwy 16. Lgtd 50 AGL grain elevator and silos 200' E rwy mid field.



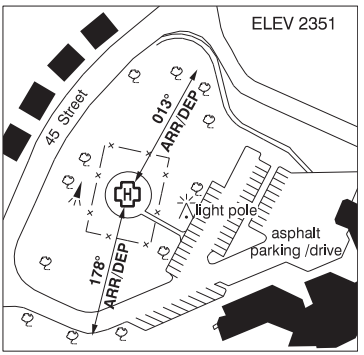
MAYERTHORPE AB CEV5

REF	N53 56 14 W115 10 43 1.3SW 15°E (2016) UTC-7(6) Elev 2432' A5014
OPR	Lac Ste-Anne County 780-785-3411 Reg
PF	B-1 C-2,4,5
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES FUEL OIL S	 100LL, JB(D) 888-778-8765 All 6
RWY DATA RCR	Rwy 12(120°)/30(300°) 2951x75 ASPH Opr Ltd maint
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-123.2 type K
COMM ATF	 tfc 123.2 5NM 5400 ASL
CAUTION	Rwy slopes up from thlds, acft on opposite ends of the rwy may not be visible. Lgtd twr 2732 ASL (351 AGL) aprx 1.3NM ENE of A/D.

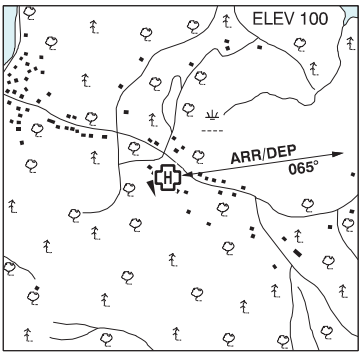


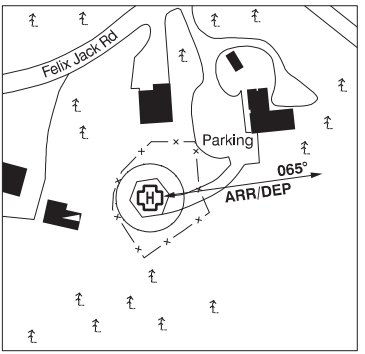
MAYERTHORPE (HEALTHCARE CENTRE) AB (Heli) CMC3

REF	N53 56 56 W115 07 59 Adj 16°E (2013) UTC-7(6) Elev 2351´ A5014
OPR	Mayerthorpe Healthcare Centre 780-786-2261 Cert NVIS OPS AUTH PPR
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 67' dia CONC/GRASS TLOF 33' x 33' CONC Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96).
COMM ATF	 tfc 123.2 5NM centred on Mayerthorpe A/D 1.8NM SW 5400 ASL
PRO	Arr/dep 013° & 178° fr heli, slope 16% (H2). NVIS rqrd for ngt use, all flt paths (CAR 602.96).



MAYNE ISLAND (MEDICAL EMERGENCY) BC (Heli) CBF5

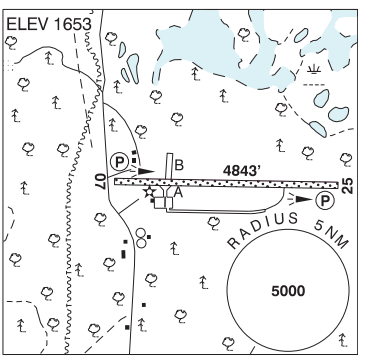




REF	N48 50 48 W123 17 03 Adj 17°E (2014) UTC-8(7) Elev 100´ VTA A5004
OPR	Mayne Island Fire Dept. 250-539-5156 Reg PPR
PF	A-1,3,4 C-2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia CONC/GRASS TLOF 45' dia hexagonal CONC Safety Area 115' dia Max heli overall length 57'
RCR	MEDEVAC only
LIGHTING	DR RW no aiming point (LO) PN Opr
COMM	
ATF	tfc 123.2 5NM 1200 ASL
PRO	Arr/dep 065° fr heli, slope 12%, day/night use.
CAUTION	Trees & rising gnd all quad.

MAYO YT CYMA

REF	N63 37 00 W135 52 08 1.5N 20°E (2018) UTC-7 Elev 1653´ A5028 LO5 HI2 CAP
OPR	Govt of Yukon 867-993-7709 or 867-634-2046 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
CARS	867-996-2334 Fax 867-996-2134
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs. Fuel stor by permit only ctc opr
FUEL	100LL, JA-1 Aero Logistics Ltd 15-22Z Mon-Fri May 1-Sep 30, O/T call out chg 867-393-4359, 867-335-5825 24 hr PN
S	4,5,6

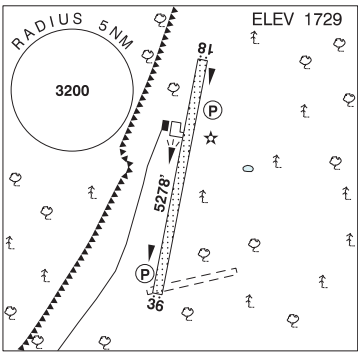


MAYO YT (Cont'd) CYMA

RWY DATA	Rwy 07(071°)/25(251°) 4843x100 GRVL Rwy 07 down 0.34%
RWY CERT	Rwy 07/25 AGN IIIA
TWY	Twy B pvt
RCR	CARS A/D Maint avbl 1400-2230Z Mon-Fri ctc 867-383-0004. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	07-(TE ME) P2, 25-(TE ME) P2 Lgt avbl to non-sked acft only.
COMM	
RCO	Whitehorse rdo 122.375 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 4700 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.65
APRT RDO	122.1 (V)
NAV	
NDB	MA 365 (M) N63 37 40 W135 53 42
PRO	All non sked acft with wing span over 60 ft require min 3 days PN. Ctc opr.
CAUTION	P-lines in vic of Rwy 07 apch.

McARTHUR RIVER SK CKQ8

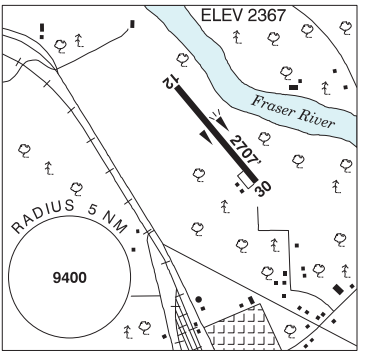
REF	N57 46 03 W105 01 27 1.5E 10°E (2013) UTC-6 Elev 1729´ A5024 LO1 HI2 CAP
OPR	Cameco Corp 306-956-6502 O/T 306-222-9698 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	AUTO 306-633-2001 Ext 8212 (see COMM) ALTIMETER/WIND ltd hrs (see COMM)



RWY DATA	Rwy 18(184°)/36(004°) 5278x110 treated GRVL Rwy 36 up 0.56% AGN IIIA
APRON	Max capacity 5 acft.
RCR	Opr Ltd win maint
LIGHTING	18-AS(TE LO) AP, 36-AS(TE LO) AP ARCAL-122.7 type J Lgt loc aprx 6' outside of rwy and apron edges
COMM	
ATF	78 McArthur River UNICOM (AU) ltd hrs O/T tfc 123.3 5NM 4800 ASL
A/G	Cameco dispatch 122.875
AUTO	122.275
PRO	Rgt hand circuits Rwy 36 (CAR 602.96)
CAUTION	Terrain rises rapidly to the W. Expect severe turbulence & downdrafts with strong W winds. Lgtd twr atop hill 2094´ ASL (191 AGL) 1.2NM SW of A/D. Wildlife on rwy.

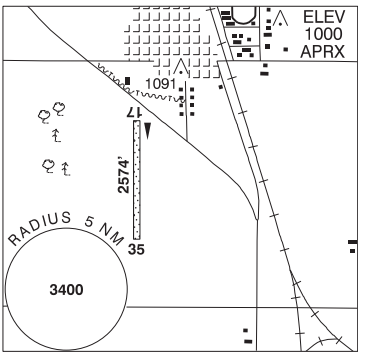
McBRIDE / CHARLIE LEAKE FIELD BC — CAV4

REF	N53 18 53 W120 10 11 1NNW 18°E (2012) UTC-8(7) Elev 2367' A5014 LO1 LO2 RCAP
OPR	Village 250-569-2229 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM)
SERVICES	
FUEL	100LL self serve
S	4,5
RWY DATA	Rwy 12(118°)/30(298°) 2707x75 ASPH Rwy 12 down 0.33%
RCR	Opr Ltd win maint
LIGHTING	12-(TE LO), 30-(TE LO) ARCAL-123.2 type J
COMM	
RCO	Pacific rdo 123.55 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5400 ASL
AUTO	123.175
PRO	Night circuits, rgt hand circuits Rwy 12.
CAUTION	Paraglider activity in NE area adj to aprt. Watch for animals on rwy. Hydro lines across centreline, 2000' W of thld Rwy 12. Lgtd windsock midfield N side. Lgtd windmill 75 AGL 220' S of thld Rwy 30.



McCREARY MB — CJR8

REF	N50 45 52 W99 29 49 Adj SW 5°E (2017) UTC-6(5) Elev 1000´ aprx A5007
OPR	M. Slawinski 204-835-2493 Reg
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(175°)/35(355°) 2574x50 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4000 ASL
CAUTION	P-line across apch to Rwy 17 unmarked.



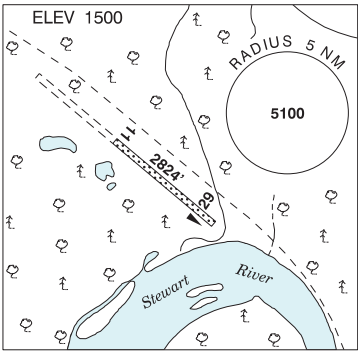
McELROY RANCH AB — See BLACKIE / McELROY RANCH

McEWEN NB — See MONCTON / McEWEN

McQUESTEN YT

CFP4

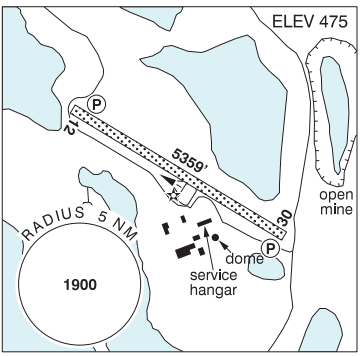
REF	N63 36 18 W137 33 49 20°E (2017) UTC-7 Elev 1500´ A5028
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA **RCR**	Rwy 11(110°)/29(290°) 2824x75 GRVL/GRASS Opr No maint
COMM **ATF**	tfc 123.2 5NM 4500 ASL



MEADOWBANK NU

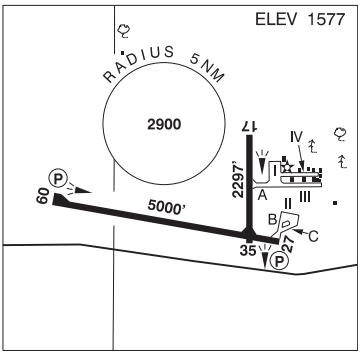
CMB2

REF	N65 01 30 W96 04 16 1NE 4°W (2012) UTC-6(5) Elev 475' A5037 LO5 HI1 HI2 RCAP
OPR	Agnico-Eagle (Division Meadowbank) 819-759-3555 Ext 4606692 11-23Z‡ Reg PPR
PF	C-1,2,4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 819-759-3555 Ext 4606692 11-23Z‡ (see COMM)
SERVICES **FUEL**	Jet A-1 PN
RWY DATA **RCR**	Rwy 12(121°T)/30(301°T) 5359x131 GRVL Opr Sep-May ltd win maint
LIGHTING	12-(LO) P2, 30-(LO) P2
COMM **ATF**	(bil) UNICOM (AU) 11-23Z‡ O/T tfc 123.35 5NM 3500 ASL
CAUTION	Wildlife in vic May-Oct. Dome 615 ASL, 750' SW fr rwy centreline, 1250' fr Thld Rwy 30. Service hangar 553 ASL, 500' SW fr rwy centreline, 1500' fr Thld Rwy 30. Lgtd comm and wx twr in vic.



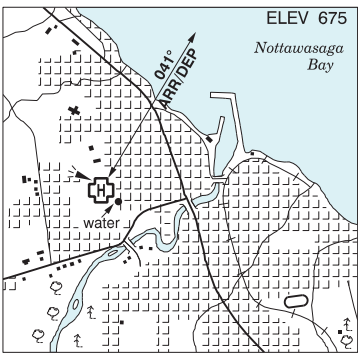
MEADOW LAKE SK — CYLJ

REF	N54 07 31 W108 31 22 2W 12°E (2014) UTC-6 Elev 1577′ A5015 LO1 HI3 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 204-983-8337 or 888-834-3344
WX	METAR 12-24Z O/T LWIS
SERVICES	Call out chg may be levied for one or more svcs after hrs
S	4,5,6
RWY DATA	Rwy 09(088°)/27(268°) 5000x100 ASPH Rwy 17(168°)/35(348°) 2297x75 ASPH
RWY CERT	Rwy 09/27 AGN IIIA Rwy 17/35 AGN II
RCR	APM 306-236-7649 or district office 306-236-7650 1300-2130Z Mon-Fri
LIGHTING	09-(TE ME) P1, 27-(TE ME) P1, 17-(TE ME), 35-(TE ME) ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4600 ASL
CAUTION	Extv bird activity Apr-Oct.

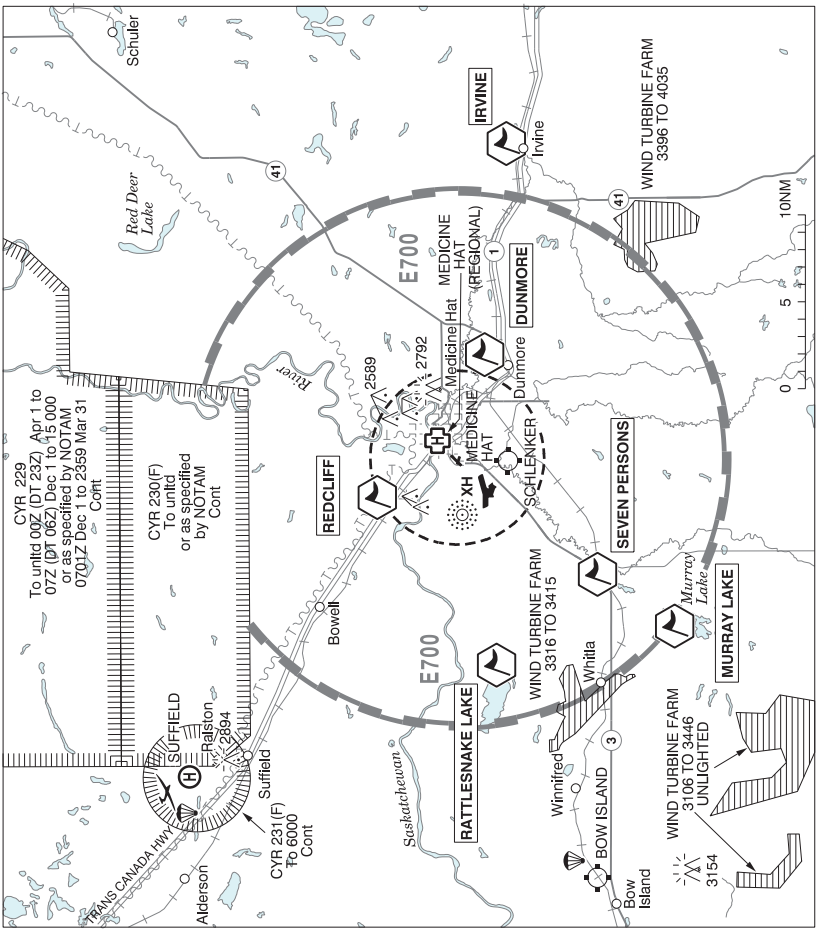


MEAFORD (GEN HOSP) ON (Heli) — CPA7

REF	N44 36 25 W80 35 56 Adj 10°W UTC-5(4) Elev 675′ A5000
OPR	Meaford Gen Hosp 519-538-1311 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' x 114' Max heli overall length 57.3'
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 041° fr heli, slope 8% (H3).
CAUTION	Hydro lines & poles N. Hydro pole 041° fr heli marked with fluorescent triangles. Lgtd water twr S.



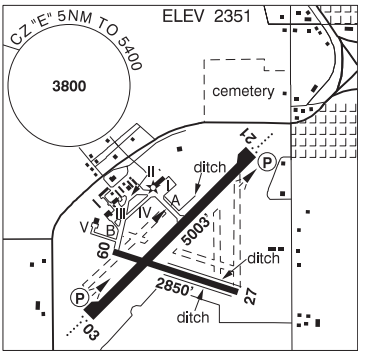
MEDICINE HAT VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
DUNMORE	VCDNM	N49° 58' 20" W110° 34' 55"
IRVINE	VCIRV	N49° 56' 57" W110° 15' 58"
MURRAY LAKE	VCMUR	N49° 48' 18" W110° 57' 03"
RATTLESNAKE LAKE	VCRTL	N49° 58' 17" W111° 00' 59"
REDCLIFF	VCRCF	N50° 05' 30" W110° 48' 10"
SEVEN PERSONS	VCSVN	N49° 51' 56" W110° 54' 06"

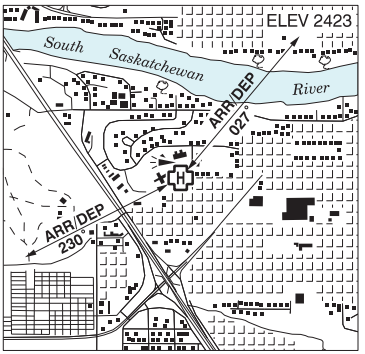
MEDICINE HAT AB — CYXH

REF	N50 01 08 W110 43 14 2SW 13°E (2013) UTC-7(6) Elev 2351´ A5005 A5006 LO2 HI3 CAP
OPR	Muni 403-525-6115 Cert Ldg fees
PF	A-1,2,3,6,7 C-4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR 1245-0345Z O/T METAR AUTO (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam



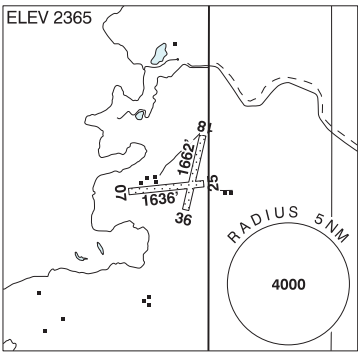
SERVICES	O/T call out chg
FUEL	100LL, JA-1 1130-0400Z‡ Super T Aviation, O/T call out chg may apply
OIL	All
S	1,2,4,5,6
PVT ADV	Super T Aviation 122.75, 888-541-6636 or 403-548-6636, O/T 403-928-7133.
RWY DATA	Rwy 03(032°)/21(212°) 5003x150 ASPH Rwy 09(095°)/27(275°) 2850x100 ASPH
RWY CERT	Rwy 03/21 AGN IIIA Rwy 09/27 AGN I
TWY CERT	Twy B AGN I
TWY	Twy B ltd to 30,000 lbs; Twy A ltd to 150,000 lbs.
APRON	Apron I Ltd to 150,000 lbs, Apron II & III Ltd to 30,000 lbs, Apron IV tie-down area ltd to 10,000 lbs
RCR	Opr Win maint 15-23Z‡ Mon-Fri exc hols O/T 1 hr PN ctc 403-581-7200. CRFI, PLR/PCN. Call-out fees may be levied.
LIGHTING	03-AO(TE ME) P2, 21-AO(TE ME) P2, 09-(TE ME), 27-(TE ME) O/R thru FSS ARCAL-122.2 type K when FSS clsd
COMM	
RADIO	122.2 PTC avbl (V) 1245-0345Z (emerg only 403-526-3040)
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
ATIS	124.875 1245-0345Z
MF	rdo 122.2 1245-0345Z O/T tfc 5NM 5400 ASL (CAR 602.98)
AWOS	124.875 0345-1245Z
NAV	
NDB	XH 332 (L) N50 00 47 W110 47 57 Pvt Unmonitored
PRO	Arr/dep reports & IFR clearances 0345-1245Z ctc Edmonton rdo 123.375.
CAUTION	Non-registered A/D (Harrison Field) 4.5NM SW CYXH aprt. Frequent light/ultralight acft activity. Grass rwy, orientation 17/35. Ditches N & S edges Rwy 27 E of Rwy 03/21. Ditches N edge Twy A & along N of Rwy 21 running E aprx 525' from Twy A. Migratory bird activity in vic of aprt Oct-Mar.

MEDICINE HAT (REGIONAL HOSPITAL) AB (Heli) CMH5



REF	N50 02 07 W110 42 07 1WSW 13°E (2016) UTC-7(6) Elev 2423' A5005 A5006
OPR	Alberta Health Services 403-529-8099 Cert PPR
PF	A-1 B-2,3,4,7,8 C-5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia rooftop non-supporting TLOF 57' x 57' CONC Safety Area 115' dia 17,000 lb Max heli overall length 57.4'
RCR	Opr 1-888-999-3770
LIGHTING	RY(LO) yellow
COMM	
RADIO	Medicine Hat 122.2 (V) 1245-0345Z (emerg only 403-526-3040)
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
ATIS	124.875 1245-0345Z
MF	Medicine Hat rdo 122.2 1245-0345Z O/T tfc 122.2 5NM centered on Medicine Hat A/D 1.2NM SW 5400 ASL (CAR 602.98)
AWOS	124.875 0345-1245Z
PRO	Arr/dep 027° fr heli, slope 8% (H3). Arr/dep 230° fr heli, slope 16% (H2).
CAUTION	Hosp bldg S of heli marked with obst lgt. Lgtd stacks aprox 230' NE of heli.

MEDICINE HAT / SCHLENKER AB CFZ3

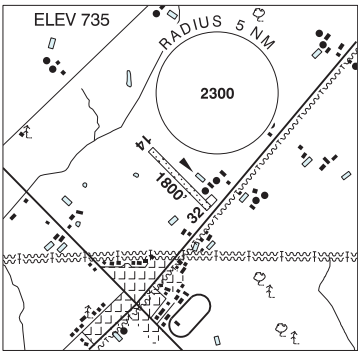


REF	N49 58 20 W110 43 25 5S 13°E (2013) UTC-7(6) Elev 2365´ A5005 A5006
OPR	Sherry Irvine 403-527-5497 or 403-594-9566 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(071°)/25(251°) 1636x75 GRASS Rwy 18(180°)/36(360°) 1662x75 GRASS
RCR	Opr Ltd maint
COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.2 1245-0345Z O/T tfc 122.2 5NM centred on Medicine Hat A/D 3.1NM N 5400 ASL (CAR 602.98)
PRO	Arr/dep reports & IFR clearances 0345-1245Z ctc Edmonton rdo 123.375.

MELBOURNE ON

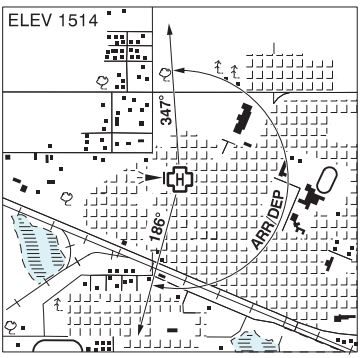
CNM2

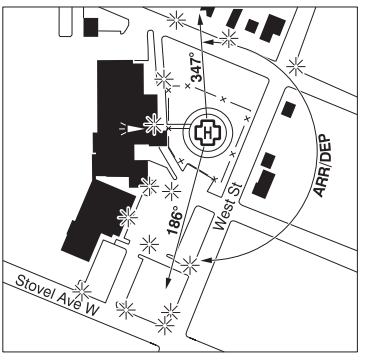
REF	N42 49 27 W81 32 55 Adj NE 8°W UTC-5(4) Elev 735´ A5000
OPR	B. Carruthers 519-289-5961/5837 Reg PPR
PF	C-1,2,5 D-3,4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 14/32 1800x50 GRASS Opr Ltd win maint. Rwy may be soft when wet.
COMM ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Hi tension hydro twr (200-250 AGL) & P-lines aprx 1000´ S of Thld 32 running SE. P-line 30 AGL aprx 50' fr Thld 32. Fence 5' high at N end. Cultivated fields at both edges of Rwy 14/32. Silo adj E to Rwy 14/32 within 100´ of rwy centreline. Rwy surface uneven.



MELFORT (HOSP) SK (Heli)

CMH7





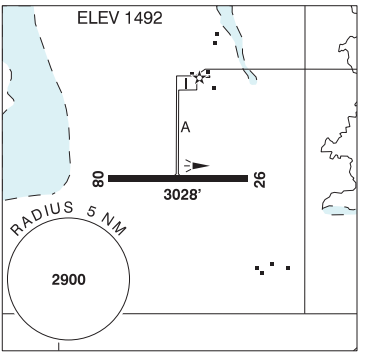
REF	N52 51 57 W104 36 49 Adj N 9°E (2020) UTC-6 Elev 1514´ A5016
OPR	Melfort Hospital 306-921-5290 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA).
HELI DATA RCR	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' Opr
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4600 ASL

MELFORT (HOSP) SK (Heli) (Cont'd) CMH7

PRO	Arr/dep 347° to 186° fr heli (H1), NVIS rqrd for night use (CAR 602.96).
CAUTION	Trees adj N, E & S of heli. Marked poles & p-lines to 30' AAE adj N & S of heli. Marked lamp posts NW & SW of heli in parking lot & roadway. Bldgs aprx 36' W of heli, marked with obst lights.

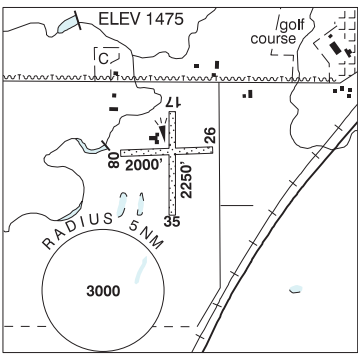
MELFORT (MILLER FIELD) SK CJZ3

REF	N52 51 52 W104 42 03 2.6W 9°E (2013) UTC-6 Elev 1492´ A5016 LO2 CAP
OPR	City 306-752-5911 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S	PN 306-921-6750. Call out chg may be levied. 100LL, JA-1 Self-serve credit card All 1,4,5,6
RWY DATA RCR	Rwy 08(081°)/26(261°) 3028x75 ASPH Opr Ltd win maint wknds/hols PN 306-921-8488, 306-921-6902
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-122.8 type J
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4500 ASL
CAUTION	Twy ocsl used for ldg & tkof.



MELITA MB CJT5

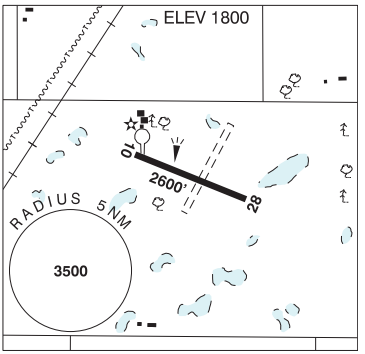
REF	N49 15 42 W101 00 50 Adj SW 8°E UTC-6(5) Elev 1475´ A5007
OPR	Viola Carr 204-522-0278 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(172°)/35(352°) 2250x65 GRASS Rwy 08(080°)/26(260°) 2000x40 GRASS W. Elliott 204-522-3673 No win maint
COMM ATF	tfc 123.2 5NM 4500 ASL
CAUTION	Trees cross apch Rwy 26 aprx 150´ fr thld.



MELVILLE MUNI SK

CJV9

REF	N50 56 29 W102 44 16 1.5E 8°E (2013) UTC-6 Elev 1800´ A5006 LO2
OPR	City 306-730-8424 Fax 306-728-5832 Reg
PF	C-2,3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	6
RWY DATA RCR	Rwy 10(105°)/28(285°) 2600x75 ASPH Opr
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.2 type J
COMM ATF	tfc 123.2 5NM 4800 ASL

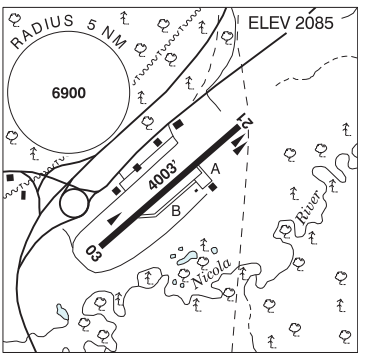


MERLYN CARTER AIRPORT NT — See HAY RIVER / MERLYN CARTER AIRPORT

MERRITT BC

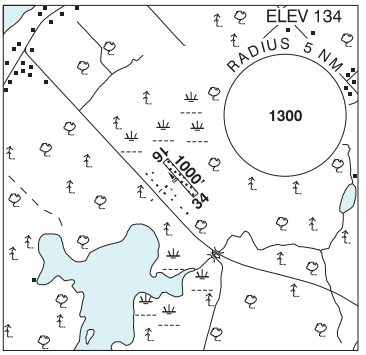
CAD5

REF	N50 07 22 W120 44 42 2E 16°E (2015) UTC-8(7) Elev 2085´ A5004 LO2 RCAP
OPR	City 250-378-4224 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	250-378-4278 Mon-Fri daylight hrs O/T 250-378-7565
FUEL	100LL, JA
S	4,5,6
RWY DATA	Rwy 03(033°)/21(213°) 4003x73 ASPH Rwy 21 down 1.12%
TWY	Twy B gravel
RCR	Opr Twy B no win maint
COMM ATF	tfc 123.2 2NM 3600 ASL
PRO	Rgt hand circuits Rwy 03 (CAR 602.96).
CAUTION	Twr 2227 ASL 1.9NM SW Thld 03. Twr 3900 ASL 3.2NM SW Thld 03. Fire base 3.5NM NE Thld 21. Heli 0.3NM E extv heli tfc May-Sept. Ocsl rdo ctl model acft, monitoring ATF.



METEGHAN / KEIZERS AIR PARK NS — CKZ5

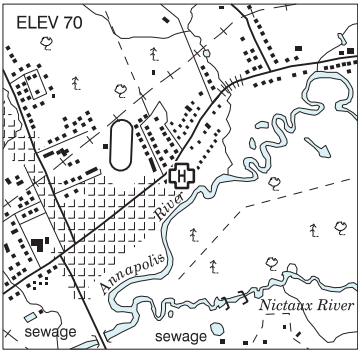
REF	N44 10 21 W66 09 45 Adj SSW 16°W (2020) UTC-4(3) Elev 134´ A5003
OPR	Calvin Keizer 902-769-7294 or 902-645-3880 Reg PPR
PF	C-1,2,3,4,7 D-5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1
RWY DATA RCR	Rwy 16(155°)/34(335°) 1000x28 GRVL Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3200 ASL
CAUTION	High tree line along SW & SE of rwy. Lgtd twr 459 ASL (325 AGL) 0.5NM NNW of A/D



MEYER'S AIRSTRIP AB — See CLAIRMONT / MEYER'S AIRSTRIP

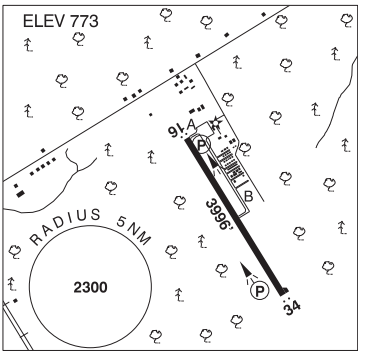
MIDDLETON (SOLDIERS MEMORIAL HOSP) NS (Heli) — CMS2

REF	N44 56 46 W65 03 32 Adj 18°W (2014) UTC-4(3) Elev 70´ A5003
OPR	Soldiers Memorial Hosp 902-825-3411 Reg PPR
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA RCR	FATO/TLOF 92' dia CONC/ASPH Safety Area 122' dia Max heli overall length 61.3' Opr
LIGHTING	RY(LO) ARCAL-123.0 type J key 3 times
COMM TWR	Greenwood Twr 119.5 & 126.2 at Greenwood 6.4NM NE
PRO	Heli falls within Greenwood CZ.



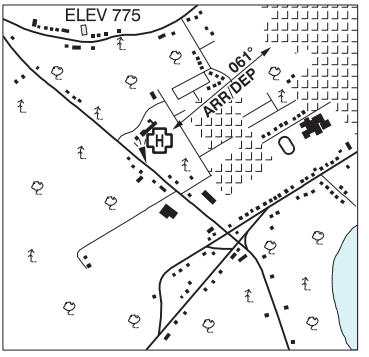
MIDLAND / HURONIA ON — CYEE

REF	N44 41 05 W79 55 46 4SSW 11°W UTC-5(4) Elev 773' A5000 LO6 HI5 CAP
OPR	Huronia Airport Comsn 705-526-8086 Reg
PF	A-1,7,8 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 705-526-8086 ldt hrs (see COMM)
SERVICES	13-22Z‡
FUEL	100LL, JA-1
OIL	20W50, 15W50
S	1,2,3,4,5,6
RWY DATA **RCR**	Rwy 16(160°)/34(340°) 3996x75 ASPH Rwy 34 first 998' up 1.14% Opr
LIGHTING	16-AS(TE ME) AP, 34-AS(TE ME) AP ARCAL-122.85 type J
COMM **ATF**	UNICOM (AU) ltd hrs O/T tfc 122.85 5NM 3800 ASL
NAV **DME**	YEE 112.8 Ch 75 N44 34 54 W79 47 36 (996')
CAUTION	Due to rwy slope on 16/34, acft on rwy ends may not be visible to pilots at opposite ends of rwy. Wildlife in vic of rwy. Trees on approach to Rwy 16 & 34.



MIDLAND (HURONIA DISTRICT HOSP) ON (Heli) — CPW6

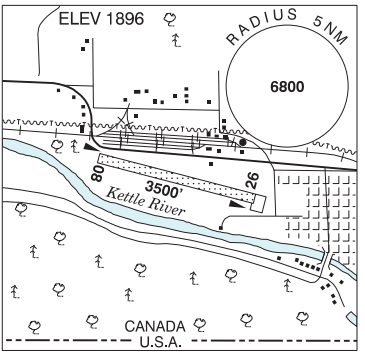
REF	N44 44 30 W79 54 52 Adj W 11°W UTC-5(4) Elev 775´ A5000
OPR	Huronia District Hosp 705-526-3751 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ dia CONC Safety Area 114´ dia Max heli overall length 57.3´
RCR	Opr
LIGHTING	DR RY(LO) RF(FL) (DR portable, PN)
PRO	Arr/dep 061° fr heli, slope 16% (H1), day/night use
CAUTION	Trees on apch/dep obstacle limitation surface based on 16%.



MIDWAY BC

CBM6

REF	N49 00 36 W118 47 23 Adj W 16°E (2013) UTC-8(7) Elev 1896´ A5005
OPR	Village of Midway 250-449-2222 Reg
PF	C-1,2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 3500x125 GRASS Opr No win maint
COMM ATF	tfc 123.2 2NM 3400 ASL
CAUTION	Rdo-ctl acft oprg fr A/D. Model acft activity next to rwy.



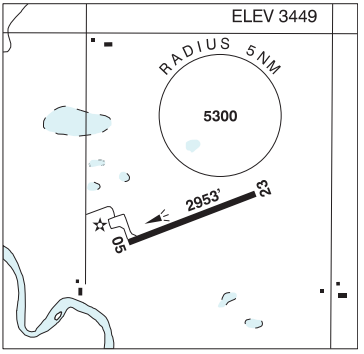
MILE 422 (ALASKA HIGHWAY) BC — See TOAD RIVER / MILE 422 (ALASKA HIGHWAY)

MILLER FIELD SK — See MELFORT (MILLER FIELD)

MILK RIVER AB

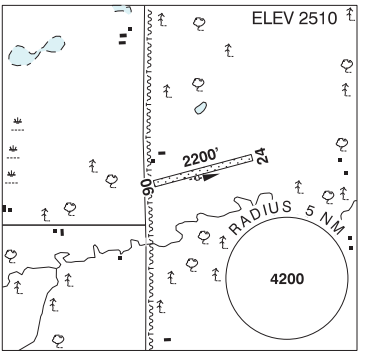
CEW5

REF	N49 08 00 W112 03 00 1.5SE 13°E (2017) UTC-7(6) Elev 3449´ A5005
OPR	Town of Milk River 403-647-2339
PF	B-1 D-2,3,5
CUST	AOE/CAN
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 05/23 2953x75 ASPH Opr Ltd maint
LIGHTING	05-(TE ME), 23-(TE ME)
COMM ATF	tfc 123.2 5NM 6500 ASL



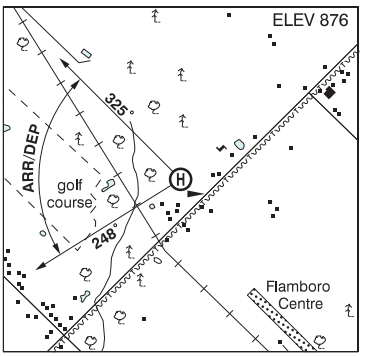
MILLET / CREEKVIEW AB — CRK2

REF	N53 04 44 W113 30 34 1.6WSW 15°E (2012) UTC-7(6) Elev 2510' VTA A5015
OPR	Carl Scott Coggan/Janet Coggan 780-387-4937 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 06(060°)/24(240°) 2200x75 GRASS
RCR	Opr No win maint. Rwy may be soft in spring.
COMM ATF	tfc 123.5 5NM up to but not including 3400 ASL
PRO	Circuit hgt 3300 ASL
CAUTION	P-line marked with balls 37 AGL at Thld Rwy 06. High voltage p-line 0.5NM E Thld 24.



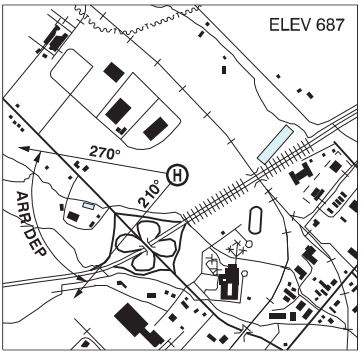
MILLGROVE / DRAGON'S FIRE HELIPORT ON (Heli) — CDF7

REF	N43 22 50 W079 56 27 2.7NNE 10°W (2022) UTC-5(4) Elev 876' A1900 A5000
OPR	Bells Hill Airpark 905-320-2034 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 60' dia GRASS TLOF 18' dia GRASS Safety Area 80' dia Max heli overall length 38'
RCR	Opr
COMM ATF	tfc 123.2 2NM centred on Flamboro Centre A/D adj SSE 3900 ASL
PRO	Arr/dep 248° to 325° fr heli.
CAUTION	Flamboro Centre A/D adj SSE.



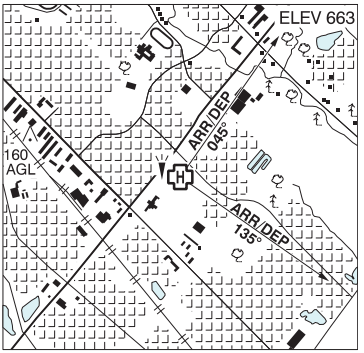
MILTON (AFI) ON (Heli) CMH2

REF	N43 31 56 W79 54 10 Adj N 10°W UTC-5(4) Elev 687´ VTA A5000
OPR	AFI Group International Inc 905-693-0746 Reg PN
PF	A-1 B-2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	60´ x 60´ CONC 80´ x 80´ rstd max length 40´ Opr
LIGHTING	RY(LO)
COMM VFR ADV	Toronto 119.3
PRO	Arr/dep btwn 210°-270° fr heli.
CAUTION	Numerous twr within 5NM.



MILTON (DISTRICT HOSP) ON (Heli) CPY2

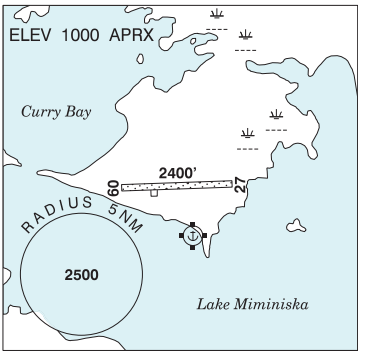
REF	N43 29 55 W79 52 04 Adj S 10°W (2016) UTC-5(4) Elev 663´ VTA A5000
OPR	Halton Health Care 905-845-2571 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 85' dia ASPH TLOF 33' dia CONC Safety Area 115' dia Max heli overall length 57.4' Opr
LIGHTING	RY(LO) green RF(FL)
PRO	Arr/dep 045°-135° fr heli, slope 16% (H2), day/night use VFR only.
CAUTION	Hosp bldg SW of heli.



MIMINISKA ON

CPS5

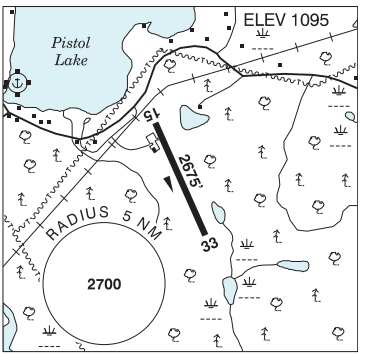
REF	N51 36 16 W88 34 56 5°W UTC-5 Elev 1000´ aprx A5008
OPR	Wilderness North Air 807-983-2047 Reg PPR
PF	C-1,2,5 PN Opr May 15-Sep 30
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(093°)/27(273°) 2400x50 GRASS Rwy 09 slopes down Opr No win maint
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4000 ASL



MINAKI ON

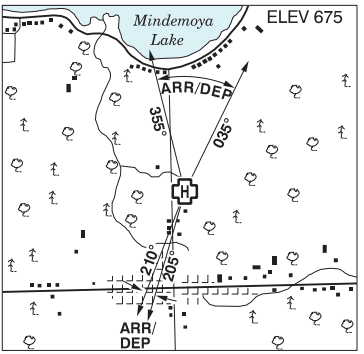
CJA6

REF	N49 58 17 W94 42 04 1.3WSW 1°E (2017) UTC-6(5) Elev 1095´ A5007
OPR	River Air Ltd 807-224-6531 Reg PN
PF	B-1 C-2,5
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1, 2, 3, 4, 5, 6
RWY DATA RCR	Rwy 15(155°)/33(335°) 2675x50 ASPH Opr Ltd win maint
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL
CAUTION	Lgtd twr 1450 ASL (380 AGL) 0.7NM ENE. Lgtd twr 1407 ASL (226 AGL) 0.9NM W. Minaki/Pistol Lake water A/D aprx 1NM NW.



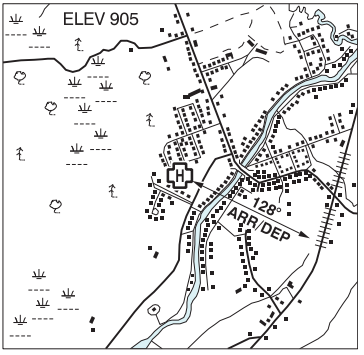
MINDEMOYA (HOSP) ON (Heli) CNW4

REF	N45 44 20 W82 10 00 Adj S 9°W UTC-5(4) Elev 675´ A5000
OPR	Mindemoya Hosp 705-377-5311 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ CONC Safety Area 114´ x 114´ Max heli overall length 57.25´
LIGHTING	RY(LO) RF(FL)
COMM **A/G**	Ambulance dispatch 129.275
PRO	Arr/dep 205° to 210° fr heli, slope 16%. Arr/dep 355° to 035° fr heli, slope 12%.



MINDEN (HOSP) ON (Heli) CMI2

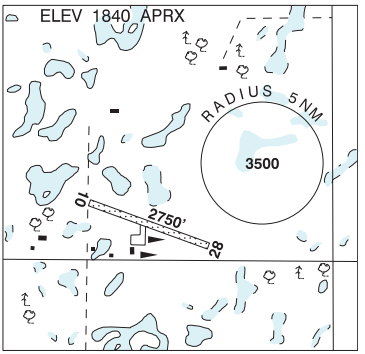
REF	N44 55 29 W78 43 46 Adj S 12°W UTC-5(4) Elev 905´ A5000
OPR	Haliburton Highlands Health Services 705-286-2140 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	86´ dia ASPH 114´ dia Rstd max heli length 57.5´ Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 128° fr heli, slope 8% (H3), day/night use.



MINNEDOSA MB

CJU5

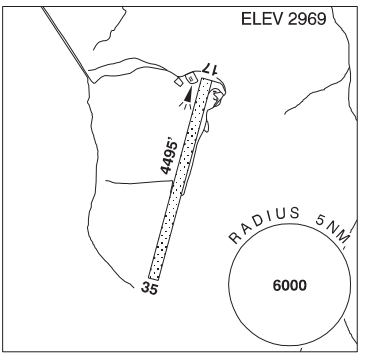
REF	N50 16 19 W99 45 47 3NE 7°E UTC-6(5) Elev 1840´ aprx A5007
OPR	K. Kane 204-867-3147 Fax 204-867-2640 Reg PPR
PF	B-1 C-2,3,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	5,6
RWY DATA RCR	Rwy 10(103°)/28(283°) 2750x75 GRASS/SNOW Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4800 ASL



MINTO YT

CMN4

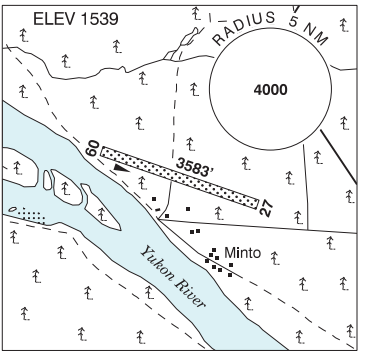
REF	N62 36 17 W137 13 19 Adj SE 20°E (2016) UTC-7 Elev 2969' A5028 A5099 LO5
OPR	Minto Explorations Ltd 604-759-0860 Fax 604-759-0861 Reg PPR
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(175°)/35(355°) 4495x100 GRVL Rwy 17 up 1.56% Opr
LIGHTING	17-(TE ME), 35-(TE ME)
COMM ATF	tfc 123.2 5NM 5000 ASL
CAUTION	Blasting ops to 2000 AGL 2NM radius around A/D H24.



MINTO LANDING YT

CML7

REF	N62 35 38 W136 52 27 Adj N 20°E (2017) UTC-7 Elev 1539' A5028
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Fax 867-634-2131 Reg
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA	Rwy 09(089°)/27(269°) 3583x100 GRASS/GRVL
COMM ATF	tfc 123.2 5NM 4600 ASL
PRO	Opr No win maint

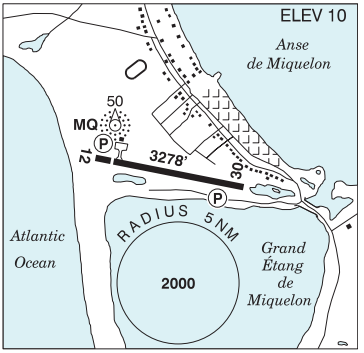


MINTY FIELD AB — See DIDSBURY / MINTY FIELD

MIQUELON FRANCE

LFVM

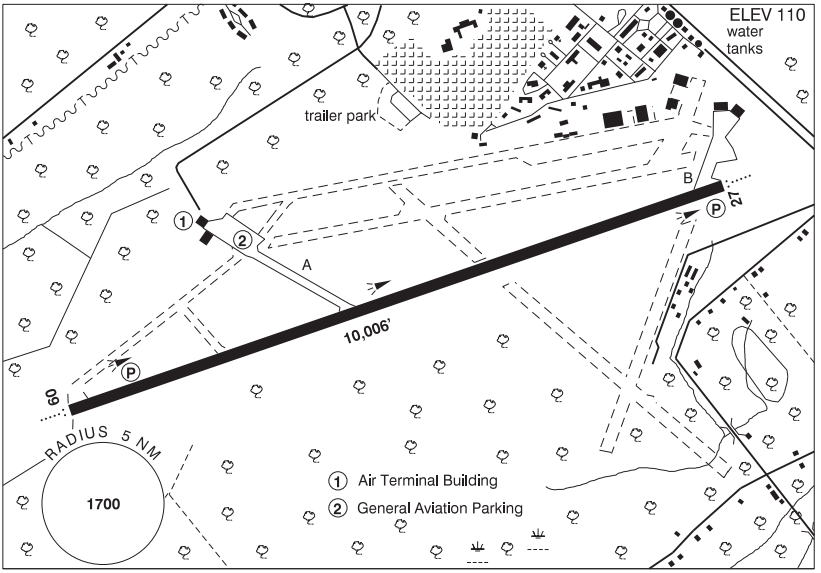
REF	N47 05 44 W56 22 49 Adj SW 21ºW (2005) UTC-3(2) Elev 10' A5012 LO8
OPR	DTAM TWR St-Pierre tel 0-11-508-41-18-22 ATS O/R for commercial flights, MEDEVAC & SAR. All other flights PPR 1 day before 1800Z. All comm in French. English comm avbl PPR. Tel (Canada 0-11-508-55-64-60 Fax 0-11-508-41-64-60)
PF	A-1 C-2,3,4,5
CUST	Not avbl at this site. All Intl tfc must first clear cust at St-Pierre.
FLT PLN FIC	Flt Pln & NOTAM avbl fr St-Pierre TWR Tel 0-11-508-41-18-22 Fax 0-11-508-41-18-20 London 519-452-4040 (English) or Québec 866-541-4105 (French)
SERVICES ARFF	CAT 2 (CAT 3 2 hr PN during OPS hrs)
RWY DATA RCR	Rwy 12(119º)/30(299º) 3278x66 ASPH Thld 12 displ 361' Opr Aprt TWR tel 0-11-508-41-64-60
LIGHTING	12-(TE HI) P1, 30-(TE HI) P1 3.5°
COMM TWR ATF TML PAL	 Miquelon Info 118.275 tfc 119.1 5NM 6000 ASL St-Pierre 119.1 11-22Z‡ O/T Gander Ctr 134.9 Gander Ctr 134.9



MIQUELON FRANCE (Cont'd) LFVM

NAV	
NDB	MQ 402 (L) N47 05 51 W56 23 09 at A/D
PRO	Rgt hand circuits Rwy 12.
CAUTION	Presence of sea birds year round. Site is likely to be covered by advection fog in a few minutes.

MIRAMICHI NB CYCH



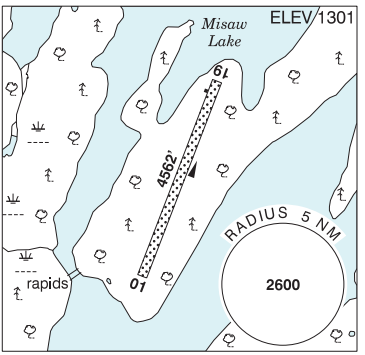
REF	N47 00 21 W65 27 25 1.6S 18°W (2017) UTC-4(3) Elev 110´ A5003 LO8 HI6 CAP
OPR	Miramichi Aprt Comsn 506-778-1031/9189 Cert
PF	A-1 (ltd hrs) C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	ALTIMETER/WIND 506-778-1031 11-23Z‡ (see COMM) WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1
S	1,2,4,5,6
SUP FL	D-ice PN
JASU	10/15 PN
MILCON	Miramichi Airport Commission (Irving Oil) 506-778-1031
RWY DATA	Rwy 09(089°)/27(269°) 10006x150 ASPH
RWY CERT	Rwy 09/27 AGN V
TWY	Twy B avbl daytime only Twy B ltd win maint
RCR	Opr CRFI Ltd win maint, PN
LIGHTING	09-AO(TE ME) P2, 27-AO(TE ME) P2 ARCAL-122.7 type K

MIRAMICHI NB (Cont'd) CYCH

COMM	
ATF	UNICOM (AU) 11-23Z‡ O/T tfc 122.7 5NM 3100 ASL
PAL	Moncton Ctr 123.7
PRO	Rgt hand circuits Rwy 09 (CAR 602.96). Do not overfly A/D during glider ops.
CAUTION	Glider operations on active runway and abandoned area N of Rwy 09/27 weekends May-Jun & Sep-Nov, vehicle & acft launching. Ctc glider ops 122.7 during activity.

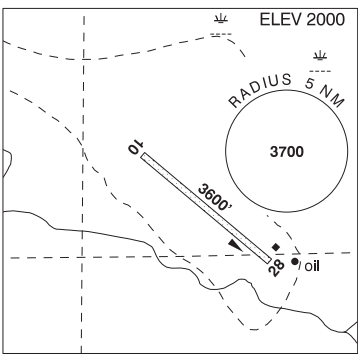
MISAW LAKE SK CAM2

REF	N59 45 14 W102 25 22 7°E (2023) UTC-6 Elev 1301´ A5024
OPR	Misaw Lake Lodge 204-392-2219, 515-240-7956 mark@misawlakelodge.com Reg PPR A/D clsd Sep 11-Jun 09
PF	B-1 ltd C-2,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344, 204-983-8337
SERVICES	
S	5 (ltd, O/R), 7
RWY DATA	Rwy 01(014°)/19(194°) 4562x100 GRVL
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 4300 ASL
CAUTION	Wildlife in vic.



MOBIL BISTCHO AB CFV3

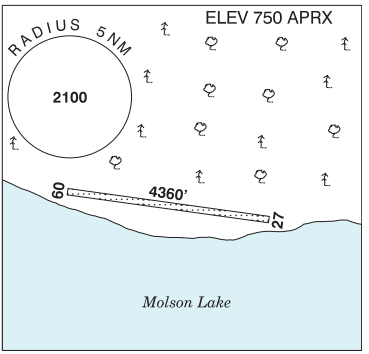
REF	N59 29 W119 01 19°E (2012) UTC-7(6) Elev 2000´ A5022
OPR	AESRD, Forestry and Emergency Response Division High Level 780-926-3761 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10(111°)/28(291°) 3600x75 GRASS
RCR	Opr Ltd maint. No win maint
COMM	
ATF	tfc 123.2 5NM 5000 ASL



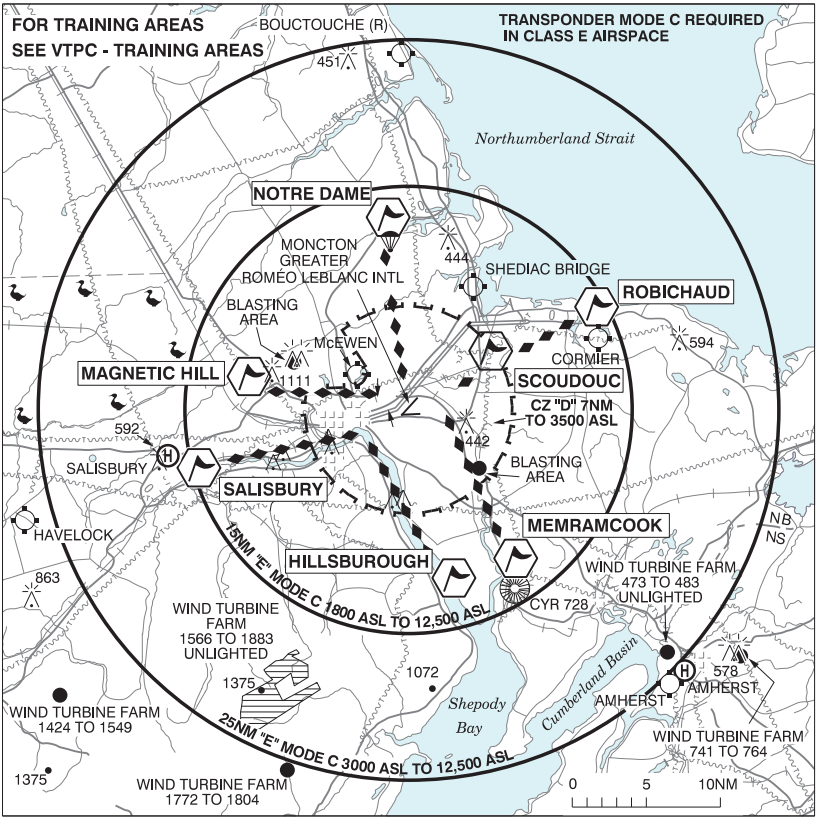
MOLSON LAKE MB

CKJ8

REF	N54 15 29 W97 00 40 2NW 4°E UTC-6(5) Elev 750´ aprx A5016
OPR	Norway House Cree Nation 204-359-6786 Fax 204-359-4186 Reg
PF	C-1,2,5 PN Opr
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09(094°)/27(274°) 4360x90 GRVL Opr No win maint
COMM **ATF**	tfc 122.8 5NM 3800 ASL



MONCTON VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
HILLSBUROUGH	VCHLH	N45° 55' 30" W064° 37' 19"
MAGNETIC HILL	VCHLL	N46° 08' 00" W064° 56' 45"
MEMRAMCOOK	VCMMC	N45° 55' 19" W064° 30' 56"
NOTRE DAME	VCCND	N46° 18' 55" W064° 43' 42"
ROBICHAUD	VCCHD	N46° 12' 30" W064° 22' 42"
SALISBURY	VCSBY	N46° 01' 41" W065° 02' 24"
SCOUDOUC	VCSDC	N46° 09' 42" W064° 33' 38"

MONCTON VFR TERMINAL PROCEDURES CHART (Cont'd)

VFR FLIGHT PROCEDURES

NOTRE DAME
Dep – Fly direct NOTRE DAME. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – From NOTRE DAME fly direct to clearance limit. Maintain 2500 feet until cleared lower or turning final.

ROBICHAUD
Dep – Fly direct to SCOUDOUC then direct to ROBICHAUD. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – Fly direct to SCOUDOUC and then to clearance limit. Maintain 2500 feet until cleared lower or turning final.

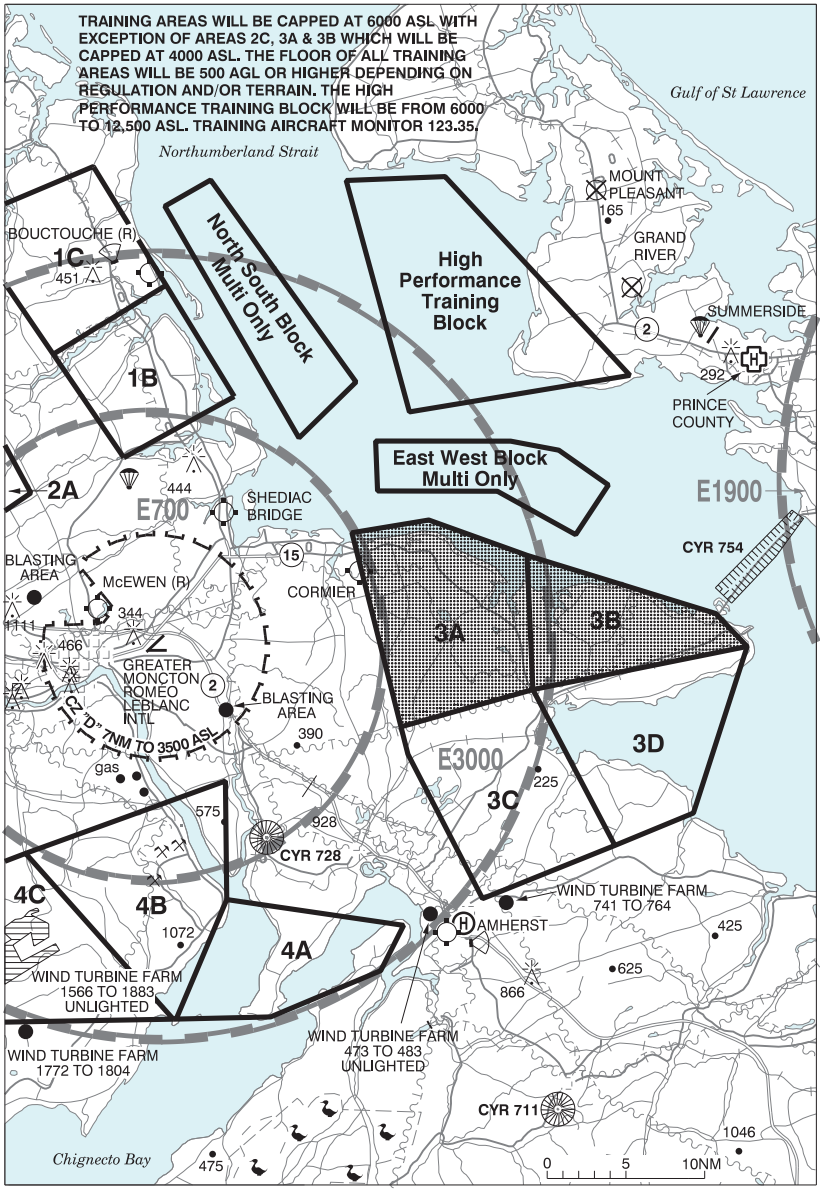
MEMRAMCOOK
Dep – Fly over the Trans Canada Hwy south to MEMRAMCOOK. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – From MEMRAMCOOK, fly over the Trans Canada Hwy north to clearance limit. Maintain 2500 feet until cleared lower or turning final.

HILLSBUROUGH
Dep – Fly over the Petitcodiac River south to HILLSBUROUGH. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – From HILLSBUROUGH, fly over the Petitcodiac River north to clearance limit. Maintain 2500 feet until cleared lower or turning final.

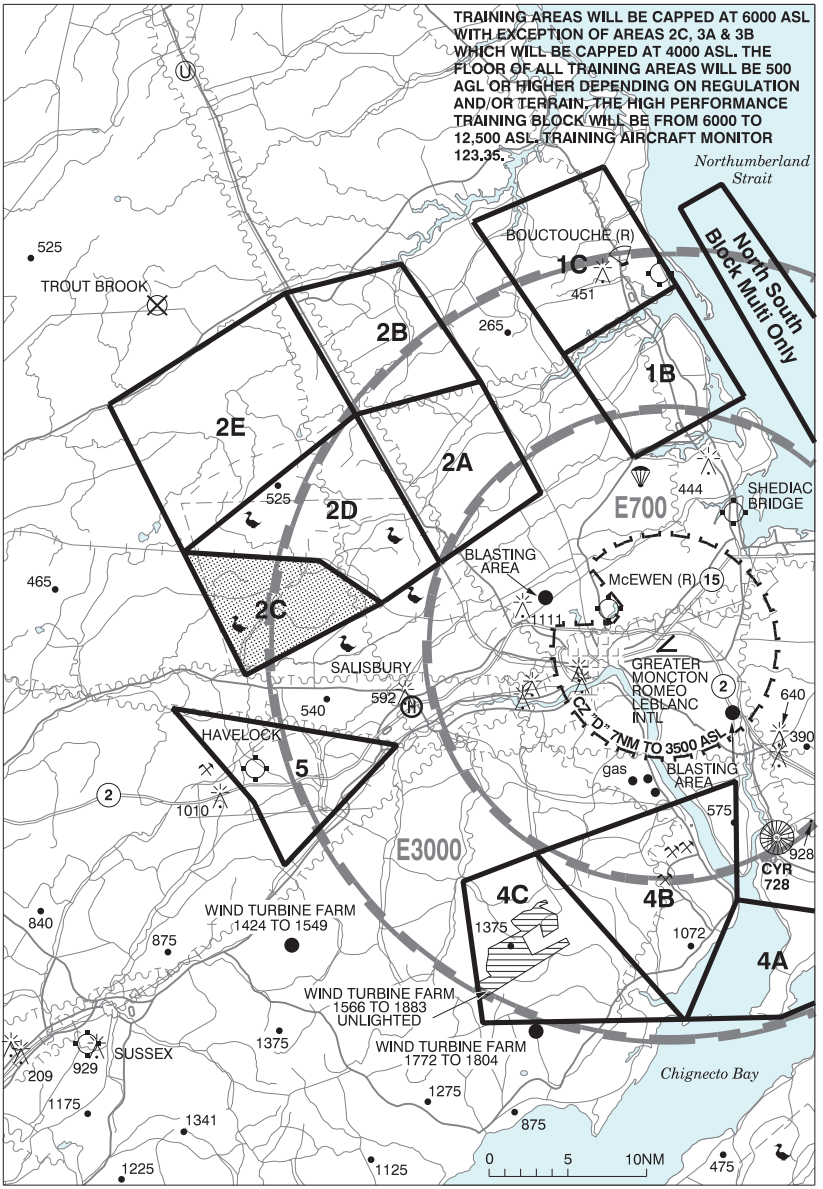
SALISBURY
Dep – Fly over the Petitcodiac River west to SALISBURY. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – From SALISBURY, fly over the Petitcodiac River east to clearance limit. Maintain 2500 feet until cleared lower or turning final.

MAGNETIC HILL
Dep – Fly over the Trans Canada Hwy west to MAGNETIC HILL. Maintain 1500 feet until cleared higher or leaving the control zone.
Arr – From MAGNETIC HILL, fly over the Trans Canada Hwy east to clearance limit. Maintain 2500 feet until cleared lower or turning final.

MONCTON VFR TERMINAL PROCEDURES CHART - TRAINING AREAS
MONCTON FLIGHT COLLEGE - EAST PORTION

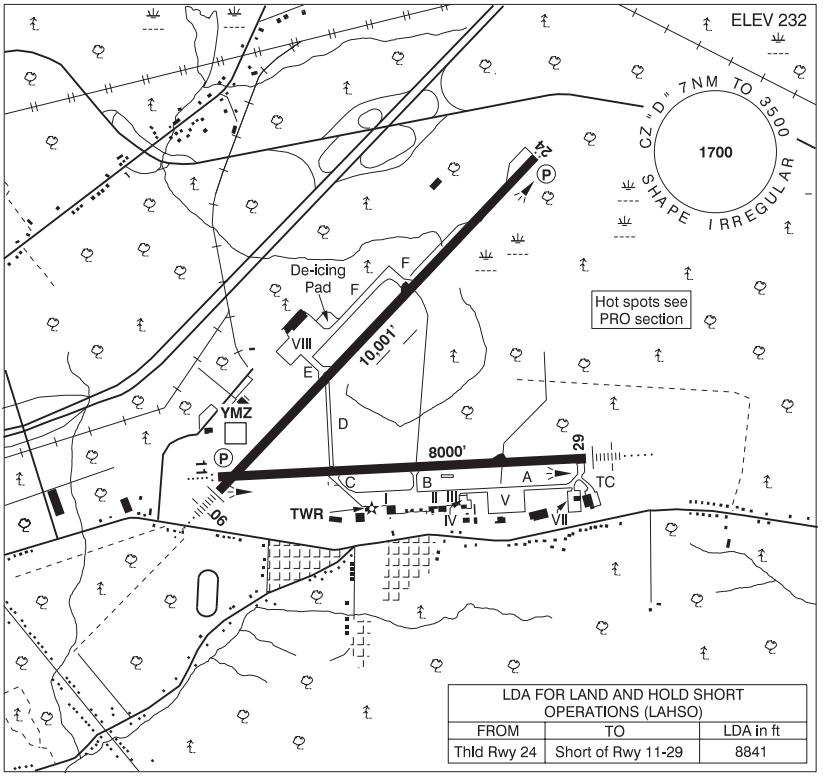


MONCTON VFR TERMINAL PROCEDURES CHART - TRAINING AREAS
MONCTON FLIGHT COLLEGE - WEST PORTION



MONCTON NB — See MONCTON / GREATER MONCTON ROMÉO LEBLANC INTL

MONCTON / GREATER MONCTON ROMÉO LEBLANC INTL NB CYQM



REF	N46 06 58 W64 40 43 4ENE 18°W (2013) UTC-4(3) Elev 232´ A5003 LO8 HI6 T2 CAP OC
OPR	Greater Moncton International Airport Authority Inc 506-856-5444 0845-0415‡ O/T 2 hr PN call out charge Cert
PF	A-1,2,6 C-3,4,5
CUST	AOE/300 888-226-7277 12-04Z‡
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z

MONCTON / GREATER MONCTON ROMÉO LEBLANC INTL NB (Cont'd) CYQM

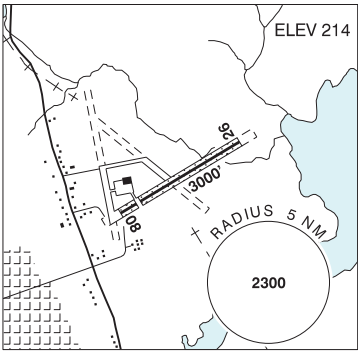
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (FSII avbl) PN ASIG 506-857-9140
OIL	All
S	1,2
ARFF	DESIGNATED CAT 6 (CAT 7 2 hr PN) 0845-0415‡ O/T 2 hr PN call out chg.
SUP FL	O & D-ice
JASU	(Hobart 1400 amp 30-40 volts), Elect Start 10/25, GTC/GTE-85 & NC-10A/A1/B/C
PVT ADV	Shell Aerocentre 122.15, ATS 131.75 Moncton Flight College 123.5 (Ltd hrs) Air Canada gnd hldg 130.37 506-857-1065 Skylink Express 131.37, ltd hangarage avbl
MIL CON	Airport Terminal Services Atlantic Canada Co. (Shell) 506-857-0942
RWY DATA	Rwy 06(061°)/24(241°) 10,001x200 ASPH Rwy 11(106°)/29(286°) 8000x200 ASPH RESA: All Rwys 492'
RWY CERT	Rwy 06 RVR 1200(1/4sm)/Rwy 24 RVR 1200(1/4sm) AGN V Rwy 11 RVR 1200(1/4sm)/Rwy 29 RVR 1200(1/4sm) AGN V
TWY CERT	Twy: A, B, C, D AGN IV
APRON	Acft manoeuvring on apron VIII must maintain a listening watch & are to broadcast their movement intentions on Apron VIII Advisory 122.075. Itinerant acft wishing to use Apron VIII ctc Airport Security 506-856-5429 - 2 hr PN. Apron IV (Moncton Flight College) restricted to acft 8,000 lbs or less.
RCR	Opr 506-850-8430 11-19Z‡ Mon-Fri exc hols O/T 2 hrs PN, call out charge. CRFI/RSC, PLR/PCN
LIGHTING	06-AN(TE HI), 24-AS(TE HI) P3 3.1°, 11-AO(TE HI) P3 3.1°, 29-AN(TE HI)
COMM	
RCO	London rdo 122.5 (FISE) 126.7 (bcst)
ATIS	128.65
APRON ADV	Apron VIII 122.075
GND	121.8 275.8
TWR	120.8 236.6 (E) (emerg only 506-867-7220)
ARR	124.4
DEP	124.4
PAL	124.4 127.125 132.2
NAV	
DME	YMZ 117.0 Ch 117 N46 06 33 W64 41 33 (233')
ILS	IQM 109.3 (Rwy 29) RVR LOC reliable only within 10° either side of centreline; IFG 109.7 (Rwy 06) RVR LOC reliable only within 10° either side of centreline.
PRO	De-icing apron VIII - Prior to pushback, broadcast intentions & monitor all movements on Apron Advisory 122.075. Proceed to de-icing pad. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
CAUTION	Training areas around CZ, see Moncton VTPC - Training areas.

MONCTON CENTRE (emerg only 506-867-7173) CZQM

124.4 **124.4** 127.125 **127.125** 132.2 **132.2**
132.7 **133.875** (FL 290 & above) 294.5
Caledonia Mtn 132.5
Charlo 134.25
Charlottetown 135.65
Churchill Falls **132.95** (FL 290 & above)
Fredericton 124.3 135.5 270.8
Grindstone **132.8** (FL 290 & above) 134.35
Halifax **133.95** (FL 290 & above) 135.3
Miramichi 123.7
Natashquan **118.875** **124.975** (FL 290 & above) **132.525**
Port Hawkesbury 135.1 **135.1** (Below FL 290)
Saint John 124.3 135.5 270.8
Sept-Îles **126.325** **133.35** **368.5** (FL 290 & above)
Stephenville **133.55** **135.775** (FL 290 & above)
Sydney 118.6 **125.25** **132.75** **133.3** **133.7** (FL 290 & above) 266.3
Trenton 135.3 135.65
Yarmouth 123.9 **128.375** **132.975** **135.2** 368.5

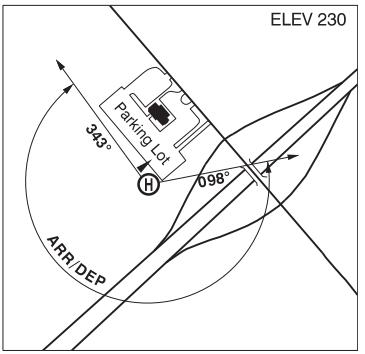
MONCTON / McEWEN NB CCG4

REF	N46 09 14 W64 46 07 Adj 3N 18°W (2015) UTC-4(3) Elev 214´ A5003
OPR	Maritime Airways 506-389-9088 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 08/26 3000x80 ASPH/GRASS, centre 35´ ASPH Thld 08 displ 395´.
RCR	Opr Ltd win maint
LIGHTING	08-(TE LO), 26-(TE LO)
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3200 ASL excluding that portion in the Moncton CZ.
PRO	Rgt hand circuit Rwy 26 (CAR 602.96). IFR dep clnc ctc Moncton gnd 121.8
CAUTION	Parajump activity to 12,500 ASL. Ctc Moncton twr for current info. Grass area of rwy soft when wet. Training areas around A/D, see Moncton VTPC - Training areas. Blasting ops aprx 4NM WNW of A/D Mon-Fri (N46 09 42 W64 52 38 to N46 10 00 W64 51 14 to N46 10 08 W64 51 18 to N46 10 20 W64 51 49 to N46 09 53 W64 52 42 to N46 09 42 W64 52 38) sfc up to 820 ASL.

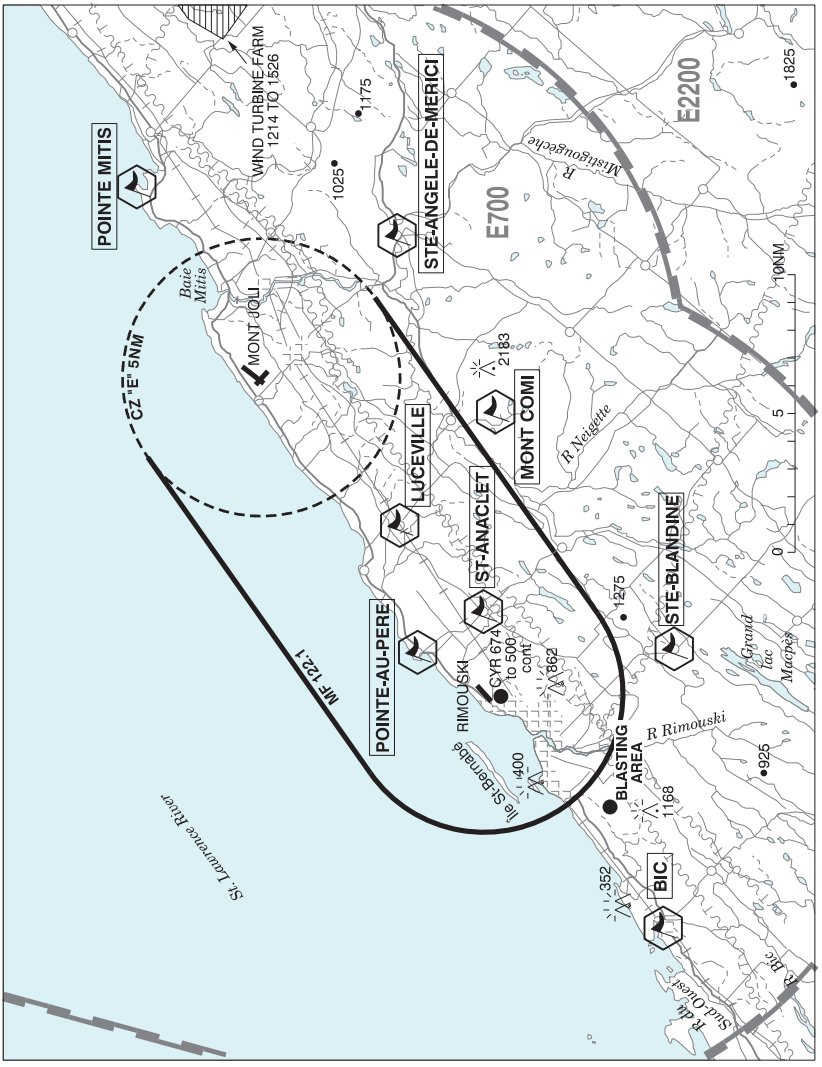


MONCTON / SALISBURY NB (Heli) CDB5

REF	N46 02 58 W65 03 45 1.5NW 18°W (2015) UTC-4(3) Elev 230´ A5003
OPR	Irving Oil Ltd 506-202-1121 Reg
PF	B-1,2 D-3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	80´x 80´ GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3200 ASL
PRO	Arr/dep btwn 098° & 343° fr heli.
CAUTION	Training areas around heliport, see Moncton VTPC - Training areas. Unmarked fur farm 2NM S of helipad, within the published arr/dep path.



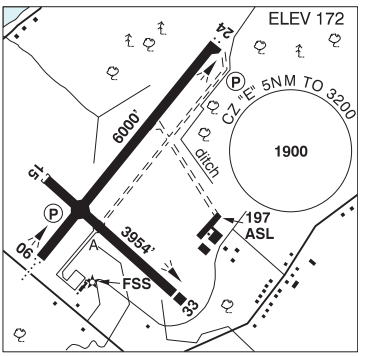
MONT-JOLI - RIMOUSKI VFR TERMINAL PROCEDURES CHART



MONT-JOLI - RIMOUSKI VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BIC	VCBIC	N48° 22' 18" W068° 42' 24"
LUCEVILLE	VCLCV	N48° 31' 44" W068° 20' 37"
MONT COMI	VCCMS	N48° 27' 55" W068° 12' 31"
POINTE MITIS	VCMIT	N48° 40' 50" W068° 02' 08"
POINTE-AU-PERE	VCPAP	N48° 30' 38" W068° 27' 34"
ST-ANACLET	VCANA	N48° 28' 38" W068° 25' 26"
STE-ANGELE-DE-MERICI	VCMRC	N48° 31' 31" W068° 04' 51"
STE-BLANDINE	VCSBD	N48° 21' 41" W068° 27' 39"

MONT-JOLI QC CYYY



REF	N48 36 32 W68 12 29 1.5NNW 18°W (2012) UTC-5(4) Elev 172´ A5010 LO7 HI6 CAP
OPR	Régie Intermunicipale 418-775-3347 Emerg 418-318-5740 1130-2330Z‡ Mon-Wed, 1130-0100Z‡ Thu, 1130-2400Z‡ Fri, 1230-2100Z‡ Sat, 1400-2230Z‡ Sun exc hols, O/T 2 hr PN, call out chg. Cert Ldg fees, tml fees.
PF	A-1,2,3,6,7,8
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z.
SERVICES	418-775-4020
FUEL	100LL, JA Avjet 418-775-4020 12-22Z‡ Mon-Fri, 13-22Z‡ Sat-Sun O/T call out chg.
OIL	All
S	4,5,6
SUP FL	D-Ice Type 1 & 4, 12-22Z‡ Mon-Fri, 13-22Z‡ Sat-Sun, call out chg.
RWY DATA	Rwy 06(057°)/24(237°) 6000x150 ASPH. Rwy 06 down 0.38%. Rwy 15(150°)/33(330°) 3954x150 ASPH. Rwy 15 up 1.03% Thld 33 displ 230´.
RWY CERT	Rwy 06 RVR 2600(1/2sm)/Rwy 24 RVR 2600(1/2sm) AGN IV Rwy 15 RVR 2600(1/2sm)/Rwy 33 RVR 2600(1/2sm) AGN IIIA
RCR	Opr CRFI Win maint 1230-2300Z‡ Mon, 1130-2400Z‡ Tue, 1230-2400Z‡ Wed, 1130-0200Z‡ Thu, 1230-0100Z‡ Fri, no ops (PPR only) Sat, 1500-2230Z‡ Sun, exc hols Nov 15-Apr 15, O/T 2 hrs PPR 418-732-8231, call out chg. Rwy 15/33 clsd fr Nov 1 to May 1, avbl as twy btn Rwy 06/24 and Twy A.
LIGHTING	06-AO(TE HI) P2, 24-AS(TE HI) P2, 15-(TE ME), 33-(TE ME)
COMM	(bil)
RADIO	122.1 PTC avbl (V) (emerg only 418-775-0055)
RCO	Québec 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.1 5NM joined to Rimouski MF circle by a corridor equal to the width of their diameter 3200 ASL, see Mont-Joli - Rimouski VTPC. (CAR 602.98)
PAL	Montréal Ctr 134.65 227.2

MONT-JOLI QC (Cont'd) CYYY

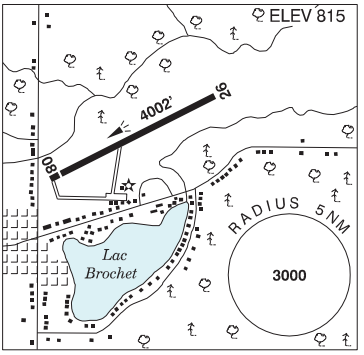
NAV	
DME	YYY 115.9 Ch 106 N48 36 44 W68 12 32 (168´)
LOC	IYY 109.7 (Rwy 06) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 24 (CAR 602.96).
CAUTION	Paramotors activities between St-Fabien, Rimouski, Mont-Joli and Matane, sfc up to 500 ASL ocsl 1200 ASL. Ultra-light activities 2.0NM SW, max alt 700 ASL. Extv migratory bird activity in vic of A/D Sep 21 - Nov 21.

MONT-JOLI FSS – RCO

Baie-Comeau 118.3 (RAAS) (N49 08 W68 12)
Gaspé 122.3 (RAAS) (N48 47 W64 29)
Îles-de-la-Madeleine 123.15 (RAAS) 0330-10Z‡ (N47 22 W61 54)
Lourdes-de-Blanc-Sablon 122.0 (RAAS) (N51 27 W57 11)

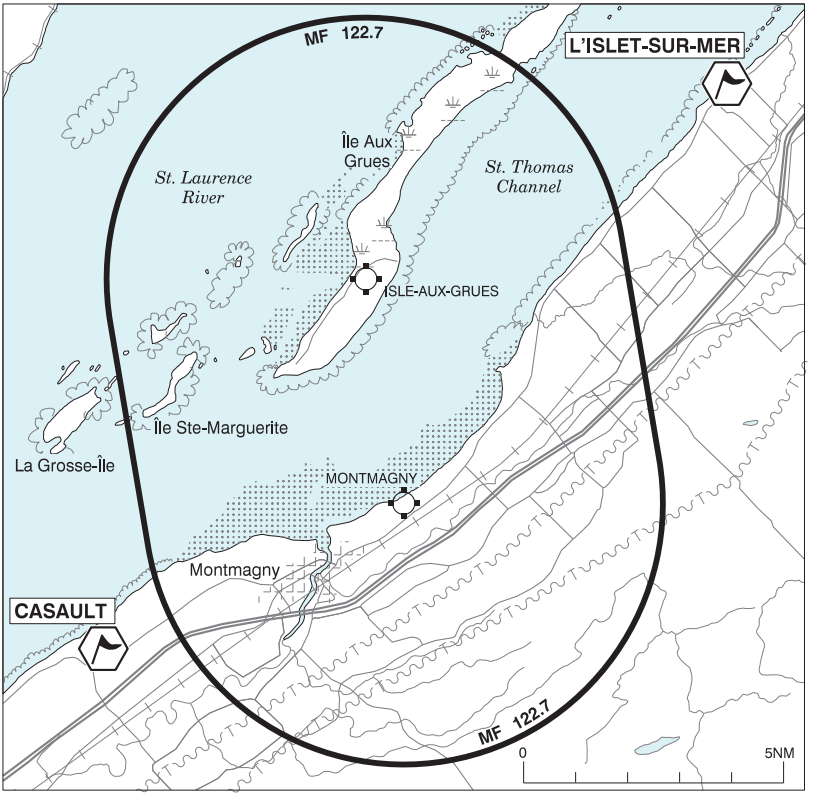
MONT-LAURIER QC CSD4

REF	N46 33 53 W75 34 34 3W 14°W (2013) UTC-5(4) Elev 815´ A5000 A5002 LO6 LO7 CAP
OPR	Association des Pilotes et Propriétaires d'aéronefs 819-623-5475 Reg
PF	A-1,2 C-3,4,5,6,7,8
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO (see COMM) WxCam



SERVICES	13-22Z‡ O/T ctc opr
FUEL	100LL, JA-1 (FSII avbl)
OIL	15W50
S	1,2,4,5,6
RWY DATA	Rwy 08(077°)/26(257°) 4002x75 ASPH Thld 08 displ 197´ AGN IIIA
RCR	Opr Expect delays for snow removal.
LIGHTING	08-(TE ME), 26-(TE ME) (no setting to ME) ARCAL-122.8 type J
COMM	
RCO	(bil) Québec rdo (Mont-Laurier) 123.475 (FISE)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL
PAL	(bil) Montréal Ctr 126.575
AUTO	129.075 (English) 123.425 (French)
CAUTION	Possibility of deer on rwy.

MONTMAGNY / ISLE-AUX-GRUES VFR TERMINAL PROCEDURES CHART

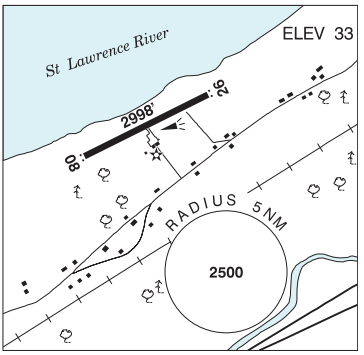


NAME	IDENT	LAT/LONG
CASAULT	VCCAS	N46° 57' 04" W070° 39' 34"
L'ISLET-SUR-MER	VCISM	N47° 07' 43" W070° 22' 16"

MONTMAGNY QC

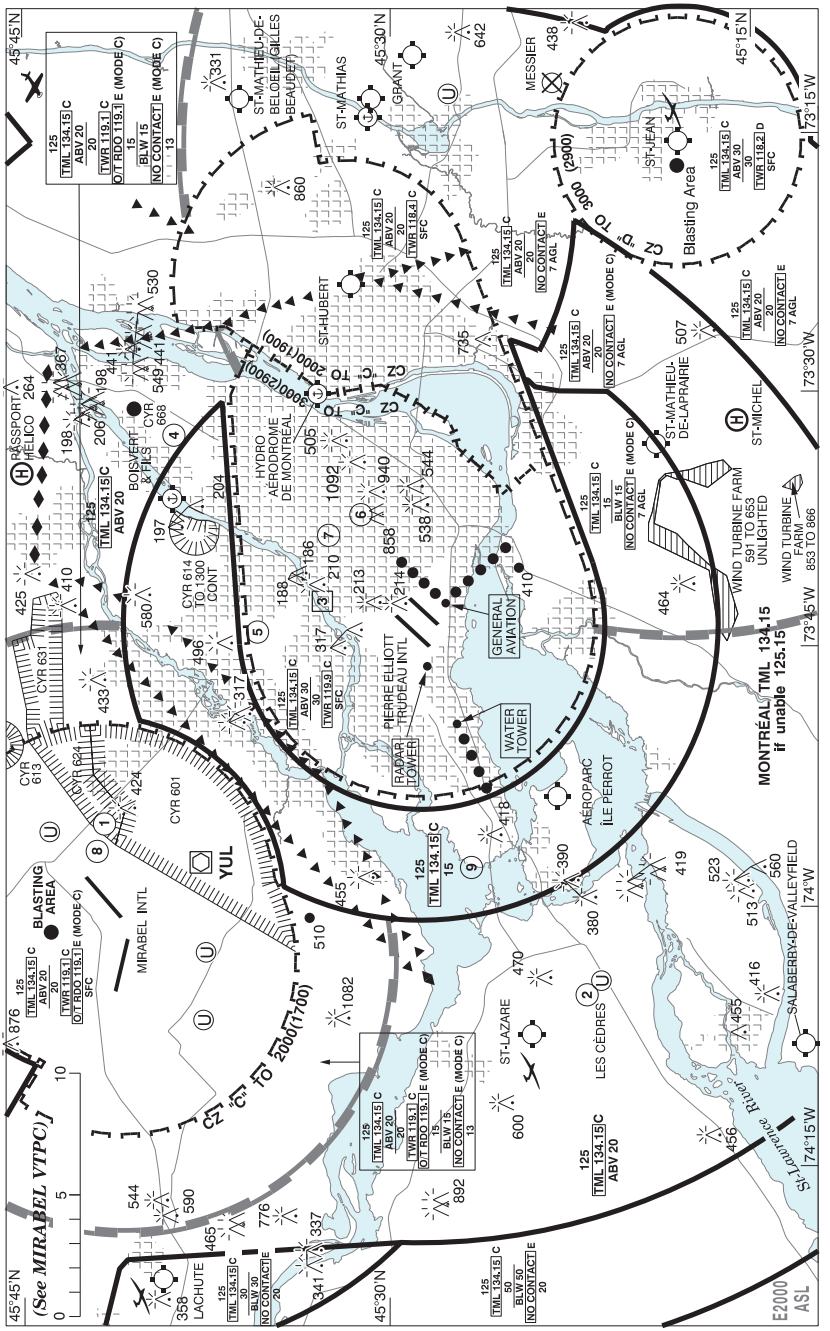
CSE5

REF	N47 00 07 W70 30 57 1.7NE 17°W (2013) UTC-5(4) Elev 33´ A5002 LO7 LO8
OPR	Transports Québec 418-248-7423 or 418-931-9317 Cert
PF	A-1 B-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	Air Montmagny 418-248-3545 13-20Z‡ Mon-Fri O/T 1 hr PN call out chg 100LL 1,4,5,6

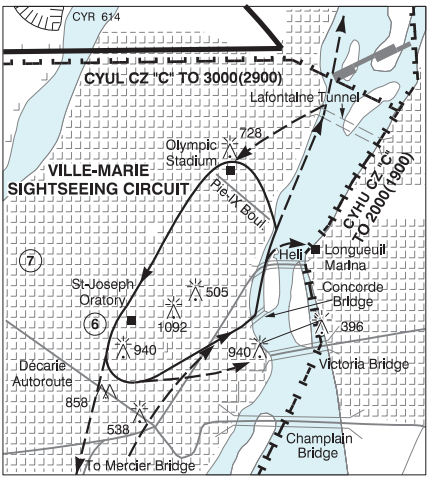


RWY DATA **RWY CERT** **RCR**	Rwy 08(076°)/26(256°) 2998x75 ASPH Rwy 08/26 AGN I Opr 1200-2230Z‡ CRFI (avbl winter only) PLR/PCN
LIGHTING	08-AS(TE ME), 26-AS(TE ME) ARCAL-122.7 type K
COMM **MF**	(bil) UNICOM ltd hrs O/T tfc 122.7 5NM joined to Isle-aux-Grues MF circle by a corridor equal to the width of their diameter 2000 ASL (CAR 602.98), see MONTMAGNY / ISLE-AUX-GRUES VTPC.
PRO	Rgt hand circuits Rwy 08 (CAR 602.96). **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	Extv bird activity Apr-Oct. Lighted twr 439 ASL 2.9NM SW of Thld 08. Lgtd twr 403 ASL 2.5NM NE of Thld 26. Ocsl blasting 4NM SW of A/D. Hunting activity in vic of aprt Apr-May and Sep-Oct. Possible wildlife on rwy in winter.

MONTRÉAL VFR TERMINAL PROCEDURES CHART



MONTRÉAL VFR TERMINAL PROCEDURES CHART (Cont'd)



HELIPORTS

1 MONTRÉAL (BELL)
2 MONTRÉAL / LES CÈDRES
3 MONTRÉAL (SACRÉ-COEUR)
4 MONTRÉAL EAST (AIM)
5 MONTRÉAL / LAVAL (ARTOPEX PLUS)
6 MONTRÉAL / KRUGER
7 MONTRÉAL / POINT ZERO
8 MONTRÉAL / MIRABEL HÉLICO
9 MONTRÉAL / HELIPORT SENNEVILLE

VFR FLIGHT PROCEDURES

ARRIVAL: Arriving aircraft should establish contact 5NM prior to entering class "C" airspace.
DEPARTURE: Departing aircraft should advise twr of intentions to operate in class "C" airspace prior to taxi.

VFR ROUTE DESCRIPTIONS:
ROUTE ALPHA: (Terrebonne/Oka)
Southwestbound: fr Terrebonne north of Hwy 640 then following the north shore until Oka.
Northeastbound: fr Oka to the south shore of the Mille Îles River (Laval) then to Terrebonne North of Hwy 640.
ROUTE BRAVO: (Terrebonne/St-Hubert)
Northbound: fr St-Hubert aprt to Repentigny then westbound to Terrebonne north of Hwy 640.
Southbound: fr Terrebonne north of Hwy 640 to Repentigny to VARENNES QUARRY to IREQ then to the aprt.

VFR FLIGHTS IN MONTRÉAL/TRUDEAU, MONTRÉAL/ST-HUBERT, MONTRÉAL/MIRABEL AND MONTRÉAL TERMINAL CLASS C AIRSPACE

In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a procedure is available allowing VFR aircraft to obtain a transponder code prior to take off. This mandatory procedure applies to VFR aircraft that did not file a flight plan or flight itinerary with Nav Canada and wishing to penetrate or operate in the Montréal/Trudeau, Montréal/St-Hubert, Montréal/Mirabel and Montréal Terminal Class C Airspace. All acft not respecting mandatory transponder code procedure will not be accepted in Montréal/Trudeau, Montréal/St-Hubert, Montréal/Mirabel and Montréal Terminal Class C Airspace.

To obtain a transponder code:
A discrete transponder code shall be obtained at least 30 minutes prior to the flight taking off toward Montréal/Trudeau, Montréal/St-Hubert, Montréal/Mirabel or Montréal Terminal Class C Airspace, by contacting the Montréal ACC at 877-YUL-CODE (877-985-2633) and providing ATC with flight information. For any destination other than the Ville-Marie sightseeing circuit in the Montréal/Trudeau control zone, aircraft departing CYJN, CYHU or CYMX will obtain their transponder code from the Control Tower or FSS.

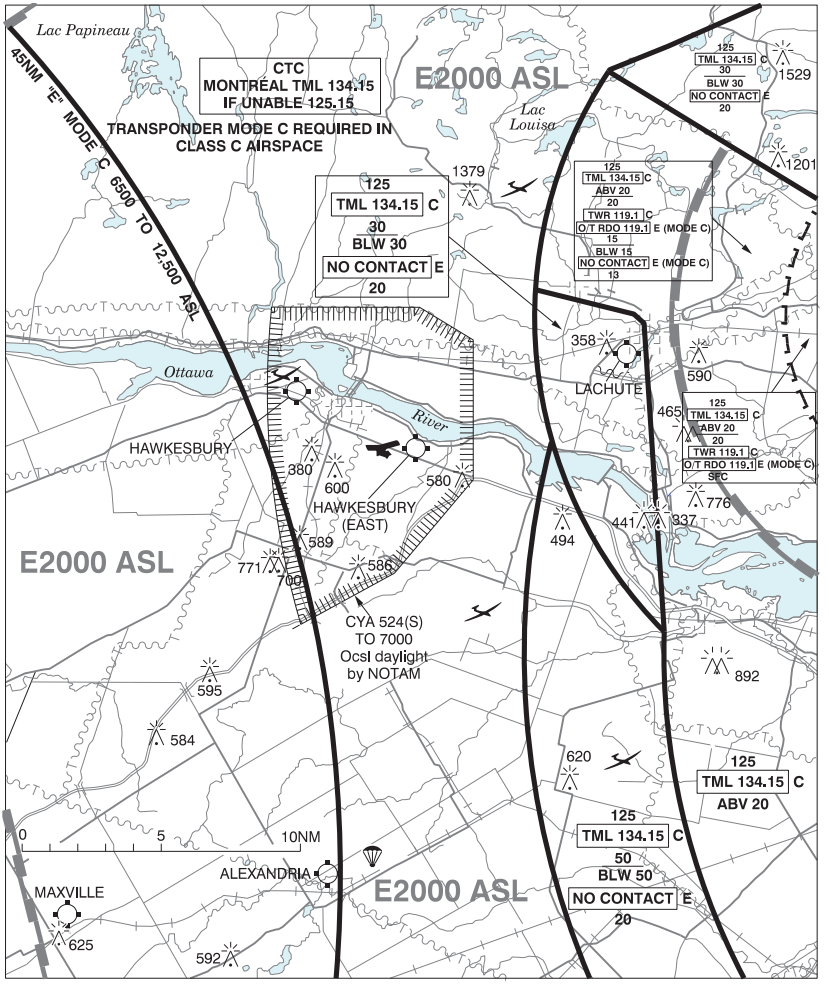
Flight procedure:
1. Set your transponder to the assigned code prior to your first communication with ATC.
2. Ctc ATC at least 5NM prior to entering Montréal/Trudeau, Montréal/St-Hubert, Montréal/Mirabel and Montréal Terminal Class C Airspace.

MONTRÉAL VFR TERMINAL PROCEDURES CHART (Cont'd)

MONTRÉAL CLASS G AIRSPACE

To standardize the use of frequencies in uncontrolled airspace (Class G) within the Montréal area, it is recommended that you broadcast intentions & monitor, if possible, the appropriate common frequency. It is suggested that landing lights be turned on. Refer to section *Planning – Areas with Discrete Air-to-Air Frequencies – Montréal Common Frequency Areas*.

MONTRÉAL VFR TERMINAL PROCEDURES CHART - GLIDER OPERATIONS



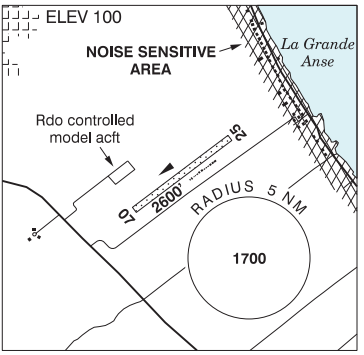
GLIDER OPERATIONS

Glider ops will occur fr April 15 to Dec 1, fr the surface up to below 5000 ASL.

MONTRÉAL / AÉROPARC ÎLE PERROT QC

CSP6

REF	N45 22 34 W73 54 26 1.2SE 15°W UTC-5(4) Elev 100´ VTA A5002
OPR	Paul Fréchette 514-953-2203 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(067°)/25(247°) 2600x60 GRASS/SNOW Opr Ltd win maint

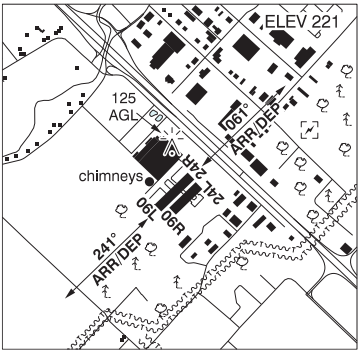


COMM TWR ATF VFR ADV	 Montréal 119.9 (CZ bdry at less than 2NM NE of Thld 25) tfc 123.2 2NM outside class C airspace Montréal Tml 134.15
PRO	Rwy 25 preferential for take-off, Rwy 07 preferential for ldg. Touch & go not permitted. Rgt hand circuits Rwy 07 (CAR 602.96).
CAUTION	**Rwy:** Rough rwy. Rwy soft when wet. **Model acft:** Rdo controlled model acft adj NW. **P-line:** Cross apch to Rwy 07 unmarked. **Wildlife:** Cultivated fields at both ends of rwy, extv bird activity Apr-Oct.

MONTRÉAL (BELL) QC (Heli)

CSW5

REF	N45 41 06 W73 55 52 15°W (2013) UTC-5(4) Elev 221´ VTA A5002
OPR	Bell Helicopter Textron 450-437-8039 Reg PPR
PF	A-1 C-2,3,4
FLT PLN FIC ACC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) 514-633-3211
SERVICES ARFF	 CAT 3

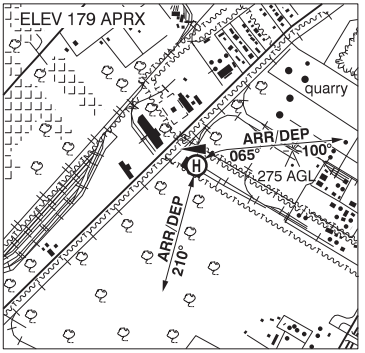


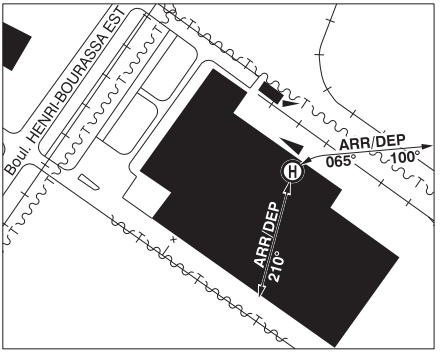
HELI DATA	FATO/TLOF 06L(061°)/24R(241°) 1000' x 100' ASPH Day use only FATO/TLOF 06R(061°)/24L(241°) 800' x 100' ASPH Day use only FATO/TLOF 92' x 92' ASPH Safety area 100' x 100' Day use only Max heli overall length 61'
LIGHTING	FH (apron)
COMM RADIO TWR A/G	(bil) Mirabel 119.1 (E) 03-11Z‡ Mirabel 119.1 (E) 11-03Z‡ Tour de Bell 130.25 382.6 1200-2230Z‡

MONTRÉAL (BELL) QC (Heli) (Cont'd) CSW5

PRO	White X markings affixed to lengthened FATOs are used as target point for autorotation maneuvers. Clnc rqrd to penetrate in CYR601, CYR624 and CYR631. See Montreal Intl (Mirabel) VTPC.
CAUTION	Double set high voltage P-lines aprx 1550' S and SE of heli aprx 410 ASL (190 AGL). Southern P-line marked. Two lgtd roof-top antennas on main bldg aprx 346 ASL (125 AGL).

MONTRÉAL EAST (AIM) QC (Heli) CSH9

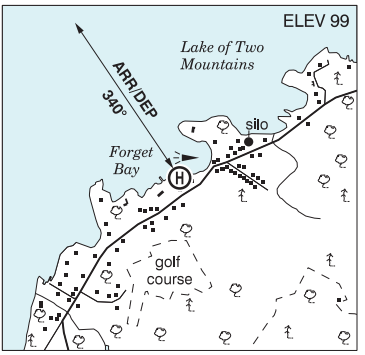




REF	N45 38 09 W73 33 44 15°W (2014) UTC-5(4) Elev 179´ aprx VTA
OPR	American Iron & Metal GP Inc 514-494-2000 Cert PPR Heli clsd fr Nov 1-Apr 1
PF	B-1,4 C-3,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 64' dia wood rooftop Safety Area 100' x 100' 5,000 lbs Max heli overall length 43'
RCR	Opr Ltd win maint
COMM	
TWR	Montréal 119.9
ATF	tfc 123.2 5NM outside Montréal CZ1300´ & outside TCA 2000´
TML	Montréal 134.15
PRO	Arr/dep 210°fr heli (H3), day use only. Arr/dep 065° to 100°fr heli curved (H3), day use only.
CAUTION	Unmarked P-Lines along E and N ends of heli aprx 200' fr pad aprx 250 AGL. Marked smoke stack aprx 500' SE heli aprx 250 AGL. Mobile and fixed crane activity aprx 500' to 1000' fr heli max 200 AGL. Ctc opr for slope info.

MONTRÉAL / HELIPORT SENNEVILLE QC (Heli) CHS5

REF	N45 26 34 W73 57 38 Adj 14°W (2015) UTC-5(4) Elev 99' VTA A5002
OPR	Richard Touchette 514-944-6565 Reg PPR
PF	C1
FLT PLN **FIC**	Quebec 866-GOMETEO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 64' dia GRASS Safety Area 82' dia Max heli overall length 40'

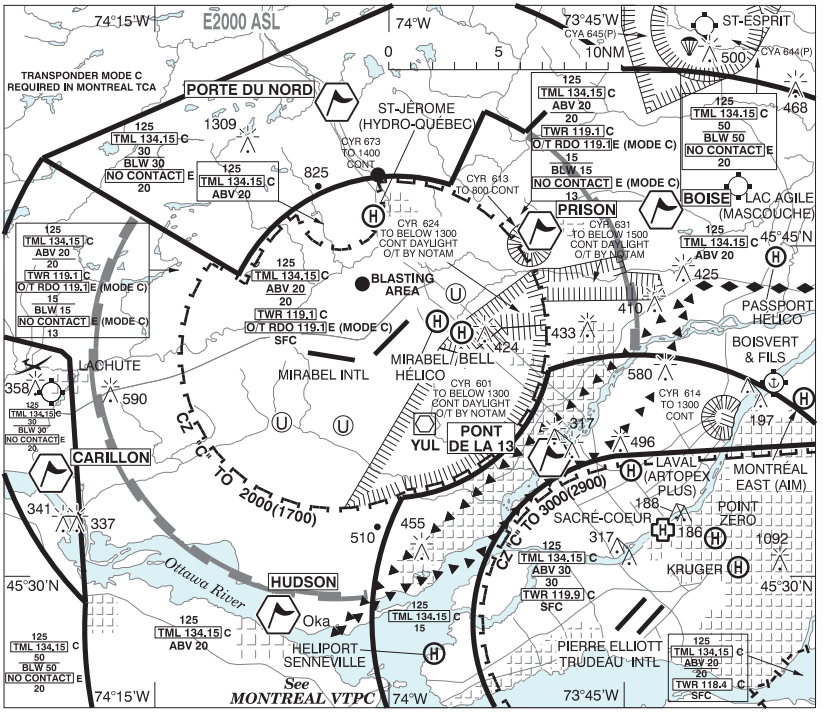


COMM	(bil)
TWR	Montréal 119.9 (CZ bdry at less than 2.3NM NE of heli)
ATF	tfc 123.2 2.3NM outside class C airspace
VFR ADV	Montréal Tml 134.15
PRO	Arr/dep 340° fr heli, day use only.

MONTRÉAL CENTRE (emerg only 514-633-3365) CZUL

118.9 **118.9** 120.42 **120.42** (Below FL230) 124.65 **124.65** (Below FL240) 125.15 **125.15** (Below FL290) 126.9 **126.9** & 132.85 **132.85** (Below FL240) 134.15 **134.15** (Below FL290) 134.4 **134.4** (Below FL290) **135.6** (FL290 & above) 245.0 **245.0** (Below FL290) 268.3 **268.3** (Below FL240) **287.2** (FL290 & above) 294.0 **294.0** (Below FL290)
Brevoort 132.025 **132.025** (below FL290) 0730-2330Z‡ O/T Gander Centre Clnc Del **134.85** (FL290 & above)
Brisay **119.4 & 134.325** (FL290 & above) 132.775 **132.775** (Below FL290)
Brockville Regional Tackaberry Aprt 134.675 **134.675** (Below FL240)
Campbellford 135.05 **135.05** (Below FL240)
Chibougamau 127.3 **127.3** (Below FL290) **133.025 & 253.2** (FL290 & above)
Chisasibi **132.325** (FL290 & above)
Gaspé 134.175 **134.175** (Below FL290)
Inukjuak 119.15 **119.15** (Below FL290) **132.675** (FL290 & above)
Iqaluit **132.8** (FL290 & above) 134.55 **134.55** (Below FL290)
Kapuskasing **133.975** (FL290 & above)
Kuujjuaq **132.45 & 133.2** (FL290 & above) **134.2** (FL290 & above) 0730-2330Z‡ O/T Gander Centre 135.1 **135.1** (Below FL290) **135.8** (FL290 & above)
La Grande Rivière (LG-2) 132.1 **132.1** (Below FL290) **133.775** (FL290 & above)
La Tuque 134.5 **134.5** (Below FL290)
Lac Levesque **134.225** (FL290 & above)
Mont-Joli **132.625** (FL290 & above) 134.65 **134.65 &** 227.2 **227.2** (Below FL290)
Mont-Laurier 126.575 **126.575** (Below FL290) **127.875** (FL290 & above)
Mont-Tremblant 133.9 (15,000 & below)
Moosonee **118.975** (FL290 & above)
Natashquan 134.825 **134.825** (Below FL290)
Ottawa 124.275 **124.275** (Below FL290) 127.7 **127.7** (Below FL290) 128.175 (Below 14,000) 128.775 **128.775** (Below FL240) 134.975 **134.975** (Below FL290) 135.15 (Below 14,000) 266.8 **266.8** (Below FL290)
Pembroke 135.2 **135.2** (Below FL240)
Puvirnituq 132.275 **132.275** (Below FL290) **134.725** (FL290 & above)
Quaqtaq 128.25 **128.25** (Below FL290) **134.8** (FL290 & above)
Québec 124.0 & **127.85** (Below 14,000) 135.025 **135.025** & 270.9 **270.9** (Below FL290) 322.8 (Below 14,000)
Rivière-du-Loup 125.1 **125.1** & 299.6 **299.6** (Below FL290)
Rouyn **120.725** (FL290 & above)
St-Adrien **123.925** (FL290 & above) 132.35 **132.35** (Below FL290) **133.225** (FL290 & above)
Schefferville 132.9 **132.9** (Below FL290) 312.7 **312.7** (Below FL290)
Sept-Îles 135.55 **135.55** & 381.9 **381.9** (Below FL290)
Sherbrooke 132.55 **132.55** (Below FL290)
Timmins **133.975** (FL290 & above)
Trois-Rivières 128.225 **128.225** (Below FL290)
Val-d'Or 125.9 **125.9** & 308.3 **308.3** (Below FL290)
Wabush 132.25 **132.25** (Below FL290)

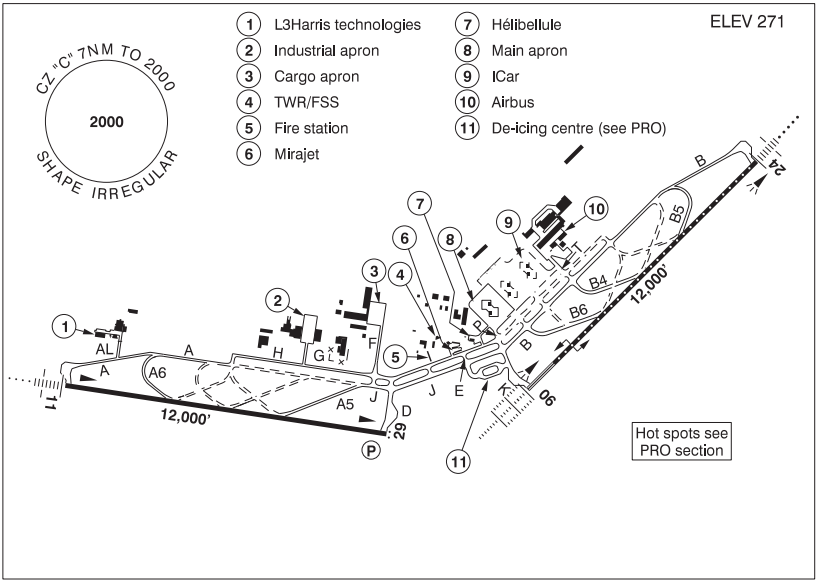
MONTRÉAL INTL (MIRABEL) VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BOISE	VCBOI	N45° 46' 11" W073° 42' 59"
CARILLON	VCCAR	N45° 34' 05" W074° 23' 01"
HUDSON	VCHYC	N45° 27' 45" W074° 08' 25"
PONT DE LA 13	VCPDT	N45° 34' 59" W073° 50' 24"
PORTE DU NORD	VCPDN	N45° 50' 31" W074° 04' 09"
PRISON	VCARC	N45° 45' 00" W073° 51' 25"

MONTRÉAL INTL (MIRABEL) QC

CYMX



REF	N45 40 47 W74 02 19 21NW 15°W UTC-5(4) Elev 271' VTA A5002 LO6 LO7 LO8 HI5 T2 CAP OC
OPR	Aéroports de Montréal 514-633-3223 H24 Cert Ldg fees
PF	C-1,2,3,5,6 D-4
CUST	AOE/15 13-01Z‡ PAX and crew only Hélibellule FBO 24 hrs PN 450-476-1000 Fax 450-476-1002 cargo 13-22Z‡ Mon-Fri (exc hols) 450-476-3168.
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353. All Flt Plns, IFR tng flts PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	
FUEL	JA-1, 100LL. JA-1 avbl with Swissport Canada Fuel Services Inc 514-601-8403 or Hélibellule FBO. 100LL avbl with Hélibellule FBO.
S	2
SUP FL	D & A-ice 122.25 Sun from 07Z‡, avbl O/R only 1 hr PN
MIL ADV	Tran acft to L3Harris Technologies Inc. ctc svcg (123.25)
PVT ADV	Aeromag 2000 122.25 450-476-1850 Hélibellule FBO 122.325 450-476-1000 12-22Z‡ Mon-Fri, 13-22Z‡ Sat-Sun. O/T call out chg.
MIL CON	Avjet Holding Inc. 514-212-5964

MONTRÉAL INTL (MIRABEL) QC (Cont'd) CYMX

RWY DATA	Rwy 06(060°)/24(240°) 12,000x200 CONC Rwy 11(113º)/29(293º) 12,000x200 CONC Rwy 29 down 0.65% first 3412' RAG: Rwy 06/24 (Thld 06) BAK 12 (1358'). NOTAM issued when cable is up. Cable availability 12-21Z‡ Mon-Fri (exc hols). 24 hrs PN. Fees applicable, 450-476-4490 or 514-883-6989. All acft requiring cable 2 hrs PN to L3Harris Technologies Inc. 450-476-4455.
RWY CERT	Rwy 06 RVR 600/Rwy 24 RVR 1200(1/4sm) AGN V Rwy 11/29 AGN V
TWY	All twys are 23m with 13m shoulders. Twy AL, G, P & T: Uncontrolled
APRON	Main & Cargo Aprons: Uncontrolled; broadcast intention on 122.4 before maneuvering. Apron Airbus, Mirajet, Helibellule, L3Harris Technologies: Pvt
RCR	Opr 07-17Z‡ Mon-Fri, 08-17Z‡ Sat-Sun. CRFI O/T call out chg.
LIGHTING	06-AL(TE HI CL TDZL), 24-AN(TE HI CL), 11-AN(TE HI), 29-AS(TE HI) P3
COMM	(bil)
RADIO	Mirabel 119.1 (E) 03-11Z‡ (emerg only 450-476-3141)
ATIS	(English) 125.7 450-476-3031; (French) 126.1 450-476-3095
APRON ADV	tfc 122.4
GND	121.8 11-03Z‡
GND ADV	121.8 PTC avbl 03-11Z‡ (emerg only 450-476-3141)
TWR	119.1 (E) 11-03Z‡ (emerg only 450-476-3141)
MF	rdo 119.1 03-11Z‡ (emerg only 450-476-3141) Shape irregular (see Mirabel VTPC) 7 NM 2000 ASL and fr 7-11NM btwn 1500-2000 ASL (CAR 602.98)
ARR	Montréal 124.65 268.3
DEP	Montréal 124.65 268.3
VFR ADV	Montréal 134.15
NAV	
ILS	IKP 111.3 (Rwy 06) RVR LOC reliable only within 10° either side of centreline; IIT 111.7 (Rwy 24) RVR LOC reliable only within 10° either side of centreline.

MONTRÉAL INTL (MIRABEL) QC (Cont'd) CYMX

PRO

CZ and Terminal Control Areas Class C when TWR in operation O/T Class E.

Transponder Mode C rqrd within Class E CZ, within Class E Terminal Control Areas and within Transition Areas - See MONTRÉAL INTL (MIRABEL) VFR TERMINAL PROCEDURES CHART.

Right hand circuits Rwys 24 and 11 (CAR 602.96)

In accordance with CAR 602.96(3)(d), the pilot in command of an aircraft taxiing for departure during ILS CAT II ops shall not taxi further than the ILS CAT II holding point without a valid ATC IFR clearance.

The Minister has authorized specific operating restrictions regarding communications intended for the MF, as well as the introduction of a Ground Advisory frequency (GND ADV) pursuant to CARs 602.97 (2), 602.98 (1) and 602.99.

Departure procedure: Prior to taxi for departure; contact GROUND ADV on 121.8 for clearance and initial advisory information. After receiving initial advisory information, GND ADV will initiate communication transfer to RADIO on 119.1 prior to entering the runway/departure surface. Pilots are required to ascertain that there is no likelihood of collision with another aircraft or a vehicle prior to departure as stated in CAR 602.96 2a) and b).

Arrival procedure: After exiting the runway/arrival surface and reporting clear on the radio frequency, pilots will be directed to contact GROUND ADV on 121.8 for ground traffic and taxiing information before entering the taxiway.

TWR and RADIO 24hrs

After landing Rwy 06, left turns on Twy B6 or B4 not authorised for jet acft 24m (79') wingspan or more.

Acft with wingspan of 65m (213') or over must park at gates 111 or 116 and de-ice at gate 116 only.

De-icing guiding lights procedure: Direction lgts panel; when red, hold posn. When green, follow direction of arrows. Prkg lgts panel; when green taxi straight ahead til turns red.

De-icing centre procedure:
1. **1 hr prior to push back**, ctc AEROMAG on 122.25 or 450-476-1850, with de-icing type.
2. **Immediately prior to push back**, check waiting time.
3. On Twys J or K, hold short of the de-icing pad and ctc AEROMAG 122.25.
4. Follow AEROMAG instructions and guidelines to the South de-icing bay and confirm **"brakes set"**, acft configured and engines at idle.
5. When de-icing is completed, **before moving acft** wait for AEROMAG instructions.
6. Exiting de-icing pad, on AEROMAG instructions, ctc Mirabel twr/rdo on 119.1.

MONTRÉAL INTL (MIRABEL) QC (Cont'd) CYMX

PRO (Cont'd)

Distance between parking centreline and obstacles:
- With lamp post on right side: 40m
- With bldg on left side: 40.5m

Low Visibility Procedures: See CAP

Airspace: Standardized use of common freq 122.1 in Class G airspace around the CZ.

Training: VFR circuits PPR 1-800-633-1353 during TWR hrs of ops.

Apron: All acft clockwise except acft with wingspan of 65m (213') and over counterclockwise to access gates 111 & 116.

Mirabel aprt is intended for scheduled cargo and gen avn. For gen avn svcs PN with Hélibellule (see PVT ADV).

Fighter aircraft only: To reduce the risk of debris ingestion for ops on Rwys 06 & 24, always use the following twys:
On departure: Twys A, H, I, K (backtrack rwy if departing Rwy 24).
On arrival: Twys K, J, F, H and A (backtrack rwy if landing Rwy 06).
For ops on Rwy 11/29 for tkof Rwy 29 always taxi via: Twy A and backtrack rwy to Thld 29.

VFR Codes: Refer to MONTRÉAL VTPC section VFR FLIGHTS IN MONTRÉAL/TRUDEAU, MONTRÉAL/ST-HUBERT, MONTRÉAL/MIRABEL AND MONTRÉAL TERMINAL CLASS C AIRSPACE.

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

CAUTION Bell Helicopter testing from 1300 to 2000 ASL above CYR601 and CYR624

MONTRÉAL / KRUGER QC (Heli) CSN2

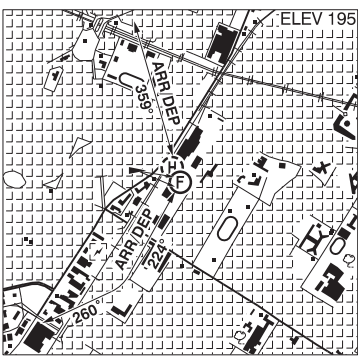
REF N45 30 25 W73 38 09 15°W (2014)
UTC-5(4) Elev 195´ VTA A5002

OPR Kruger Inc 514-737-1131 or
514-346-1288 Cert PPR

PF B-1

FLT PLN
FIC Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)

HELI DATA
FATO 64' x 64' GRASS
Safety Area 85' x 85'
Parking Pad: 52' dia ASPH
Max heli overall length 42.7'
RCR Opr

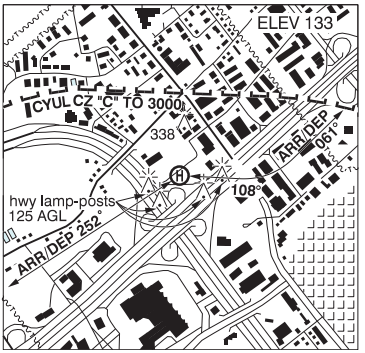


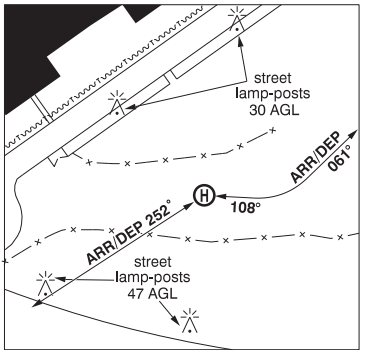
COMM
TWR Montréal 119.3 119.9

MONTRÉAL / KRUGER QC (Heli) (Cont'd) CSN2

PRO	Arr/dep curved flt path 224° to 260° fr hover area, slope 16% (H2). Arr/dep 359° fr hover area, slope 16% (H2). Parking pad located N (353°) fr hover area. (CAR 602.96) **VFR Codes**: In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633) to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Montreal Class C airspace.
CAUTION	Trees surrounding the hover area and parking pad.

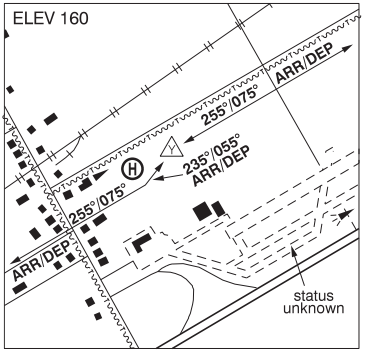
MONTRÉAL / LAVAL (ARTOPEX PLUS) QC (Heli) CLP2

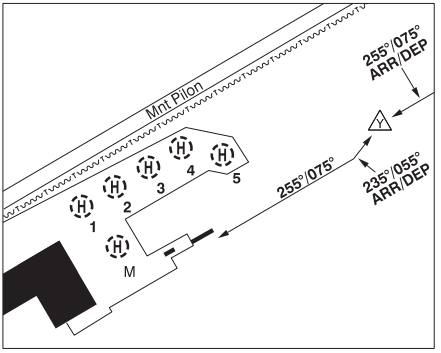




REF	N45 34 43 W73 45 00 Adj 15°W UTC-5(4) Elev 133´ VTA A5002
OPR	Groupe Pro Plus Inc 450-378-0189 FAX 450-378-4003 13-22Z‡ Mon-Fri Cert PPR
PF	C-1,2,3,4,5
FLT PLN **FIC**	 Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 62' dia ASPH/compacted snow Safety Area 83' Max heli overall length 41.5' Opr Ltd win maint
COMM **TWR** **TML**	 Montréal 119.9 Montréal 134.15
PRO	Arr/dep 252° fr heli (H3). Arr/dep curved 108° to 061° fr heli (H3).
CAUTION	Many street lamp-posts (30 & 47 AGL) around pad & hwy lamp-posts (125 AGL), see sketch. Antenna 338 ASL (200 AGL), 1015´ N of pad.

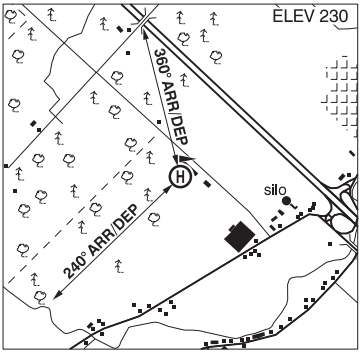
MONTRÉAL / LES CÈDRES QC (Heli) CSH6

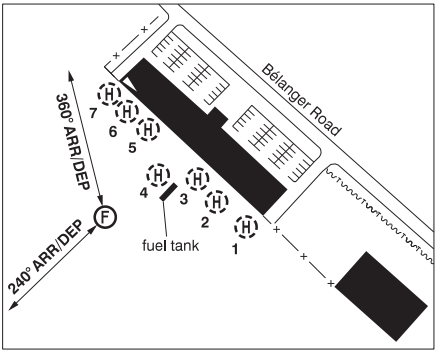




REF	N45 20 52 W74 05 07 15°W UTC-5(4) Elev 160´ VTA A5002
OPR	Canadian Helicopters Limited 450-452-3000 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 JA-1 156 2,3,6,7
HELI DATA	FATO 95’ x 95’ GRASS Safety Area 95’ x 95’ Max heli overall length 63.3’ Parking Pads 1-4: 52’ dia ASPH Parking Pad 5: 58’ dia ASPH Parking Pad M: 70’ dia ASPH Maintenance only
COMM **ATF**	 tfc 123.5 5NM centred on A/D N45°20’51” W74°04’36” Adj E joined to Montréal / St-Lazare ATF circle by a corridor equal to the width of their diameter excluding that portion N of the railroad passing thru Saint-Clet 2000 ASL, excluding Montreal Terminal class C airspace, see Montréal / St-Lazare-Les Cèdres (Héli) VTPC.
PRO	Arr/dep 075° & 235° fr FATO only, then offset to a rte of 255°as indicated on the heli sketch. Circuits N side of heli 500 AGL.

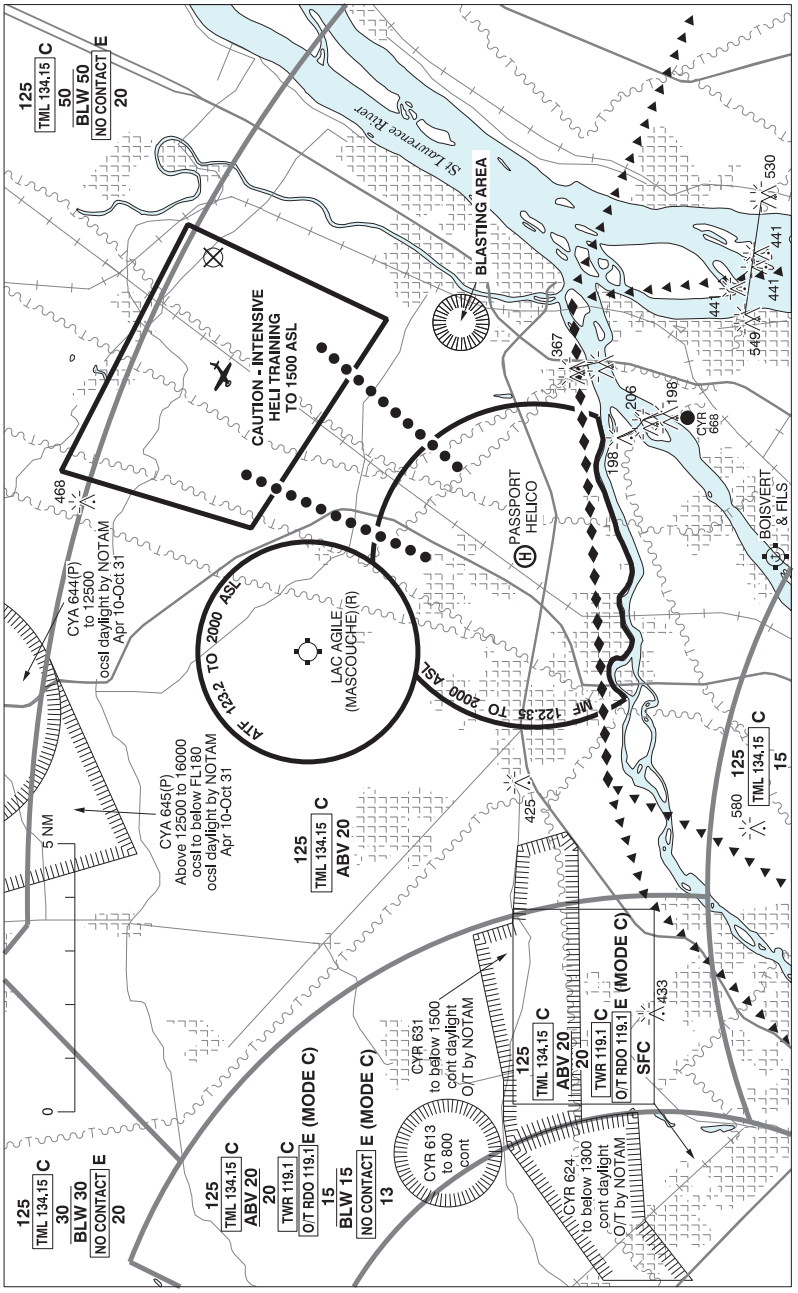
MONTRÉAL / MIRABEL HÉLICO QC (Heli) CMH4



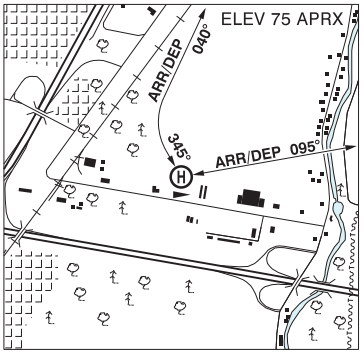


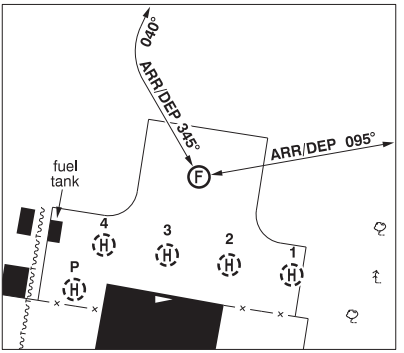
REF	N45 41 44 W73 57 09 Adj 14°W (2015) UTC-5(4) Elev 230' VTA A5002
OPR	Mirabel Hélico 514-703-5507 Fax 450-963-1960 Reg PPR
PF	B-1 C-2,3,6
FLT PLN	
FIC	Québec 866-GOMETEO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA
OIL	All
S	1,2,3,4 12-21Z‡ Mon-Fri
HELI DATA	FATO 64' x 64' ASPH Safety Area 85' x 85' Max heli overall length 43' Parking Pads 1-7: 51' dia ASPH
COMM	(bil)
RADIO	Mirabel 119.1 (E) 03-11Z‡
ATIS	(English) 125.7 450-476-3031; (French) 126.1 450-476-3095
TWR	Mirabel 119.1 (E) 11-03Z‡
A/G	Tour de Bell 130.25 382.6 5560.4 4242 1200-2230Z‡
PRO	Arr/dep 240° & 360° fr heli, slope 8%, day use only.
CAUTION	Prkg pads loc less than 15' of fuel tank.

MONTRÉAL / PASSPORT HÉLICO VFR TERMINAL PROCEDURES CHART - TRAINING AREA



MONTRÉAL / PASSPORT HÉLICO QC (Heli) CPP8

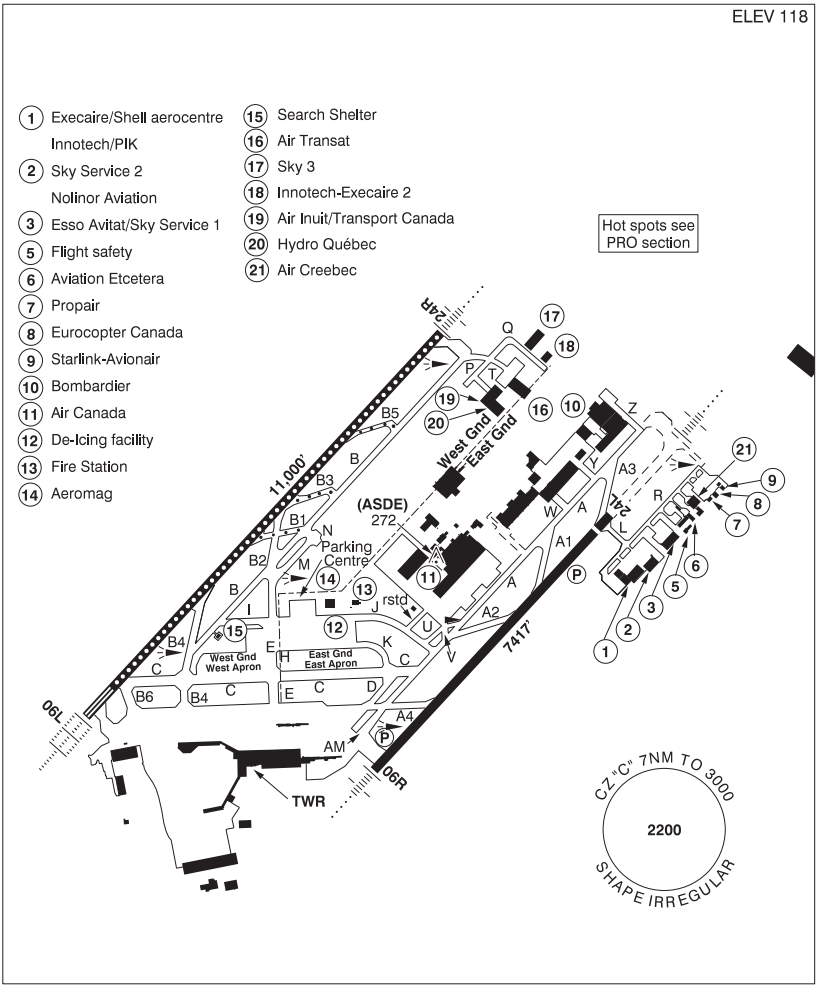




REF	N45 43 21 W73 35 43 1SE 15°W (2016) UTC-5(4) Elev 75' aprx VTA A5002
OPR	Passport Hélico 450-474-4888 Fax 450-474-6323 Reg PPR
PF	A-1,3,6,7,8 C-2,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. IFR clearance or activation 514-633-3014.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1
OIL	15W50, Mobil 254
S	1,2,3,4,6
HELI DATA	FATO 64' x 64' GRVL Safety Area 85' x 85' Max heli overall length 43' Parking Pad 1, 2 & 3: 38' dia ASPH Parking Pad 4: 40' dia ASPH Parking Pad P: 20' x 20' ASPH
RCR	Opr
LIGHTING	RF(FH)
COMM	
MF	tfc 122.35 (without ground station) 3NM excluding the portion S of the N shore of Rivière des Milles-Îles & 2NM around Lac Agile (Mascouche) A/D 2000 ASL (CAR 602.98)
PRO	Arr/dep 095° fr heli, day use only. Arr/dep curved 345°to 040° fr heli, day use only.
CAUTION	Parking positions dimensions are less than the overall length of most types of heli.

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC — CYUL

ELEV 118



REF	N45 28 14 W73 44 27 Adj SW 15°W (2013) UTC-5(4) Elev 118´ VTA A5002 LO6 LO7 LO8 HI5 T2 CAP OC
OPR	Aéroports de Montréal 514-633-3223 H24 Cert Ldg fees
PF	A-1,2,3,4,5,6,7
CUST	AOE 888-226-7277

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC (Cont'd) CYUL

FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353. All Flt Plns, IFR tng flts PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep.
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z.
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), F-34, JB
OIL	All
S	1,2,3
ARFF	DESIGNATED CAT 9
SUP FL	ADI, D & A-ice 514-636-1850, LHOX
JASU	Elect Start 10/15
PVT ADV	Esso Avitat 122.85; Shell Aerocentre 129.3; Aeromag 122.525; Iceman 123.125 514-636-1850; Starlink-Avionair 123.075 514-631-7500; Aviation Etcetera 122.725 800-319-7849 or 514-633-7000; MONTRÉAL DE-ICE 123.425. Air Inuit 129.05 514-905-9413 Fax 514-905-9881
MIL CON	Innotech Aviation Services Inc. (Shell) 514-636-5870

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC (Cont'd) CYUL

RWY DATA	Rwy 06L(057°)/24R(237°) 11,000x 200 CONC Rwy 06R(057°)/24L(237°) 7417x200 CONC Thld 24L displ 408' RESA: 06R 295', avbl for acft over 910,000 lbs Departures from inner centerline of holding bay Rwy 06R subtract 276' from declared distances.
RWY CERT	Rwy 06L RVR 600/Rwy 24R RVR 1200(1/4sm) AGN V Rwy 06R RVR 1200(1/4sm)/Rwy 24L RVR 1200(1/4sm) AGN IIIB
TWY CERT	Twy: L, Q, R AGN IIIB
TWY	Twy C: 61m. All other taxiways 23m with 18.5m shoulders: 10.5m paved, remaining 8m grass. Holding bays capacity: 2 acft with wingspans of less than 36m (118') Acft with wingspans of 36m (118') or greater: Holding bay 06L: use North line Holding bay 24R: use centre line Holding bay 24L: use South line Holding bay 06R: 2 acft simultaneously: acft with wingspans of less than 65m (213') use South line and acft with wingspans of 65m (213') or greater use North line. Twy B3, B5: Left turns onto Twy B prohibited for acft with wingspans 36m (118') or more. Twys L & R ltd to acft with less than 36m (118') of wingspan and 95,500kg or less. Twy U: One-way tfc NE-bound. Twy Q uncontrolled, rstd to acft wingspans less than 36m (118'). A380, A124, A346, B748 & B773: Right turn prohibited from A4 or A2 to A. A380, A124, A346, B748 & B773: Left turn difficult from A1 to A. Use of A3 or holding bay 24L recommended. A380, A340-500/600, A350-1000 & B777: Right turn prohibited from A4 to D. Turns fr A4 right (North) on A not recommended for acft with wingspans less than 36m (118') oversteer rqrd, and proh to acft with wingspans 36m (118') or more.
APRON	Acft with wingspans of 36m (118') or more proh from using south ramp btwn the tml bldg and the aeroquay. Guide line btwn gates 73 and 85: prohibited to acft with a wingspan of 36m (118') or more. Apron Air Canada: Apron extension: Rstd to acft under tow only. De-icing Bays:1 & 3: max wingspan 36m (118') 2: max wingspan 80m (262') 4, 5 & 9: max wingspan 65m (213') 6 & 8: max wingspan 36m (118') 7: max wingspan 45.8m (150')
RCR	Opr CRFI, PLR/PCN Operational Plan for A380 available on request at 514-633-3363
LIGHTING	06R-AN(TE HI) P2, 06L-AL(TE HI A TDZL), 24R-AN(TE HI CL), 24L-AN(TE HI) P2
COMM	(bil)
RCO	Québec 123.55 (FISE) 126.7 (bcst)
ATIS	(English) 133.7 514-633-3037; (French) 127.5 514-633-3034
CLNC DEL	Montréal 125.6 all dep acft ctc clnc del
APRON	Montréal 122.275 (West) 122.075 (East)
GND	Montréal 121.0 (West) 121.9 (East) 275.8
TWR	Montréal 119.3 119.9 124.3 (old port) 267.1 (E) (emerg only 514-633-3311)
ARR	Montréal Tml 118.9 126.9 132.85 268.3
DEP	Montréal Tml 120.42 124.65 268.3
VFR ADV	Montréal Tml 134.15
NAV	
VOR/DME	YUL 116.3 Ch 110 N45 36 57 W73 58 15 (178´)
DME	IUL 109.3 Ch 30 N45 27 51 W73 45 48 (143')
	IOA 110.5 Ch 42 N45 27 33 W73 44 15 (125´)
ILS	IZZ 111.9 (Rwy 24R) RVR LOC reliable only within 10° either side of centreline; IMQ 110.5 (Rwy 24L) RVR LOC reliable only within 10° either side of centreline; IUL 109.3 (Rwy 06L) RVR LOC reliable only within 10° either side of centreline; IOA 110.5 (Rwy 06R) RVR LOC reliable only within 10° either side of centreline

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC (Cont'd) CYUL

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
Slots: General aviation acft must obtain authorization fr YUL Slots Reservations Online Coordination System (OCS) H24 exc for helicopters and MEDEVAC. For info CTC 514-633-3488.
Circuits: Rgt hand circuits Rwys 06R & 24R (CAR 602.96).
Transponder: Transponder with mode "C" required in CZ.
Multilateration: Pilots must keep their transponder on at all times when manoeuvring on the airport (turned on prior to brake release and on arrival, on until final engine shutdown).
Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.
Peak tfc period: 1100-1330Z‡ & 2000-0030Z‡ dly.
Taxi: Prior to taxiing, obtain IFR clnc, then ctc apron ctl & specify your position & rwy cleared for.
Code F aircraft: Standard routes. Follow ATC and Apron Control instructions.
A380: see CAP
Airspace: Standardized use of common freq 122.1 (north) and 122.575 (south) in Class G airspace around the CZ.
Training: No Ab Initio tng.

De-icing:
1. Contact MONTREAL DE-ICE on 123,425, no later than 30 min prior push-back, with de-icing type.
2. On Twys J or K, hold short of the de-icing pad and contact AEROMAG PAD CONTROL 122.525.
3. On Twy E hold short of H or I and contact AEROMAG PAD CONTROL on 122.525.
4 Follow AEROMAG PAD CONTROL instructions and guiding lines to the assigned de-icing bay and confirm "brakes set" when in position.
5. On AEROMAG PAD CONTROL instructions, contact ICEMAN on 123.125 & confirm aircraft configured for de-icing and engines at idle.
6. When de-icing is completed and on ICEMAN instructions only, contact AEROMAG PAD CONTROL on 122.525 before moving aircraft.
7. Exiting de-icing pad on AEROMAG PAD CONTROL instructions contact ground control:
   - on Twy J, holding short of Twy U,
   - on Twy K, holding short of Twy C,
   - on Twy H or I holding short of Twy E .

ATC:
IFR Clnc Acknowledgement:
IFR clnc read back with Montreal twr clnc del shall include acft call sign, assigned sid name and transponder code.

VFR Codes: In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a mandatory procedure applies requesting to ctc the Montréal ACC at 877-YUL-CODE (877-985-2633) to provide ATC with information pertaining to your flight to obtain your transponder code at least 30 min prior to a flight into Montréal Class C airspace.

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC (Cont'd) CYUL

PRO (Cont'd)

SIGHTSEEING (See VTPC)
Ville-Marie Circuit:
a) Fr Lafontaine Tunnel, proceed towards Olympic Stadium, skirting it closely on the N side, then to St. Joseph's Oratory, passing around Mount Royal counterclockwise while staying E of Décarie Autoroute, then to Concorde Bridge and follow W shore of St. Lawrence River to Lafontaine Tunnel.
b) Fr Mercier Bridge, proceed to Concorde Bridge along Highway 20 and follow W shore of St. Lawrence River, then cross Pie-IX Boulevard and proceed to Olympic Stadium skirting it closely on the N side, and finally to St. Joseph's Oratory to Mercier bridge.
Procedures:
1. Maintain alt assigned by the Montréal Control Tower.
2. Inform Montréal Control Tower of intention to leave this circuit when near Mount Royal.
3. Leave the circuit at following points:
A) Victoria Bridge for fixed-wing acft to exit to St-Hubert,
B) Marina Longueuil for heli to exit to St-Hubert,
C) Lafontaine Tunnel to exit to N,
D) Mercier Bridge to exit to S or SW.
4. To stay in the circuit after crossing Concorde Bridge, follow W shore of St. Lawrence River, then cross Pie-IX Boulevard and proceed to Olympic Stadium skirting it closely on the N side, then resume circuit towards St. Joseph's Oratory.

Banner Towing & Aerial Photography: Specific VFR flight such as banner towing & aerial photography should be coordinated with Montréal Control Tower supervisor at 514-633-3311 with at least 1 hr prior notice.

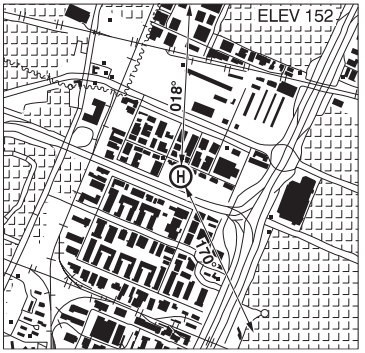
Low Visibility Procedures: See CAP

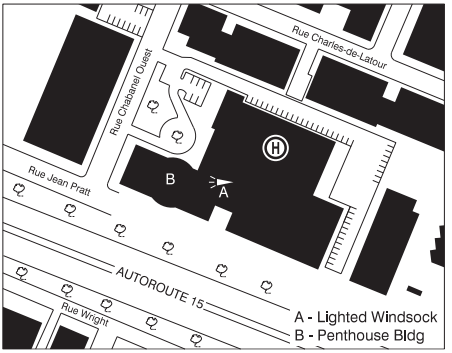
Plan of operations in the absence of apron control
1. General
1.1 Aircraft must comply to one way traffic flows shown on the figure published in CAP. Caution: Between Gates 47 and 49 prohibited to acft with wingspan of 36m (118') or more.
1.2 Prior to any movement, broadcast your intentions on frequency 122.075 MHz.
1.3 A moving aircraft has the right of way over all other aircraft. When preparing to push back an aircraft must not interfere with an aircraft already in motion.
1.4 If part of the apron becomes unserviceable because of an incident, escort services with "Follow Me" vehicles are implemented in the affected area.
1.5 For "Follow Me" vehicle assistance contact ADM Call Centre at 514-420-5000.
2. Push Backs
2.1 From gate 85, push back facing North on start box 1.
2.2 From gates 56, 58, 60, 64, 66 and 73, B737 and aircraft with wingspan of 36m (118') or greater tow to start box B facing West.
2.3 From gate 11B, aircraft with a wingspan of 36m (118') or greater push back to start box 10 and taxi to Alpha Mike for all rwys except 06R.
2.4 From gates 67 and 68 push back facing North on the East lane.

MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL QC (Cont'd) CYUL

PRO (Cont'd)	3. Exiting the apron 3.1 Exit points from the apron are associated with the departure runway assigned by ATC. They are shown on the map in CAP 5. Comply with one ways. 3.2 Contact ground control on frequency 121.0 or 121.9 MHz **before** entering any taxiway or runway. 4. Arrivals 4.1 For gates 2, 4, 6, 8, 10, 12, 15B: stop at start box 10 and broadcast your intentions clearly to avoid face to face. 4.2 For gates 80, 82, 84, 86: stop abeam stand W2B on the West lane and broadcast your intentions clearly to avoid face to face. 4.3 South ramp westbound: stop at holding point 6 and broadcast your intentions clearly before proceeding on the West lane. 4.4 Aircraft with a wingspan of 36m (118') or more: Enter via "B4" only. Coordinate with ATC;
HELI	Use Heli routes as depicted on VTPC or as directed by ATC.
NOISE	Noise oprg restriction & noise abatement procedure in effect. See CAP
CAUTION	Hazardous high speed wind tunnel heat exhaust N45 28 07 W73 42 38 (aprx 0.5 NM SSE Thld 24L) may cause mechanical turbulence. SFC to 1000 AGL.

MONTRÉAL / POINT ZERO QC (Heli) CPZ6





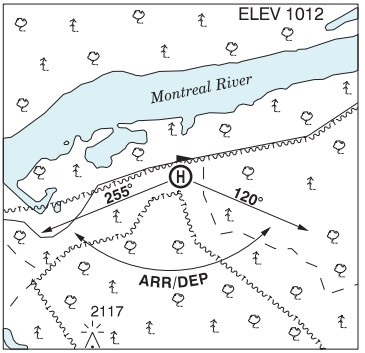
REF	N45 31 47 W73 39 27 15°W (2014) UTC-5(4) Elev 152' VTA A5002
OPR	Point Zero 514-384-0140 Cert PPR Heli closed Nov 2 - Apr 14
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 84' dia CONC TLOF 56' dia CONC Safety Area 112' dia Max heli overall length 55.8' Rooftop heli 17,000 lbs Opr ext 310 1300-2100Z‡ Mon-Fri
LIGHTING	RY(LO) (green)
COMM **TWR** **TML**	(bil) Montréal 119.9 Montréal 134.15

MONTRÉAL / POINT ZERO QC (Heli) (Cont'd) CPZ6

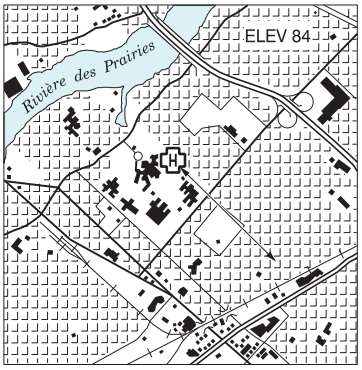
PRO	Arr/dep 018° & 170° fr heli, slope 12% (H1) (CAR 602.96). Ctc Montréal TWR prior to tkof.
CAUTION	Penthouse SW heli marked with Lgtd WDI. Comm twr 272 AGL 1167' N of heli. Bldg aprx 300' W of heli 65' abv heli elev. Multiple light poles SE of heli 233' ASL. Multiple obst on rooftop outside of FATO.

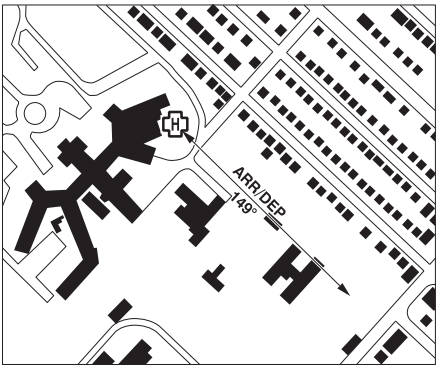
MONTREAL RIVER HARBOUR / BLUEARTH BOW LAKE WINDFARM ON (Heli) CBL5

REF	N47 14 33 W84 32 33 4.7E 7°W (2023) UTC-5(4) Elev 1012' A5001
OPR	BluEarth Asset Management Inc. 705-992-4183 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 246' x 115' compacted GRVL Opr
COMM **ATF**	tfc 123.2 5NM 4100 ASL
PRO	Arr/Dep 120° to 255° fr heli
CAUTION	Wind turbines 2289 ASL aprx 1NM S of heli. P-Lines 60 AGL S of heli.



MONTRÉAL (SACRÉ-COEUR) QC (Heli) CSZ8



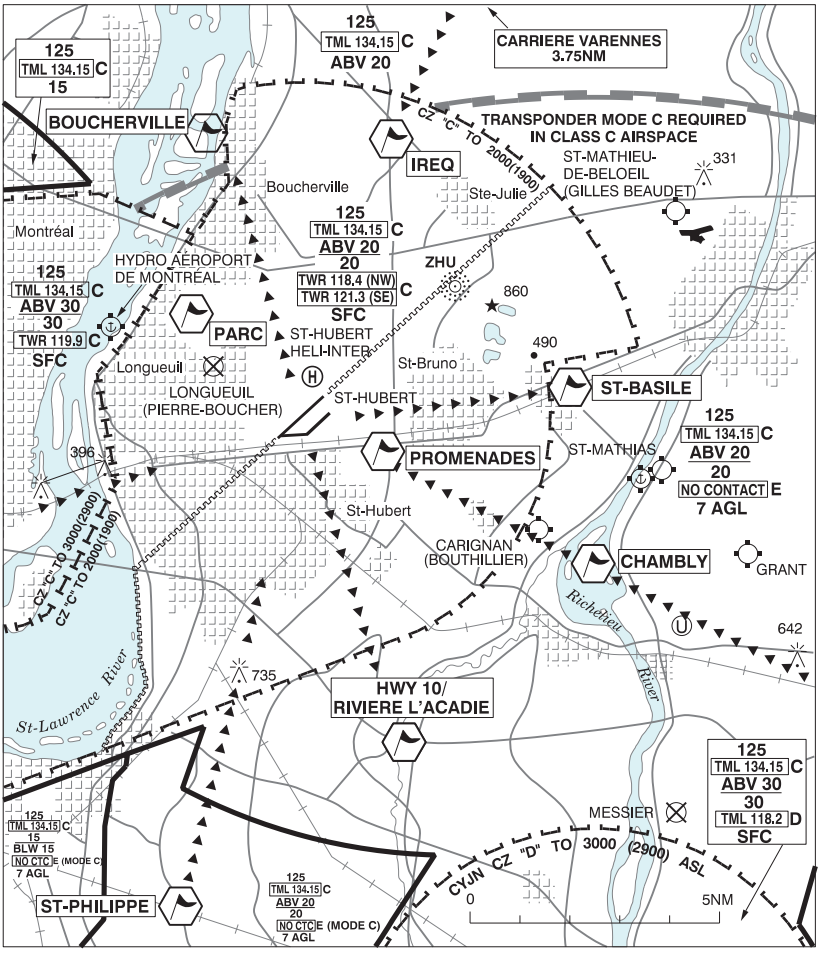


REF	N45 31 59 W73 42 45 15°W UTC-5(4) Elev 84' VTA A5002
OPR	Sacre-Coeur Hosp 514-338-2103 (security) 514-338-2000 (emergency) Cert PPR
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 64´ x 64´ ASPH Safety Area 84´ x 84´ Max heli overall length 43' Opr
LIGHTING	ME

MONTRÉAL (SACRÉ-COEUR) QC (Heli) (Cont'd) CSZ8

COMM TWR	(bil) Montréal 119.9
PRO	**VFR Codes:** In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, ctc the Montréal ACC at 877-YUL-CODE (877-985-2633) to provide ATC with information pertaining to your flight to obtain your transponder code at least 30 min prior to a flight into Montréal Class C airspace. Arr/dep 149° fr heli, slope 8% first 800' (H3)
CAUTION	Obst in transition surface WSW side. Building (2' penetration) and SW WI. Obst arr/dep surface, 2 light poles with day marking (penetration 6.5' and 1.2') and perimeter fence (5' max). Obst in safety area East corner, perimeter fence (penetration 2'). Obst Lgtd antenna on top of Hosp 225 ASL.

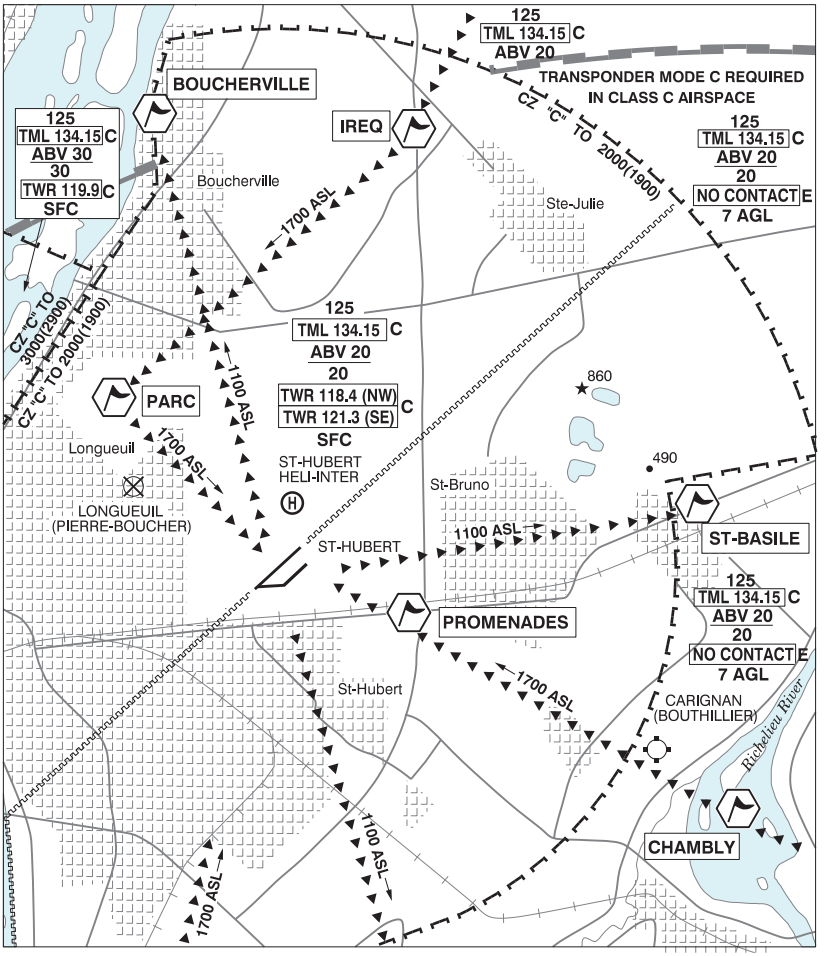
MONTRÉAL / ST-HUBERT VFR TERMINAL PROCEDURES CHART



MONTRÉAL CLASS G AIRSPACE

To standardize the use of frequencies in uncontrolled airspace (Class G) within the Montréal area, it is recommended that you broadcast intentions & monitor, if possible, the appropriate common frequency. It is suggested that landing lights be turned on. Refer to section *Planning – Areas with Discrete Air-to-Air Frequencies – Montréal Common Frequency Areas*.

MONTRÉAL / ST-HUBERT VFR TERMINAL PROCEDURES CHART - ARR/DEP



MONTRÉAL / ST-HUBERT VFR TERMINAL PROCEDURES CHART - ARR/DEP

NOM	IDENT	LAT/LONG
AUTOROUTE 10 / RIVIERE L'ACADIE	VCACD	N45° 24' 28" W073° 22' 06"
BOUCHERVILLE	VCBSV	N45° 36' 48" W073° 27' 24"
CARRIERE VARENNES	VCCVS	N45° 39' 55" W073° 20' 08"
CHAMBLY	VCBCY	N45° 27' 40" W073° 16' 38"
IREQ	VCIRE	N45° 36' 46" W073° 23' 02"
PARC	VCPRK	N45° 33' 05" W073° 28' 11"
PROMENADES	VCPMM	N45° 30' 19" W073° 22' 42"
ST-BASILE	VCSTB	N45° 31' 36" W073° 17' 20"
ST-PHILIPPE	VCLPR	N45° 21' 10" W073° 28' 29"

DEPARTURES

- All rwys, unless specified by ATC, not above 1100 ASL until outside the zone

ARRIVALS

Follow arrival routes, unless otherwise specified by ATC:

CHAMBLY arrival

- 24L: proceed to PROMENADES, join mid-left downwind, not below 1700 ASL
- 06R: proceed to PROMENADES, join mid-right downwind, not below 1700 ASL

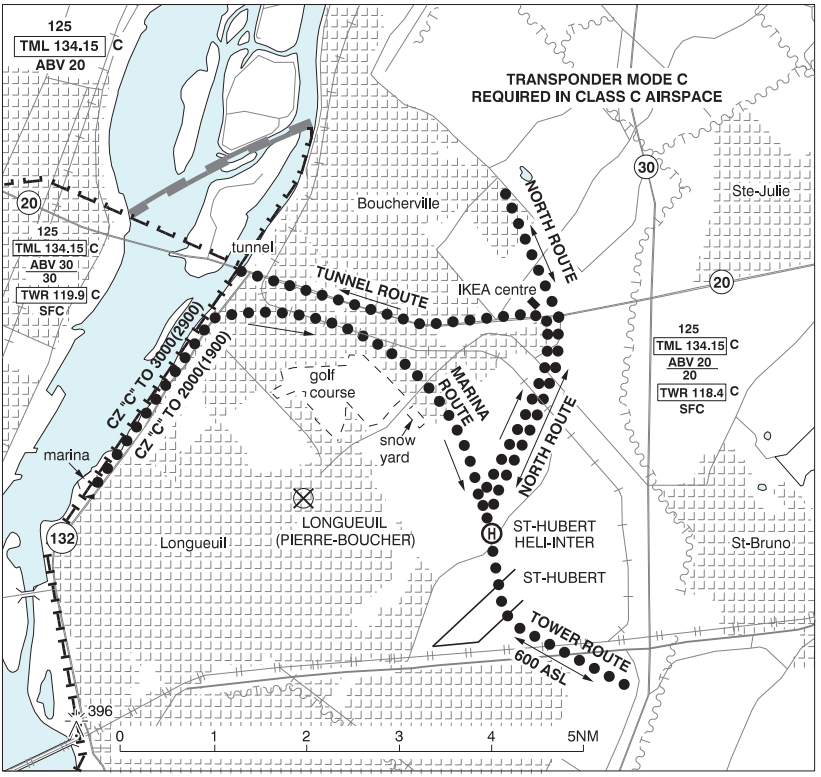
St-PHILIPPE arrival

- 24L: proceed to PROMENADES, join left downwind, not below 1700 ASL
- 06R: join straight-in approach, not below 1700 ASL

VARENNES arrival

- 24R: proceed to IREQ, then to PARC, join mid-right downwind, not below 1700 ASL
- 06L: proceed to IREQ, then to PARC, join mid-left downwind, not below 1700 ASL

MONTRÉAL / ST-HUBERT HELI VFR TERMINAL PROCEDURES CHART



MONTRÉAL CLASS G AIRSPACE

To standardize the use of frequencies in uncontrolled airspace (Class G) within the Montréal area, it is recommended that you broadcast intentions & monitor, if possible, the appropriate common frequency. It is suggested that landing lights be turned on. Refer to section *Planning – Areas with Discrete Air-to-Air Frequencies – Montréal Common Frequency Areas*.

DEPARTURES

Tunnel route: cross highway 20 at 1100 ASL or as assigned by ATC, follow highway 20 to the Lafontaine Tunnel, ATC will assign 1500 ASL as soon as possible.

North route: cross highway 20 at 1100 ASL or as assigned by ATC.

Tower route: cross the airport at 600 ASL or as assigned by ATC, proceed south eastbound to the Promenade shopping center.

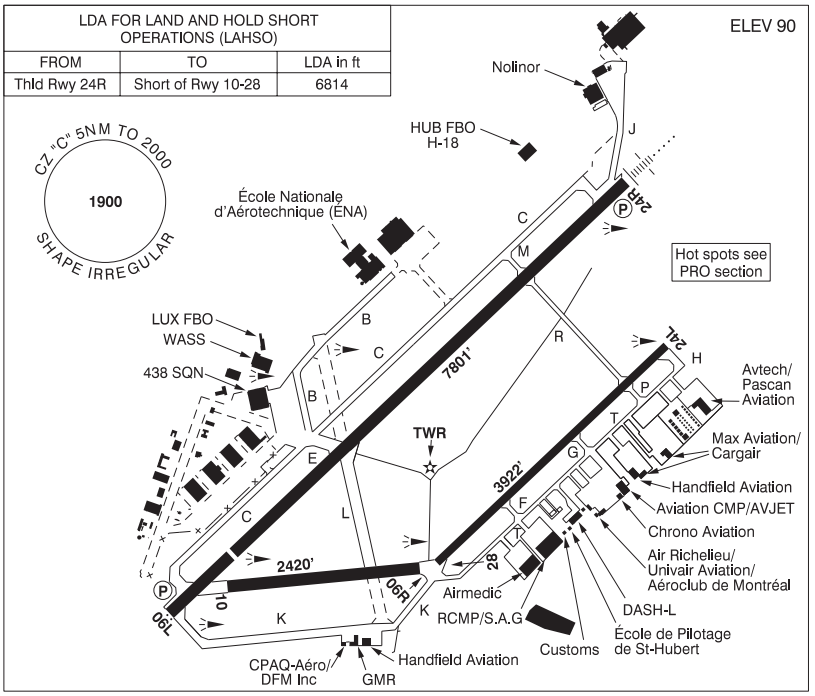
ARRIVALS

Marina route: Maintain 1500 ASL as long as possible. Follow highway 132 northbound, proceed over the industrial area, bypass the golf course to the northeast, not below 1100 ASL to the snow yard or as assigned by ATC.

North route: cross highway 20 at 1100 ASL or as assigned by ATC.

Tower route: cross the airport at 600 ASL or as assigned by ATC.

MONTRÉAL / ST-HUBERT QC — CYHU



REF	N45 31 05 W73 25 01 3E 15°W (2010) UTC-5(4) Elev 90´ VTA A5002 LO6 LO7 LO8 HI5 T2 CAP
OPR	DASH-L 450-678-6030 Fax 450-462-0346 Cert Ldg fees
PF	B-1,2,3,6 C-4,5
CUST	AOE/15 888-226-7277 1330-0300Z‡ Mon-Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353. All Flt Plns, IFR tng flts PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep.
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam

MONTRÉAL / ST-HUBERT QC (Cont'd) CYHU

SERVICES	
FUEL	100LL, JA-1 (FSII avbl), JP-4 F-34
OIL	All (Mil 123, 128, 133, 148, 156)
S	1 (ltd), 2,4,5,7
SUP FL	D & A-Ice, LHOX 13-21Z‡ Tue-Fri exc hols
JASU	Mil CE15, 16, CA2
MIL ADV	438 Sqn Ops - Call "WILDCAT OPS" 322.1 135.9 450-462-8777 ext 7216 CSN 472-7216 13-21Z‡ Mon-Fri. Ltd trans svcg. 24 hrs PN.
PVT ADV	AvJet Distribution 123.025 450-678-4440; Pascan 131.17 888-313-8777, 450-443-0500; HUB FBO H-18 122.8 450-468-4400; LUX FBO 122.470 514-312-1885
MIL CON	Avjet Holding Inc 450-678-4440
RWY DATA	Rwy 06L(062°)/24R(242°) 7801x150 ASPH Thld 06L displ 1105´. Rwy 06R(062°)/24L(242°) 3922x100 ASPH Rwy 10(100°)/28(280°) 2420x150 ASPH
RWY CERT	Rwy 06L/24R AGN IIIB Rwy 06R/24L AGN IIIA Rwy 10/28 AGN II
TWY CERT	Twy: B, C, E, F, G, H, J, K, L, M, P, R, T AGN IIIA
RCR	Opr 1200-2030Z‡ Apr 01-Nov 30, 0330-2030Z‡ Mon-Fri O/T 3 hrs PN Dec 1-Mar 31. Rwy 06R/24L clsd 0400-1045Z‡ Mon-Fri, 0100-1045Z‡ Sat-Sun Dec-Mar; avbl as twy btwn Twy P and Twy R. Rwy 10/28 clsd 0400-1045Z‡ Mon-Fri, 0100-1045Z‡ Sat-Sun Dec-Mar. Hydroplaning may occur on Rwy 06L/24R (especially at intxn of twy L) dur heavy precipitation. CRFI, PLR/PCN
MIL	S50, T75, ST140, TT198.
LIGHTING	06R-(TE ME), 24L-(TE ME), 06L-AS(TE HI) P2, 24R-AN(TE HI) P2, 10-(TE HI), 28-(TE HI) ARCAL-118.4 type K for Rwy 06L/24R, PAPI & twy lgt B, C, E, J, K, M, P, R, T
COMM	(bil)
RCO	Rouyn rdo 118.4 (RAAS) 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡ Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar
ATIS	(English) 124.9 (French) 124.1 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar
GND	St-Hubert 126.4 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar
TWR	St-Hubert 118.4 (VFR ARR North) 121.3 (VFR ARR South and East) (V) 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar (emerg only 450-926-6458)
MF	Rouyn rdo 118.4 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡ Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar 5NM shape irregular 2000 ASL (CAR 602.98)
ARR	Montréal 125.15 268.3
DEP	Montréal 125.15 268.3
VFR ADV	Montreal Tml 134.15
MIL	438 Sqn Ops 322.1 135.9
AWOS	124.9 (English) 124.1 (French) 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡ Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar
NAV	
DME	IHU 111.1 Ch 48 N45 31 21 W73 24 30 (113')
ILS	IHU 111.1 (Rwy 24R) RVR LOC reliable only within 10° either side of centreline

MONTRÉAL / ST-HUBERT QC (Cont'd) CYHU

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
Circuits: Rgt hand circuits Rwys 06R, 24R & 28 (CAR 602.96).
Preferential rwy: Btwn 04-12Z‡, all acft shall, when aprt and wx conditions permitting, land on Rwy 24R and take-off Rwy 06L.
Departure: 24L rstd to single engine acft having a GTOW of less than 5000 lbs. Rwy 24L and 24R climb rwy hdg to 1100 ASL BPOC or in the circuit.
All VFR acft leaving the CZ, climb to not above 1100 ASL or as assigned by ATC.
VFR Codes: Refer to MONTRÉAL VTPC section VFR FLIGHTS IN MONTRÉAL/TRUDEAU, MONTRÉAL/ST-HUBERT, MONTRÉAL/MIRABEL AND MONTRÉAL TERMINAL CLASS C AIRSPACE.
VFR acft towards Montréal/Trudeau: Outside TWR oprg hours, VFR acft proceeding towards Montreal CZ are required to proceed via Lafontaine Tunnel at 2000 ASL or lower if necessary due wx.
Mil ramp: PPR 48 hrs 438 Sqn Ops CSN 472-7216.
Airspace: Standardized use of common freq 122.1 (north) and 122.575 (south) in Class G airspace around the CZ. CYA 627(S) aprx 20NM NE of aprt up to 3000 ASL cont daylight.
Training: VFR circuits PPR 1-800-633-1353
Training areas: See Montréal Terminal VTPC.

MONTREAL/ST-HUBERT CZ AIRSPACE SPLIT FOR VFR FLIGHTS
During the hours of operation of the control tower, CYHU CZ is divided into two sectors for VFR arrivals with separate frequencies:
- All VFR arrivals from VARENNES QUARRY ctc St-Hubert TWR on 118.4 (ARR VFR North).
- All VFR arrivals from CHAMBLY and ST-PHILIPPE ctc St-Hubert TWR on 121.3 (ARR VFR South and East).

VFR ARR/DEP ROUTES
All VFR aircraft should follow arrival and departure routes, unless otherwise specified by ATC.
See "VFR TERMINAL PROCEDURES CHART - ARR/DEP" for additional details.

RWY 06L/24R AND TWY CHARLIE RESTRICTIONS
When ceiling is reported at less than 500' AGL, the following restrictions apply outside of tower hours of operation:
Arr: No acft should be on twy C when an acft is established on final apch for rwy 06L/24R.
Dep: No acft should be on twy C when an acft is ready for tkof.

CIV HELI Ctc Gnd 126.4 prior to dep. Dep & arr req Marina, Tunnel, North or Tower rtes or as cleared by ATC. See HELI VTPC for rtes & alts.

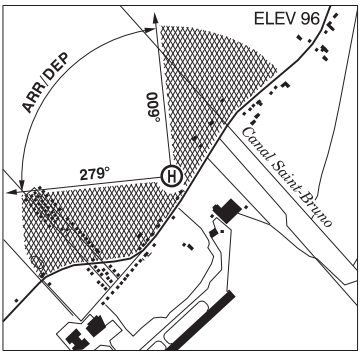
MIL HELI Ctc Gnd 126.4 prior to dep. Holding bay Rwy 06L designated as ldg/tkof pad. See HELI VTPC or rtes & alts.

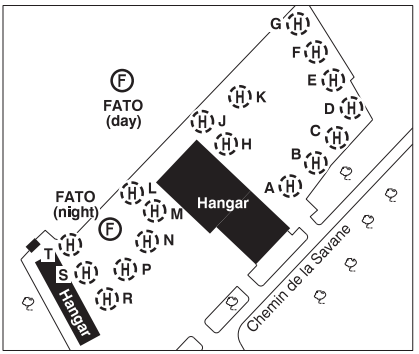
NOISE **Touch and go:** Pursuant to CAR 602.105, the following noise control requirements apply at Montreal/St-Hubert airport. Rwy 24L & 24R not auth Oct 1-Apr 30 24-08 hr lcl Mon-Fri, 19-08 hr lcl Sat-Sun. Rwy 24L & 24R not auth May 1-Sep 30 23-08 hr lcl Mon-Fri, 15-08 hr lcl Sat, Nil Sun & hol(s).
Noise oprg restrictions & noise abatement procedures in effect. See CAP.

CAUTION

Blasting ops: 9.5NM NE.
Beloeil A/D: lctd 8NM NE of Rwys 24. (Circuits ht 1000 ASL).
Taxiway: Due to aprt layout twy "T" may be mistaken for Rwy 24L.
Firing range: lctd 4.9NM NE of Rwys 24.
Mil Ramp: Large mag anomaly in front of the 438 Sqn hg causing mag compasses to deviate as much as 90°.

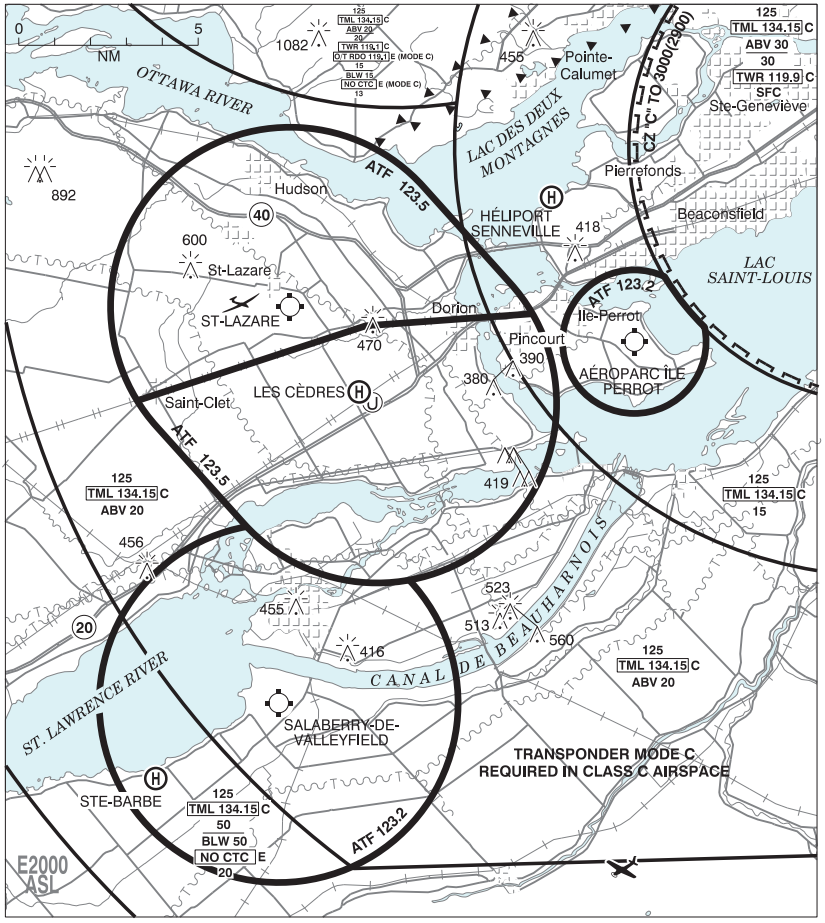
MONTRÉAL / ST-HUBERT HELI-INTER QC (Heli) CTG2



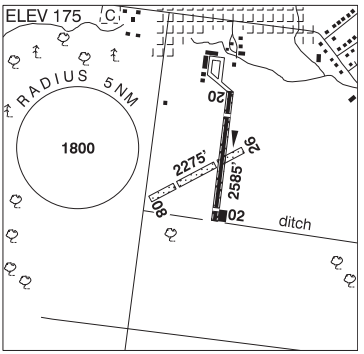


REF	N45 31 54 W73 24 43 3E 15°W (2014) UTC-5(4) Elev 96´ VTA A5002
OPR	Héli-Inter Inc 450-468-3431 Reg PPR
PF	B-1 avbl 12-23Z, C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	12-03Z PPR 100LL, JA 514-686-7046 All 1 (ltd),2,3,6
HELI DATA	Day ops: FATO 120' x 120' GRASS Safety Area 135' x 135' Night ops: FATO 68' x 68' ASPH Safety Area 85' x 85' Parking Pads A-J, L & T: 43’ dia ASPH Parking Pads M, N & R: 31’ dia ASPH Parking Pads P & S: 39’ dia ASPH Parking Pad K: 61’ dia ASPH
LIGHTING	RF FH or FL All obstacles marked with reflective tape.
COMM	
RCO	Rouyn rdo (St-Hubert) 118.4 (RAAS) 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡ Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar
ATIS	(English) 124.9 (French) 124.1 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar
GND	St-Hubert 126.4 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar
TWR	St-Hubert 118.4 (V) 1045-0500Z‡ Mon-Fri, 1045-0300Z‡ Sat-Sun Apr-Oct; 1045-0400Z‡ Mon-Fri, 1045-0100Z‡ Sat-Sun Nov-Mar (emerg only 450-926-6458)
MF	Rouyn rdo 118.4 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡ Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar 5NM shape irregular centred on St-Hubert A/D adj 2000 ASL (CAR 602.98)
VFR ADV	Montréal Tml 134.15
PRO	Arr/dep btwn 279°-009° fr heli below 400 ASL(300 AGL) Arr/dep req Marina, Tunnel, North or Tower rtes or as cleared by ATC. See Montréal/St-Hubert Heli VTPC for rtes & alts. All heli must contact gnd 126.4 prior to dep.
CAUTION	Extv heli tfc in vic of aprt & on helicraft/Héli-Inter touchdown pads.

MONTRÉAL / ST-LAZARE - LES CÈDRES (HÉLI) VFR TERMINAL PROCEDURES CHART

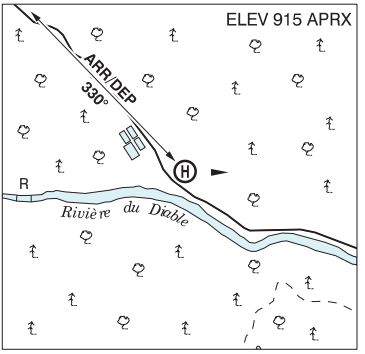


MONTRÉAL / ST-LAZARE QC — CST3



REF	N45 23 33 W74 08 03 Adj S 15°W UTC-5(4) Elev 175´ VTA A5002
OPR	Cooper Avn Inc 450-455-3566 Reg
PF	C-1,2,3,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,2,4,5,6
RWY DATA	Rwy 02/20 2585x50 ASPH/GRASS centre 30' ASPH Thld 02 displ 200´ Thld 20 displ 475´ Rwy 08/26 2275x65 GRASS Thld 08 displ 600´. Thld 26 displ 600´.
RCR	450-455-3566 Ltd win maint
COMM ATF	(bil) UNICOM ltd hrs O/T tfc 123.5 5NM joined to Montréal / Les Cèdres (Héli) ATF circle by a corridor equal to the width of their diameter excluding that portion S of the railroad passing thru Saint-Clet 2000 ASL, excluding Montreal Terminal class C airspace, see Montréal / St-Lazare - Les Cèdres (Héli)VTPC.
PRO	Rwy 02/20: Rwy 20 preferred for take-off, Rwy 02 preferred for landings. Repeated touch-and-go/stop and go not permitted Rwy 02.

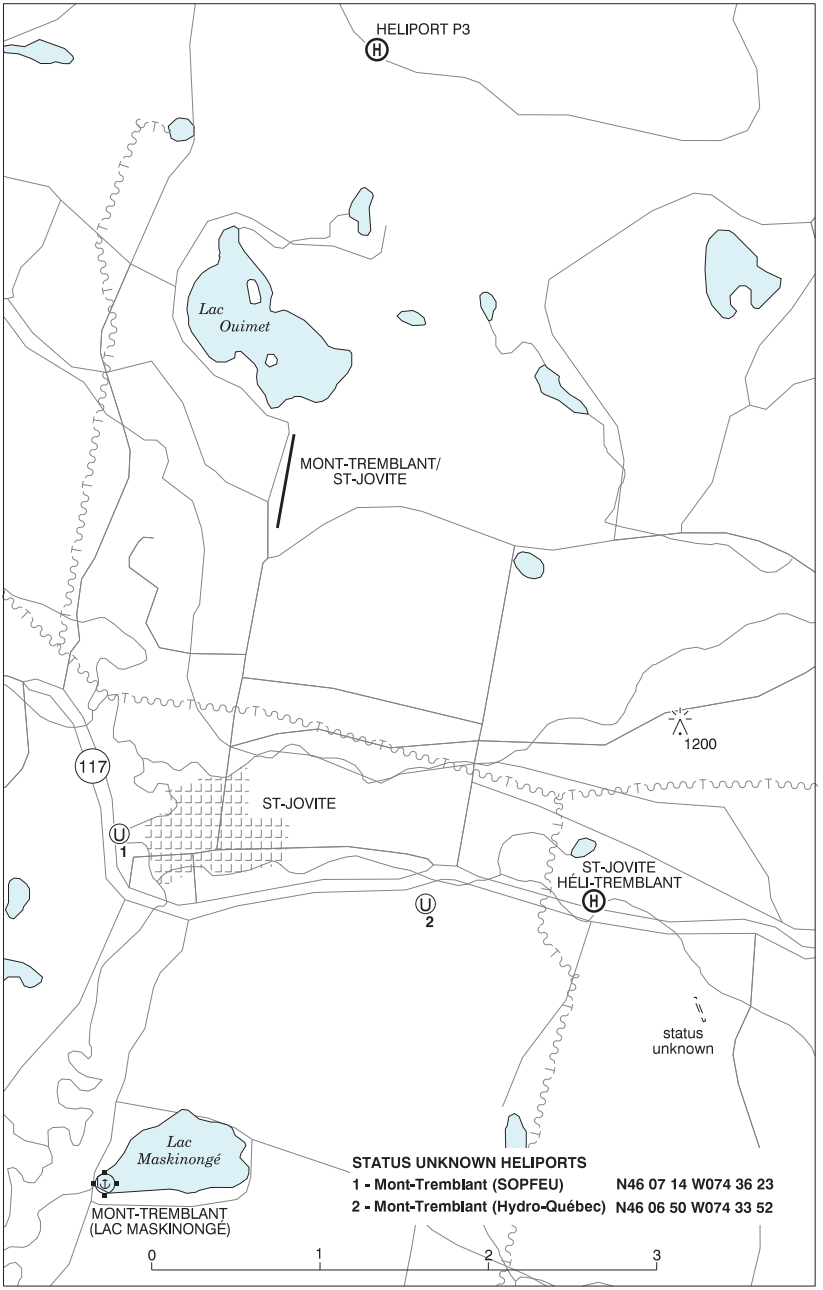
MONT-TREMBLANT / HELIPORT P3 QC (Heli) — CHP3



REF	N46 11 43 W74 34 16 Adj S 14°W (2016) UTC-5(4) Elev 915' aprx VTA A5002
OPR	Héli-Tremblant 819-425-5662 Fax 819-425-2862 Reg PPR
PF	B-3 C-5
FLT PLN FIC	Quebec 866-GOMETEO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO 40' x 40' GRVL TLOF 24' x 24' WOOD Safety Area 60' x 60' Max heli overall length 45'
RCR	Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3700 ASL
PRO	Arr/dep 330° fr heli, day use only. Several heliports/aerodromes within 5NM of Mont-Tremblant/St-Jovite A/D. Common freq. See Mont-Tremblant VTPC.

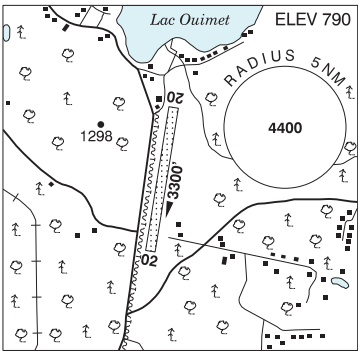
MONT-TREMBLANT QC — See LA MACAZA / MONT-TREMBLANT

MONT-TREMBLANT VFR TERMINAL PROCEDURES CHART



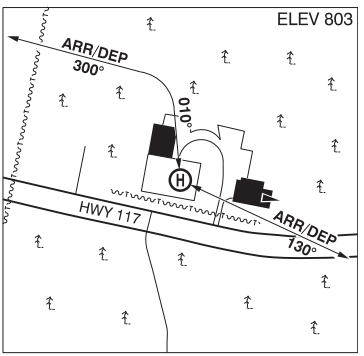
MONT-TREMBLANT / ST-JOVITE QC CSZ3

REF	N46 09 15 W74 35 01 1.7N 15°W UTC-5(4) Elev 790´ VTA A5002
OPR	Aéroport Mont-Tremblant Inc 819-425-9494 Reg PPR Ldg fees
PF	B-1 C-2,5 D-3,4,6 13-22Z‡
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 02/20 3300x150 GRASS Opr May 1-Oct 31 No win maint
COMM **ATF**	(bil) tfc 123.2 5NM 3800 ASL
PRO	No touch & go. No take-off or landing before 0900 lcl time or after 1800 lcl time. Several heliports/aerodromes within 5NM of Mont-Tremblant/St-Jovite A/D. Common freq. See Mont-Tremblant VTPC.
CAUTION	Hill 1298 ASL 0.25NM W of Thld 20.



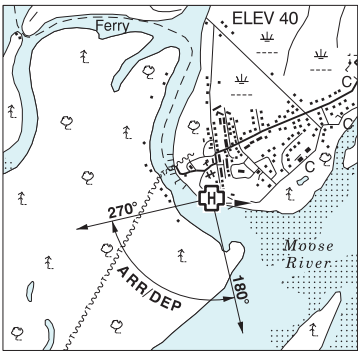
MONT-TREMBLANT / ST-JOVITE HÉLI-TREMBLANT QC (Heli) CHT3

REF	N46 06 52 W74 32 31 1ESE 15ºW UTC-5(4) Elev 803' VTA A5002
OPR	Héli-Tremblant 819-425-5662 Fax 819-425-2862 Reg PPR
PF	A-1 C-2,3,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL
HELI DATA **RCR**	FATO/TLOF 80' x 100' ASPH Opr
COMM **ATF**	(bil) tfc 123.2 5NM 3900 ASL
PRO	Arr/dep curved 010° to 300° fr heli. Arr/dep 130° fr heli. For noise mitigation follow the arr/dep paths as depicted on heli sketch. Avoid overflying heli below 1500 ASL before joining approach courses. Several heliports/aerodromes within 5NM of Mont-Tremblant/St-Jovite A/D. Common freq. See Mont-Tremblant VTPC.
CAUTION	P-line 1600' NW Heli 900 ASL (100 AGL) runs N-S. P-line along S side of FATO 830 ASL (30 AGL) runs along hwy.

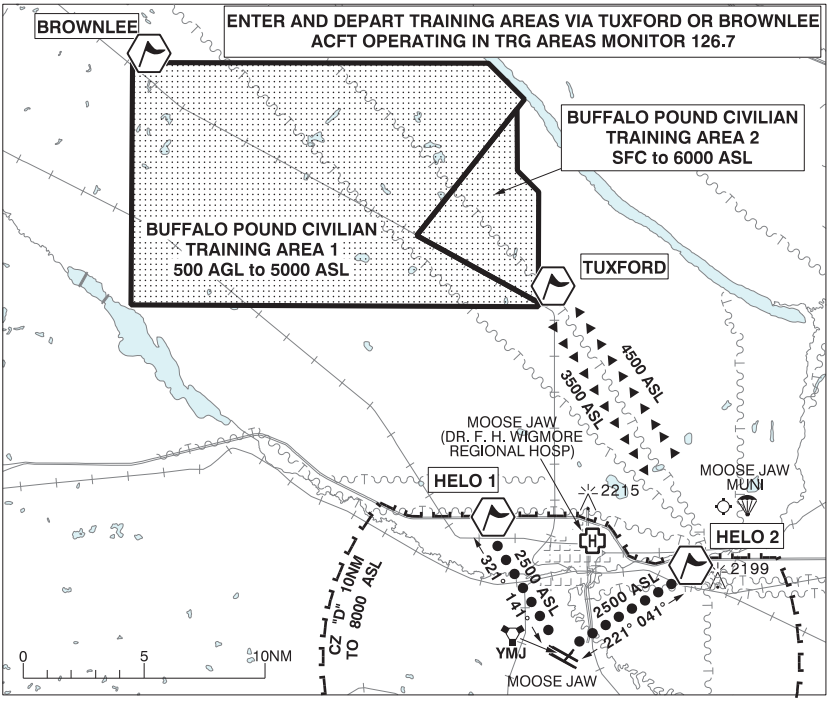


MOOSE FACTORY ON (Heli) CPN3

REF	N51 14 57 W80 37 02 Adj SW 13°W UTC-5 Elev 40´ A5009
OPR	Moose Factory Hosp 705-658-4544 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 87' x 87' GRASS TLOF 32' x 32' CONC Safety Area 110' x 100' Max heli overall length 58'
LIGHTING	RY(LO)
COMM RCO MF/ATF	 London rdo 123.475 (FISE) 126.7(bcst) Timmins rdo ltd hrs O/T tfc 122.5 3NM of CYMO A/D 3000 ASL (CAR 602.98)
PRO	Arr/dep 180° to 270° fr heli, day/night use. For heli ops btwn Moose Factory & Moosonee see Moosonee VTPC.



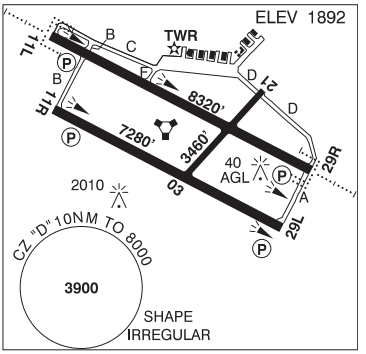
MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN VFR TERMINAL PROCEDURES CHART



MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BROWNLEE	VCBRO	N50° 44' 09" W106° 01' 17"
HELO 1	VCCOP	N50° 25' 00" W105° 38' 48"
HELO 2	VCROT	N50° 23' 00" W105° 26' 00"
TUXFORD	VCTXF	N50° 34' 32" W105° 34' 57"

MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN SK CYMJ



REF N50 19 49 W105 33 33 4S
9°E (2022) UTC-6 Elev 1892´ A5006
LO2 HI3 HI4 CAP

OPR DND Aeronautical Information Services 306-694-2222 Ext 5263 CSN 319-826-5263 All non-NFTC / CYMJ based acft PPR 48 hrs rqrd

PF B-1 D-2,3,4,5,6 no pax fac avbl. Nova msg rqrd stating ETA, stop-over duration & no of pax

CUST 15 Wing acft only call 306-780-6223/6218

FLT PLN
FIC Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
MIL CSN 319-826-5263
WX Met brief for mil only.
CSN 826-5260 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM). METAR dur flt ops. TAF dur flt ops, issue times depending on mil requirements.

SERVICES All tran arr & dep 48 hrs PPR thru 15 Wg AIS 306-694-2222 Ext 5263 CSN 319-826-5263. Mil tran svcg ltd 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri), 48 hrs PN or no svc avbl. All visiting acft rpt to 15 Wg AIS at 4 hg or ctc 694-2222 Ext 5263, upon arr & prior to dep.
FUEL F-34, SP, Avbl 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri) O/T 48 hrs PN.
OIL 128, 133, 148, SOAP
ARFF CAT 3
SUP FL LHOX
JASU CE13, 15, 16, CEA1

RWY DATA Rwy 11L(109°)/29R(289°) 8320x150 ASPH
Rwy 11R(109°)/29L(289°) 7280x150 ASPH
Rwy 03(034°)/21(214°) 3460x100 ASPH
RCR Opr CRFI 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri) clsd Sat & Sun. Hrs may vary without ntc.
Rwy 11R/29L PCN 62 F/D/X/T. Rwy 11L/29R PCN 139 F/D/X/T. Rwy 03/21 light acft only. Depression aprx 700´ to 900´ from thld 03, 15´ rgt of centreline Rwy 03, aprx 4 inches wide and 1.5 inches deep. Twy F max wt 35000lbs. Ramp W of TWR PCN 62 R/A/X/T. Ramp E of TWR PCN 34 R/A/X/T.

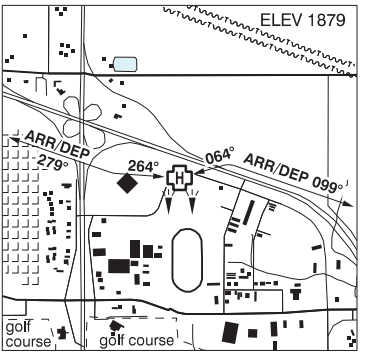
LIGHTING 03-(T ME), 21-(T ME), 11L-AF SF(TE HI) P2 GPI 979´ TCH 51´, 29R-AF SF(TE HI) P2 GPI 1033´ TCH 54´, 11R-(TE HI) P2 GPI 1000´ TCH 52´, 29L-(TE HI) P2 GPI 1000´ TCH 52´

MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN SK (Cont'd) CYMJ

COMM	Avbl 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri), A/D frequently clsd Sat & Sun. Opr dates & hrs may vary without notice.
ATIS	131.3 257.8
CLNC DEL	135.3 234.4
GND	121.8 275.8
TWR	126.2 295.6 310.8 322.6 (E)
TML	119.0 227.6 342.9 (E)
ARR	119.0 129.1 134.1x 227.6 289.4x 308.3x 318.8x 374.1x 378.5x 381.3x (E)
DEP	119.0 227.6 342.9 (E)
PMSV	344.6 ltd hrs.
NAV	
VORTAC	YMJ 113.4 Ch 81 N50 19 52 W105 33 48 (1898') VOR maint 2nd Mon of the month 13-14Z. TACAN maint 3rd Thu of the month 13-15Z.
DME	IBP or IMJ 109.3 Ch 30 N50 19 51 W105 33 48 Maint 2nd Mon of the month 12-14Z
ILS	IMJ 109.3 (Rwy 29R) RVR or IBP 109.3 (Rwy 11L) Maint 2nd Mon of the month 12-14Z
PAR	119.0 227.6 (E) 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri) clsd Sat & Sun. Hrs may vary without notice. PAR maint 1st Tue of the month 13-16Z. PSR/SSR maint 1st Fri of the month 12-14Z
PRO	A/D clsd to unauthorized acft outside of twr opr hrs 14-0030Z Mon-Fri (fr Nov 1 to Feb 15 1430-01Z Mon-Fri). Acft unable to establish two-way comm with CYMJ ATC are proh fr taxi, tkof or ldg at the A/D exc in an emerg. All RCAF acft requesting enroute apch during twr ops hrs do not require PPR. Apch req appr at the discretion of CYMJ ATS subj to tfc density. All tran acft must ctc CYMJ gnd on 121.8/275.8 prior to engine start. On climb out in VFR wx, all acft to not exceed 2500 ASL until beyond dep end of rwy. Rgt hand circuits Rwy 11R and 29R (CAR 602.96). Tfc Ptn - Convl 3000 ASL, Jet 3500 MSL. CZ may be active outside published hrs. Glider activity wknds & hols within 3 NM of AD max alt 10,000 ASL Paradrop activity to 12,000 ASL within 1.5NM of Moose Jaw Muni. **Civilian training areas:** See MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN VFR TERMINAL PROCEDURES CHART.
HELI	Dep & arr Helo 1 & 2 see VTPC. Arriving acft must ctc twr 295.6 or 126.2 prior to entering CZ & req Helo 1 or Helo 2 arr. Intercept inbound track within 10NM. Heli parking positions as directed by ATC (normally west side of control tower).
NOISE	All mil acft shall avoid flying over the city of Moose Jaw below 5000 ft ASL.
CAUTION	Rwy 21 - PSR twr 2010 ASL loc 2034' along & 767' rgt of dep end centreline. Twy Bravo between Rwy 11L & Rwy 11R is restricted to locally based Harvard, Hawks & Tutor acft only. RPAS, 3.5NM NW of aerodrome YMJ R333 3.5 DME posn (N50 23 18 W105 35 12) max alt 400 AGL.

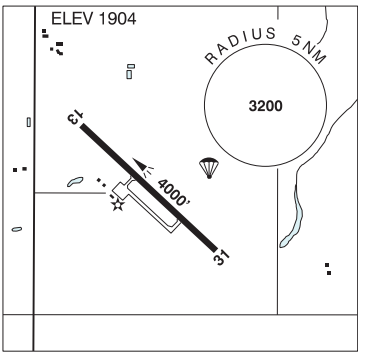
MOOSE JAW (DR. F. H. WIGMORE REGIONAL HOSP) SK (Heli) CWH6

REF	N50 25 12 W105 31 32 Adj N 10°E (2016) UTC-6 Elev 1879' A5006
OPR	Dr. F.H. Wigmore Regional Hosp 306-694-0275 Cert PPR
PF	A-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4'
RCR	Opr
LIGHTING	RW (LO) yellow
COMM	
MF	Moose Jaw (CYMJ) TWR 126.2 ctc within 10NM 4900 ASL
PRO	Arr/dep curved 064° to 099° fr heli, slope 16% (H2), day/night use. Arr/dep curved 264° to 279° fr heli, slope 16% (H2), day/night use.
CAUTION	Lgt poles W, N, E of heli, marked with obst lgts. Hosp S of heli marked with lgts.



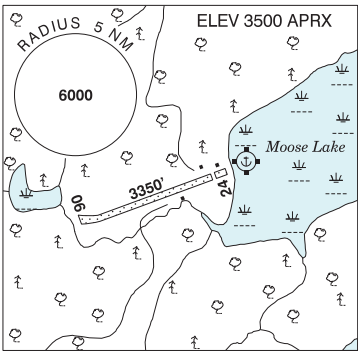
MOOSE JAW MUNI SK CJS4

REF	N50 26 01 W105 23 10 7ENE 10°E (2013) UTC-6 Elev 1904′ A5006 LO2 CAP
OPR	Provincial Airways 306-692-7335 (After hrs 306-630-8870) Reg
PF	D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA-1 (FSII Avbl) Self-serve
OIL	All
RWY DATA	Rwy 13(125°)/31(305°) 4000x75 ASPH AGN IIIA
RCR	Opr
LIGHTING	13-(TE LO), 31-(TE LO) ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4900 ASL excluding the CYMJ Class "D" CZ. Aprt in close proximity to CFB Moose Jaw Class "D" CZ, for flt info ctc TWR 126.2
PRO	Rgt hand circuits Rwy 31 (CAR 602.96). **Civilian training areas**: See MOOSE JAW / AIR VICE MARSHAL C.M. McEWEN VFR TERMINAL PROCEDURES CHART
CAUTION	Ocsl parajump activity within 2NM of A/D daylight hours Apr 1-Nov 15, activated by NOTAM, max alt 12,500 ASL. P-line 2046 ASL 0.4NM SE Thld 31.



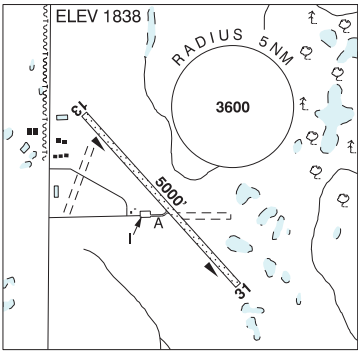
MOOSE LAKE (LODGE) BC — CAS2

REF	N53 04 24 W125 24 33 19°E (2012) UTC-8(7) Elev 3500´ aprx A5013
OPR	Moose Lake Lodge 250-742-3535 Reg PPR
PF	B-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 06/24 3350x40 GRASS/GRVL Thld 24 displ 250´ Rwy 24 aprx up 2%. W end 400' doglegs to N width 150' Opr No win maint
COMM ATF	tfc 122.8 5NM 6500 ASL
CAUTION	Brush to 10´ adj rwy. Sfc unprepared outside rwy edge. Gnd slopes down fr rwy edge along S side.

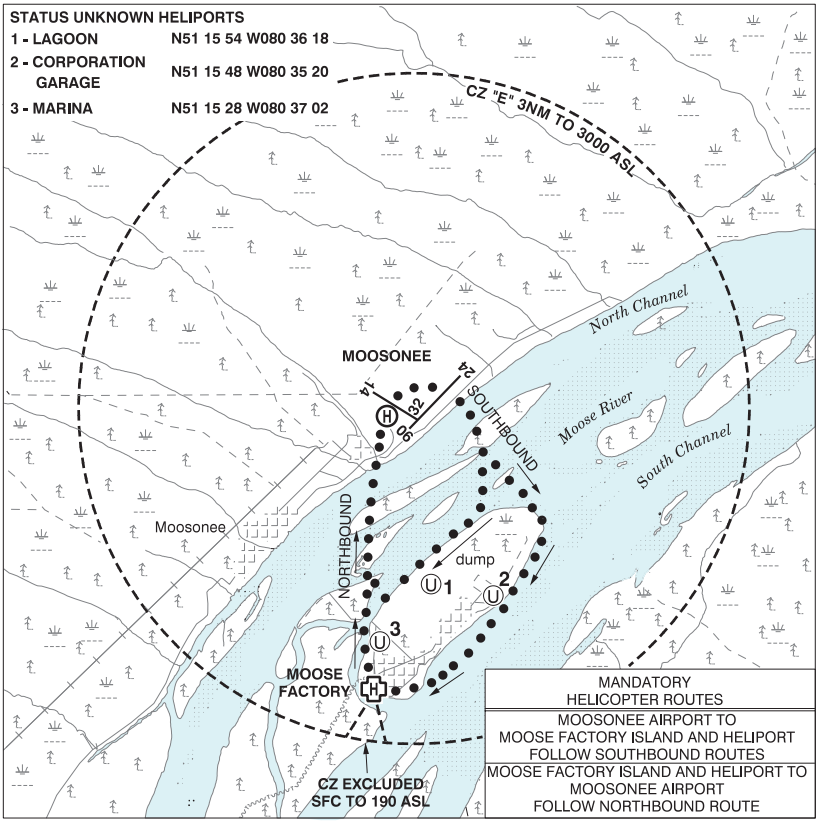


MOOSOMIN / MARSHALL McLEOD FIELD SK — CJB5

REF	N50 10 05 W101 38 32 2NE 7°E (2015) UTC-6 Elev 1838´ A5006 LO2 LO4 CAP
OPR	Rural Municipality of Moosomin 306-435-2398/434-7172 Reg
PF	C-1,2,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA))
SERVICES FUEL OIL	100LL 80, 100
RWY DATA RCR	Rwy 13(132°)/31(312°) 5000 x75 GRVL AGN II Opr
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4900 ASL

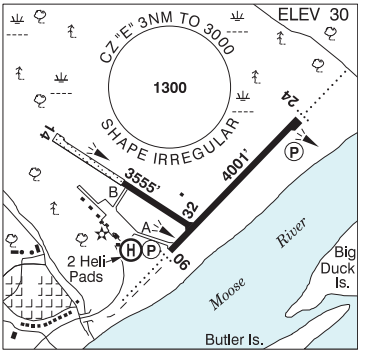


MOOSONEE VFR TERMINAL PROCEDURES CHART



MOOSONEE ON CYMO

REF	N51 17 31 W80 36 30 2N 13°W UTC-5(4) Elev 30´ A5009 LO3 HI1 HI4 CAP
OPR	Corporation of the Town of Moosonee 705-336-2731/2681 Cert
PF	A-1,2 C-3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 0540, 1140, 1740, 2340Z. WxCam

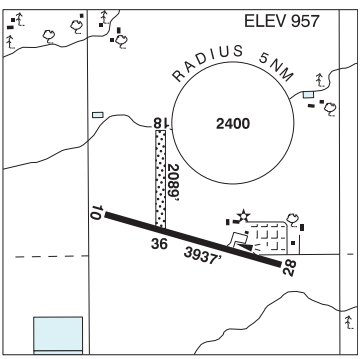


MOOSONEE ON (Cont'd) CYMO

SERVICES	Call out chg may be levied for one or more svcs. 12-02Z‡ Sun-Fri, 12-23Z‡ Sat, O/T 705-336-3517.
FUEL	JA-1
OIL	100
RWY DATA	Rwy 06(057°)/24(237°) 4001x100 ASPH Rwy 14(136°)/32(316°) 3555x100 GRVL/ASPH (1682′ ASPH, 1872′ GRVL)
RWY CERT	Rwy 06/24 AGN IIIA Rwy 14/32 AGN IIIA
RCR	Opr CRFI/RSC avbl ltd hrs. PLR/PCN
LIGHTING	06-AO(TE ME) AP, 24-AO(TE ME) AP, 14-(TE ME), 32-(TE ME) ARCAL-122.5 non-std type K, can activate low or medium with 3 or 5 mic keys, system sensitive avoid rapid keying
COMM	
RCO	Timmins rdo 122.5 PTC avbl (RAAS) 12-02Z‡ London rdo 123.475 (FISE) 126.7(bcst)
MF	Timmins rdo ltd hrs O/T tfc 122.5 3NM 3000 ASL (CAR 602.98)
PAL	Toronto Ctr 133.725
AWOS	124.8
NAV	
VOR/DME	YMO 112.9 Ch 76 N51 17 29 W80 36 26
PRO	For heli ops btwn Moosonee & Moose Factory see Moosonee VTPC. That portion of CZ excluded within brg 180° clockwise to 225° fr Moose Factory heli, sfc to 190 ASL. See DAH. Rgt hand circuits Rwys 24 & 32 (CAR 602.96).
CAUTION	Extv heli activity final apch area Rwy 06. Daily radiosonde balloon launches with an ascent rate of 1000 ft/min between the hours of 1115-1345Z and 2315-0145Z. Extv bird activity Apr-Jun and Aug-Nov.

MORDEN REGIONAL MB CJA3

REF	N49 12 38 W98 03 38 2NE 4°E (2014) UTC-6(5) Elev 957' A5007 LO4 RCAP
OPR	City 204-822-4434 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA 204-325-3217
OIL	All
S	1,2,3,4,5



RWY DATA	Rwy 10(102°)/28(282°) 3937x75 ASPH Rwy 18(176°)/36(356°) 2089x100 GRASS
RCR	Opr 204-325-3601, 204-362-2780 Ltd win maint Rwy 10/28, no win maint Rwy 18/36
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-123.0 type J
COMM	
ATF	tfc 123.0 5NM 4000 ASL
PRO	Std circuit hgt 2000 ASL. Ultralight circuit hgt 1500 ASL

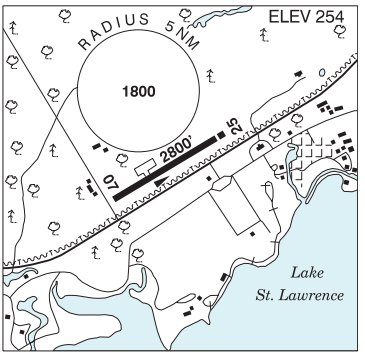
MORINVILLE (CURRIE FIELD) AB — See EDMONTON / MORINVILLE (CURRIE FIELD)

MORINVILLE (MIKE'S FIELD) AB — See EDMONTON / MORINVILLE (MIKE'S FIELD)

MORRISBURG ON

CNS8

REF	N44 57 W75 05 4.7ENE 14°W UTC-5(4) Elev 254´ A1905 A5002
OPR	St Lawrence Parks Comsn 613-543-3704 Fax 613-543-2847 Reg
PF	B-1 C-2,4 D-3,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07/25 2800x75 ASPH Thld 25 displ 150´. Opr May 16-Oct 15 No win maint
COMM ATF	tfc 123.2 5NM 3300 ASL

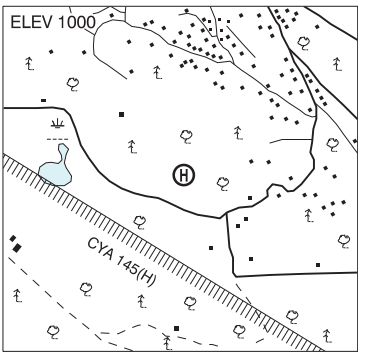


MOUNTAIN VIEW ON — See TRENTON / MOUNTAIN VIEW

MOUNT BELCHER BC (Heli)

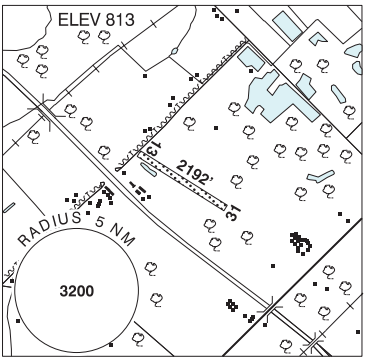
CMBH

REF	N48 49 58 W123 30 19 17°E (2014) UTC-8(7) Elev 1000´ VTA A5004
OPR	Don Arney 250-537-6507 Reg PN
PF	B-1 D-2,3,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	14´ dia concrete 100´ x 100´ Opr 17-05Z‡
COMM TWR	Victoria 119.7 (inner) 119.1 (outer) (E) 14-08Z‡ O/T tfc 119.1 abv 1200 ASL
ATF	tfc 123.2 5NM 1200 ASL exc area within Victoria Intl CZ
TML	Victoria 127.8 abv 2500 ASL
CAUTION	Subject to erratic winds.



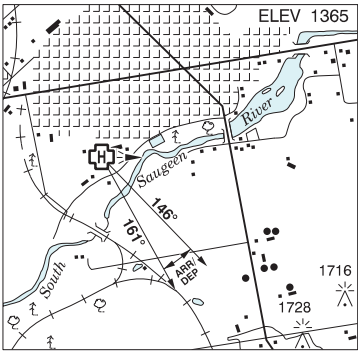
MOUNT BRYDGES / WARREN FIELD ON — CWF3

REF	N42 56 09 W81 28 39 1.8NE 9°W (2015) UTC-5(4) Elev 813' A5000
OPR	Mark Matthys 519-870-9237 Reg
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 13(131°)/31(311°) 2192x80 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 3800 ASL
PRO	Do not overfly farm house at S end of rwy.
CAUTION	Hydro wires on apch to Rwy 13. Irrigation pond first 50' to the W of Rwy 13. Trees 430' from Thld 13. Cell phone tower aprx 1NM S of airfield. Ocsl target shooting 1000' NE of A/D. Ocsl RPAS on A/D max 400 AGL.



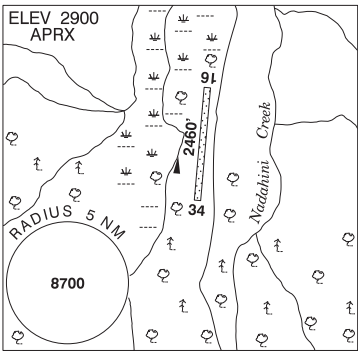
MOUNT FOREST (LOUISE MARSHALL HOSP) ON (Heli) — CPA2

REF	N43 58 27 W80 44 15 Adj 10°W UTC-5(4) Elev 1365´ VTA A5000
OPR	Mount Forest (Louise Marshall Hosp) 519-323-2210 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 116' dia Max heli overall length 57.3'
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep 146° to 161° fr heli, slope 8% (H3), day/night use.
CAUTION	Twr 300 AGL 1NM SE within arr/dep path.



MULE CREEK BC — CBS4

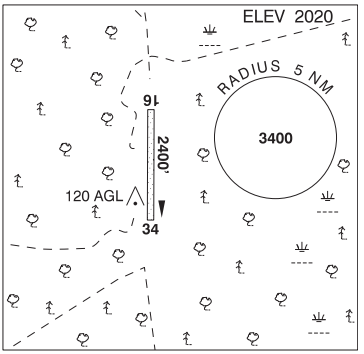
REF	N59 46 29 W136 35 41 21°E (2012) UTC-8(7) Elev 2900´ aprx A5021
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA **RCR**	Rwy 16(164°)/34(344°) 2460x65 GRVL Opr No maint
COMM **ATF**	tfc 123.2 5NM 5900 ASL
CAUTION	Numerous holes in rwy caused by gophers. Ditches 10´ from rwy, full length, either side.



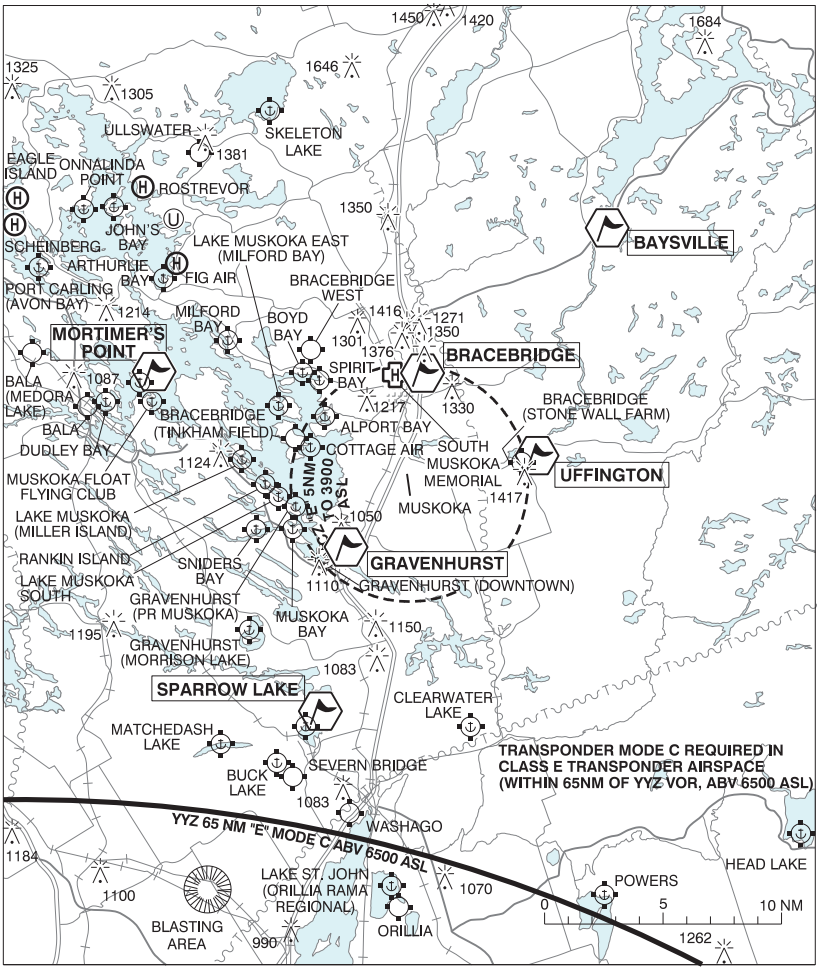
MUNRO ON — See FULLARTON / MUNRO

MUSKEG TOWER AB — CFW4

REF	N57 08 15 W110 53 33 15°E (2012) UTC-7(6) Elev 2020´ A5023
OPR	Alberta Environment and Sustainable Resource Development, Forestry and Emergency Response Division Fort McMurray 780-743-7120 Reg
FLT PLN **FIC** **ACC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 16/34 2400x75 GRASS Opr Ltd maint. No win maint
COMM **ATF** **A/G**	tfc 123.5 5NM 3200 ASL (see PRO) tfc 123.2
PRO	Air tfc advsy freq 123.5 North Oil Sands Area. See Fort MacKay VTPC and Section C – Areas With Discrete Air-To-Air Frequencies.

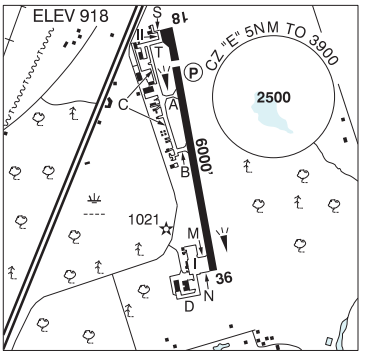


MUSKOKA VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BAYSVILLE	VCBZV	N45° 09' 00" W079° 07' 00"
BRACEBRIDGE	VCBRB	N45° 03' 00" W079° 18' 30"
GRAVENHURST	VCGRH	N44° 55' 15" W079° 22' 45"
MORTIMER'S POINT	VCMRT	N45° 02' 45" W079° 33' 30"
SPARROW LAKE	VCSPZ	N44° 49' 00" W079° 23' 30"
UFFINGTON	VCUFF	N44° 59' 00" W079° 11' 45"

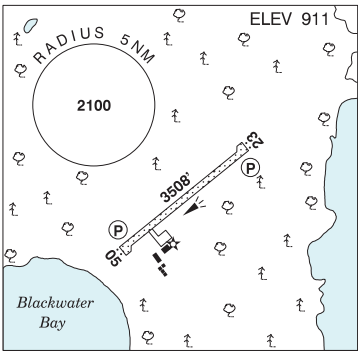
MUSKOKA ON — CYQA



REF	N44 58 35 W79 18 24 4S 11°W UTC-5(4) Elev 918' A5000 LO6 HI5 CAP
OPR	District Municipality of Muskoka 705-687-2194 Cert
PF	A-1 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 14-22Z‡ dly, Jun 15-Sep 17; 14-22Z‡ Mon-Fri exc hols, Sep 18-Jun 14
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF 13-03Z‡, issue times: 13, 20Z (DT 12, 14 & 20Z). WxCam
SERVICES	13-23Z‡ Mar 15-May 14, 12-01Z‡ May 15-Sep 14, 13-23Z‡ Sep 15-Nov 14, 11-02Z‡ Nov 15-Mar 14. After hrs call out chg.
FUEL	100LL, JA-1 (FSII avbl), SP
OIL	All
S	1,2,3,4,5,6
JASU	10/15
MILCON	District Municipality of Muskoka (World Fuel Services) 705-687-2194
RWY DATA	Rwy 18(181°)/36(001°) 6000x150 ASPH Thld 18 displ 800´.
RWY CERT	Rwy 18/36 AGN IIIB
TWY CERT	Twy: A, B, C, D, M, S, T AGN II
TWY	Twy A, B, C: Rstd to acft with a wingspan of less than 24M/79´. Twy C, D: PVT Twy D, M, S, T: No designators on hold signs.
APRON	Apron I win maint on S side only. Prkg fees ctc opr.
RCR	Opr CRFI/RSC & win maint 11-02Z‡. PLR/PCN
LIGHTING	18-(TE ME) P1, 36-(TE ME) ARCAL-122.3 type K
COMM	
RCO	Timmins rdo 122.3 (RAAS) London 123.475 (FISE) 126.7(bcst)
MF	Timmins rdo 122.3 5NM 3900 ASL (CAR 602.98)
AWOS	124.575
CAUTION	100 AGL trees aprx 2000' beyond Thld 36, 600' W rwy centre line.

MUSKRAT DAM ON — CZMD

REF	N53 26 29 W91 45 46 2N 3°W (2013) UTC-6(5) Elev 911´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-471-2576 14-23Z‡ Mon-Fri exc hols Cert
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF 11-23Z‡, issue times: 1040, 1740Z (DT 0940, 1640Z)



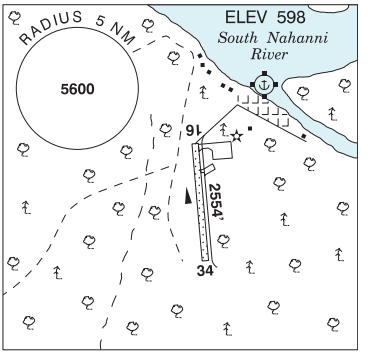
RWY DATA	Rwy 05(052°)/23(232°) 3508x100 GRVL Rwy 23 down 0.43%
RWY CERT	Rwy 05/23 AGN IIIA
RCR	Aprt Foreperson 807-627-5803 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	05-AS(TE ME) AP, 23-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4000 ASL
AWOS	124.45

M.Y. AIRFIELD AB — See CHIPMAN / M.Y. AIRFIELD

NAHANNI BUTTE NT

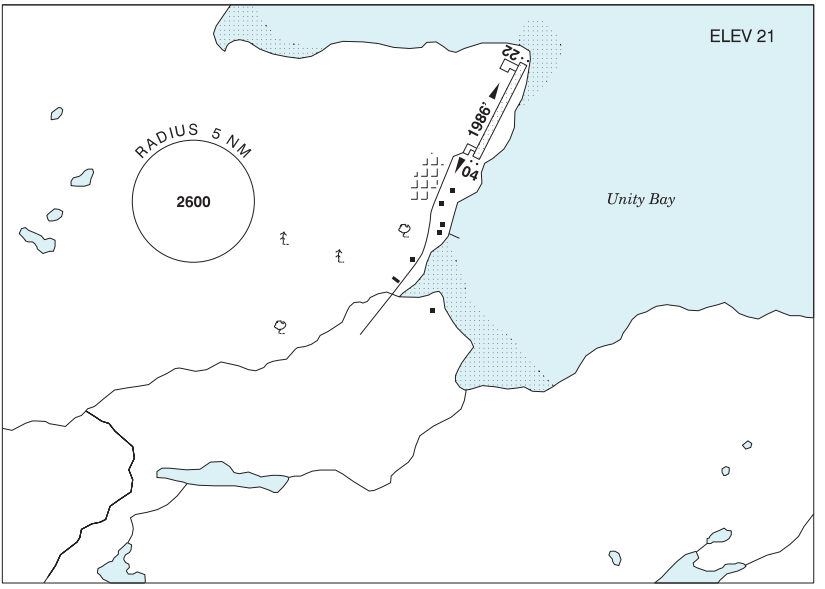
CBD6

REF	N61 01 47 W123 23 18 19°E (2020) UTC-7 Elev 598´ A5029 LO5 CAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt 877-989-1400 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 16(159°)/34(339°) 2554x49 gravel/earth AGN I
RCR	Opr Win maint 15-22Z‡ Mon-Fri exc hols, O/T 2 hrs PN 867-695-6688. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	16-(TE LO), 34-(TE LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 3600 ASL
CAUTION	Buffalo may stray on to rwy. Recommend low apch to verify rwy not obstructed prior to landing. Unmarked high terrain around A/D. Lgt for MEDEVAC and emerg use.



NAIN NL

CYDP



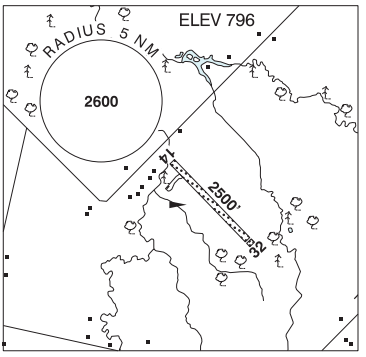
REF	N56 33 02 W61 40 56 22°W (2021) UTC-4(3) Elev 21´ A5027 LO5 HI1 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert (Day Ops only)
PF	C-1,2,4,5

NAIN NL (Cont'd) CYDP

FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR 09-24Z‡ O/T LWIS TAF 11-24Z‡, issue times: 11, 14, 20Z (DT 10, 14, 20Z)
RWY DATA	Rwy 04(041°)/22(221°) 1986x75 GRVL
RWY CERT	Rwy 04/22 AGN II
APRON	Acft prkg not permitted on that portion of the S apron within 30´ of apron edge.
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc Opr 709-922-2263/2728
LIGHTING	04-AS, 22-AS ARCAL-122.8 type K
COMM	
RCO	London rdo 123.65 (FISE)
ATF	tfc 122.8 5NM 3000 ASL See PRO section
NAV	
NDB	YDP 247 (M) N56 32 02 W61 41 30
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Wind direction 270°-360° can cause turbulence & downdraft. Hills to 800 ASL 5000´ W of Thld 04. Terrain to 300' ASL 0.8NM SW and to 700' ASL 1.4NM SW Thld 04 within apch Rwy 04/tkof Rwy 22. Terrain marked with daytime markings.

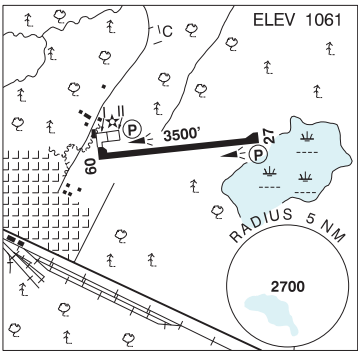
NAIRN (TRIPLE NICKEL) ON CTN8

REF	N43 02 47 W81 36 11 4.4SW 9°W (2019) UTC-5(4) Elev 796´ A5000
OPR	M. Bale 519-280-3612 Reg
PF	C-1,2,3,4,5,7,8
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	4,5
RWY DATA	Rwy 14(143°)/32(323°) 2500x80 GRASS Thld 32 displ 100'
RCR	Opr No win maint. Rwy soft dur spring and heavy rain.
COMM	
ATF	tfc 123.2 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 32 (CAR 602.96).
CAUTION	Trees 40 AGL at thld 32. Unmarked P-lines 40' AGL on apch Rwy 14, 380 fr thld. Lgtd twr 1091 ASL (295 AGL) 1NM E of A/D. Numerous wind turbines W and NW of A/D aprx 400 AGL. Frequent Heli activity. Wildlife frequently on rwy.



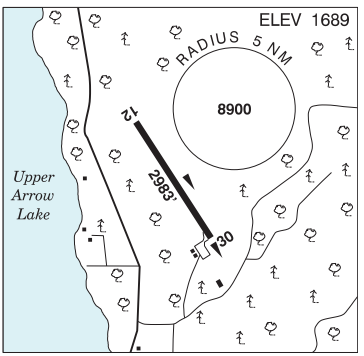
NAKINA ON — CYQN

REF	N50 10 59 W86 41 51 Adj 7°W (2012) UTC-5(4) Elev 1061´ A5008 LO4 CAP
OPR	The Loomex Group 807-329-5919 12-22Z‡ Mon-Sat O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25 Cert
PF	A-1 C-2,4,5 D-3
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	12-22Z‡ Mon-Sat O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25. Call out chg after hrs.
FUEL	100LL, JA-1 (FSII avbl) After hrs ctc 807-853-6540/854-8200
S	4,6
RWY DATA	Rwy 09(091°)/27(271°) 3500x100 ASPH
RWY CERT	Rwy 09/27 AGN IIIA
APRON	Apron II Pvt PN 807-329-5752
RCR	Opr 12-22Z‡ Mon-Sat O/T 1 hr PN, exc 1 hr PPR Jan 1 & Dec 25. Call out chg after hrs CRFI
LIGHTING	09-(TE LO) AP, 27-(TE LO) AP ARCAL-122.8 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL
PRO	Consistent with safety, no turns to be made over the built up area of town.

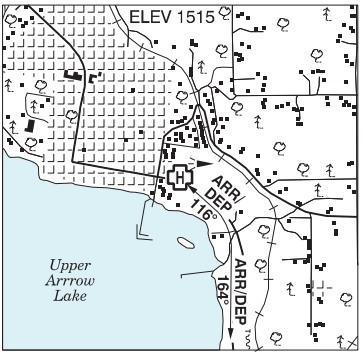


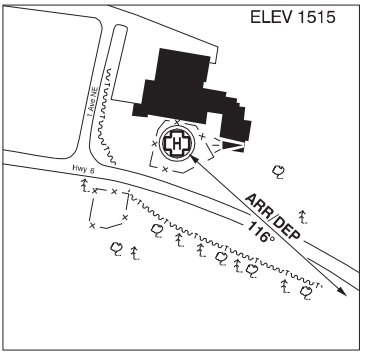
NAKUSP BC — CAQ5

REF	N50 16 00 W117 48 47 1.3NNW 16°E (2013) UTC-8(7) Elev 1689´ A5005 LO2
OPR	Village 250-265-3689 Reg
PF	C-1,2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 12(131°)/30(311°) 2983x75 ASPH Lowest elev 1680 aprx mid rwy. Rwy 12 down 1.5% and Rwy 30 down 0.9%
RCR	Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4700 ASL
PRO	Rgt hand circuits Rwy 12 (CAR 602.96).



NAKUSP (ARROW LAKES HOSP) BC (Heli) CAL2

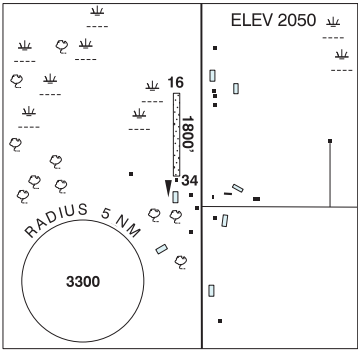




REF	N50 14 18 W117 47 43 Adj 16°E (2013) UTC-8(7) Elev 1515' A5005
OPR	Interior Health Authority 250-265-3622 Reg PPR
PF	B-1,4 C-2,3,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 64' dia GRASS TLOF 33' dia CONC Safety Area 85' dia Opr
COMM **ATF**	Nakusp tfc 123.2 5NM 4700 ASL
PRO	Arr/dep curved flt path 116° to 164° fr heli, slope 12%, day only.
CAUTION	Marked P-lines adj W and S of heli.

NAMPA / HOCKEY AB CNP6

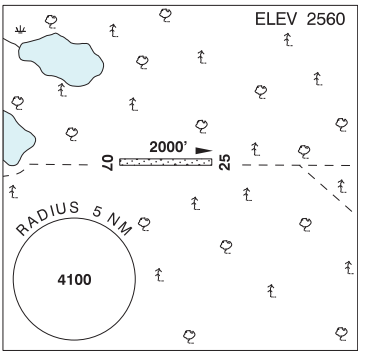
REF	N55 54 52 W117 08 07 7.4S 18°E (2012) UTC-7(6) Elev 2050´ A5014
OPR	Burt Hockey 780-925-2383 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 16(162°)/34(342°) 1800x50 GRASS Opr No win maint
COMM **ATF**	tfc 123.2 5NM 5100 ASL
CAUTION	50' trees at the dep end of Rwy 16, 100' twr 1000' SE Thld Rwy 34 and 200' twr 0.75NM SW Thld Rwy 34. Extv migratory bird activity spring and fall



NAMUR LAKE AB

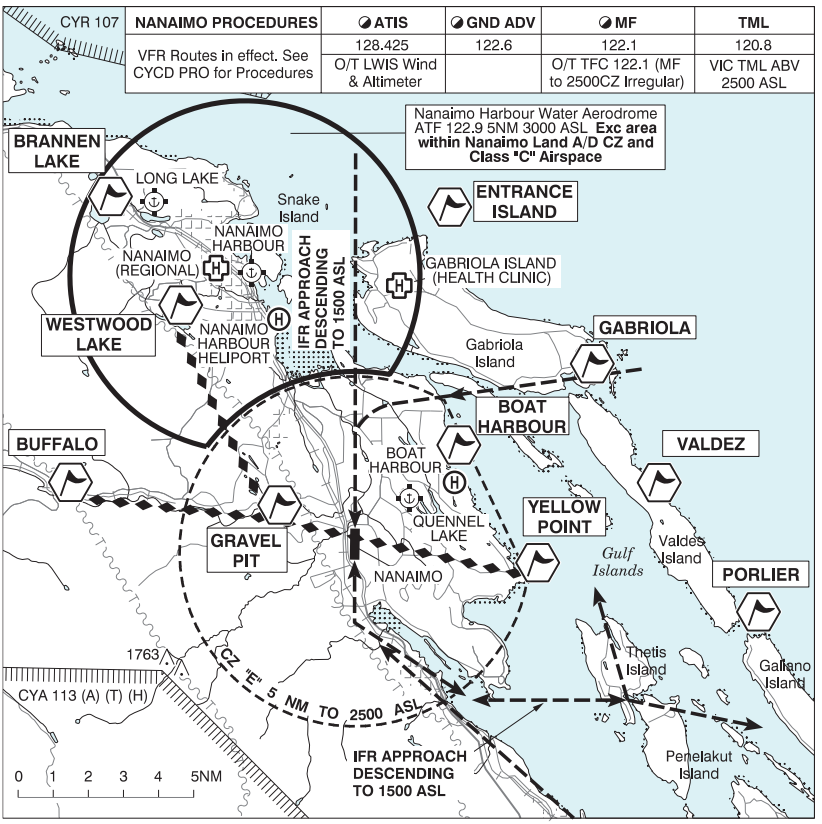
CFB5

REF	N57 23 W112 48 16°E (2012) UTC-7(6) Elev 2560´ A5023
OPR	Namur Lake Lodge, Fort McMurray 780-791-9299 Reg PPR May 1-Sep 15
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 07(074°)/25(254°) 2000x100 GRASS Opr No win maint. Rwy soft when wet
COMM **ATF**	 tfc 123.2 5NM 5600 ASL
CAUTION	Rising terrain 0.5 mile E of A/D



NANAIMO VFR TERMINAL PROCEDURES CHART

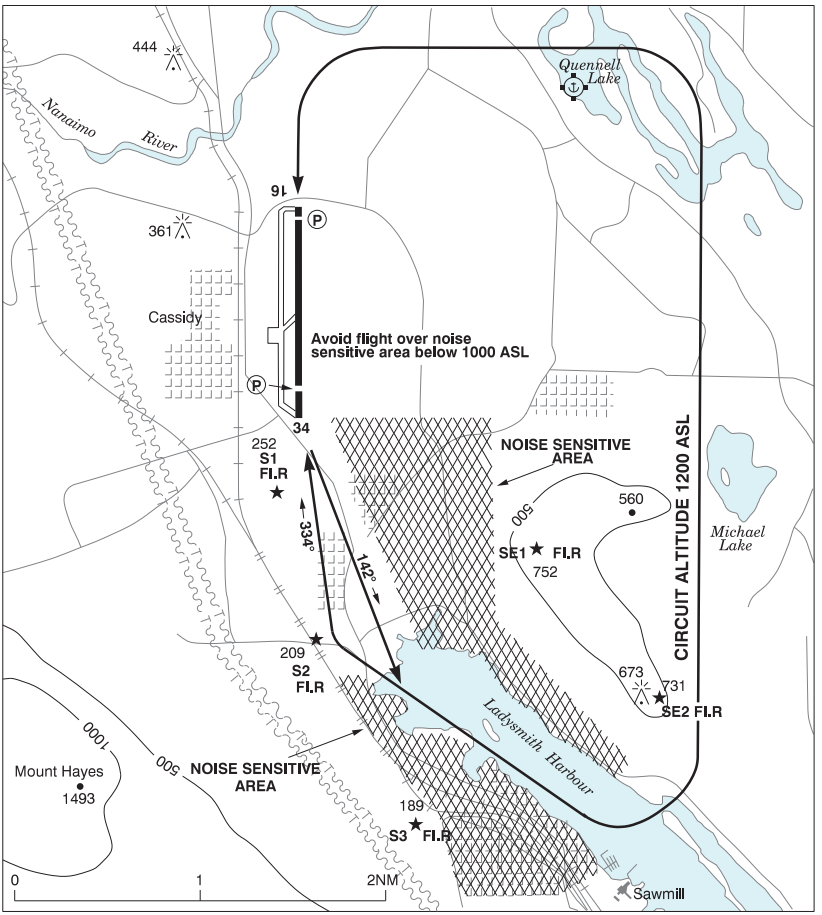
CYR 107	NANAIMO PROCEDURES	ATIS	GND ADV	MF	TML
	VFR Routes in effect. See CYCD PRO for Procedures	128.425 O/T LWIS Wind & Altimeter	122.6	122.1 O/T TFC 122.1 (MF to 2500CZ Irregular)	120.8 VIC TML ABV 2500 ASL



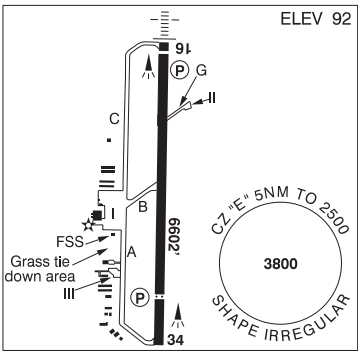
NANAIMO VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BOAT HARBOUR	VCBHB	N49° 05' 30" W123° 47' 55"
BRANNEN LAKE	VCBNL	N49° 12' 50" W124° 03' 15"
BUFFALO	VCBUF	N49° 04' 42" W124° 05' 00"
ENTRANCE ISLAND	VCENT	N49° 12' 24" W123° 48' 24"
GABRIOLA	VCGAB	N49° 08' 06" W123° 42' 18"
GRAVEL PIT	VCGRA	N49° 04' 04" W123° 55' 54"
PORLIER	VCPOR	N49° 01' 00" W123° 35' 06"
VALDEZ	VCVAL	N49° 04' 42" W123° 39' 24"
WESTWOOD LAKE	VCWWL	N49° 10' 00" W124° 00' 00"
YELLOW POINT	VCYPT	N49° 02' 20" W123° 44' 50"

NANAIMO VFR TERMINAL PROCEDURES CHART - CIRCUIT PROCEDURES



NANAIMO BC — CYCD

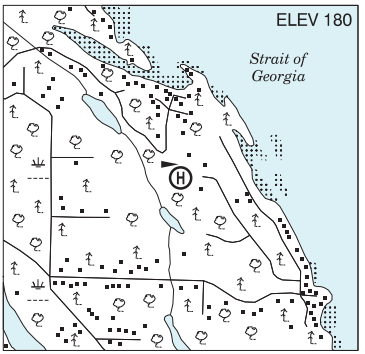


REF	N49 03 16 W123 52 12 7SSE 17°E (2015) UTC-8(7) Elev 92´ VTA A5004 LO2 HI3 T1 CAP
OPR	Commission 250-245-2157 Cert Ldg fees
PF	A-1,2,3,6 C-5 D-4
CUST	AOE/20 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333
WX	METAR 1400-0500‡ O/T LWIS AUTO (see COMM) TAF 16-05Z‡, issue times: 16, 18, 24Z (DT 15, 18, 24Z).
SERVICES	Call-out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl) Enex Aviation Self serve H24, full svc 17-01Z‡ Mon-Fri, O/T call out avbl PN 250-924-3639; Nanaimo Flying Club 604-227-9274 (100LL only) Self serve H24 cardlock
OIL	All
S	2,3,4,5
ARFF	DESIGNATED CAT 6 1330-0800Z‡ for sked acft 20 seats and abv, O/T 2 hr PN cost recovery
RWY DATA	Rwy 16(164°)/34(344°) 6602x150 ASPH Thld 16 displ 197' Thld 34 displ 1002'
RWY CERT	Rwy 34 RVR 1200(1/4sm) Rwy 16/34 AGN IIIB
TWY CERT	Twy G AGN I
TWY	Twy G unlighted, rstd day time use only, max wt 5000 lbs Twy G wt greater than 5000 lbs PPR 250-618-0875.
APRON	Prkg plan in effect. CBSA and corporate turbine acft must park along N edge of Apron I PPR 250-618-0875. No exceptions. Corp turbine acft access groundside via Gate 19A only. PPR for access/egress via tml bldg. Remaining Apron I rstd to sked tfc only. Piston acft not permitted to use Apron I due apron congestion. No exceptions. Altn prkg avbl on Apron III at Nanaimo Flying Club (NFC) ctc 604-227-9274.
RCR	Opr Win maint 1330-0700Z‡ dly, O/T 2 hrs PN CRFI, PLR/PCN
LIGHTING	16-AW(TE HI) P2, 34-AS(TE HI) P2 3.5° PAPI limitation/restriction. PAPI Rwy 34 offset 8° rgt. PAPI 34 to be used only within 3NM of thld. Lgts O/R FSS dur hrs of ops, O/T ARCAL-122.1 type K.
COMM	
RADIO	122.1 291.8 (V) 1330-0530Z‡ (emerg only 250-245-4032)
RCO	Pacific rdo 126.0 (FISE)
ATIS	128.425 1-877-517-2847 14-05Z‡
GND ADV	122.6 PTC avbl 1330-0530Z‡ (emerg only 250-245-4032)
MF/ATF	rdo 122.1 1330-0530Z‡ O/T tfc 122.1 CZ shape irregular 5NM 2500 ASL (CAR 602.98)
TML	Victoria 120.8
ARR	Victoria Tml 121.075 252.3
DEP	Victoria Tml 121.075 252.3
AUTO	128.425 05-14Z‡
NAV	
NDB	YCD 251 (M) N49 07 40 W123 52 18
DME	ICD 110.350 Ch 40(Y) N49 03 38 W123 52 07 (108')
ILS	ICD 110.350 (Rwy 16) LOC reliable only within 10° either side of centreline.

NANAIMO BC (Cont'd) CYCD

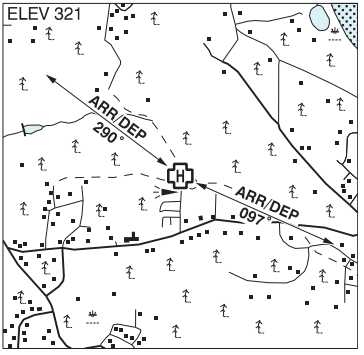
PRO	**AIRPORT RESTRICTION:** Pursuant to CAR 602.96 (3)(d) aprt use rstd to acft with a wingspan of less than 118'. **CIRCUITS:** See NANAIMO VTPC - CIRCUIT PROCEDURES Circuit alt 1200 ASL. Avoid flt over built-up areas below 1000 ASL. RWY 34: Rgt hand circuits (CAR 602.96). Maintain 1200 ASL til over Ladysmith Harbour. RWY 16: Climb to safe alt. Left turn hdg 142° til over Ladysmith Harbour. Climb over Harbour to 1000 ASL BPOC. **ARRIVAL PROCEDURES:** Obtain ATIS message on 128.425 prior to establishing contact on MF 122.10. Establish contact 5 min prior to entering CZ. VFR INBOUND from SW-W-NW-N: Follow VFR transit routes to GRAVEL PIT cross overhead midfield to join into downwind. VFR INBOUND from E-SE-S: Follow VFR transit routes. Rwy 16 via YELLOW PT to join into downwind. Rwy 34 via Ladysmith Harbour to join offset final. **DEPARTURE PROCEDURES:** VFR departing SE-S Rwy 16, to reduce the risk of conflict with IFR aircraft, VFR aircraft are expected to fly outbound over Ladysmith Harbour at 1000 ASL or below until clear CZ. **VFR TRANSIT PROCEDURES:** N and W bound traffic expected to transit CZ at 2000 ASL or above following VFR transit route via YELLOW PT-GRAVEL PIT. S and E bound traffic expected to transit CZ at 2000 ASL or above following VFR transit route via GRAVEL PIT-YELLOW PT. **NOISE ABATEMENT PROCEDURES:** Recommended minimum altitude over built up areas and Gulf Islands is 2000 ASL. **PROCEDURES FOR CROSSING SOUTHERN STRAIT OF GEORGIA:** Within TML Class C airspace refer to VTA and Vancouver Intl VTPC for Crossing the Southern Strait of Georgia. **ATS REQUIREMENTS**: All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 126.0 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows, or call Kamloops FIC at 866-541-4101 or PAC RDO 126.0. - All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 126.0 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary. **GROUND ADVISORY**: The Minister has authorized specific operating restrictions regarding communications intended for the MF, as well as the introduction of a Ground Advisory frequency (GND ADV) pursuant to CARs 602.97(2), 602.98(1) and 602.99. **Departure procedure**: Prior to taxi for departure; contact GND ADV on 122.6 for clearance and initial advisory information. After receiving initial advisory information, GND ADV will initiate communication transfer to RADIO on 122.1 prior to entering the runway/departure surface. Pilots are required to ascertain that there is no likelihood of collision with another aircraft or a vehicle prior to departure as stated in CAR 602.96 2a) and b). **Arrival procedure**: After exiting the runway/arrival surface and reporting clear on the radio frequency, pilots will be directed to contact GND ADV on 122.6 for ground traffic and taxiing information before entering the taxiway.
CAUTION	Recommend that only pilots familiar with the lcl area use this aprt dur hrs of darkness. Night ops not recommended unless the PAPI and all five hazard beacons are oprg. Hi terrain reduces operational length of Rwy 34 PAPI. Extv bird activity. Deer in vic of rwy. Rising terrain immediately S of thld Rwy 34 (see VTPC).

NANAIMO / BOAT HARBOUR BC (Heli) CMM3



REF	N49 05 06 W123 47 52 7.4ESE 16°E (2020) UTC-8(7) Elev 180' VTA A5004
OPR	Mike Moore 250-565-5016 Reg PPR
PF	C-1,2,3,6 D-4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 46' x 46' ASPH Safety Area 66' x 66' Max heli overall length 46' Opr 17-01Z‡
COMM MF/ATF	Nanaimo rdo 1330-0530Z‡ O/T tfc 122.1 centred on Nanaimo land A/D 3.4NM SW, CZ shape irregular 5NM 2500 ASL (CAR 602.98)
PRO	Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.
CAUTION	Trees 100 AGL adj heli all quads. Hangar adj W of heli. Only pilots familiar with lcl terrain should use this heli.

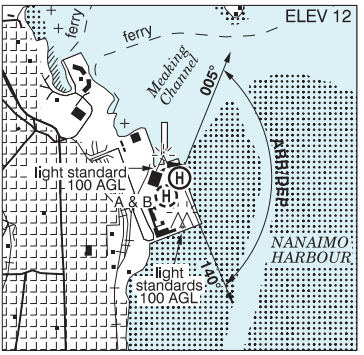
NANAIMO / GABRIOLA ISLAND (HEALTH CLINIC) BC (Heli) CGB4



REF	N49 10 44 W123 50 09 Adj 17°E (2014) UTC-8(7) Elev 321' VTA A5004
OPR	Gabriola Health Care Foundation (Gabriola Fire Dept) 250-325-7215, 250-755-9289 Reg PPR for non MEDEVAC flt
PF	A-1,4 C-2,3,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO 78' dia GRASS TLOF 32' dia CONC Safety Area 110' dia Max heli overall length 55' Opr
LIGHTING	DR(290°) RW(LO) yellow ARCAL-123.2 type J
COMM RCO ATF	Pacific rdo 126.0 (FISE) tfc 122.9 5NM 3300 ASL centred on Nanaimo Harbour water A/D 4.0NM W 3000 ASL
PRO	Arr/dep 097° & 290° fr heli, day/ngt use. Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.
CAUTION	Trees 75 AGL beneath and N of arr/dep paths, trees 145 AGL S of arr/dep paths. Only pilots familiar with local terrain should use heli dur hrs of darkness.

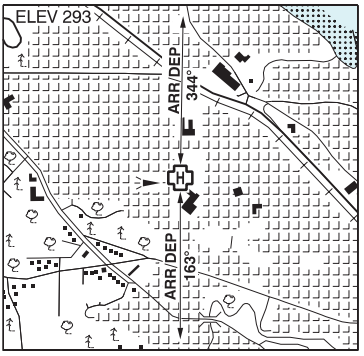
NANAIMO HARBOUR HELIPORT BC (Heli) CDH5

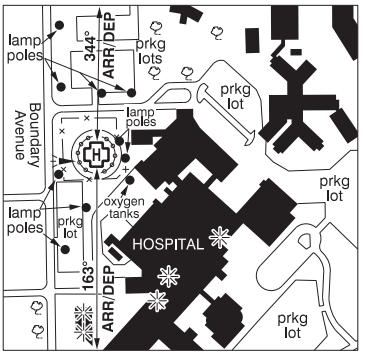
REF	N49 09 39 W123 55 24 Adj ESE 17°E (2015) UTC-8(7) Elev 12' VTA A5004 CAP
OPR	Pacific Heliport Services Ltd 250-889-6852 Fax 604-273-5301 Cert PPR Landing fees
PF	A-1,3,7,8 C-2,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
ACC	IFR tng flts PPR ctc 604-586-4592, 800-668-1333
WX	WxCam



SERVICES	1430-0230Z‡ Mon-Fri, 1530-0230Z‡ Sat-Sun & hol(s) exc clsd Dec 25 & Jan 1
S	7
PVT ADV	250-889-6852
HELI DATA	FATO/TLOF 85' dia ASPH Safety Area 114' dia 15,400 lbs Max heli overall length 56.8' Parking Pads A & B: 69' dia ASPH 15,400 lbs
RCR	Opr 1400-0130Z‡ Win maint PN
LIGHTING	RW(LO) green
COMM	
ATF	Nanaimo Harbour tfc 122.9 5NM 3000 ASL
ARR	Victoria Tml 121.075 252.3
DEP	Victoria Tml 121.075 252.3
PRO	Arr/dep 005° to 140° fr heli, slope 8% (H3). Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo. Refer to Nanaimo Harbour CWAS for additional procedures in vicinity of Nanaimo Harbour.

NANAIMO (REGIONAL HOSP) BC (Heli) CBG5





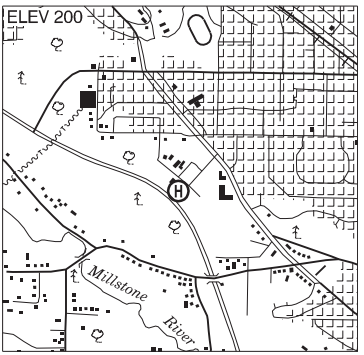
REF	N49 11 09 W123 58 18 1.7WNW 17°E (2013) UTC-8(7) Elev 293' VTA A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6

NANAIMO (REGIONAL HOSP) BC (Heli) (Cont'd) CBG5

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 87' dia CONC/GRASS Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) green ARCAL-122.9 type J
COMM	
RCO	Pacific rdo 126.0 (FISE)
ATF	tfc 122.9 5NM 3300 ASL centred on Nanaimo Harbour water A/D 1NM ENE exc area within Nanaimo land A/D CZ and class "C" airspace
PRO	Arr/dep 163° & 344° fr heli, (H1) day/night (CAR 602.96). Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.
CAUTION	Several pkg lot lamp standards to 20' adj N and S of heli, lgtd and marked, p-lines adj W marked, power poles adj W marked and lgtd.

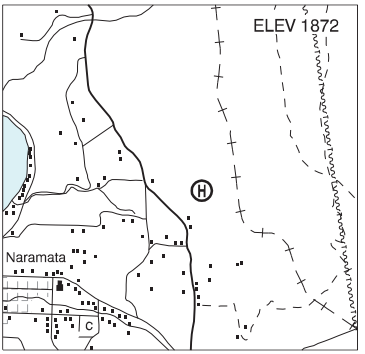
NANAIMO (WEST COAST) BC (Heli) CNH9

REF	N49 11 06 W123 59 20 17°E (2014) UTC-8(7) Elev 200' A5004 VTA
OPR	West Coast Helicopters Ltd 250-754-5448 Reg
PF	A-1 C-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA-1 16-01Z‡ O/T ctc OPR
S	2 16-01Z‡
PVT ADV	West Coast 159.975 129.6
HELI DATA	78'x65' CONC max heli wt 6000 lbs
RCR	Opr



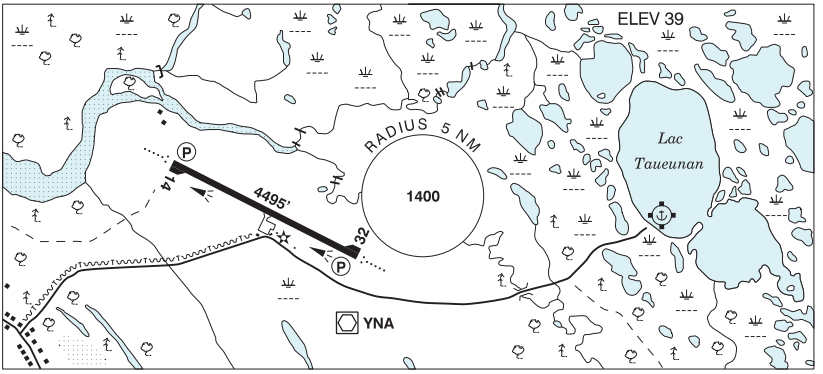
COMM	
ATF	tfc 122.9 5NM centred on Nanaimo Harbour water A/D 1.5NM ENE 3000 ASL, excluding area within Nanaimo CZ and class C airspace.
PRO	Arr/Dep hwy quad. Avoid built-up areas. Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.

NARAMATA BC (Heli) CNM6



REF	N49 36 10 W119 34 43 1ENE 16°E (2015) UTC-8(7) Elev 1872' A5004 A5005
OPR	Finnair Ltd 250-770-0702 Reg PPR
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	75' x 75' GRVL 200'x 200' max heli length 50', max 8000 lbs Opr Days only
COMM **ATF**	tfc 123.2 0.5NM 2200 ASL
PRO	Dep/arr over abandoned railway to minimize noise. (Monitor Penticton 118.5 - See Penticton VTPC)
CAUTION	Power lines SSW of pad.

NATASHQUAN QC CYNA



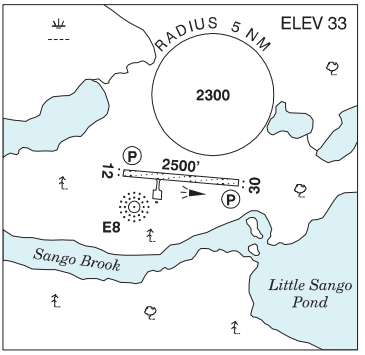
REF	N50 11 24 W61 47 20 Adj NE 20°W (2013) UTC-5(4) Elev 39´ A5011 LO7 LO8 HI6 CAP
OPR	Municipalité du Canton de Natashquan 418-726-3273/3362 Cert
PF	B-1 C-2,3,4,5
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam
SERVICES **FUEL** **PVT ADV**	 100LL, JA-1 PN Avjet/TSAS PN Mon-Fri 13-22Z‡ O/T call out chg 418-355-9003

NATASHQUAN QC (Cont'd) CYNA

RWY DATA	Rwy 14(138°)/32(318°) 4495x100 ASPH
RWY CERT	Rwy 14/32 AGN IIIA
RCR	Opr 418-726-3273 or 581-622-0059 1230-2130Z‡ Mon-Fri O/T 3 hrs PN CRFI, PLR/PCN
LIGHTING	14-AO(TE ME) P2, 32-AO(TE ME) P2 ARCAL-122.2 type K
COMM	(bil)
RCO	Madeleine rdo 122.2 (RAAS) 13-23Z‡ Quebec rdo 123.85 (FISE) 126.7 (bcst)
MF	Madeleine rdo 13-23Z‡ O/T tfc 122.2 15NM 3000 ASL (CAR 602.98) See PRO section
PAL	Montreal Ctr 134.825
AWOS	126.25 (English), 125.3 (French)
NAV	
VOR/DME	NATASH YNA 113.6 Ch 83 N50 11 01 W61 46 51
PRO	Seaplane activities Aguanus River sector (13NM W of aprt). ATF corridor outside MF, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Bird activity Aug-Sep.

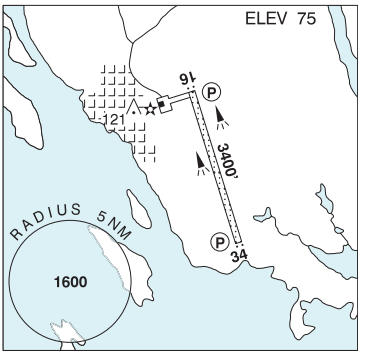
NATUASHISH NL CNH2

REF	N55 54 50 W61 11 04 1.6W 21°W (2021) UTC-4(3) Elev 33´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	WxCam



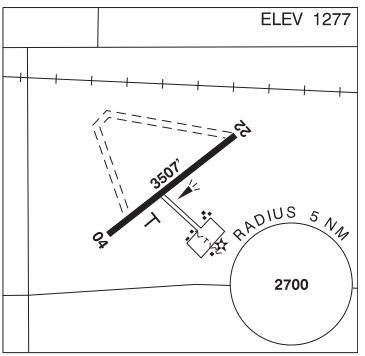
RWY DATA	Rwy 12(116°)/30(296°) 2500x75 GRVL
RWY CERT	Rwy 12/30 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-478-8981/8933
LIGHTING	12-AS(TE ME) P1, 30-AS(TE ME) P1 ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 3000 ASL See PRO section
NAV	
NDB	E8 492 (M) N55 54 44 W61 11 22 Pvt
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Power poles on approach Rwy 30.

NAUJAAT NU — CYUT



REF	N66 31 14 W86 13 29 Adj E 17°W (2021) UTC-6(5) Elev 75´ A5037 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-462-9973 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 14-23Z‡ Mon-Fri, issue times: 15, 19Z (DT 14, 19Z); TAF 17-21Z‡ Sat & Sun, issue times: 17Z‡ exc federal observed hols.
SERVICES **FUEL**	Call out chg may be levied outside oprg hrs. DFA 16-01Z‡ Mon-Fri exc hols PN ctc 867-462-9943/9921 or 867-462-4113. Credit cards accepted. Credit by prior arng only ctc 867-645-8400, allow 7 working days.
RWY DATA	Rwy 16(161°T)/34(341°T) 3400x100 GRVL Rwy 34 up 1.08%
RWY CERT	Rwy 16/34 AGN IIIA
RCR	Maint contractor 867-462-9973, 867-645-6916 Fax 867-462-4411. A/D maint avbl 14-23Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	16-AS(TE ME) AP, 34-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM **MF**	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1245-2315Z‡ Mon-Fri, 1445-2115Z‡ Sat & Sun, exc federal observed hols, O/T 2 hrs PN, call-out chg
CAUTION	Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5' outside rwy edge).

NEEPAWA MB — CJV5



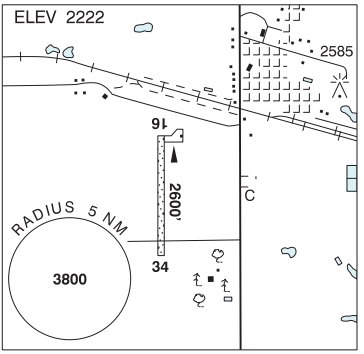
REF	N50 13 57 W99 30 36 1.7W 5°E (2012) UTC-6(5) Elev 1277´ A5007 LO4 CAP
OPR	Town 204-476-7600 Reg
PF	B-1 C-2,3,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 04(045°)/22(225°) 3507x75 ASPH AGN II
RCR	Opr
LIGHTING	04-(TE ME), 22-(TE ME) ARCAL-122.8 type K

NEEPAWA MB (Cont'd) CJV5

COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4300 ASL
PRO	Ultralight circuit hgt 1800 ASL.
CAUTION	Hang glider & ultralight training in vic. Hang gliders & ultralights opr fr infield E of Rwy 04/22 & N of apron.

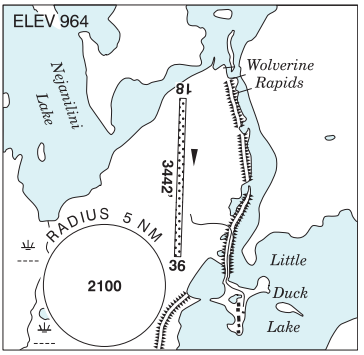
NEILBURG SK CJV2

REF	N52 49 53 W109 38 25 0.5SW 13°E (2013) UTC-6 Elev 2222′ A5015
OPR	Village 306-823-4321 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16(167°)/34(347°) 2600x75 GRASS/GRVL Opr 15-23Z Mon-Fri
COMM ATF	tfc 123.2 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 16 (CAR 602.96).



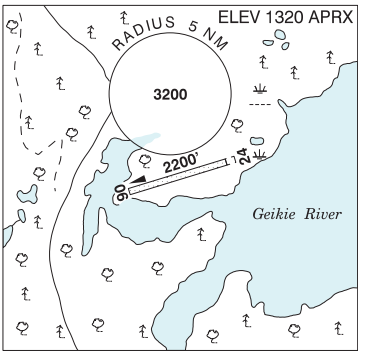
NEJANILINI LAKE MB CYNN

REF	N59 29 07 W97 46 52 2°E (2015) UTC-6(5) Elev 964' A5024 RCAP
OPR	The Lodge at Little Duck 204-947-9896 or 807-543-9997 or 204-515-1697 Reg PPR
PF	C-1,2,5 PN Opr Jun 30-Oct 30
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18(180°)/36(360°) 3442x80 GRVL/SAND Rwy 36 up 0.32% with first 2080' up 3.01% Opr No win maint.
COMM ATF	UNICOM ltd hrs Jun 30-Oct 30 O/T tfc 122.8 5NM 4000 ASL

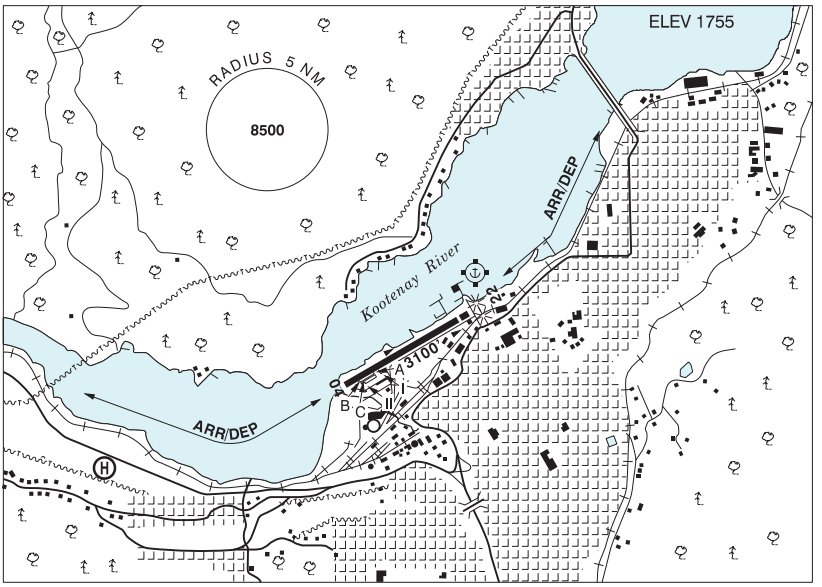


NEKWEAGA BAY SK — CKN8

REF	N57 44 33 W103 56 41 9°E (2013) UTC-6 Elev 1320´ aprx A5024
OPR	Wilderness Family Outfitters 877-820-7494 Reg PPR
PF	C-1,5 PN Opr Jun 1-Sep 1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344 or 204-983-8337
RWY DATA	Rwy 06(064°)/24(244°) 2200x50 clay/sand Rwy 06 slopes up.
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4400 ASL
CAUTION	Brush adj to rwy edges.



NELSON BC — CZNL



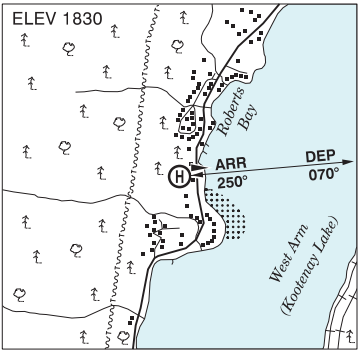
REF	N49 29 39 W117 18 02 16°E (2012) UTC-8(7) Elev 1755´ A5005 LO2
OPR	City 250-352-8228 Reg
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)

NELSON BC (Cont'd) CZNL

SERVICES FUEL	100LL City of Nelson 250-352-8228; JB High Terrain Helicopters, 250-354-8445, JA Kootenay Valley Helicopters Ltd. 250-505-2150
RWY DATA APRON RCR	Rwy 04(040°)/22(220°) 3100x75 ASPH Thld 22 displ 200´. Apron I & II: Prkg avbl for transient fixed-wing acft. Opr Ltd win maint. PLR
COMM RCO ATF	 Pacific rdo 123.475 (FISE) 126.7 (bcst) tfc 123.2 4NM 3300 ASL
PRO	Rgt hand circuits Rwy 22 (CAR 602.96). PPR Heli tng flts by opr.
CAUTION	Narrow mountainous valley. Arr/dep paths are offset as indicated on A/D sketch. Arr/dep path W Thld 04 overflies heli adj SW A/D. Poles to 20 AGL aprx 450´ NE & in apch area of Rwy 22. Watch for wildlife on the rwy. Hang gliding and paragliding activities at field, year round.

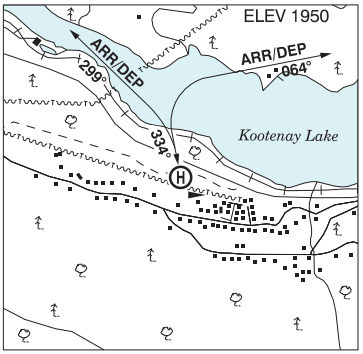
NELSON / BLAYLOCK ESTATE BC (Heli) CYB3

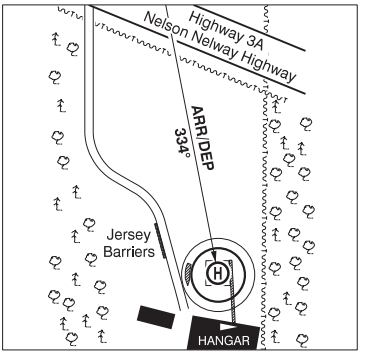
REF	N49 32 41 W117 15 38 3.4NE 15°E (2016) UTC-8(7) Elev 1830' A5005
OPR	Brent Ironside 403-560-3636 Reg PPR
PF	A-5 C-1,2,3,4,6
FLT PLN FIC	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
HELI DATA RCR	FATO/TLOF 100' x 140' GRASS Safety Area 160' x 140' Max heli overall length 55' Opr No win maint



COMM ATF	 tfc 123.2 centred on Nelson A/D 3.4NM NNE 4NM 4800 ASL
PRO	Arr/dep 250°/070° to & fr heli, day use only.
CAUTION	Wires parallel the hwy on final apch. Trees W and N of FATO

NELSON (HIGH TERRAIN HELICOPTERS) BC (Heli) CHT4

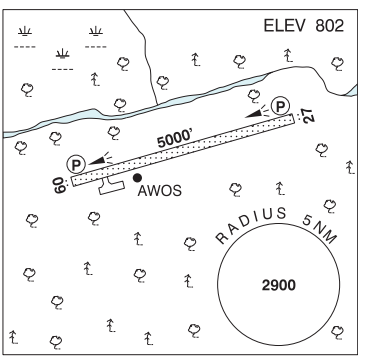




REF	N49 29 12 W117 19 38 Adj W 15°E (2014) UTC-8(7) Elev 1950' A5005
OPR	High Terrain Helicopters 250-354-8445 Cert PPR
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia ASPH TLOF 37' x 40' ASPH Safety Area 115' dia Max heli overall length 57.4' Opr
COMM **RCO** **ATF**	 Pacific rdo 123.475 (FISE) 126.7 (bcst) tfc 123.2 4NM centred on Nelson A/D 1.1NM ENE 3300 ASL
PRO	External loads proh to/fr heli (CARs 602.96). Ldg rstd to TLOF sfc. Arr/dep curved 334° to 299° fr heli, slope 8% (H3), day use only. Arr/dep curved 334° to 064° fr heli, slope 8% (H3), day use only.
CAUTION	40 AGL marked P-lines 30' E of heli adj to flt path. 150 AGL trees to E & W of flt path.

NEMISCAU QC CYHH

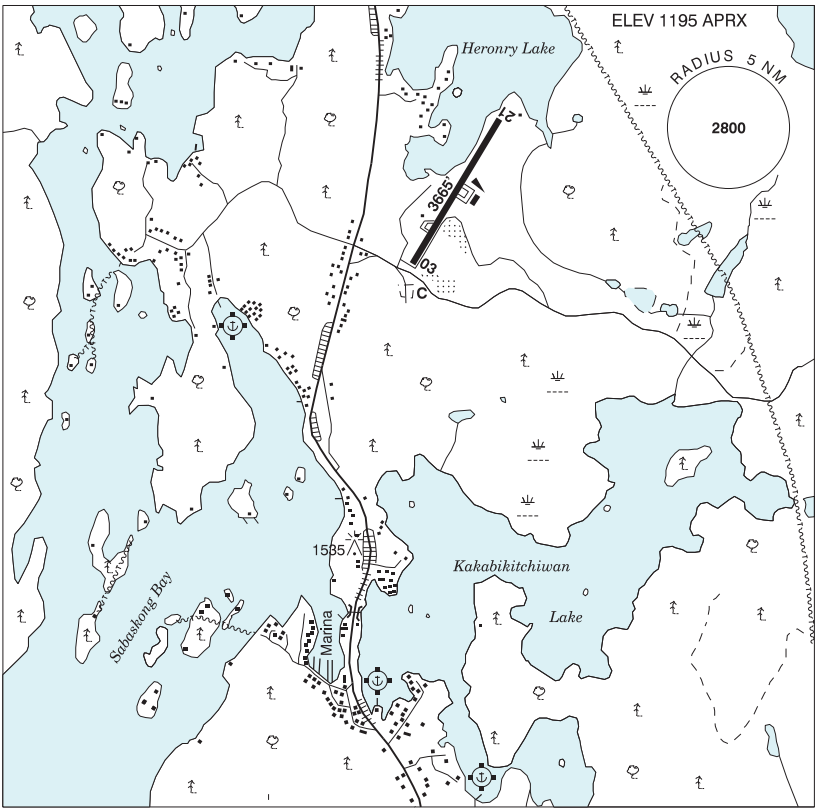
REF	N51 41 28 W76 08 08 4SE 16°W (2013) UTC-5(4) Elev 802´ A5009 LO3 HI1 CAP
OPR	Hydro-Québec 819-672-3642 Reg 12-22Z‡ PPR 48 hr
FLT PLN **FIC** **ACC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353
RWY DATA **RCR**	Rwy 09(090°)/27(270°) 5000x150 GRVL Rwy 09 down 0.36% AGN IIIA Opr Win maint 12-22Z‡ Mon-Fri
LIGHTING	09-AS(TE HI) P2, 27-AS(TE HI) P2



NEMISCAU QC (Cont'd) CYHH

COMM RCO MF	(bil) Québec rdo 123.275 (FISE) 126.7 (bcst) UNICOM (AU) ltd hrs O/T tfc 131.7 15NM 3900 ASL (CAR 602.98)
CAUTION	Possible win maint eqpt on rwy outside ops hrs.

NESTOR FALLS ON CJA5



REF	N49 08 25 W93 55 01 1N 2°E UTC-6(5) Elev 1195´ aprx A5007
OPR	Township 807-226-5241 Reg
PF	C-1,5
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES PVT ADV	Northwest Flying Inc 129.1
RWY DATA RCR	Rwy 03(029°)/21(209°) 3665x75 ASPH Opr No win maint

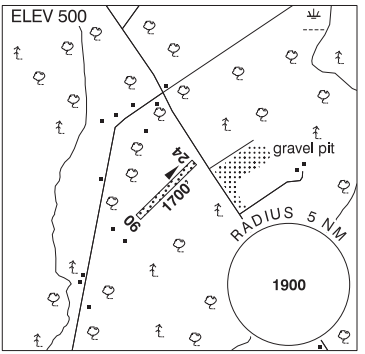
NESTOR FALLS ON (Cont'd) CJA5

COMM ATF	tfc 122.8 5NM 4200 ASL
CAUTION	Sharp drop off at thlds. Twr 1535 ASL (385 AGL) 1.3NM S.

NEUVILLE QC — See QUÉBEC / NEUVILLE

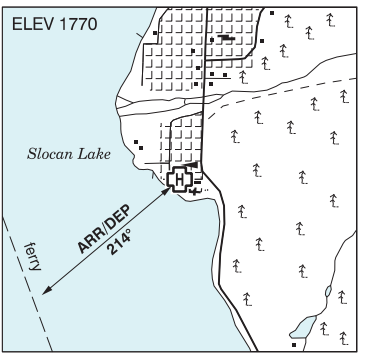
NEWBURGH ON CNB6

REF	N44 21 18 W76 51 15 1.9NE 12°W (2022) UTC-5(4) Elev 500' A5000
OPR	David Clapp 613-545-5061 Reg PPR
PF	C-2 D-4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 06/24 1700x60 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Active tng area in vic, monitor 126.7



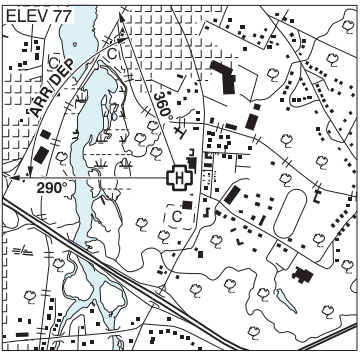
NEW DENVER / SLOCAN COMMUNITY (HEALTH CENTRE) BC (Heli) CND7

REF	N49 59 03 W117 22 28 Adj S 16°E (2014) UTC-8(7) Elev 1770' A5005
OPR	Interior Health Authority 250-358-7911 Reg PPR
PF	A-1,4 C-2,3,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 90' dia ASPH Safety Area 113' dia Opr (maint)
COMM ATF	tfc 123.2 5NM 4800 ASL
PRO	Arr/dep 214° fr heli, day use only.
CAUTION	Marked 41' P-lines adj NW thru NE of heli. 100' trees W and E of flt path.



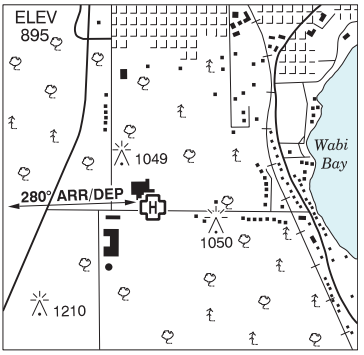
NEW GLASGOW (ABERDEEN HOSP) NS (Heli) CNG2

REF	N45 34 20 W62 38 39 Adj E 18°W (2014) UTC-4(3) Elev 77' A5003
OPR	Aberdeen Hospital 902-752-7600 Ext 4531 Reg PPR
FLT PLN FIC ACC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	79 x 79 Rstd to heli max length 52.5'
LIGHTING	RY(LO) FL(LO)
COMM ATF	 tfc 122.8 5NM 3100 ASL
PRO	Arr/dep btwn 290°-360° fr heli
CAUTION	Trenton 2.5NM N. Thorburn 2NM ESE.



NEW LISKEARD (TEMISKAMING HOSP) ON (Heli) CNV3

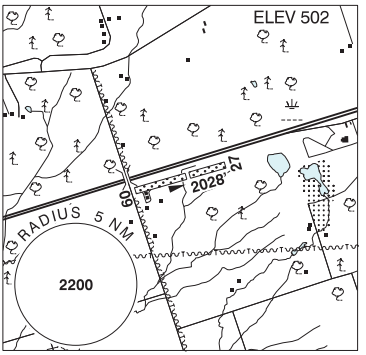
REF	N47 29 40 W79 41 30 1SW 12°W UTC-5(4) Elev 895´ A5001
OPR	Temiskaming Hosp 705-647-8121 Reg PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ x 86´ ASPH Safety Area 114´ x 114´ Max heli overall length 57.5´
LIGHTING	DR RY(LO) RF(FL)
COMM A/G	 Ambulance dispatch 129.275
PRO	Arr/dep 280° fr heli
CAUTION	Hydro poles/lines directly under arr/dep 695' fr heli.



NEWTONVILLE / STEEVES FIELD ON

CNT9

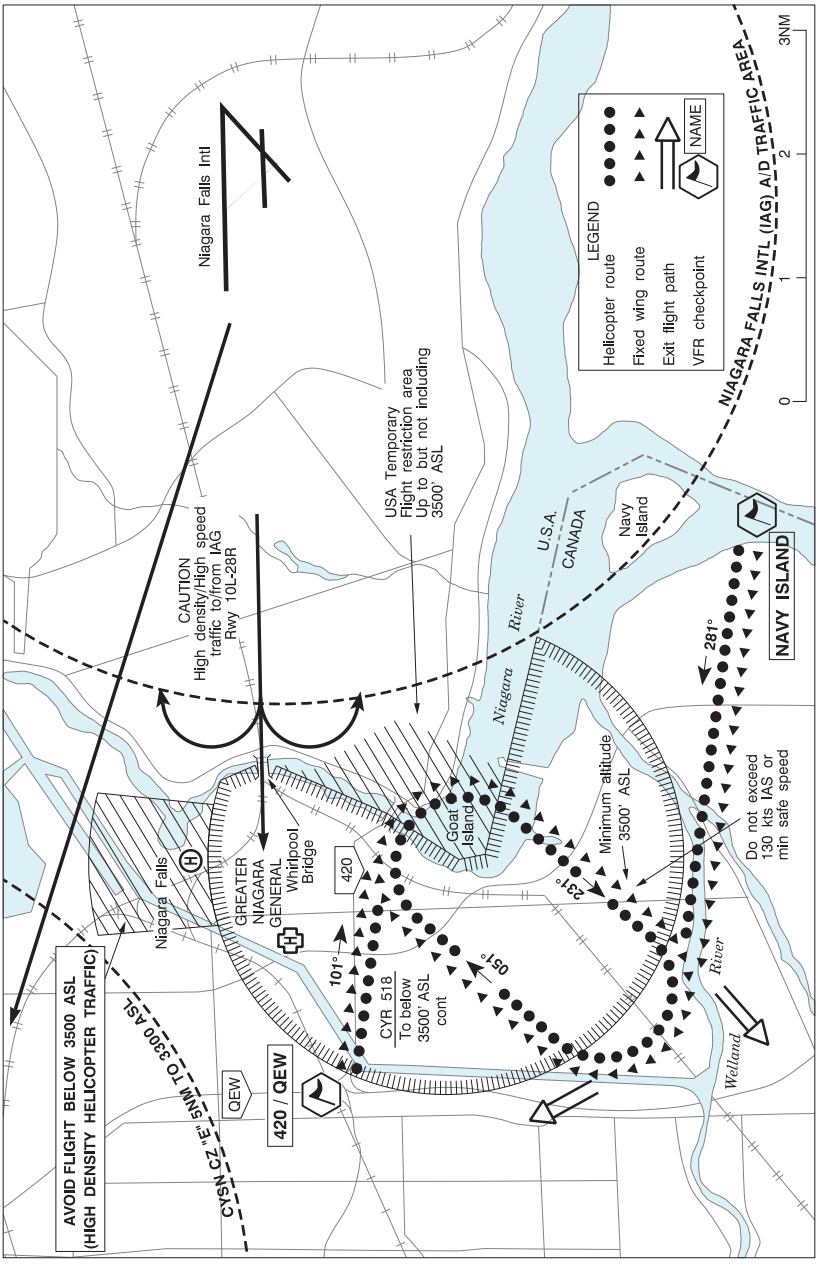
REF	N43 56 24 W78 26 42 2.1E 11°W (2017) UTC-5(4) Elev 502' A5000
OPR	J & L LeGassie 416-998-6710 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(085°)/27(265°) 2028x62 GRASS Thld 27 displ 801' Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Trees E of Thld 27. P-line aprx 0.3NM SSW of A/D.



NIAGARA CENTRAL DOROTHY RUNGELING ON — See WELLAND / NIAGARA CENTRAL DOROTHY RUNGELING

NIAGARA DISTRICT ON — See ST. CATHARINES / NIAGARA DISTRICT

NIAGARA FALLS VFR TERMINAL PROCEDURES CHART



NIAGARA FALLS VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
420 / QEW	VCFRQ	N43° 05' 45" W079° 07' 00"
NAVY ISLAND	VCNVY	N43° 02' 18" W079° 01' 00"

PROCEDURES

ALL AIRCRAFT AT 3500' ASL OR ABOVE

- Prior to **pattern entry and in pattern:** recognition, landing, strobe and/or anti-collision lights **ON**.
- Fly clockwise pattern as depicted.
- Do not exceed 130 kts or minimum safe speed.
- Broadcast altitude, checkpoint & intentions on 122.050 MHz prior to entry & monitor that frequency in pattern.
- Use Niagara Falls Intl Altimeter Setting.

WARNING: This is a VFR procedure "SEE AND BE SEEN".
Pilots are responsible for own separation and collision avoidance.

WARNING: Exit pattern as depicted, straight out, wings level.

CYR518: FLIGHTS IN RESTRICTED AREA

PRIOR WRITTEN AUTHORIZATION IS REQUIRED

From the Transport Canada, Hamilton TC Centre

Address: TRANSPORT CANADA
HAMILTON TC CENTRE
9300 AIRPORT ROAD, UNIT 450
MOUNT HOPE, ONTARIO
L0R 1W0

NOTE: 10 days notice required/tel: 905-679-3477

GENERAL

CAUTION: Numerous flights in **CYR518**

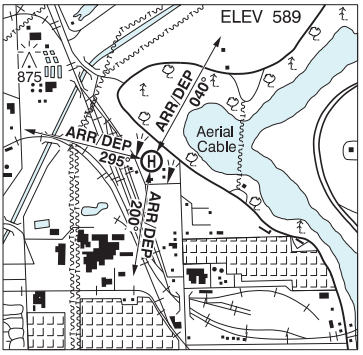
CAUTION: High speed aircraft departing Niagara Falls, N.Y. in the vicinity of Whirlpool Bridge.

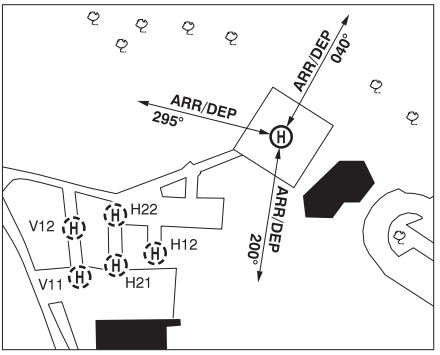
CAUTION: Goat Island may be obscured by mist.

COMMUNICATION FREQUENCIES

PATTERN FREQUENCY		122.050
Niagara Falls N.Y.	ATIS	120.8 ltd hrs
	TWR	118.5 ltd hrs
St. Catharines Radio		123.25 ltd hrs

NIAGARA FALLS ON (Heli) CPQ3

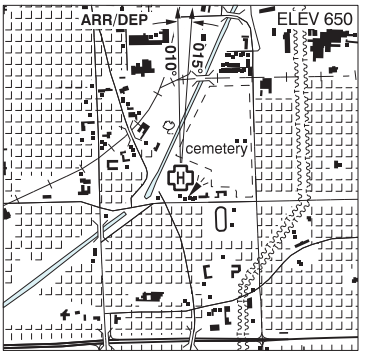




REF	N43 07 09 W79 04 31 Adj 11°W (2012) UTC-5(4) Elev 589´ VTA A5000
OPR	Niagara Helicopters Ltd 905-357-5672/5673 Fax 905-374-2856 Cert PPR
PF	B-1,2 avbl 14-22Z‡ C-3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **PVT ADV**	Niagara Helicopters 129.475 14-22Z‡
HELI DATA **RCR**	FATO/TLOF 93’ x 93’ ASPH Safety Area 124’ x 124’ Max heli overall length 62' Parking Pad H12: 17’ x 17’ CONC Parking Pad H21: 17’ x 17’ CONC Parking Pad H22: 17’ x 17’ CONC Parking Pad V11: 17’ x 17’ CONC Parking Pad V12: 17’ x 17’ CONC Opr
LIGHTING	RY(LO) RF(FL) ARCAL-129.475
PRO	For flt over falls, see Niagara Falls VTPC. Three arr/dep paths fr/to NE (see sketch). Arr/dep 1 - 040° day use only, Arr/dep 2 - 200° day/night use & Arr/dep 3 - 295° day use only, all slope 8% (H3).
CAUTION	Aerial cable (see sketch).

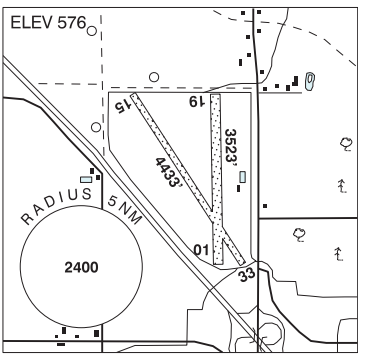
NIAGARA FALLS (GREATER NIAGARA GENERAL HOSP) ON (Heli) CNG8

REF	N43 06 21 W79 05 31 Adj N 11°W (2012) UTC-5(4) Elev 650' VTA A5000
OPR	Greater Niagara General Hosp 905-356-1321 Ext 2200 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	DR RY(LO)
COMM ATF	tfc 123.25 5NM 3700 ASL excluding Niagara Falls area pattern (in vicinity of CYR518)
PRO	Arr/dep btwn 010°- 015° fr heli (H3)
CAUTION	Extv tfc in the vicinity of CYR518



NIAGARA FALLS / NIAGARA SOUTH ON CNF9

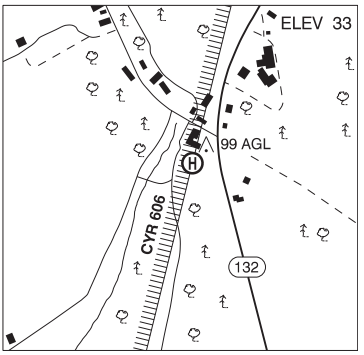
REF	N42 59 58 W79 03 48 11°W UTC-5(4) Elev 576´ A5000
OPR	Russell Aviation Group 905-295-2777 905-295-7324 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	7
RWY DATA RCR	Rwy 15(151°)/33(331°) 4433x60 GRVL Rwy 01(010°)/19(190°) 3523x200 GRASS Opr A/D clsd in win. Rwy 01/19 soft when wet.
COMM ATF	tfc 123.2 5NM 3600 ASL excluding Niagara Falls area pattern (in vicinity of CYR518) and Niagara Falls Int'l CZ
PRO	For flts over falls see Niagara Falls VTPC.
CAUTION	Extv tfc in the vicinity of CYR518. Possible aerobatic activity over A/D below 3600 ASL.



NIAGARA SOUTH ON — See NIAGARA FALLS / NIAGARA SOUTH

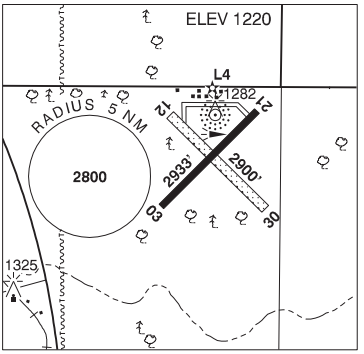
NICOLET QC (Heli) CSK9

REF	N46 13 13 W72 38 52 3E 16°W UTC-5(4) Elev 33´ A5002
OPR	DND Range Controller 819-293-2004 Mil PPR
FLT PLN MIL	(bil) 819-293-2004 when range in use or dur working hrs
HELI DATA	125´ x 250´
COMM ATF	tfc 123.2 5NM 3000 ASL exc airspace of CYR 606 and excluding Trois-Rivières (CYRQ) MF area.
PRO	Caution; helipad on eastern bdry of CYR 606. Safe apch may only be made by remaining clear of rstd area til apch from E is possible. Dep hdg 089° mandatory.



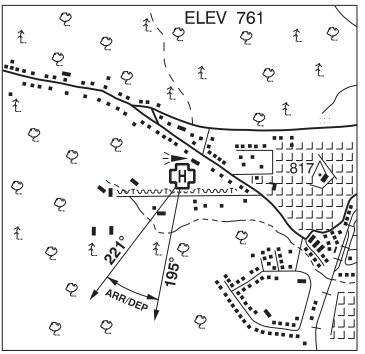
NIPAWIN SK CYBU

REF	N53 19 57 W104 00 32 1.3S 9°E (2013) UTC-6 Elev 1220´ A5016 LO2 CAP
OPR	Town 306-862-7902 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC WX	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) WxCam
SERVICES FUEL OIL S	 100LL, JA-1, MG-1 Accumark Aviation Petro 306-276-6840 or 306-812-6841 All 2,3,4,5,6
RWY DATA RCR	Rwy 03(036°)/21(216°) 2933x75 ASPH AGN IIIA Rwy 12(119°)/30(299°) 2900x115 GRASS/SNOW McBain Avn 306-862-4171
LIGHTING	03-(TE LO), 21-(TE LO) ARCAL-122.8 type J
COMM ATF AWOS	 UNICOM ltd hrs O/T tfc 122.8 5NM 4300 ASL 128.75
NAV NDB	 L4 402 (M) N53 20 05 W104 00 32 Pvt Unmonitored



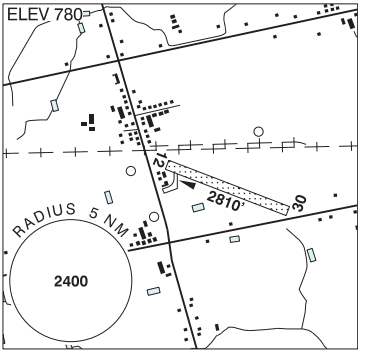
NIPIGON (DISTRICT MEM HOSP) ON (Heli) CKE9

REF	N49 00 57 W88 16 39 Adj NW 4°W UTC-5(4) Elev 761´ A5008
OPR	Nipigon District Mem Hosp 807-887-3026 Cert PPR
PF	A-1,2,4,7 C-5,8
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 85' dia CONC Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	RW(LO) yellow PN
COMM ATF	tfc 126.7 5NM 3800 ASL
PRO	Arr/dep btwn 195°-221° fr heli, slope 8% (H3), day/night use.
CAUTION	Trees on flt path SW thru S of heli. Marked P-line S of heli.

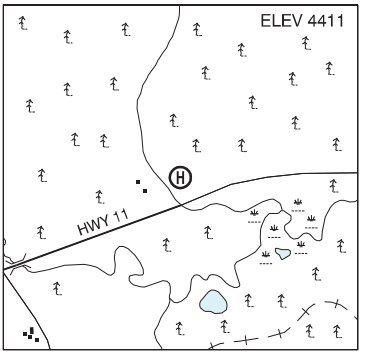


NIXON ON CNX8

REF	N42 50 51 W80 23 43 Adj SE 9°W UTC-5(4) Elev 780´ A5000
OPR	Robert Bennett 519-428-8014 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL 20W50 1,2,3,4,5,6
RWY DATA RCR	Rwy 12(120°)/30(300°) 2810x100 GRASS Opr No win maint
COMM ATF	tfc 122.9 2NM 3800 ASL

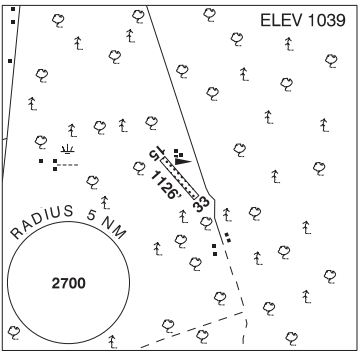


NORDEGG / AHLSTROM AB (Heli) CEG6



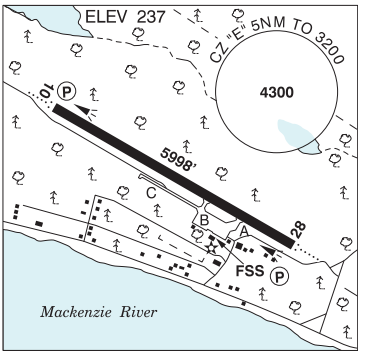
REF	N52 29 29 W116 03 06 1.5 NNE 16°E (2013) UTC-7(6) Elev 4411' A5014
OPR	Ahlstrom Air Ltd 403-721-2203 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	PN
FUEL	JA, JB with FSII
OIL	Mobil 254
HELI DATA	FATO 100' x 150' GRASS TLOF 100' x 50' GRASS Safety Area 115' x 165' Max heli overall length 65'
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 7500 ASL
CAUTION	45% slope on escarpment to the S

NORLAND / TROTTER ON CNR5



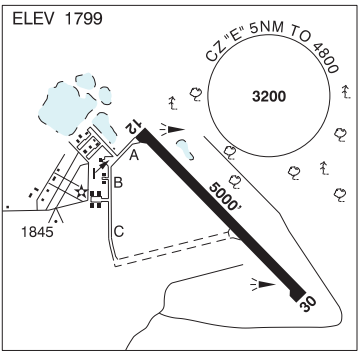
REF	N44 43 42 W78 45 02 2.6W 11°W (2015) UTC-5(4) Elev 1039' A5000
OPR	Rick Trotter 705-879-5334 Reg PPR
PF	C-2 D-1,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
SERVICES	
S	1,4,5
RWY DATA	Rwy 15(150°)/33(330°) 1126x60 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM	
ATF	tfc 123.2 2NM 4000 ASL
CAUTION	Tree line 700' N dep end Rwy 33. Tree line E of apch centerline Rwy 33. Wire fence 4 ft. high runs parallel to west side of Rwy.

NORMAN WELLS NT — CYVQ



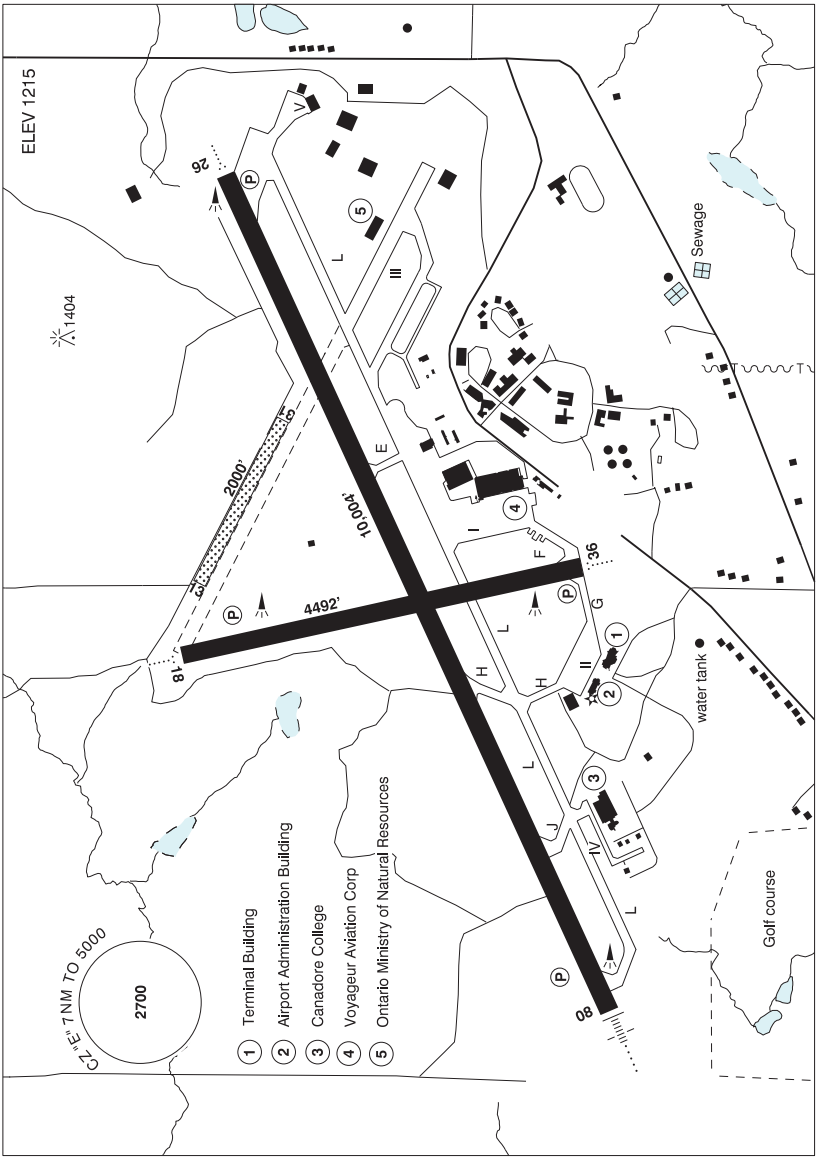
REF	N65 16 53 W126 47 55 Adj NE 20°E (2019) UTC-7(6) Elev 237´ A5034 A5035 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-587-2451 Emerg/Incident rpt 877-989-1400 1430-0100Z‡ O/T 2 hr PN ctc 867-587-2555. Call out chg may be levied. Cert
PF	A-1,7 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1, HPR 14-23Z‡ O/T call out chg will be levied.
OIL	All
S	4,6
PVT ADV	SRP Petroleum (Imperial Oil) 123.0 867-587-2746/2587
MILCON	SRP Petroleum (World Fuel Services) 867-587-2746
RWY DATA	Rwy 10(097°)/28(277°) 5998x150 CONC/ASPH
RWY CERT	Rwy 10/28 AGN IIIB
TWY	Twy C uncontrolled
RCR	Opr CRFI & win maint avbl 1430-0100Z‡ Oct 1-Apr 30 O/T 2 hr PN 867-587-2555. Call out chg may be levied. PLR/PCN.
LIGHTING	10-AO(TE ME) P2, 28-AO(TE ME) P2
COMM	
RADIO	122.2 282.3 PTC avbl (E) (emerg only 867-587-2555)
RCO	Edmonton rdo 123.275 (FISE) 126.7(bcst)
MF	rdo 122.2 5NM 3200 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.825
NAV	
NDB	VQ 326 (M) N65 15 11 W126 40 11
VOR/DME	YVQ 112.7 Ch 74 N65 15 54 W126 43 27 (254´)
CAUTION	Radiosonde balloon launches fr N65 17 W126 45 (0.86NM NE Thld Rwy 28) at 1115-1129Z & 2315-2329Z dly. Extv bird activity Apr-Oct.

NORTH BATTLEFORD SK — CYQW



REF	N52 46 09 W108 14 40 1.5E 12°E (2013) UTC-6 Elev 1799´ A5015 LO2 HI3 CAP
OPR	City of North Battleford 306-445-6606/ 306-441-5807/306-445-1730 Cert
PF	A-1 C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	For svcg 306-445-6606 or 306-441-5807 13-22Z Mon-Fri exc hols
FUEL	100LL, JA-1 (self-serve Visa, Mastercard & Amex)
S	1,4,6
RWY DATA	Rwy 12(124°)/30(304°) 5000x150 ASPH
RWY CERT	Rwy 12/30 AGN IIIB
TWY CERT	Twy: B, C AGN I
RCR	Opr Ltd win maint. PLR/PCN.
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-122.1 type K
COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	tfc 122.1 (no ground station) 5NM 4800 ASL (CAR 602.98)
AWOS	128.125
PRO	Rgt hand circuits Rwy 30 (CAR 602.96). Glider tng wknds Apr-Jun, Sep-Oct.
CAUTION	Wildlife frequently on rwy.

NORTH BAY ON CYYB



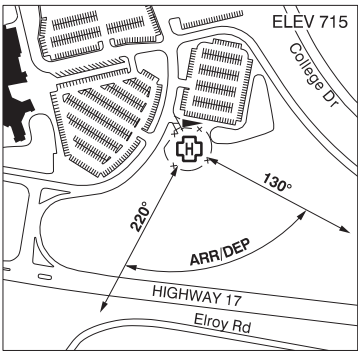
REF	N46 21 50 W79 25 27 4NNE 11°W (2015) UTC-5(4) Elev 1215´ A5000 A5001 LO4 LO6 LO7 HI5 CAP
OPR	North Bay Jack Garland Airport Corporation 705-474-3026 1030-0200Z‡ O/T 3 hrs PN Cert
PF	A-1,2,3,6,7 C-4,5,8

NORTH BAY ON (Cont'd) CYYB

CUST	AOE/15 888-226-7277 13-21Z‡ Mon-Fri exc hols PN
FLT PLN	When FSS closed, pilots to open/close VFR flt pln with London rdo 123.55 or by phone. Pilots to open/close VFR flt plan with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA).
WX	METAR 1130-0330Z‡ O/T METAR AUTO (see COMM). TAF H24, issue times: 02, 08, 14 & 20Z. Met brief for mil only. Lcl Met Section CSN 628-6648 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613 (see COMM). WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL (Northern Heights Aviation), JA-1 (FSII avbl), HPR (World Fuels)
OIL	All
S	1,2,3,4,5,6
SUP FL	D & A-ice
JASU	10/15
PVT ADV	Voyageur Airport Svcs/World Fuel Services 131.75 705-482-7435 11-02Z‡ Mon-Fri O/T 1 hr PN; Northern Heights Aviation 705-477-4356
MIL CON	World Fuel Services 705-495-4184
RWY DATA	Rwy 08(077°)/26(257°) 10004x150 ASPH Rwy 08 up 0.66% Rwy 18(179°)/36(359°) 4492x148 ASPH Rwy 13(128°)/31(308°) 2000x75 GRASS Rwy 31 down 0.85% rstd to North Bay glider ops May 15-Oct 30 RESA: 18/36 492'
RWY CERT	Rwy 08 RVR 1200(1/4sm)/Rwy 26 RVR 1200(1/4sm) AGN V Rwy 18/36 AGN IV Rwy 13/31 AGN I
TWY	Twy E, F & J no win maint
APRON	Apron I no win maint. Apron I PPR, Voyageur Airways 705-476-1750 Ext 261.
RCR	Opr CRFI Win maint 1030-0200Z‡ O/T 3 hr PN 705-840-9964 Oct 31-Apr 7. PLR/PCN.
LIGHTING	08-AN(TE HI) P1, 26-AO(TE HI) P1, 18-AO(TE HI) P1, 36-AO(TE HI) P1 ARCAL-118.3 type K all lgt. Apron III partial RR and apron IV RR only.
COMM	
RADIO	118.3 PTC avbl (E) 1130-0330Z‡ (emerg only 705-472-3270)
RCO	London 123.55 (FISE) 126.7 (bcst)
ATIS	124.9 1130-0330Z‡
MF	rdo 118.3 1130-0330Z‡ O/T tfc 7NM 5000 ASL (CAR 602.98)
PAL	Toronto Ctr 127.250
AWOS	124.9 0330-1130Z‡
NAV	
DME	YYB 115.4 Ch 101 N46 21 50 W79 26 11 (1207´)
ILS	IYB 110.9 (Rwy 08) RVR Unmonitored when FSS clsd. LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 18 & 26 (CAR 602.96).
CAUTION	Twr 1400´ 1.8NM SE of thld Rwy 26. Pilots should avoid overflight of Natural gas pumping stn lctd 2.1NM NW. Glider activity at & in vic of aprt Sat, Sun, hols Apr-Jun & Sep-Nov. During win months when FSS closed, aprt maint & snow removal vehicles may be operating on the rwy surface. Ctc all ground vehicles on airport radio when FSS is clsd. During win months ski hill snow making activity 1.5NM SSW of aprt may produce local obscuring & icing phenomena on apch to Rwy 36 or dep from Rwy 18. Extv heli tng activity. Firing range aprx 1NM SSE of Thld 36.

NORTH BAY (NORTH BAY REGIONAL HEALTH CENTRE) ON (Heli) CNB3

REF	N46 20 05 W79 29 45 2.7NW 12°W UTC-5(4) Elev 715' A5000 A5001
OPR	North Bay Regional Health Centre 705-474-8600 ext 8800 Cert PPR
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	TLOF/FATO 88.6' dia ASPH Safety area 118.1' dia Max heli length 57.5' Opr
LIGHTING	RY(LO) RF(FL)
COMM **RADIO** **RCO** **MF**	 North Bay 118.3 (E) 1130-0330Z‡ (emerg only 705-472-3270) London rdo 123.55 (FISE) 126.7 (bcst) rdo 118.3 1130-0330Z‡ O/T tfc 7NM (centred on North Bay A/D 3.4NM ENE) 5000 ASL (CAR 602.98)
PRO	Arr/dep btwn 130°-220° fr heli, slope 12% (H2), day/night use. Comm impact btwn heli and FSS due terrain while on heli. Ctc North Bay FSS at 705-472-3270 prior to dep. Resume normal once airborne.
CAUTION	Obst in vic of heli.

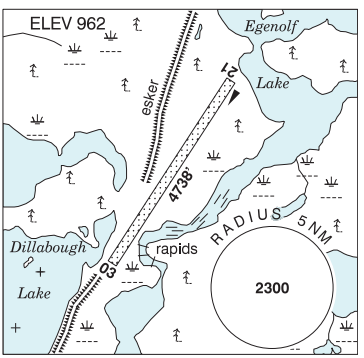


NORTH OF SIXTY NT — See OBRE LAKE / NORTH OF SIXTY

NORTH PORT ON — See SEAGRAVE / NORTH PORT

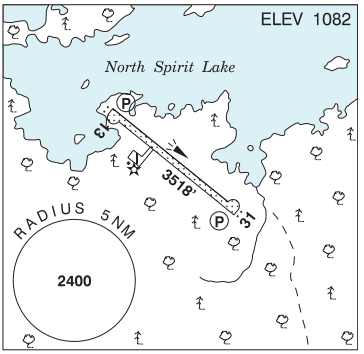
NORTH SEAL RIVER MB CEG8

REF	N58 58 10 W99 58 30 5°E (2016) UTC-6(5) Elev 962´ A5024 RCAP
OPR	North Seal River Inc 352-861-3174 Fax 352-861-9822 Reg PPR
PF	C-1,2,5
FLT PLN **FIC** **ACC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg IFR 888-834-3344 or 204-983-8337 ALTIMETER/WIND 352-861-9822 ltd hrs (see COMM)
RWY DATA **RCR**	Rwy 03(028°)/21(208°) 4738x125 clay & sand Opr No win maint.
COMM **ATF**	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4000 ASL
CAUTION	Only opr experienced in area should plan on using this A/D. Oprg Jun-Sep.



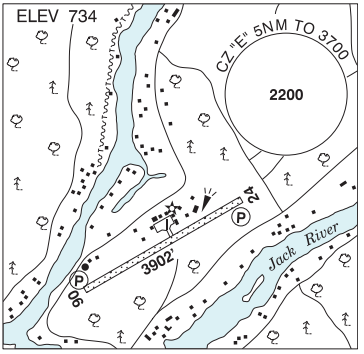
NORTH SPIRIT LAKE ON — CKQ3

REF	N52 29 24 W92 58 16 5SE 1°W (2013) UTC-6(5) Elev 1082´ A5017 LO3 LO4 CAP
OPR	Govt of Ontario - MTO 807-776-0061 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 13(129°)/31(309°) 3518x100 GRVL Rwy 13 up 0.32% first 386'
RWY CERT	Rwy 13/31 AGN IIIA
RCR	Aprt Foreperson 807-627-9133 Ltd win maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.8 type K
COMM **ATF**	tfc 122.8 5NM 4100 ASL



NORWAY HOUSE MB — CYNE

REF	N53 57 30 W97 50 39 Adj SE 3°E (2019) UTC-6(5) Elev 734´ A5016 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-359-6623 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam
RWY DATA	Rwy 06(057°)/24(237°) 3902x105 crushed rock
RWY CERT	Rwy 06/24 AGN IIIA
APRON	Apron I: Ltd win maint
RCR	APM 204-359-6702 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-359-6623
LIGHTING	06-(TE ME) P1, 24-(TE ME) P1 ARCAL-122.1 type K
COMM **RCO** **MF** **PAL** **AWOS**	 Kenora rdo 122.1 (RAAS) 13-02Z‡ Edmonton rdo 123.375 (FISE) 126.7 (bcst) Kenora rdo 13-02Z‡ O/T tfc 122.1 5NM 3700 ASL (CAR 602.98) Winnipeg Ctr 135.1 127.7

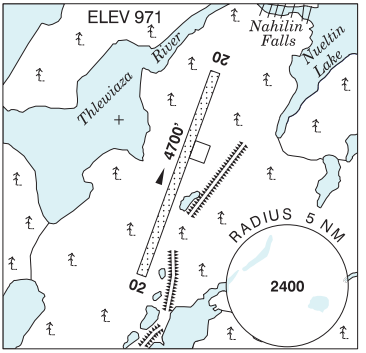


NORWAY HOUSE MB (Cont'd) CYNE

NAV DME	YNQ 115.1 Ch 98 N53 58 19 W97 50 30 (791')
CAUTION	Lighted tower 1126 ASL (375 AGL) 3.4NM NE. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

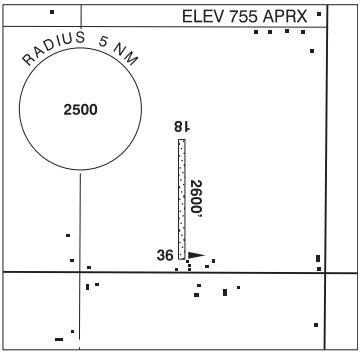
NUELTIN LAKE MB CNL9

REF	N59 42 29 W100 07 38 5°E (2013) UTC-6(5) Elev 971' A5024 LO5 RCAP
OPR	Nueltin Fly-in Lodges Ltd 204-767-2330 Reg PPR Ldg fees
PF	C-1
FLT PLN FIC ACC WX	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg 888-834-3344 or 204-983-8337 ALTIMETER/WIND 412-498-3005 ltd hrs Jun 15-Sep 15 (see COMM)
RWY DATA RCR	Rwy 02(015°)/20(195°) 4700x100 compacted clay/silt Opr No win maint.
COMM ATF	Treeline UNICOM (AU) ltd hrs Jun 15 - Sep 15 O/T tfc 129.6 5NM 4000 ASL



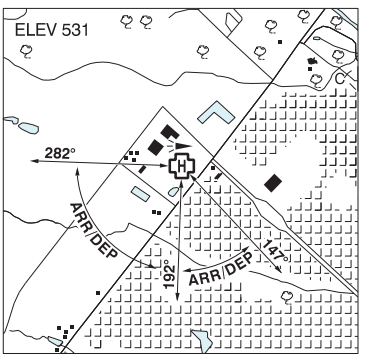
OAK HAMMOCK AIR PARK MB — CAV9

REF	N50 08 16 W97 03 41 3°E (2015) UTC-6(5) Elev 755´ aprx VTA A5007
OPR	Mr. Terry Malley 204-770-4858 or 204-482-8757 Reg
PF	B-1,3
FLT PLN **FIC** **ACC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone number where pilot can be reached prior to dep.
SERVICES **FUEL** **OIL** **S**	 100LL 20W50 1,2,4,5,6
RWY DATA **RCR**	Rwy 18(177°)/36(357°) 2600x70 grass Opr Ltd win maint
COMM **ATF**	 tfc 122.8 3NM 1800 ASL excluding that area within St. Andrews CZ.
PRO	Dep Rwy 18, turn when safely able to avoid St. Andrews CZ. Rgt hand circuit Rwy 18 (CAR 602.96). Circuit hgt 1300 ASL. Aprt in close proximity to St. Andrews CZ see Winnipeg VTA. For flt info ctc St. Andrews TWR & ATC workload permitting. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	P-lines & trees apch to Rwy 36. St. Andrews CZ 1NM S. Acft may encounter tfc from private strip aprx 500' W Thld 18.



OAKVILLE (TRAFALGAR MEM HOSP) ON (Heli) — CTM9

REF	N43 26 56 W79 45 49 3.5W 10°W (2015) UTC-5(4) Elev 531´ VTA A5000
OPR	Halton Health Care 905-845-2571 Cert PPR
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 84' dia ASPH Safety Area 115' dia Max heli overall length 57.4´ Opr
LIGHTING	RY(LO) green
COMM **ATF** **VFR ADV**	 tfc 123.5 4NM below 2500 ASL Toronto 119.3

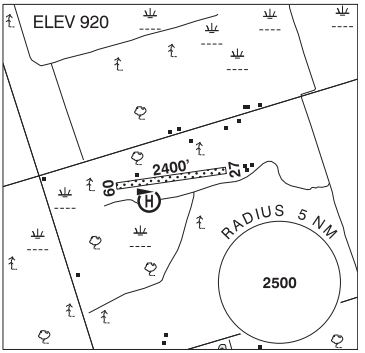


OAKVILLE (TRAFALGAR MEM HOSP) ON (Heli) (Cont'd) CTM9

PRO	Arr/dep 147°-192° fr heli (H1), day/night use. Arr/dep 192°-282° fr heli, slope 16% (H2), day/night use.
CAUTION	Hosp building N and E of heli, unmarked P-lines and light standards S and W of heli.

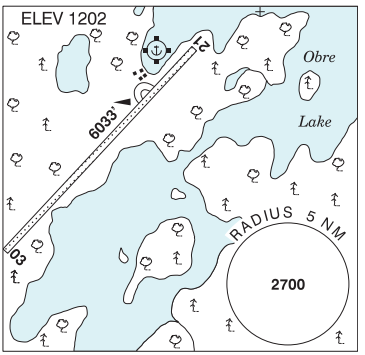
OAKWOOD ON COK3

REF	N44 20 12 W78 54 35 1.5W 11°W (2018) UTC-5(4) Elev 920' A5000
OPR	N. Kelly 705-928-1111 Reg PPR
PF	C-2,3,4,5 D-6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	100LL Emerg only 15W50, 80, W100 Emerg only 7
RWY DATA **RCR**	Rwy 09(093°)/27(273°) 2400x80 GRASS Opr Rwy may be soft when wet. No win maint.
COMM **ATF**	tfc 122.8 5NM 4000 ASL
CAUTION	Trees 800' W Thld 09, 60 AGL. Unlgtd tower 1NE to 200 AGL. Monitor 122.725 for Kawartha Lakes (Lindsay) tfc.



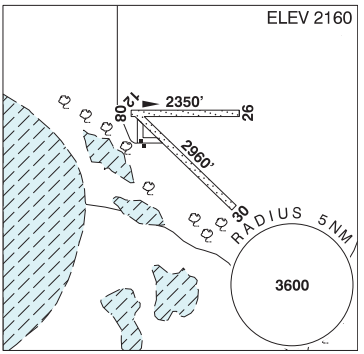
OBRE LAKE / NORTH OF SIXTY NT CKV4

REF	N60 18 56 W103 07 54 Adj E 8°E (2013) UTC-6(5) Elev 1202´ A5024 A5031
OPR	North of 60 Fishing Camps 612-819-3820 Reg PPR
PF	B-1,2,5 PN Oprg Jul 1-Sep 30
FLT PLN **FIC** **ACC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg IFR 888-834-3344 or 204-983-8337
SERVICES **FUEL** **OIL**	100LL, JA-1, MG-1, (Floatbase 100LL only), PN 100
RWY DATA **RCR**	Rwy 03(037°)/21(217°) 6033x100 clay/gravel/sand. Opr No win maint. Rwy 03 first 1000' soft when wet.
COMM **ATF**	UNICOM (AU) ltd hrs (Jun 01-Aug 15) O/T tfc 122.8 5NM 4200 ASL



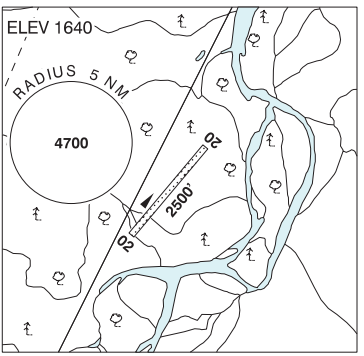
ODESSA / STRAWBERRY LAKES SK — CSL7

REF	N50 21 49 W103 44 30 5.2NNE 9°E (2012) UTC-6 Elev 2160' A5006
OPR	Regina Gliding and Soaring Club 306-536-4119 Reg
PF	D-1,2
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(081°)/26(261°) 2350x150 GRASS Rwy 12(125°)/30(305°) 2960x150 GRASS Opr No win maint
COMM ATF	UNICOM ltd hrs O/T tfc 123.4 5NM 5200 ASL



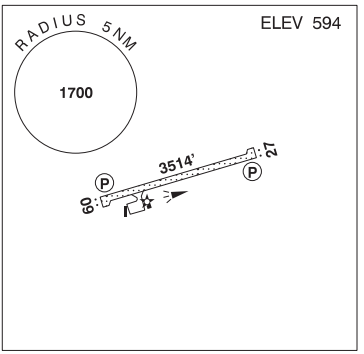
OGILVIE YT — CFS4

REF	N65 40 28 W138 06 56 21°E (2016) UTC-7 Elev 1640´ A5034
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA RCR	Rwy 02(019°)/20(199°) 2500x50 GRVL Opr No maint
COMM ATF	tfc 123.2 5NM 4700 ASL
CAUTION	Rwy sfc contains large, loose stones; tundra tires recommended.



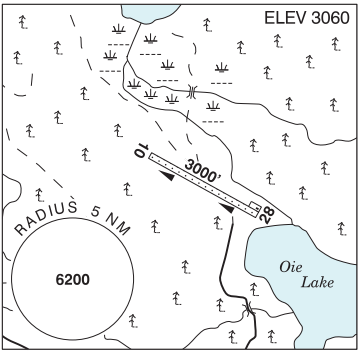
OGILVIE RIVER YT — See OGILVIE

OGOKI POST ON — CYKP



REF	N51 39 31 W85 54 04 2NE 8°W UTC-5(4) Elev 594´ A5008 LO3 CAP
OPR	Govt of Ontario - MTO 807-349-2542 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt pln with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam
RWY DATA	Rwy 09(086°)/27(266°) 3514x100 GRVL Rwy 09 first half up 0.54%, last half down 0.89%
RWY CERT	Rwy 09/27 AGN IIIA
RCR	Aprt Foreperson 807-633-8297 or Opr 13-22Z‡ Mon-Fri exc hols Subject to seasonal & climatic variations.
LIGHTING	09-AS(TE ME) AP, 27-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3600 ASL
PAL	Winnipeg Ctr 135.475 To open/close IFR flt plns
AWOS	128.125
CAUTION	Due to rwy slope acft at rwy ends may not be vis to pilots opposite ends of rwy.

OIE LAKE / DOUGALL CAMPBELL FIELD BC — CDC5

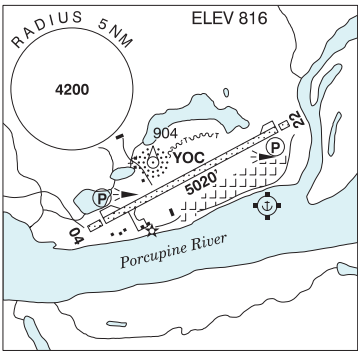


REF	N52 00 39 W121 12 40 18°E (2012) UTC-8(7) Elev 3060' A5004 A5014
OPR	D. Stead 604-328-4451 Reg PPR
PF	C-1 D-2
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 10(100°)/28(280°) 3000x75 gravel Rwy 28 up 2% first 2500'. Rwy 10 down 3.8% first 500'.
COMM	
ATF	tfc 123.2 5 NM 6100 ASL
CAUTION	Trees 50 AGL at thld Rwy 10. Wildlife in vic of rwy.

OKOTOKS AIR RANCH AIRPORT AB — See CALGARY / OKOTOKS AIR RANCH AIRPORT

OKOTOKS (ROWLAND FIELD) AB — See CALGARY / OKOTOKS (ROWLAND FIELD)

OLD CROW YT — CYOC

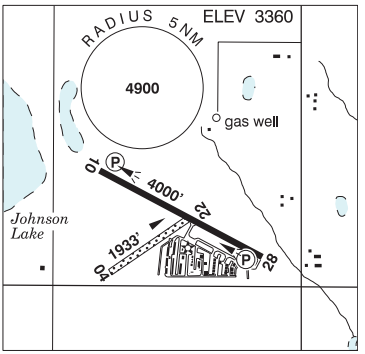


REF	N67 34 12 W139 50 24 Adj 19°E (2020) UTC-8(7) Elev 816´ A5034 LO5 HI2 CAP
OPR	Govt of Yukon 867-993-7709 or 867-634-2046 Cert
PF	A-1 C-2,4,5
CUST	AOE/15 888-226-7277 16-04Z
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-966-3511 Ltd hrs (see COMM) Fax 867-966-3425
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-01Z, issue times: 15, 19Z.
SERVICES	Call out chg may be levied for one or more svcs. Fuel stor by permit only ctc opr
FUEL	100LL, JA (Card lock) Vuntut Gwitchin First Nation 867-966-4610 or 867-966-3261 Ext 242
S	4,6
RWY DATA	Rwy 04(043°)/22(223°) 5020x100 GRVL Thld 04 displ 304'. Thld 22 displ 207'.
RWY CERT	Rwy 04/22 AGN IIIA
RCR	CARS, dur CARS hrs ops (see COMM),Aprt maint avbl 13-21Z ctc 867-966-3165. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	04-(TE LO) P2, 22-(TE LO) P2 ARCAL-122.1 type J
COMM	
DRCO	Whitehorse rdo 123.475 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3900 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-01Z
NAV	
NDB	YOC 284 (M) N67 34 17 W139 50 41
PRO	PN for non-sked acft with wing span over 60 ft, ctc opr
CAUTION	P-line up to 45 AGL fr aprx 518' to 1291' N of rwy centerline. Unmarked P-lines 44 AGL 858 ASL from 0.1 NW to 0.2 WNW of A/D.

OLDS-DIDSBURY AB

CEA3

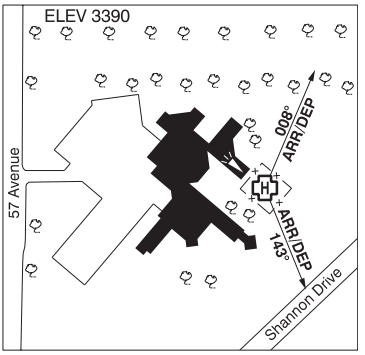
REF	N51 42 40 W114 06 24 4.3S 15°E (2013) UTC-7(6) Elev 3360´ VTA A5005 LO2 CAP
OPR	KS2 Management Ltd. 825-994-4815, 403-829-8105 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL, JA Self-serve H24, VISA, MasterCard
OIL	65, 80, Turbo
S	1,2,3,4,5,6,
RWY DATA	Rwy 10(103°)/28(283°) 4000x75 ASPH Rwy 28 up 0.31% AGN IIIA Rwy 04(041°)/22(221°) 1933x50 GRASS
RCR	Opr Ltd maint. Rwy 04/22 ltd win maint.
LIGHTING	10-(TE ME) AP 3.36°, 28-(TE ME) AP 3.36° ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 6400 ASL
DEP	Edmonton Ctr 132.85
CAUTION	Intsv gliding activity to 6400 ASL vic Olds (Netook) A/D 8.5NM N check for NOTAM. CAUTION winch cable may extend from sfc to 5800 ASL (2500 AGL).



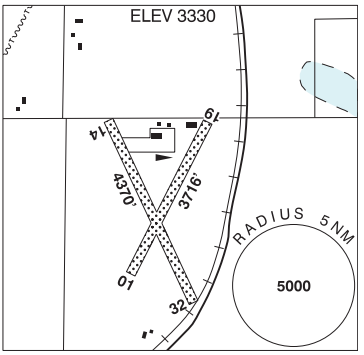
OLDS (HOSP & CARE CENTRE) AB (Heli)

CFU9

REF	N51 48 05 W114 07 00 Adj 15°E (2014) UTC-7(6) Elev 3390´ A5005
OPR	Alberta Health Services 403-556-3381 Cert NVIS OPS AUTH PPR
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 67' dia GRASS TLOF 30' dia CONC Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96)
COMM	
ATF	tfc 123.3 5NM 6400 ASL
PRO	Arr/dep 008° and 143° fr heli, slope 16% (H2) (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Trees to 35 AGL 115' N of heli & trees to 55 AGL 345' N thru NE of heli.

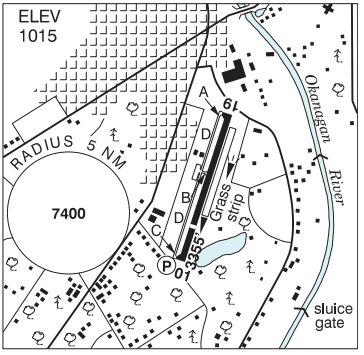


OLDS (NETOOK) AB — CFK6



REF	N51 50 51 W114 03 53 3.5N 14°E (2016) UTC-7(6) Elev 3330´ A5005
OPR	Air Cadet League of Canada 403-994-0056, 780-289-7330 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 14(141°)/32(321°) 4370x300 GRASS Rwy 01(013°)/19(193°) 3716x200 GRASS
RCR	Opr No win maint
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.3 5NM 6400 ASL
CAUTION	Intsv glider activity within ATF to 6400 ASL daylight hrs Jun to Aug by NOTAM, Apr to Jun, Sep to Nov primarily on weekends and holidays by NOTAM. Winch cable may extend from sfc to 5800 ASL (2500 AGL).

OLIVER BC — CAU3



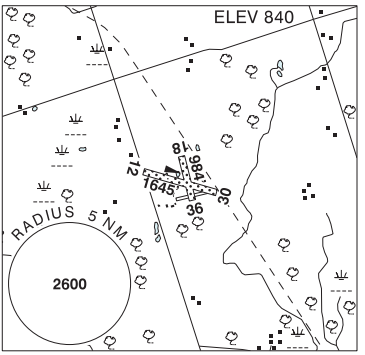
REF	N49 10 24 W119 33 04 Adj S 16°E (2015) UTC-8(7) Elev 1015´ A5005 LO2
OPR	Town 250-485-6200 APM 250-535-0395 Reg
PF	A-1 B-2,5 C-3,4,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL (APM), JA-1 (FSII avbl) Aurora Helicopters Ltd. 866-743-5588. Full/Self-serve, Visa/Mastercard.
OIL	All
S	2,4,5
RWY DATA	Rwy 01/19 3355x50 asphalt Thld 01 displ 744' Rwy 19 up 0.75% first 1600'
RCR	APM 17-01Z‡ Ltd win maint
LIGHTING	01-(TE LO) AP 4°, 19-(TE LO) APAPI limitation/restriction. APAPI Rwy 01 to be used only within 3NM of thld ARCAL-122.8 type J.
COMM	
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATF	UNICOM 122.8 2NM 2500 ASL

OLIVER BC (Cont'd) CAU3

PRO	Rgt hand circuits Rwy 01 (CAR 602.96).
CAUTION	Only pilots familiar with lcl terrain should use this A/D at ngt. A/D lctd in narrow mtn valley with unlgtd high terrain E & W of aprt. Migratory bird act in vic of A/D. Due to high terrain, it is recommended pilots proceeding E or W under VFR, attain an alt of 5,000' (ASL) min before leaving the Okanagan Valley. Hi terrain reduces operational length of Rwy 01 APAPI. Grass tkof/ldg area 2000' x 40' adj E Rwy 01/19 no win maint, use at own risk.

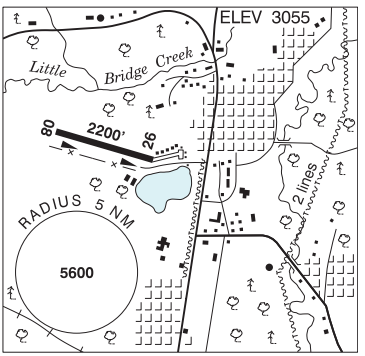
OMEMEE ON CME2

REF	N44 17 08 W78 37 39 3.2W 11°W (2015) UTC-5(4) Elev 840' A5000
OPR	Elliot SA 705-928-2430 Reg PPR
PF	B-1 C-2,3,5 D-4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada and USA)
RWY DATA RCR	Rwy 12(117°)/30(297°) 1645x50 GRASS Rwy 18(177°)/36(357°) 984x50 GRASS Opr No win maint. Rwy soft and wet in spring.
COMM ATF	tfc 123.2 3NM 3800 ASL
CAUTION	Ponds midfield either side of rwys. Unmarked p-lines parallel to Old Mill Road. Hill 100' AAE on W side of Old Mill Road beyond rwy. Wildlife may be present. Wet areas 98-197' E of Thld 12. Suitable for ultra-light acft. Hi terrain reduces operational length of Rwy 36 APAPI. Recreational trail E of Thld 30.



ONE HUNDRED MILE HOUSE BC CAV3

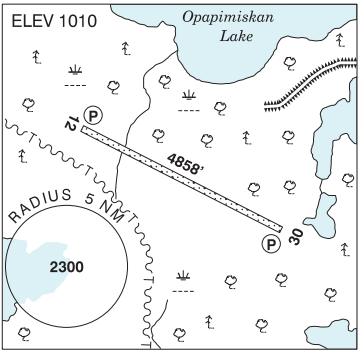
REF	N51 38 33 W121 18 25 Adj SW 17°E (2016) UTC-8(7) Elev 3055´ A5004 LO2
OPR	The District of 100 Mile House 250-395-6441/0591 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 2200x50 asphalt Rwy 08 up 2.5% Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 6100 ASL
PRO	Recommend downhill tkof Rwy 26 & uphill ldg Rwy 08 when wind cond permit.
CAUTION	Severe downdrafts may be encountered when taking off to the E. P-line 40´ high adj E of A/D. Hill 3940 ASL 0.5NM E. Watch for bird activity from adj sanctuary.



108 MILE BC — See SOUTH CARIBOO / 108 MILE

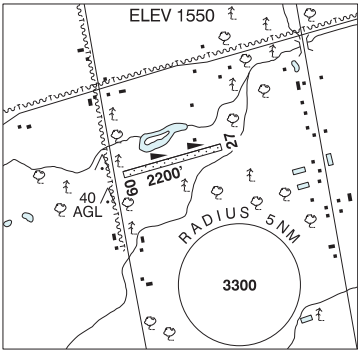
OPAPIMISKAN LAKE ON CKM8

REF	N52 36 31 W90 22 37 4°W (2014) UTC-5(4) Elev 1010´ A5017 LO3 RCAP
OPR	Goldcorp Canada Inc/Musselwhite Mine 807-928-2200 Ext 6000 or 807-251-4534 Reg PPR
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(121°)/30(301°) 4858x100 GRVL Opr 807-928-3031
LIGHTING	12-(TE ME) AP, 30-(TE ME) AP ARCAL-122.8 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	P-line up to 90 AGL crosses apch to Rwy 12 aprx 2250' fr thld.



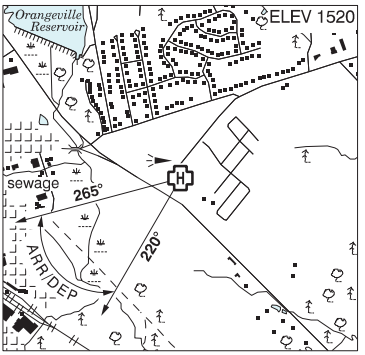
ORANGEVILLE / CASTLEWOOD FIELD ON CPV2

REF	N43 57 31 W80 09 18 3NW 10°W UTC-5(4) Elev 1550´ VTA A5000
OPR	1000721284 Ontario Inc. 226-259-1700 Reg PPR Ltd hrs
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 09/27 2200x65 GRASS Opr No win maint. Rwy soft when wet.
COMM ATF	tfc 123.2 2NM 3600 ASL
PRO	Rgt hand circuits Rwy 09 (CAR 602.96).
CAUTION	Trees aprx 30 AGL at Thld 09. Concentration of geese at pond Spring, Summer & Fall.



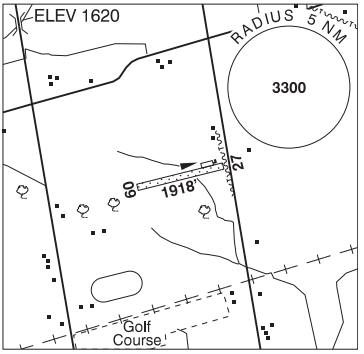
ORANGEVILLE (HEADWATERS HEALTHCARE CENTRE) ON (Heli) CHW2

REF	N43 55 12 W80 04 32 Adj E 10°W (2013) UTC-5(4) Elev 1520' VTA A5000
OPR	Headwaters Healthcare Centre Orangeville 519-941-2702 Ext 2354 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86'x86' ASPH Safety Area 114'x114' Max heli overall length 57.5' Security 519-941-2702 Ext 3900
LIGHTING	RY(LO) RF(FL)
COMM ATF	tfc 123.2 4NM 4600 ASL
PRO	Arr/dep btwn 220°-265° fr heli, slope 8% (H3), day/night use.

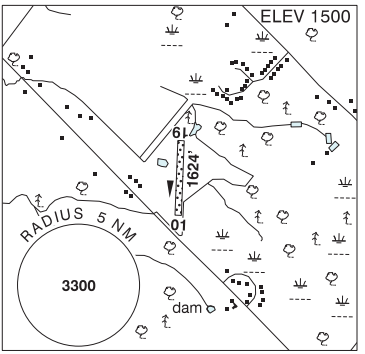


ORANGEVILLE / LAUREL ON COL2

REF	N43 55 01 W80 12 21 4W 10°W UTC-5(4) Elev 1620' VTA A5000
OPR	M. Nielsen 416-201-1998 Reg PPR
PF	A-1 C-2 D-4, 5, 6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll Free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 09(086°)/27(266°) 1918x80 GRASS Opr No win maint. Rwys soft when wet.
COMM ATF	tfc 123.2 2NM 3700 ASL
CAUTION	Trees aprx 30 AGL at Thld of Rwy 27. Orangeville/Castlewood Field A/D 3.3NM NE.

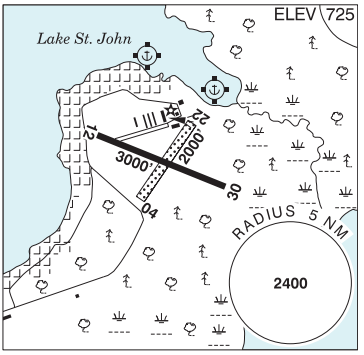


ORANGEVILLE / ROSEHILL ON — COR8



REF	N43 54 07 W80 01 26 Adj ESE 10°W (2015) UTC-5(4) Elev 1500' VTA A5000
OPR	Gary Langen 519-833-9478 Fax 519-855-4029 Reg
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 01(012°)/19(192°) 1624x25 GRVL Opr No win maint
COMM ATF	tfc 123.2 4NM 4500 ASL
CAUTION	Trees at both ends of rwy.

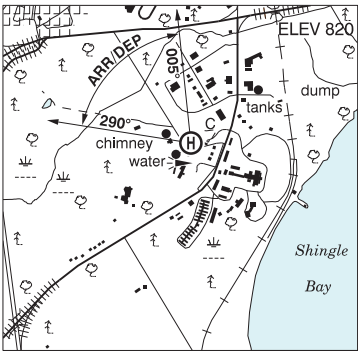
ORILLIA RAMA REGIONAL ON — CNJ4



REF	N44 40 39 W79 18 35 6.5NE 11°W UTC-5(4) Elev 725´ A5000
OPR	Orillia Rama Regional APM 705-325-9838 Reg
PF	A-1,2 C-3,5 D-4,6
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL	100LL, JA-1 (FSII avbl), MG-3
OIL	All
S	1,2,3,4,5
RWY DATA	Rwy 12/30 3000x75 ASPH Rwy 04/22 2000x150 GRASS Rwy 04/22 clsd Oct 20-May 1
RCR	Opr 13-22Z‡ Ltd win maint Rwy 12/30. Rwy 04/22 may be soft when wet.
COMM ATF	UNICOM ltd hrs O/T tfc 122.95 5NM 3700 ASL
PRO	Rgt hand circuits Rwys 04 & 12 (CAR 602.96). Water A/D circuits 1500 ASL (800 AGL) away fr land A/D. Avoid flt over chemical plant on W shore of Lake St. John, N44 40 29 W79 20 27, aprx 1.5NM W A/D. Heli arr/dep area aprx 75' S of driveway at N44 40 52 W79 18 46. Heli to hover taxi to/fr prkg area located at Aviation Technical Consultants bldg (N44 40 56 W79 18 46).
CAUTION	Twr painted & lgtd 1070 ASL (300 AGL) aprx 2NM E of A/D.

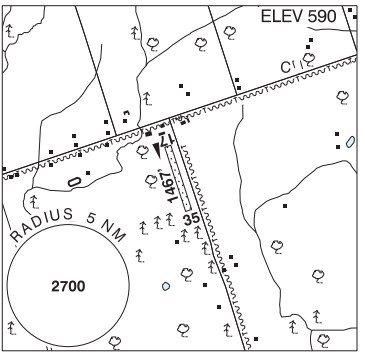
ORILLIA (ONTARIO PROVINCIAL POLICE) ON (Heli) COP2

REF	N44 35 04 W79 25 44 Adj 11°W UTC-5(4) Elev 820´ A5000
OPR	Ontario Provincial Police Helicopter Operations 705-329-7525/6950 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 90' dia CONC Safety Area 120' dia Max heli overall length 60'
LIGHTING	RY(HI) RF(FH) ARCAL-123.0 type J
COMM ATF	tfc 122.8 5NM 3800 ASL
PRO	Arr/dep btwn 290°-005° fr heli, slope 8% (H3), day/night use.
CAUTION	Lgtd chimney 900 ASL (100 AGL) 300´ WSW. Lgtd twr 900 ASL (100 AGL) 600´ N. Seagull concentration over landfill site 1NM NE.



ORONO FIELD ON COR3

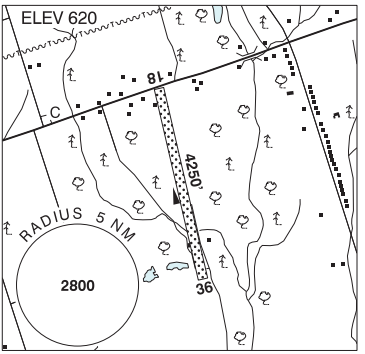
REF	N43 58 22 W78 35 22 1.2ESE 11°W (2016) UTC-5(4) Elev 590' A5000
OPR	Paul Koukidis 416-702-3783 Reg PPR
PF	C-2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(173°)/35(353°) 1467x75 GRASS
RCR	Opr Ltd maint. No win maint. Rwy strength & cond subject to seasonal & climatic variations. Rwy rough & undulating. PN
COMM ATF	tfc 123.2 5NM 3600 ASL
CAUTION	50' trees on arr/dep ends of rwy. P-lines parallel adj to rwy along road. Lgtd twr 692 ASL (200 AGL) 0.9NM W of A/D. Wind turbines to 1451 ASL (480 AGL) aprx 2.1NM N of A/D.



ORONO / HAWKEFIELD ON

CHF4

REF	N43 59 54 W78 38 54 1.9NW 11°W (2016) UTC-5(4) Elev 620' A5000
OPR	Hannu Halminen 905-449-1857 Reg PPR
PF	C-1,2,3,5,7
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,4
RWY DATA RCR	Rwy 18(178°)/36(358°) 4250x100 GRASS Opr No win maint
COMM ATF	tfc 123.2 2NM 3700 ASL
PRO	Rgt hand circuits Rwy 18 (CAR 602.96)
CAUTION	High tension p-line 130 AGL 0.2NM N of Rwy 18.

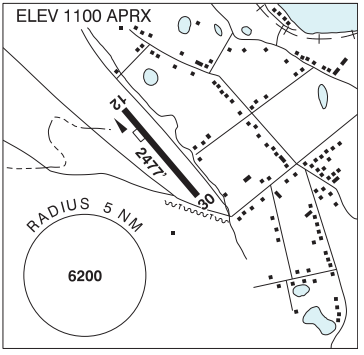


OSHAWA EXECUTIVE AIRPORT ON — See TORONTO / OSHAWA EXECUTIVE AIRPORT

OSOYOOS BC

CBB9

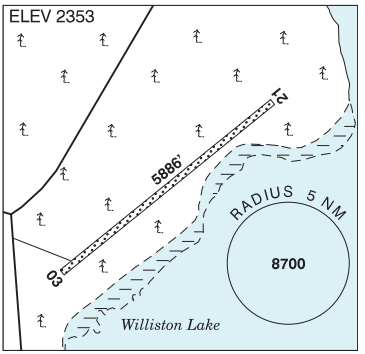
REF	N49 02 14 W119 29 20 Adj 16°E (2015) UTC-8(7) Elev 1100´ aprx A5005
OPR	Town 250-495-6515 Reg
PF	C-1,2,3,4,5 D-6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 12/30 2477x50 asphalt 250-495-6213 No win maint
COMM RCO ATF	Pacific rdo (Oliver) 125.85 (FISE) 126.7 (bcst) tfc 123.2 2NM 2600 ASL
PRO	Rgt hand circuits Rwy 30 (CAR 602.96).
CAUTION	P-line across apch to Rwy 30. Rdo-controlled model acft aprx 200´ W of rwy. Dirt ridge parallels rwy on W side aprx 15-20´ fr rwy. Due to high terrain, it is recommended pilots proceeding E or W under VFR, attain an alt of 5,000' (ASL) min before leaving the Okanagan Valley.



OSPIKA BC

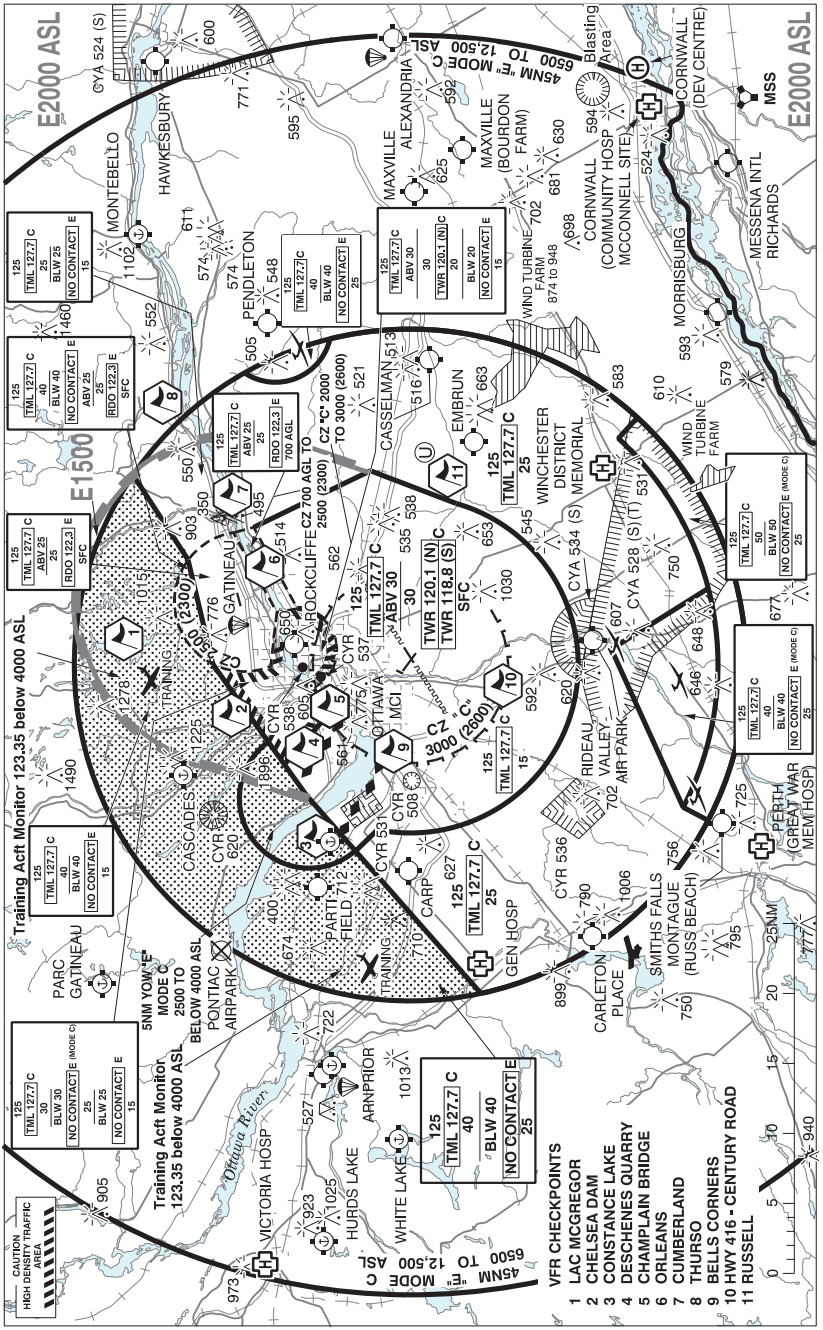
CBA9

REF	N56 16 15 W124 03 50 Adj SE 18°E (2019) UTC-8(7) Elev 2353' A5022 LO1 RCAP
OPR	Ootsa Air Ltd 250-963-0045 Reg
PF	B-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 03(033°)/21(213°) 5886x60 coarse gravel Rwy 03 down 0.63% Trees cleared to 350' aprx. Opr No win maint.
COMM ATF	tfc 123.2 5NM 5300 ASL
CAUTION	Rwy shoulders unprepared. Ocsl drop-off at rwy edge to 4´ deep.



OSTERGARD'S AB — See DRUMHELLER / OSTERGARD'S

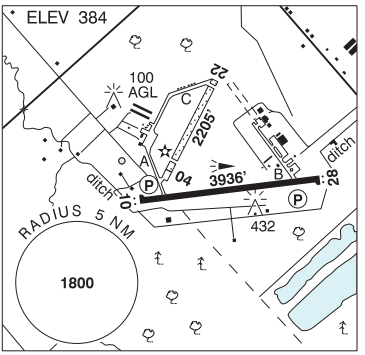
OTTAWA TCA VFR TERMINAL PROCEDURES CHART



OTTAWA TCA VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BELLS CORNERS	VCBCR	N45° 19' 12" W075° 50' 00"
CHAMPLAIN BRIDGE	VCCHB	N45° 24' 30" W075° 45' 30"
CHELSEA DAM	VCHEL	N45° 30' 48" W075° 46' 32"
CONSTANCE LAKE	VCCON	N45° 25' 00" W075° 59' 00"
CUMBERLAND	VCMBL	N45° 31' 00" W075° 24' 36"
DESCHENES QUARRY	VCQRY	N45° 25' 48" W075° 49' 12"
HWY 416 - CENTURY ROAD	VCNTY	N45° 11' 22" W075° 43' 16"
LAC MCGREGOR	VCPOU	N45° 38' 37" W075° 38' 52"
ORLEANS	VCORL	N45° 28' 34" W075° 31' 27"
RUSSELL	VCRSL	N45° 15' 27" W075° 22' 00"
THURSO	VCGUY	N45° 35' 55" W075° 14' 43"

OTTAWA / CARP ON — CYRP



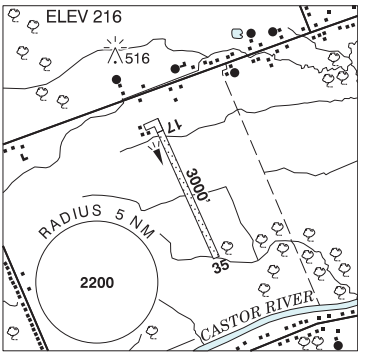
REF	N45 19 21 W76 01 20 1.2S 13°W (2015) UTC-5(4) Elev 384´ A1905 A5000 A5002 LO6 LO7 T2 CAP
OPR	West Capital Developments 613-839-5276 Cert Ldg fees for itinerant acft
PF	A-1 C-2,3,4 D-5,6
CUST	AOE/CAN
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR
SERVICES	
FUEL	100LL (Card lock), JA-1 08-20Z‡ O/T call out chg PN
OIL	15W50, 20W50, W100plus, Mineral, Turbine 2380 Eastman
S	1,3,4,5,6
RWY DATA	Rwy 10(097°)/28(277°) 3936x98 ASPH Rwy 04(040°)/22(220°) 2205x65 GRVL Thld 04 displ 196'. Thld 22 displ 98'. Rwy 04 down 0.77%. Day VFR only
TWY	Twy C rstd to day use only.
RCR	Opr PLR/PCN No win maint Rwy 04/22
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	UNICOM 12-20Z‡ O/T tfc 122.8 5NM 3400 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
TML	127.7

OTTAWA / CARP ON (Cont'd) CYRP

NAV **DME**	OTTAWA YOW 114.6 Ch 93 N45 26 30 W75 53 49 (482´)
PRO	VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA / MACDONALD-CARTIER INTL FOR PROCEDURES. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.
CAUTION	Water aerodrome, Constance Lake, 3NM NNE. Wildlife frequently on rwy.

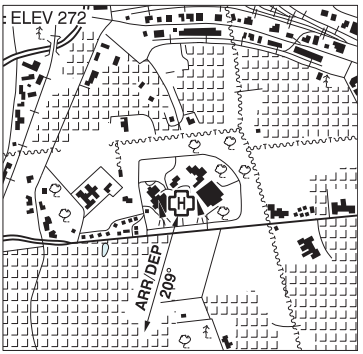
OTTAWA / CASSELMAN (SHEA FIELD) ON CSF7

REF	N45 17 59 W75 10 17 3.7E 14°W UTC-5(4) Elev 216' A1905 A5000 A5002
OPR	Todd Shea 613-850-3589 Reg PPR
PF	B-1 C-2,3,5 D-4,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL**	 MOGAS, 100LL PN 80, 100
RWY DATA **RCR**	Rwy 17(170°)/35(350°) 3000x50 GRASS Opr No win maint Ltd hrs Rwy soft when wet
LIGHTING	17-(RR), 35-(RR)
COMM **ATF**	 tfc 123.2 5NM 3300 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
PRO	Rgt hand circuits Rwy 35 (CAR 602.96)
CAUTION	Lgt twr 516 ASL 0.4NM N of A/D and 522 ASL 2.06NM E of A/D. P-lines aprx 30 AGL 700' N Thld 17. Ocsl wildlife on rwy.



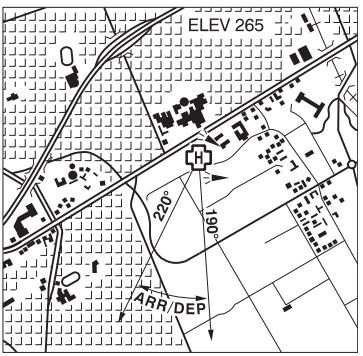
OTTAWA (CHILDREN'S HOSP) ON (Heli) CPK7

REF	N45 24 04 W75 39 01 Adj 13°W (2015) UTC-5(4) Elev 272´ A1905 A5000 A5002
OPR	Children's Hosp of Eastern Ontario 613-737-7600 Cert PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia ASPH TLOF 34' x 34' ASPH Safety Area 114´ dia Max heli overall length 56.5'
RCR	Opr
LIGHTING	DR RY (LO)
COMM	
RCO	Québec rdo (Ottawa/M.-C. Intl) 123.15 (FISE) 126.7 (bcst)
TWR	Ottawa 118.8
PRO	Arr/dep 209° fr heli, slope 12% (H1), day/night use. All acft to park with exhaust away fr bldg at all times.



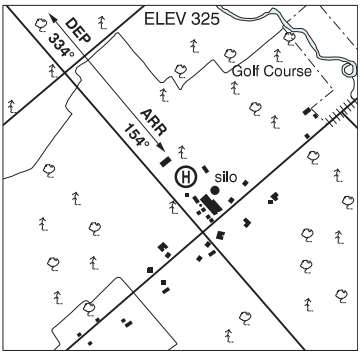
OTTAWA (CIVIC HOSP) ON (Heli) CPP7

REF	N45 23 30 W75 43 14 14°W UTC-5(4) Elev 265´ A1905 A5000 A5002
OPR	Ottawa Civic Hosp 613-761-4000 Cert PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5'
RCR	Opr
LIGHTING	RY(LO) RF(FL)
COMM	
RCO	Québec rdo (Ottawa/M.-C. Intl) 123.15 (FISE) 126.7 (bcst)
TWR	Ottawa 118.8
PRO	Arr/dep 190°-220° fr heli, slope 8% (H3), day/night use.
CAUTION	P-lines and trees near ldg area.



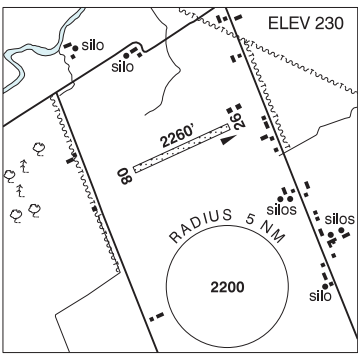
OTTAWA / DWYER HILL ON (Heli) CYDH

REF	N45 07 50 W75 56 54 14°W UTC-5(4) Elev 325´ A1905 A5000 A5002
OPR	DND 613-838-4609 Mil PPR 24 hrs
PF	B-1,2 (avbl 13-21Z‡) D-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	180´ x 125´ GRASS
COMM MIL	Watchdog 173.340 Ltd hrs O/T PPR 24 hrs notice
PRO	All acft must be established abv 500 AGL if not specifically within the tactical flying area. Care must be exercised on arr/dep to not over-fly sur civ residences. Arr/dep 154°/334° to/fr heli.
CAUTION	Mil 990´ firing rng loc 330´ NE of landing zone. Extv mil flt below 500 AGL in vic.

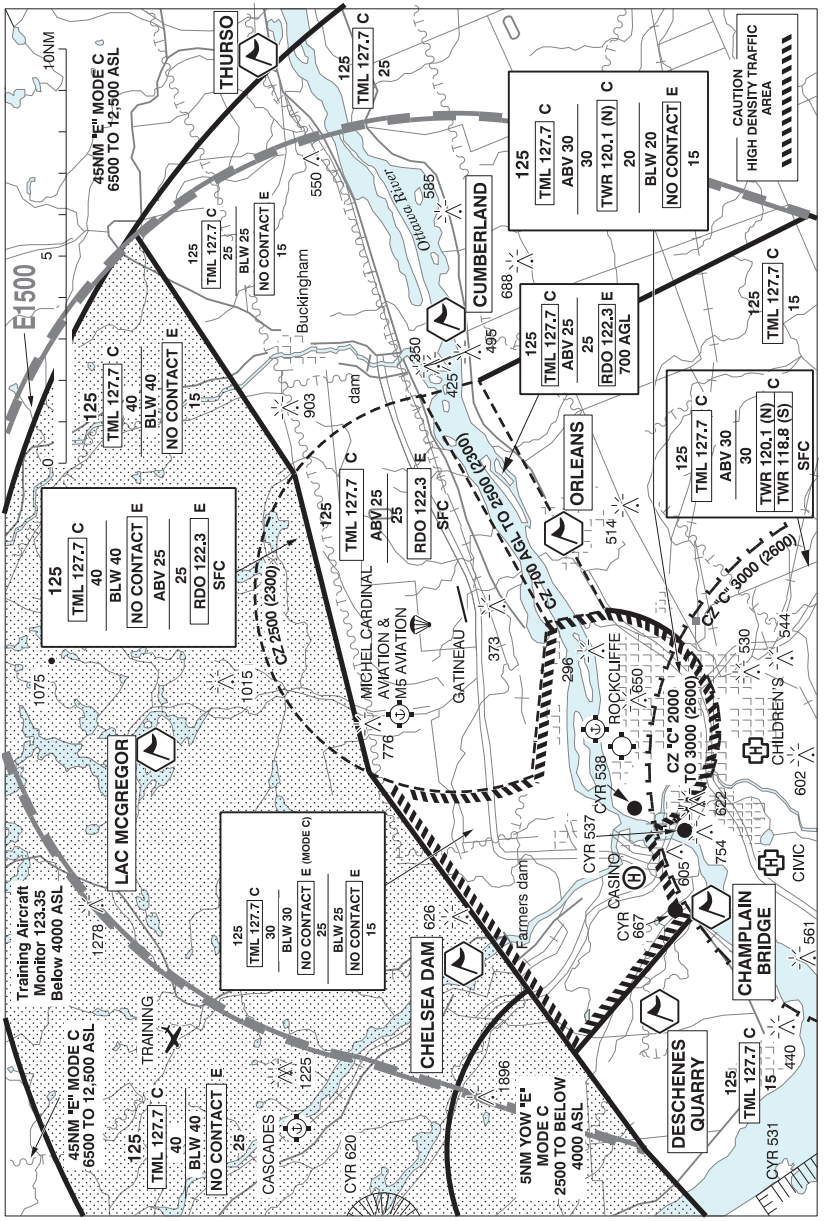


OTTAWA / EMBRUN ON CPR2

REF	N45 14 28 W75 17 55 2SW 14°W UTC-5(4) Elev 230´ A1905 A5000 A5002
OPR	Embrun Airpark Inc. / Serge Boucher 613-443-1469 Reg Ltd hrs
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-WXBRIEF or (French) 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 2260x50 GRASS Opr No win maint
COMM ATF	Embrun tfc 123.2 5NM 3200 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
PRO	**VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.
CAUTION	Three twrs: 547 ASL aprx 2.5NM NNW, 560 ASL aprx 1.5NM NNW & 580 ASL aprx 5NM NNW of aprt. P-line 35', aprx 700´ fr thld Rwy 26. P-line 30´, aprx 600´ fr thld Rwy 08. Lgtd wind turbines to 948 ASL (657 AGL) aprx 2.5NM SE of A/D.



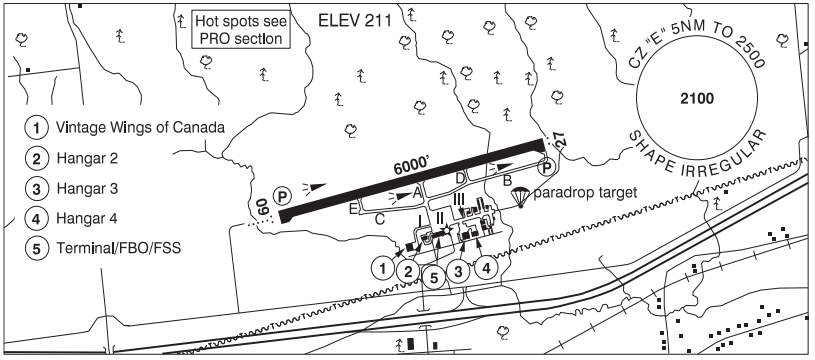
OTTAWA / GATINEAU VFR TERMINAL PROCEDURES CHART



OTTAWA / GATINEAU VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CHAMPLAIN BRIDGE	VCCHB	N45° 24' 30" W075° 45' 30"
CHELSEA DAM	VCHEL	N45° 30' 48" W075° 46' 32"
CUMBERLAND	VCMBL	N45° 31' 00" W075° 24' 36"
DESCHENES QUARRY	VCQRY	N45° 25' 48" W075° 49' 12"
LAC MCGREGOR	VCPOU	N45° 38' 37" W075° 38' 52"
ORLEANS	VCORL	N45° 28' 34" W075° 31' 27"
THURSO	VCGUY	N45° 35' 55" W075° 14' 43"

OTTAWA / GATINEAU QC — CYND

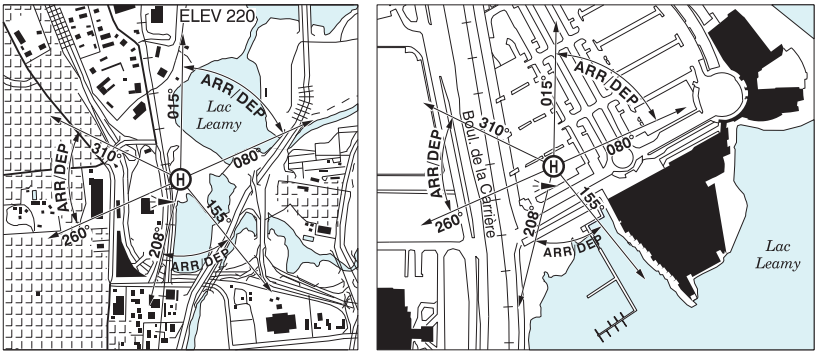


REF	N45 31 18 W75 33 49 Adj E 14°W UTC-5(4) Elev 211´ A1905 A5000 A5002 LO6 LO7 HI5 T2 CAP
OPR	La Corp de l'Aéroport Exécutif Gatineau-Ottawa 819-743-8883 Cert
PF	A-1,2,7 12-01Z‡ B-3,6 C-4,5
CUST	AOE/15 888-226-7277 13-21Z‡ Mon-Fri
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR
WX	METAR 12-02Z‡ O/T LWIS TAF 14-02Z‡, issue times: 00, 14, 18Z (DT 00, 13, 18Z)
DUAT	ATB access during ATB hrs of ops
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), SP, HPR 12-01Z‡ O/T call out chg 2 hr PN 819-665-7024, 819-743-8883
OIL	All
S	1,2,4,5,6
SUP FL	D & A-ice
PVT ADV	Opr 123.4
MIL CON	Gatineau Airport Corporation, 123.4, 819-665-7024

OTTAWA / GATINEAU QC (Cont'd) CYND

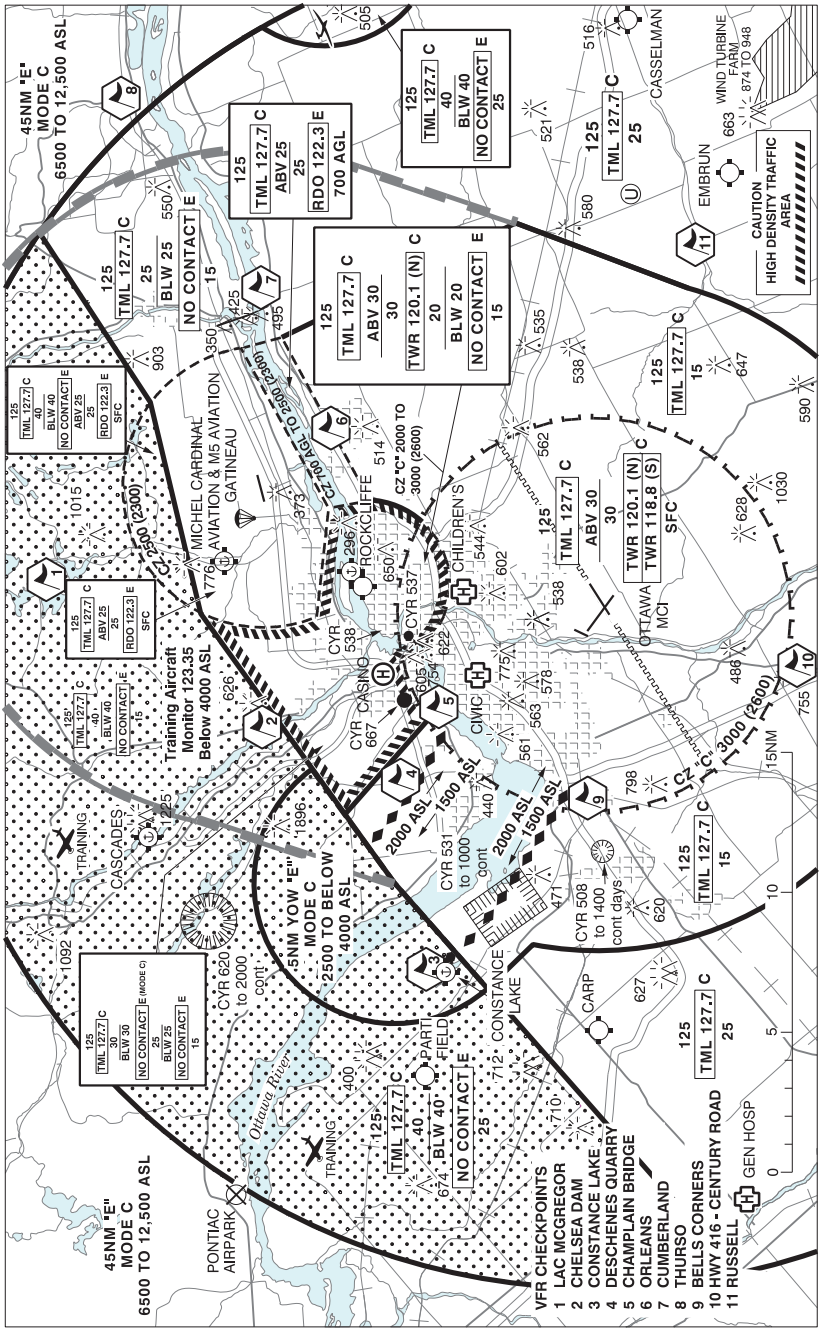
RWY DATA	Rwy 09(089°)/27(269°) 6000x150 ASPH
RWY CERT	Rwy 09/27 AGN IIIB
TWY	Apron I and III rstd to less than 26,000 kg
RCR	Aprt 819-598-8407 CRFI avbl 11-02Z‡ Mon-Fri, 13-00Z‡ Sat-Sun Opr Snow removal 11-02Z‡ O/T 3 hr PN. PCN
LIGHTING	09-AO(TE ME) P2, 27-AS(TE ME) P2 ARCAL-122.3 type K 0215-1130Z‡
COMM	(bil)
RADIO	Gatineau 122.3 PTC avbl (V) 1130-0215Z‡ (emerg only 819-643-2961)
RCO	Québec rdo 123.375 (FISE)
GND ADV	122.6 1130-0215Z‡ (emerg only 819-643-2961)
MF/ATF	Gatineau rdo 122.3 5NM shape irregular 2500 ASL (CAR 602.98) 1130-0215Z‡ O/T ATF 122.3
TML	Ottawa 127.7 128.175
VFR ADV	Ottawa Tml 127.7
PRO	Rgt hand circuits Rwy 27 (CAR 602.96). Possible turbulence on apch Rwy 27 with N wind. VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA / MACDONALD-CARTIER INTL FOR PROCEDURES. **GROUND ADVISORY**: The Minister has authorized specific operating restrictions regarding communications intended for the MF, as well as the introduction of a Ground Advisory frequency (GND ADV) pursuant to CARs 602.97(2), 602.98(1) and 602.99. **Departure procedure**: Prior to taxi for departure; contact GND ADV on 122.6 for clearance and initial advisory information. After receiving initial advisory information, GND ADV will initiate communication transfer to RADIO on 122.3 prior to entering the runway/departure surface. Pilots are required to ascertain that there is no likelihood of collision with another aircraft or a vehicle prior to departure as stated in CAR 602.96 2a) and b). **Arrival procedure**: After exiting the runway/arrival surface and reporting clear on the radio frequency, pilots will be directed to contact GND ADV on 122.6 for ground traffic and taxiing information before entering the taxiway. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. Due to obstructed vis from the FSS, all acft taxiing to Thld 27 via Twy B must advs Gatineau rdo upon arr at hold short line and again when entering Rwy 27 (see CAUTION).
CAUTION	**FSS Visibility:** First 670' Twy B fr Thld 27 not visible fr FSS. **Maintenance:** Possible NORDO win maint eqpt on rwy outside FSS ops hrs. **Parajumps:** Over aprt max alt ocsl 15,000 ASL, 11-05Z‡. **Airspace:** Inbd tfc ctc Gatineau rdo 5 min prior to entering MF zone. **Firing range:** Aprx 0.5NM NW of Thld 09, active May 15-Nov 1 daylight. **Wildlife:** Possibility of animals on rwy, bird activity May-Oct. **Aerobatics:** Possible aerobatic activity over A/D btwn gnd and 8500 ASL.

OTTAWA / GATINEAU (CASINO) QC (Heli) CTA9



REF	N45 26 48 W75 43 36 Adj 14°W UTC-5(4) Elev 220´ A1905 A5000 A5002
OPR	Casiloc Inc 819-772-6262 Ext 3636 Fax 819-772-3704 Cert PPR
PF	C-1,2,3,4,5
FLT PLN **FIC**	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 79' dia CONC Safety Area 94' dia Max heli overall length 47' Opr
LIGHTING	RY RF ARCAL-123.2 type J
COMM **RCO** **ATF**	Québec rdo (Gatineau) 123.375 (FISE) Rockcliffe UNICOM ltd hrs O/T tfc 123.5 5NM 3200 ASL excluding Gatineau CZ, Ottawa/Macdonald-Cartier Intl CZ and the airspace that lies within Ottawa TCA class C airspace.
PRO	Arr/dep btwn 015°-080°, 155°-208° and 260°-310° fr heli, slope 8% (H3). Flt over boats prohibited at all times. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.

OTTAWA M.-C.I. VFR TERMINAL PROCEDURES CHART



OTTAWA M.-C.I. VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BELLS CORNERS	VCBCR	N45° 19' 12" W075° 50' 00"
CHAMPLAIN BRIDGE	VCCHB	N45° 24' 30" W075° 45' 30"
CHELSEA DAM	VCHEL	N45° 30' 48" W075° 46' 32"
CONSTANCE LAKE	VCCON	N45° 25' 00" W075° 59' 00"
CUMBERLAND	VCMBL	N45° 31' 00" W075° 24' 36"
DESCHENES QUARRY	VCQRY	N45° 25' 48" W075° 49' 12"
HWY 416 - CENTURY ROAD	VCNTY	N45° 11' 22" W075° 43' 16"
LAC MCGREGOR	VCPOU	N45° 38' 37" W075° 38' 52"
ORLEANS	VCORL	N45° 28' 34" W075° 31' 27"
RUSSELL	VCRSL	N45° 15' 27" W075° 22' 00"
THURSO	VCGUY	N45° 35' 55" W075° 14' 43"

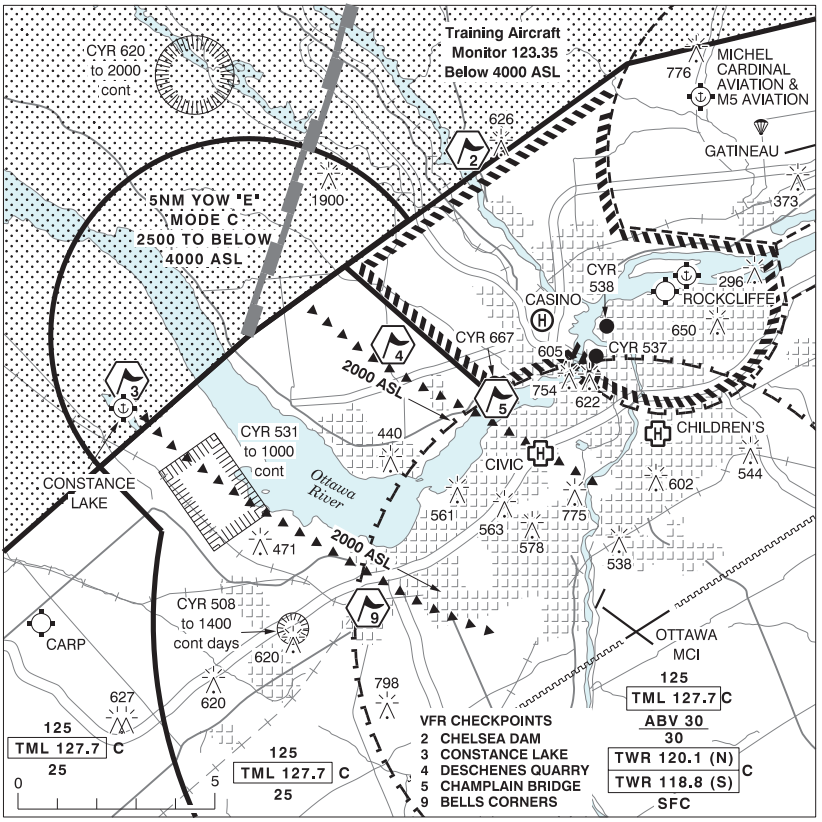
VFR FLIGHTS IN OTTAWA MACDONALD-CARTIER CLASS C CZ AND TCA TERMINAL

In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a procedure is available allowing VFR aircraft to obtain a transponder code prior to take off. This mandatory procedure applies to VFR aircraft that did not file a flight plan or flight itinerary with Nav Canada and wishing to penetrate or operate in the Ottawa/MacDonald-Cartier Class C and terminal Class C airspace. All acft not respecting mandatory transponder code procedure will not be accepted in Ottawa/MacDonald-Cartier Class C CZ and TCA C airspace.

To obtain a transponder code:
A discrete transponder code shall be obtained at least 30 minutes prior to the flight taking off toward Ottawa/MacDonald-Cartier Class C CZ and TCA airspace, by contacting the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, and providing ATC with flight information. Aircraft departing CYUL, CYJN, CYHU, CYOW, CYMX or CYND will obtain their transponder code from the Control Tower or FSS.

Flight procedure:
1. Set your transponder to the assigned code prior to your first communication with ATC.
2. To the extent possible, ctc ATC at least 5NM prior to entering Ottawa/MacDonald-Cartier Class C and terminal Class C airspace.

OTTAWA M.-C.I. WEST VFR ARR/DEP PROCEDURES CHARTS



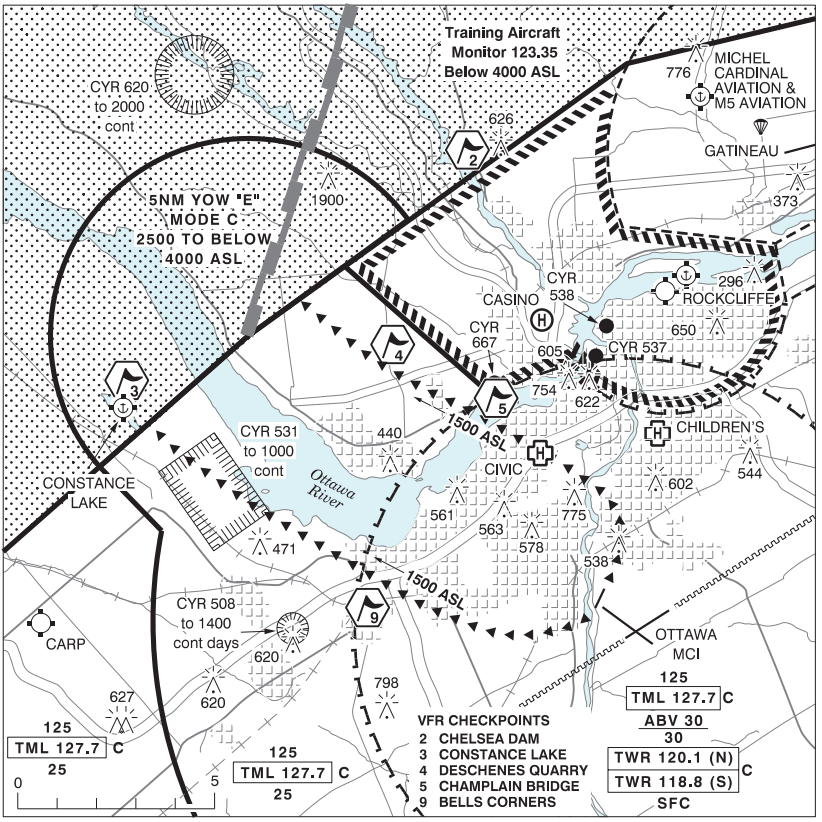
OTTAWA M.-C.I. WEST ARRIVALS

ATIS	TML	TWR		GND
		North	South	
English 121.15 French 132.95	127.7	120.1	118.8	121.9

PROCEDURES:

- Rwy 22, proceed via E side of Ottawa River to Deschenes Quarry & then direct Champlain Bridge at 2000 ASL. Anticipate circuit instruction.
- Rwy 04, proceed via W side of Ottawa River to Constance Lake, then direct Bells Corners at 2000 ASL.
- All other VFR acft should anticipate arr instructions from ATC.

OTTAWA M.-C.I. WEST VFR ARR/DEP PROCEDURES CHARTS (Cont'd)



OTTAWA M.-C.I. WEST DEPARTURES

ATIS	CLNC DEL	GND	TWR		TML
			North	South	
English 121.15 French 132.95	119.4	121.9	120.1	118.8	127.7

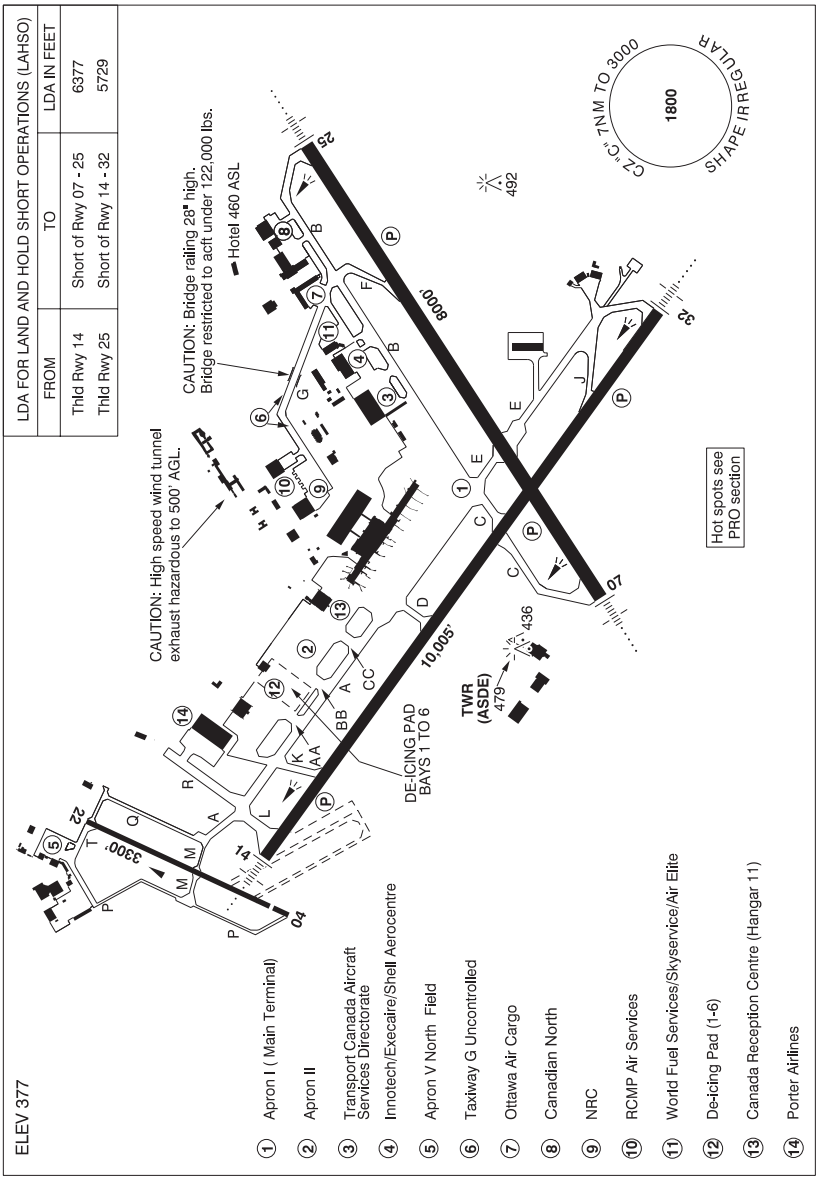
Unless otherwise instructed by ATC, Contact North Tower on 120.1 when ready

- Bells Corners Departure (Depart Rwy 22), climb rwy hdg to Rideau River remaining north of Rwy 25 centerline at all times. At Rideau River, turn rgt hdg 250, climb to 1300 ASL. At 1300 ASL, continue climb not abv 1500 ASL direct Bells Corners and then to Constance Lake.
  * Contact Ottawa Terminal on 127.7 at Bells Corners.

- Champlain Bridge Departure (Depart Rwy 04), left turn direct Champlain Bridge then to Deschenes Quarry climb not abv 1500 ASL.
  * Contact Ottawa Terminal on 127.7 at the Bridge
- All other VFR acft should anticipate dep Instructions from ATC.

OTTAWA / MACDONALD-CARTIER INTL ON

CYOW



REF	N45 19 21 W75 40 02 Adj S 14°W UTC-5(4) Elev 377´ A1905 A5000 A5002 LO6 LO7 HI5 T2 CAP OC
OPR	Ottawa Macdonald-Cartier Intl Aprt Authority 613-248-2200 H24 Cert

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd) CYOW

PF	A-1,2,3,6,7 C-4,5
CUST	AOE 888-226-7277 Pilots to call appropriate fixed base opr (FBO) prior to ldg on pvt adv freq & request cust be advised of intended location for clnc. Cust clnc at Apron II 12-05Z‡ 1 hr PN.
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR
WX	METAR H24 TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18 & 21Z.
DUAT	Ottawa Flying Club; World Fuel Services/Skyservice/Air Elite; Innotech/Execaire/Shell Aerocentre
SERVICES	
FUEL	100LL, JA-1
OIL	All
S	1(ltd), 2,3,4(ltd)
ARFF	DESIGNATED CAT 8
SUP FL	LHOX PN, D & A-ice
PVT ADV	Ottawa Flying Club (North Field) 123.35 12-02Z‡; Innotech/Execaire/Shell Aerocentre (South Field) 123.0 11-03Z‡; World Fuel Services/Skyservice/Air Elite 129.85 10-05Z‡, O/T 613-739-3776
MIL CON	Innotech Aviation Services (Shell) 613-736-5959
RWY DATA	Rwy 14(140°)/32(320°) 10,005x197 grooved ASPH Rwy 07(071°)/25(251°) 8000x197 grooved ASPH Rwy 04(039°)/22(219°) 3300x75 ASPH Thld 04 displ 250'. Rwy 04 down 0.36%. Rstd to acft not exceeding 60,000 lbs. Sked pax svc not auth. RESA: 07/25 984'; 14/32 1000' Abv 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turns on any rwy without perms 613-248-2013
RWY CERT	Rwy 14 RVR 1200(1/4sm)/Rwy 32 RVR 1200(1/4sm) AGN V Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN V Rwy 04/22 AGN II
TWY CERT	Twy A: AGN V fr Apron I to Twy L & AGN II fr Twy L to Twy M Twy G AGN IIIB Twy: M, P, Q, T AGN II
TWY	Twy G: Uncontrolled. Bridge max weight 122,000 lbs. Twy M, P, Q and T rstd to acft not exceeding 60,000 lbs Twy R: Uncontrolled.
APRON	**De-icing Bays** Bay 1, 3, 4, 6 - May be used by acft with wingspans 36m (118') or less Bay 2 - May be used by acft with the wingspans 65m (213') or less. If CC/K used, the Taxi must be on the West taxi line only with crossover to/from Bay 2. Bay 5 - May be used by acft with the wingspan 80m (262') or less. If CC/K used, taxi must be on the west taxi line only with crossover to/from Bay 5.
RCR	Opr CRFI. PLR/PCN
LIGHTING	07-AN(TE HI) P3, 25-AN(TE HI) P3, 14-AN(TE HI) P3, 32-AN(TE HI) P3
COMM	(bil)
RCO	Québec rdo 123.15 (FISE) 126.7 (bcst)
ATIS	(English) 121.15 (French) 132.95
CLNC DEL	Ottawa 119.4 **all dep acft to ctc clnc del**
GND	Ottawa 121.9
TWR	Ottawa 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 (V) (emerg only 613-248-3814)
TML	Ottawa 127.7
ARR	Ottawa ARR 135.15
DEP	Ottawa DEP 128.175

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd) CYOW

NAV

DME YOW 114.6 Ch 93 N45 26 30 W75 53 49 (482´)
DME IOW 109.5 Ch 32 N45 18 50 W75 40 01 (398´)
ILS IOW 109.5 (Rwy 07) RVR LOC reliable only within 10° either side of centreline;
IRP 110.3 (Rwy 32) RVR LOC reliable only within 10° either side of centreline.

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

ATC:

IFR CLNC ACKNOWLEDGEMENT: IFR clnc read back with Ottawa twr clnc del shall include acft call sign, assigned SID name and transponder code.

CIRCUITS: Rgt hand circuits Rwys 07, 14 & 22 (CAR 602.96).

FOD: The grade of sand which is used extensively on the aprt dur win may pose a FOD hazard to some acft. Formations and other line astern flt ops should adopt pro to avoid ingestion.

NOISE ABATEMENT PROCEDURES: Turbojet and turbofan acft; refer to CAP; propeller acft: dep Rwy 32 to 1500 ASL before proceeding on crs. Circuit hgt 1500 ASL Rwys 04-14 to maintain 1500 ASL, wx permitting, until established on final apch. Tng flt permitted 0815-2359 lcl time, no VFR tng circuits on Rwy 14/32 below 1500 ASL, no practice rwy pro to Rwy 14.

For practice IFR apchs to active IFR rwys dur peak hrs 1315-1400Z‡ & 1930-2400Z‡ Mon-Fri, ctc Montreal Flight Planning 514-633-3211 or 800-633-1353, for possible delays & rwy info.

Turbo-jet take-off and landing not permitted Rwy 04/22.

WEST VFR ARR/DEP ROUTES:

DEPARTURES: SEE OTTAWA M.-C.I. WEST VFR DEPARTURE PROCEDURES CHART

Unless otherwise instructed by ATC contact North Tower on 120.1 when ready,

– Bells Corners Departure (Depart Rwy 22), climb rwy hdg to Rideau River remaining north of Rwy 25 centerline at all times, at Rideau River, turn rgt hdg 250, climb to 1300 ASL. At 1300 ASL, continue climb not abv 1500 ASL direct Bells Corners and then to Constance Lake.

- Contact Ottawa Terminal on 127.7 at Bells Corners

– Champlain Bridge Departure (Depart Rwy 04), left turn direct Champlain Bridge then to Deschenes Quarry climb not abv 1500 ASL.

- Contact Ottawa Terminal on 127.7 at the bridge

All other VFR acft should anticipate dep instructions from ATC.

ARRIVALS: SEE OTTAWA M.-C.I. WEST VFR ARRIVALS PROCEDURES CHART

– Rwy 22, proceed via E side of Ottawa River to Deschenes Quarry & then direct Champlain Bridge at 2000 ASL.

– Rwy 04, proceed via W side of Ottawa River to Constance Lake, then direct Bells Corners at 2000 ASL.

All other VFR acft should anticipate arr instructions from ATC.

DE-ICING OPERATIONS

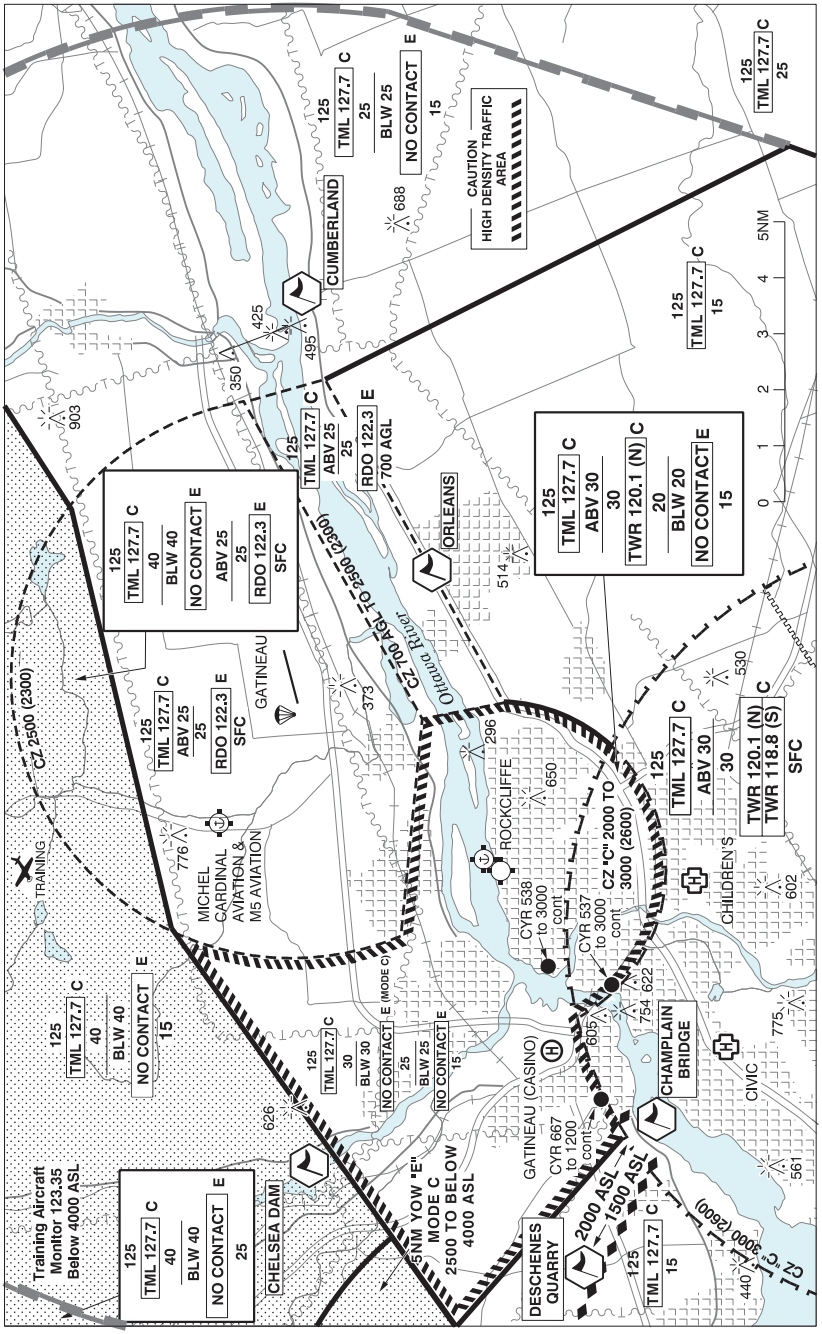
1.Ctc PAD CONTROL on 122.925 30 min prior to dep if de-icing is rqrd. Notify of any special treatments prior to taxi to CDF.
2. Ctc Ottawa GND after pushback for taxi to CDF.
3. Hold short of the CDF on K, AA, BB or CC and ctc PAD CONTROL for further taxi.
4. Follow instructions and electronic sign boards to de-icing bays.
5. Stop on the 2nd (illuminated) yellow stop bar, immediately set brakes and advise PAD CONTROL. DO NOT MOVE ACFT. This will allow positioning of trucks while you configure your aircraft.
6. Once instructed switch to ICEMAN on 122.350, confirm brakes are set, confirm treatment and that acft is configured for treatment (engines at idle/props feathered/pacs off). If you can't reduce engines to idle ICEMAN must know, de-icing may not be possible with running engines.
7. After de-icing, configure acft for taxi, however, DO NOT MOVE ACFT.
8. Once instructed, ctc PAD CONTROL for taxi.
9. Follow instructions to designated exit point. Holding short of Twy A, ctc GND 121.9

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd) CYOW

	VFR FLIGHTS IN OTTAWA MACDONALD-CARTIER CLASS C CZ AND TCA TERMINAL. In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a procedure is available allowing VFR aircraft to obtain a transponder code prior to take off. This mandatory procedure applies to VFR aircraft that did not file a flight plan or flight itinerary with Nav Canada and wishing to penetrate or operate in the Ottawa/MacDonald-Cartier Class C and terminal Class C airspace. All acft not respecting mandatory transponder code procedure will not be accepted in Ottawa/MacDonald-Cartier Class C CZ and TCA C airspace. To obtain a transponder code: A discrete transponder code shall be obtained at least 30 minutes prior to the flight taking off toward Ottawa/MacDonald-Cartier Class C CZ and TCA airspace, by contacting the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, and providing ATC with flight information. Aircraft departing CYUL, CYJN, CYHU, CYOW, CYMX or CYND will obtain their transponder code from the Control Tower or FSS. Flight procedure: 1.Set your transponder to the assigned code prior to your first communication with ATC. 2.To the extent possible, ctc ATC at least 5NM prior to entering Ottawa/MacDonald-Cartier Class C and terminal Class C airspace. **OTTAWA CZ AIRSPACE SPLIT FOR VFR FLIGHTS** YOW CZ is divided into two sectors with separate frequencies. Contact OTTAWA TWR on 120.1 when North of Rwy 07/25 extended centreline and OTTAWA TWR on 118.8 when South of Rwy 07/25 extended centreline or on final for Rwy 07/25. Holding short of Rwy 04/22, contact OTTAWA TWR on 120.1 when ready for take-off.
CAUTION	Migratory birds in vic of aprt Mar-Apr, Sep-Oct.

OTTAWA TERMINAL (emerg only 514-633-3365)

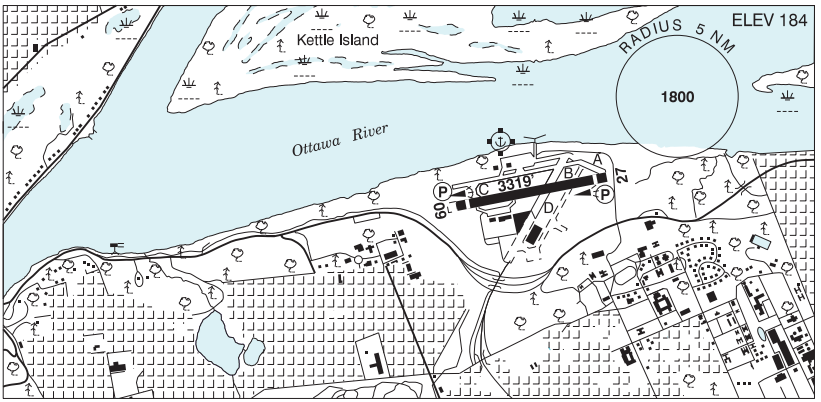
OTTAWA / ROCKCLIFFE VFR TERMINAL PROCEDURES



OTTAWA / ROCKCLIFFE VFR TERMINAL PROCEDURES (Cont'd)

NAME	IDENT	LAT/LONG
CHAMPLAIN BRIDGE	VCCHB	N45° 24' 30" W075° 45' 30"
CHELSEA DAM	VCHEL	N45° 30' 48" W075° 46' 32"
CUMBERLAND	VCMBL	N45° 31' 00" W075° 24' 36"
DESCHENES QUARRY	VCQRY	N45° 25' 48" W075° 49' 12"
ORLEANS	VCORL	N45° 28' 34" W075° 31' 27"

OTTAWA / ROCKCLIFFE ON CYRO



REF	N45 27 38 W75 38 36 Adj NE 13°W (2016) UTC-5(4) Elev 184´ A1905 A5000 A5002 LO6 LO7 T2
OPR	Rockcliffe Flying Club 613-746-4425 Fax 613-746-3354 11-23Z‡ Cert Ldg fees for commercial acft exc flt schools
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR
SERVICES	
FUEL	100LL 11-23Z‡ 1 HR PN
OIL	15W50
S	2 (13-21Z‡ Mon-Fri),4,5,6
RWY DATA	Rwy 09(092°)/27(272°) 3319x100 ASPH Thld 09 displ 200'. Thld 27 displ 214'.
RWY CERT	Rwy 09/27 AGN II
TWY	Twy D: unlgtd
RCR	Opr Ltd win maint. Rstd to acft 18,000 lbs and under. PPR for acft over 18,000 lbs.
LIGHTING	09-(TE ME) P1 5.7°, 27-(TE ME) P1 5.7° ARCAL 123.5 type K (see CAUTION)
COMM	
RCO	Québec rdo (Gatineau) 123.375 (FISE)
ATF	UNICOM ltd hrs O/T tfc 123.5 5NM 3200 ASL excluding Gatineau CZ, Ottawa/Macdonald-Cartier Intl CZ and the airspace that lies within Ottawa TCA class C airspace.

OTTAWA / ROCKCLIFFE ON (Cont'd) CYRO

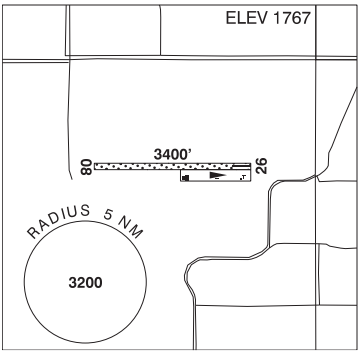
PRO	**CIRCUITS:** Rgt hand circuits Rwy 27 (CAR 602.96). As soon as practicable after tkof fr Rwy 09 or 27 turn 20° to the North. **MUSEUM:** Aircraft wishing to park at the Canada Aviation and Space Museum are requested to contact the Rockcliffe Flying Club, by tel or UNICOM for instructions prior arr. **AIRSPACE:** VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA / MACDONALD-CARTIER INTL FOR PROCEDURES. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.
CAUTION	Sections of North apron breaking up & covered with loose gravel. Extv bird activity. Feb-May and Sep-Nov. Rstd areas CYR537 and CYR538 cont located 1.5NM W. Adjust flt path/altitude to avoid entry. See VTPC. PAPI apch slope ensures clearance over trees. **ARCAL:** Acft arr fr the E or S may not be able to activate ARCAL until aprx 1NM from the aprt. Acft on the ground positioned at the E end of the aprt may not be able to activate ARCAL until positioned closer to the W end of the aprt.

OTTAWA (WINCHESTER DISTRICT MEMORIAL HOSP) ON (Heli) CWH4

REF	N45 05 17 W75 21 16 Adj 14°W (2012) UTC-5(4) Elev 258' A1905 A5000 A5002
OPR	Winchester District Mem Hosp 613-774-2422 Ext 6209 Cert PPR
PF	A-1,2,3,4,5 C-6
FLT PLN **FIC**	(bil) Québec 866-WXBRIEF or 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' x 86' ASPH Safety Area 114' x 114' Max heli overall length 57.7' Opr
LIGHTING	RY(LO)
PRO	Arr/dep btwn 247°-253° fr heli, slope 6% (H3), day/night use.

OUTLOOK (SOUTH) SK CCL9

REF	N51 26 19 W107 00 04 3.6SE 10°E (2021) UTC-6 Elev 1767´ A5006
OPR	Cloud 9 Airspray Ltd 306-867-7725 Reg
PF	B-3 C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL, JA 20W50, 25W60, Hydraulic, Turbo 1,2,3,4,5,6

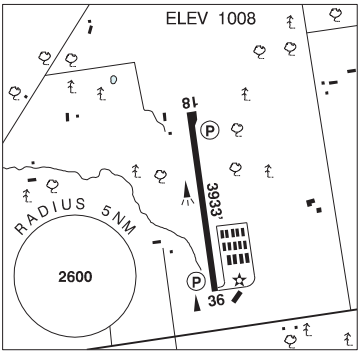


OUTLOOK (SOUTH) SK (Cont'd) CCL9

RWY DATA RCR	Rwy 08/26 3400x75 GRASS/GRVL, centre 2600x20 GRVL, Thld 26 400x20 ASPH Opr Ltd win maint PN
COMM ATF	tfc 123.2 5NM 4800 ASL

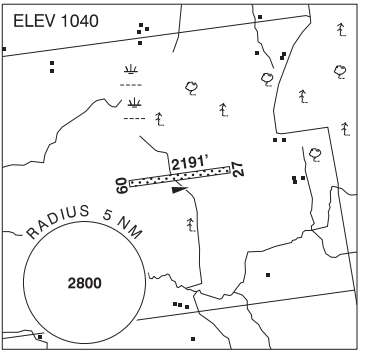
OWEN SOUND / BILLY BISHOP REGIONAL ON CYOS

REF	N44 35 26 W80 50 18 3E 10°W UTC-5(4) Elev 1008´ A5000 LO4 LO6 CAP
OPR	Owen Sound Regional Airport Inc. 519-371-6936 Reg Ldg fees
PF	A-1,2,7 C-3,4,5,6
CUST	AOE/15 888-226-7277 13-21Z‡ Mon-Fri exc hols
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	12-21Z‡ Oct 1-Apr 30, 13-22Z‡ May 1-Sep 30 O/T call out chg 2 hrs PN 100LL, JA-1, SP Aeroshell 15W50, W80, W100 2,4,5
RWY DATA RCR	Rwy 18(181°)/36(001°) 3933x75 ASPH Rwy 18, first 1849´ 1.0% down, last 2083´ 0.9% up AGN I Opr
LIGHTING	18-(TE LO) AP, 36-(TE LO) AP ARCAL-123.0 type J
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 123.0 5NM 4000 ASL
PRO	Rgt hand circuits Rwy 36 (CAR 602.96).
CAUTION	331´ twr 1.2NM W of rwy. Wildlife frequently on rwy.



OWEN SOUND (COOK FIELD) ON CCK5

REF	N44 38 05 W80 44 45 10E 10°W (2011) UTC-5(4) Elev 1040´ A5000
OPR	Jim Cook 519-379-4964 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09(092°)/27(272°) 2191x80 GRASS Ltd hrs. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.0 3NM 4100 ASL

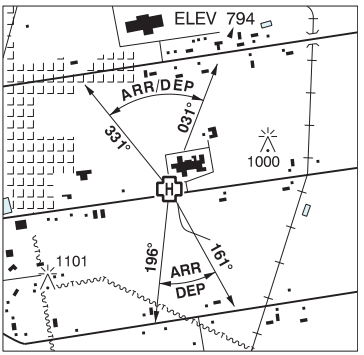


OWEN SOUND (COOK FIELD) ON (Cont'd) CCK5

PRO	Recommend W dep, rising terrain to the E.
CAUTION	Drainage ditch on either side of centre of rwy.

OWEN SOUND (GREY BRUCE HEALTH SERVICES) ON (Heli) CNK6

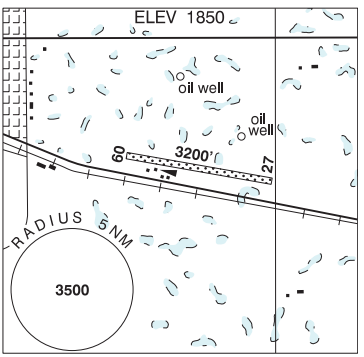
REF	N44 34 05 W80 54 48 0.5E 10°W UTC-5(4) Elev 794´ A5000
OPR	Grey Bruce Health Services 519-376-2121 Ext 2151 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ asphalt 114´ x 114´ Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL)
COMM **A/G**	Ambulance dispatch 129.275



PRO	Arr/dep btwn 161°-196° and 331°-031° fr heli, slope 8% (H3), day/night use

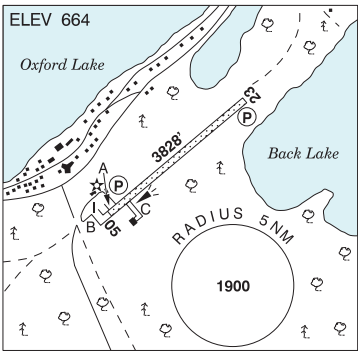
OXBOW SK CJW2

REF	N49 13 26 W102 08 46 1E 7°E (2014) UTC-6 Elev 1850´ A5006 LO2 LO4
OPR	Oxbow Airport Authority 306-483-2747 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09(091°)/27(271°) 3200x60 GRASS/CLAY Opr Ltd win maint. Rwy ruf.
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.2 type J
COMM **ATF**	tfc 123.2 5NM 4900 ASL



OXFORD HOUSE MB — CYOH

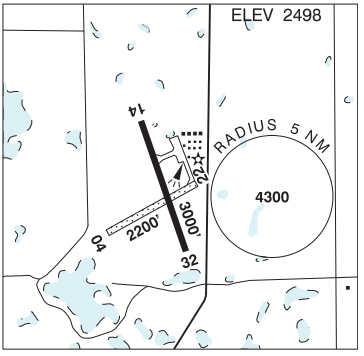
REF	N54 55 59 W95 16 44 0.5W 1°E (2015) UTC-6(5) Elev 664´ A5016 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-538-2381 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) AUTO 204-538-2565 (see COMM) ALTIMETER ltd hrs (see COMM) WxCam



RWY DATA	Rwy 05(049°)/23(229°) 3828x82 crushed rock Rwy 23 down 0.46%
RWY CERT	Rwy 05/23 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-538-2475 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-538-2381 Rwy soft dur spring.
LIGHTING	05-(TE ME) P1, 23-(TE ME) P1 ARCAL-122.8 type K
COMM **ATF** **AUTO**	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL 122.125
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

OYEN MUNI AB — CED3

REF	N51 20 03 W110 29 29 1S 13°E (2015) UTC-7(6) Elev 2498´ A5005 A5006 LO2
OPR	Town 403-664-3511 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES **S**	 4,5,6
RWY DATA	Rwy 14(148°)/32(328°) 3000x75 asphalt Rwy 04(048°)/22(228°) 2200x75 sand
RCR	Opr Ltd maint
LIGHTING	14-(TE LO), 32-(TE LO)



OYEN MUNI AB (Cont'd) CED3

COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5500 ASL
CAUTION	Wind turbine farm to 3261 ASL (591 AGL) aprx 2.3NM to 9.7NM, SSE to WNW of A/D.

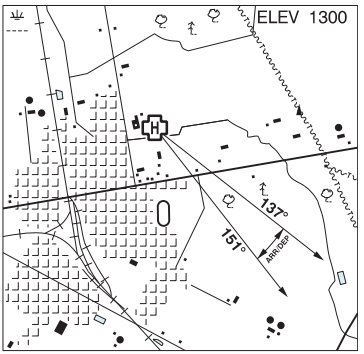
PACIFIC RADIO – RCO (KAMLOOPS FIC)

For a list of Pacific RCOs and map, see Planning Section under FISE RCOs.

PAINTEARTH (FETAZ) AB — See HALKIRK / PAINTEARTH (FETAZ)

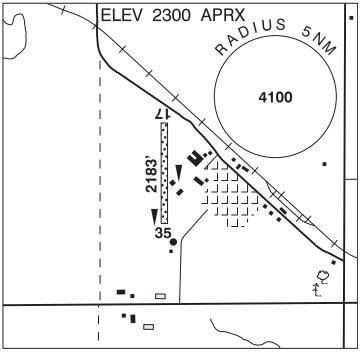
PALMERSTON (DISTRICT HOSP) ON (Heli) CPA3

REF	N43 50 18 W80 50 31 Adj NE 9°W UTC-5(4) Elev 1300´ VTA A5000
OPR	Palmerston & District Hosp 519-343-2030 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ asphalt 114´ x 114´ Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep btwn 137°-151° fr heli, slope 8% (H3), day/night use.

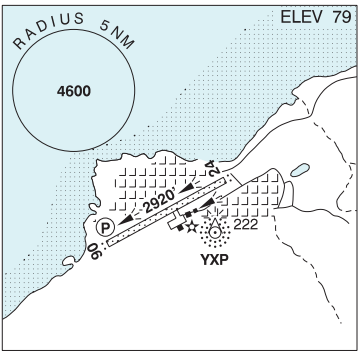


PANGMAN SK CKC9

REF	N49 38 49 W104 39 55 Adj W 9°E (2016) UTC-6 Elev 2300' aprx A5006
OPR	R.M. of Norton #69 306-442-2131 Reg
PF	C-1,2,4
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(171°)/35(351°) 2183x100 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 17 (CAR 602.96).



PANGNIRTUNG NU — CYXP

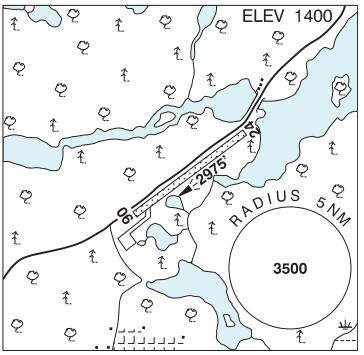


REF	N66 08 42 W65 42 49 29°W (2021) UTC-5(4) Elev 79´ A5039 LO5 HI1 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 CARS ops hrs O/T PN C-2,4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
CARS	867-473-8907 ltd hrs (see COMM)
WX	METAR dur CARS hrs O/T LWIS (see COMM) TAF 14-23Z‡, Mon-Fri, issue times: 1340Z‡, 18Z‡; 17-20Z‡ Sat, issue time: 1640Z‡; 18-20Z‡ Sun, issue time: 1740Z‡ WxCam
SERVICES	
FUEL	JA-1 13-23Z‡ Mon-Fri, 14-22Z‡ Sat exc hols O/T PN 867-473-4603 or 867-222-8364 or Fax 867-473-8845, call out chg. Credit by prior arng only ctc 867-645-8400, allow 7 working days. Credit card accepted.
RWY DATA	Rwy 06(062°T)/24(242°T) 2920x98 gravel First 600´ Rwy 06 up 1.45%, first 800´ Rwy 24 up 1.14%.
RWY CERT	Rwy 06/24 AGN IIIA
RCR	Maint contractor 867-473-8982/8953. A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied.
LIGHTING	06-AS(TE ME) AP, 24-AS(TE ME) ARCAL-122.1 type K (see CAUTION)
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 12-23Z‡ Mon-Fri, 15-20Z‡ Sat, 17-21Z‡ Sun
LWIS	125.1
NAV	
NDB	YXP 218 (M) N66 08 38 W65 42 22 Unmonitored when CARS clsd
CAUTION	Only pilots with considerable experience in area should plan on using this aprt due to sur terrain & variable lcl cond. Severe turbulence may be encountered. Sur terrain may constitute a hazard to ngt flying. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). 50' twrs either side of Thld 24. Extv migratory bird activity May-Oct.

PAQUET QC — See ST-RAYMOND / PAQUET

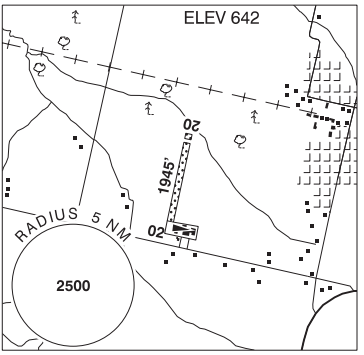
PARENT QC — CYPP

REF	N47 55 55 W74 36 29 16°W UTC-5(4) Elev 1400´ A5002 A5009 LO6 LO7
OPR	Air Aviation Inc. 819-523-8932 1230-2130Z‡ O/T 819-676-6522 Reg
PF	C-1,2,3,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 06/24 2975x75 GRVL Opr Ltd win maint Soft rwy shoulders
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-123.2 type J
COMM ATF	(bil) tfc 123.2 5NM 4400 ASL
PRO	Rgt hand circuits Rwy 24 (CAR 602.96).



PARKHILL (YELLOW GOLD) ON — CYG2

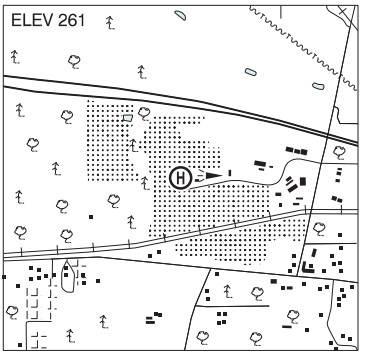
REF	N43 09 36 W81 42 11 Adj W 9°W (2018) UTC-5(4) Elev 642' A5000
OPR	Rick Willemse 519-294-6684 Reg PPR
PF	C-1,2,3,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02(021°)/20(201°) 1945x60 GRASS Thld 20 displ 117' Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 5NM 3700 ASL
PRO	Right hand circuits Rwy 20 (CAR 602.96)
CAUTION	P-lines and trees 50 AGL S of rwy. Lgtd twr 978 ASL (295 AGL) 1.2NM SE of A/D. Wind turbines to 1243 ASL aprx 2NM S of A/D.



PARKLAND AB — See EDMONTON / PARKLAND

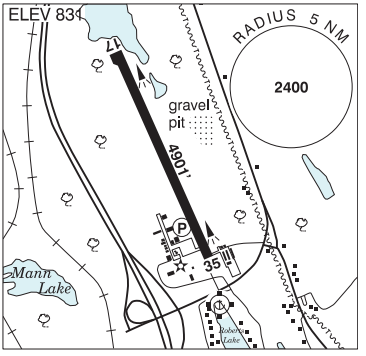
PARKSVILLE (ASCENT HELICOPTERS) BC (Heli) CAH5

REF	N49 18 42 W124 22 13 2.2WSW 16°E (2024) UTC-8(7) Elev 261' A5004
OPR	Ascent Helicopters Ltd 250-586-5454 Reg PPR
PF	A-1,7,8 C-2,3,4,5 D-6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL	JA 16-24Z‡
HELI DATA RCR	FATO/TLOF 91' dia GRVL Safety Area 121' dia Opr
LIGHTING	RF(FH)
COMM ATF TML	tfc 122.8 5NM 3200 ASL centred on Qualicum Beach A/D 1.8NM NW (CAR 602.98) Comox 123.7 227.6
PRO	Arr/dep from/to the W.
CAUTION	P-line training poles 200' S, 30' AGL. Parachuting aprx 5NM ESE A/D fr 12,500 ASL.



PARRY SOUND AREA MUNI ON CNK4

REF	N45 15 31 W79 49 51 12SE 11°W (2013) UTC-5(4) Elev 831´ A5000 LO4 LO6 CAP
OPR	Airport Commission 705-378-2897 Reg 14-21Z‡ Nov 01-Mar 31; 14-22Z‡ Apr 01-May 16; 13-23Z‡ May 17-Sep 02; 14-22Z‡ Sep 03-Oct 31
PF	A-1,2,6,7,8 C-5 D-3,4
CUST	AOE/CAN
FLT PLN FIC WX	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) WxCam
SERVICES FUEL OIL S	Call out chg may be levied for one or more svcs 100LL, JA-1, SP 15W50, 100 Mineral, W100 Plus 1,2,3,4,5,6
RWY DATA RCR	Rwy 17(167°)/35(347°) 4901x100 ASPH Rwy 35 down 0.35% AGN IIIA Opr
LIGHTING	17-(TE ME), 35-(TE ME) P1 3.5° ARCAL-122.8 type K (also abn)
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL

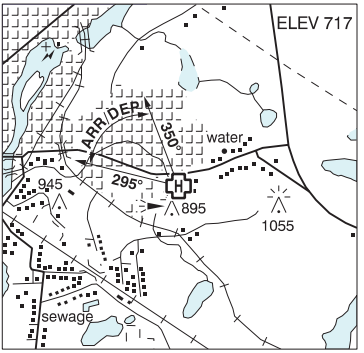


PARRY SOUND AREA MUNI ON (Cont'd) CNK4

PRO HELI	Apch/dep shall be to/from the rwy with air taxiing via the twy to/from the apron.
CAUTION	Wildlife in vic of rwy. Vehicles frequently use access road to Roberts Lake off Thld 35. Floatplane tfc in vic of Roberts Lake. Flt tng in vic of A/D. 39ft steel dock E shore of Roberts Lake at narrows.

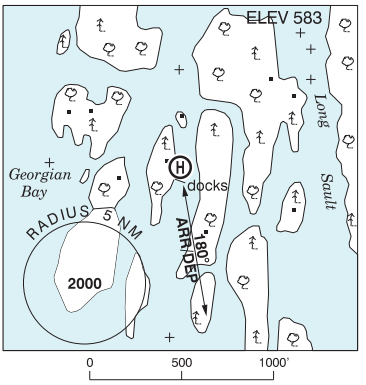
PARRY SOUND MEDICAL ON (Heli) CRS2

REF	N45 20 30 W80 01 00 11°W UTC-5(4) Elev 717' A5000
OPR	Parry Sound District EMS 705-746-6330 Cert PPR
PF	C-1,2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.25' Opr
LIGHTING	RY(LO) RF(FL) ARCAL 123.05 key mic 3 times to activate. Ctc 705-774-0923, 705-746-6330 to activate upon failure.
PRO	Arr/dep btwn 295°-350° fr heli, slope 8% (H3), day/night use. Ctc 705-774-0923 to provide estimated arr/dep times for shut down of air handling system; direct jet exhaust away fr hosp at all times.
CAUTION	Chimney 895 ASL 180' SW heli, painted & lgtd.



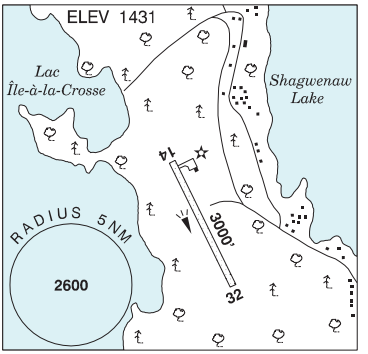
PARRY SOUND / REVILO ISLAND ON (water aerodrome) CRV7

REF	N45 14 39 W80 12 09 9.4WSW 10°W (2021) UTC-5(4) Elev 583' A5000
OPR	Morris Kansun 416-903-6043 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 24' x 24' WOOD Floating helideck Max Heli overall lenght 38'
A/D DATA RCR	Open water Apr-Nov. Rocky bottom. 2 docks. Opr
COMM ATF	tfc 122.8 5NM 3600 ASL
PRO	Arr/dep 180° fr heli



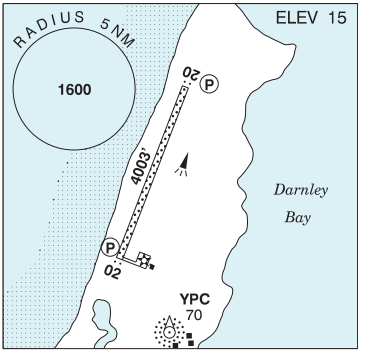
PARTI FIELD ON — See DUNROBIN / PARTI FIELD

PATUANAK SK — CKB2



REF	N55 53 57 W107 43 10 Adj S 12°E (2013) UTC-6 Elev 1431´ A5015 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
RWY DATA	Rwy 14(143°)/32(323°) 3000x75 gravel Rwy 32 up 0.4%
RCR	District office 306-236-7650 or Opr Ltd win maint Rwy strength & cond subject to seasonal and/or climatic variations.
LIGHTING	14-(TE ME), 32-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4500 ASL

PAULATUK (NORA ALIQATCHIALUK RUBEN) NT — CYPC



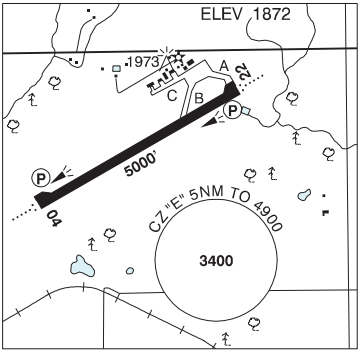
REF	N69 21 38 W124 04 33 21°E (2018) UTC-7(6) Elev 15´ A5041 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt 877-989-1400 1630-1745Z‡ Tue, 2200-2315Z‡ Wed & Fri, exc hols, O/T 1 hr PN ctc 867-580-3037/3310 or 867-788-0119/0143/1066. Call out chg may be levied. Cert
PF	C-1,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-580-3111 Ltd hrs
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 16-24Z‡ Mon-Sat, issue times: 16,19Z (DT 15, 19Z). TAF 16-19Z‡ Sun, issue times: 16Z‡.
SERVICES	Call out chg may be levied for svcs
FUEL	JA ctc aprt rdo dur CARS hrs (see COMM). O/T 2 hr PN ATBA VAN CAN 867-788-0908/0255.
RWY DATA	Rwy 02(021°T)/20(201°T) 4003x99 gravel
RWY CERT	Rwy 02/20 AGN IIIA
TWY CERT	Twy A AGN II
RCR	Opr Win maint 15-24Z‡ Mon-Fri exc hols, O/T 1 hr PN ctc 867-580-3037/3310 or 867-788-0119/0143/1066. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	02-AS(TE ME) AP, 20-AS(TE ME) AP ARCAL-122.1 type K key mic 7 times for AS

PAULATUK (NORA ALIQATCHIALUK RUBEN) NT (Cont'd) CYPC

COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon-Sat, 14-19Z‡ Sun.
NAV	
NDB	YPC 276 (M) N69 21 03 W124 04 32 Unmonitored when CARS clsd.
CAUTION	Subsidence, turbulence, and adverse cross-wind cond may be encountered.

PEACE RIVER AB CYPE

REF	N56 13 38 W117 26 54 5W 17°E (2013) UTC-7(6) Elev 1872' A5014 A5022 A5023 LO1 HI2 HI3 CAP
OPR	Peace River Regional Airport Authority 780-618-6531 Reg Ldg fees
PF	A-1,3,6 D-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.



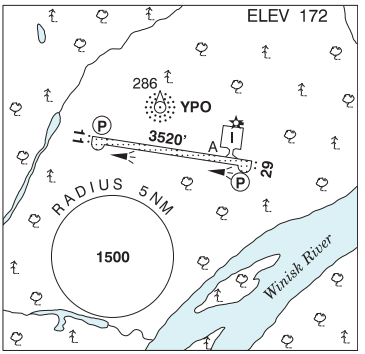
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA, HPR
OIL	14W50, 2380
S	1,2,3,4,5,6
SUP FL	D-ice, HPOX (Northern Air 780-624-1911)
PVT ADV	Northern Air Charter 129.25
RWY DATA	Rwy 04(042°)/22(222°) 5000x150 ASPH
TWY	Twy C uncontrolled
RCR	Opr Win maint 13-21Z‡ Mon-Fri exc hols, O/T 1 hr PN call out charge may apply 780-625-8664, PLR/PCN
LIGHTING	04-AO(TE ME) P2, 22-AO (non-std 2600') (TE ME) P2
COMM	
RADIO	122.0 PTC avbl (V) (emerg only 780-624-5142)
RCO	Edmonton rdo 123.275 (FISE) 126.7 (bcst)
MF	rdo 122.0 5NM 4900 ASL (CAR 602.98)
PAL	Edmonton Ctr 135.275
NAV	
VOR/DME	YPE 117.2 Ch 119 N56 12 25 W117 30 42 (1919´)
CAUTION	Extensive bird activity vic rwys. Helicopter operations in vicinity.

PEACE RIVER FSS - RCO

Dawson Creek 122.2 (RAAS) 1330-0530Z (N55 44 W120 11)
Fort McMurray 118.1 (RAAS) 0545-1315Z‡ (N56 39 W111 14)

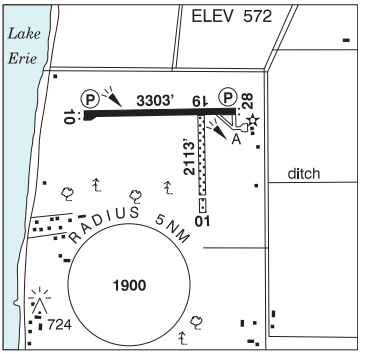
PEAWANUCK ON — CYPO

REF	N54 59 17 W85 26 36 Adj SW 10°W UTC-5(4) Elev 172´ A5017 LO3 HI2 HI4 CAP
OPR	Govt of Ontario - MTO 705-473-2537 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1
FLT PLN	Pilots to open/close VFR flt pln with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam
RWY DATA	Rwy 11(108°)/29(288°) 3520x100 GRVL
RWY CERT	Rwy 11/29 AGN IIIA
RCR	Aprt Foreperson 807-632-7617 or Opr 13-22Z‡ Mon-Fri exc hols Rwy cond subject to seasonal & climatic variations.
LIGHTING	11-AS(TE ME) AP, 29-AS(TE ME) AP ARCAL-122.8 type K
COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst)
ATF	tfc 122.8 5NM 3200 ASL
PAL	Winnipeg Ctr 133.95
AWOS	128.525
NAV	
NDB	YPO 401 (M) N54 59 29 W85 26 33 Unmonitored



PELEE ISLAND ON — CYPT

REF	N41 46 39 W82 40 41 Adj S 8°W (2013) UTC-5(4) Elev 572´ A5000 LO6 T2 CAP
OPR	Township of Pelee 519-322-8524, 519-792-9468 Reg
PF	A-1 C-2,3,4,5
CUST	AOE/15 13-01Z‡ Mon-Thu & Sat, 13-04Z‡ Fri & Sun May 1-Sep 15; 14-22Z‡ dly Sep 16-Apr 30 888-226-7277 PN
FLT PLN	IFR dep to Windsor (CYQG) or Detroit TCA-see PRO
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 10(097°)/28(277°) 3303x75 asphalt AGN II Rwy 01(007°)/19(187°) 2113x15 gravel Thld 01 displ 300´. Avbl day VFR only. PPR Opr 519-724-2931/2671.
RCR	Opr 14-22Z‡ Ltd win maint Rwy 10/28. No win maint Rwy 01/19.
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-123.2 type K, to turn RILS off 3 keys.

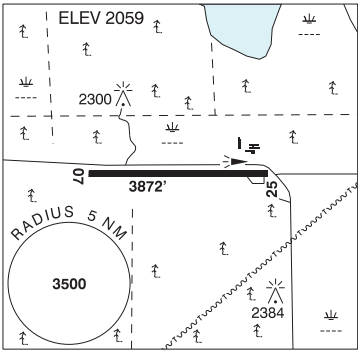


PELEE ISLAND ON (Cont'd) CYPT

COMM	
ATF	tfc 123.2 5NM 3600 ASL
ARR	Cleveland Apch 126.35 360.0
DEP	Cleveland Apch 126.35 360.0
PRO	IFR dep for Windsor (CYQG), Detroit city or Detroit airspace call Cleveland Approach Control 216-898-2040 for dep clnc. Pilots are requested to avoid flight below 2000 ASL when flying over the Jack Miner Bird Sanctuary (Kingsville, On N42 04 00 W82 45 00) & over Point Pelee National Park.

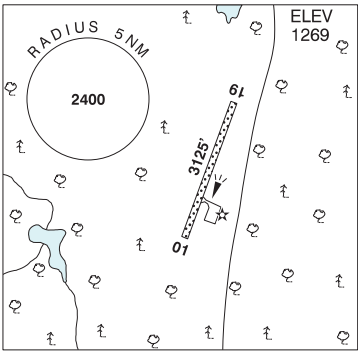
PELICAN AB CFT8

REF	N56 09 39 W113 28 25 Adj 16°E (2013) UTC-7(6) Elev 2059´ A5015 A5023 LO1 RCAP
OPR	Canadian Natural Resources Limited 780-714-4632 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	ALTIMETER/WIND 780-891-4100 ldt hrs (see COMM)
RWY DATA	Rwy 07(074°)/25(254°) 3872x75 asphalt Rwy 07 up 0.98%
RCR	780-891-4100/4361 Ltd win maint
LIGHTING	07-(TE LO), 25-(TE LO)
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 5100 ASL



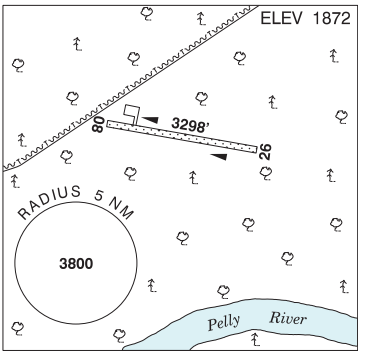
PELICAN NARROWS SK CJW4

REF	N55 17 15 W102 44 58 10NNE 8°E (2013) UTC-6 Elev 1269' A5016 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	6
RWY DATA	Rwy 01(012°)/19(192°) 3125x75 treated GRVL Rwy 19 down 1.22%
RCR	District Office 306-953-3550 or Opr Ltd win maint
LIGHTING	01-(TE ME), 19-(TE ME) ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4300 ASL



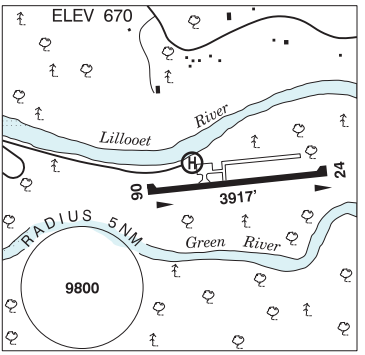
PELLY CROSSING YT — CFQ6

REF	N62 50 15 W136 31 40 2NE 21°E (2016) UTC-7 Elev 1872´ A5028 LO5 RCAP
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	C-1,2,4,5
FLT PLN FIC ACC	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES S	 Fuel stor by permit only ctc opr 4
RWY DATA RCR	Rwy 08(078°)/26(258°) 3298x75 GRVL Rwy, twys, apron soft dur spring thaw Opr No maint
COMM ATF	 tfc 123.2 5NM 4900 ASL
CAUTION	WI may not indicate actual winds vic A/D. Wind shear may be encountered.

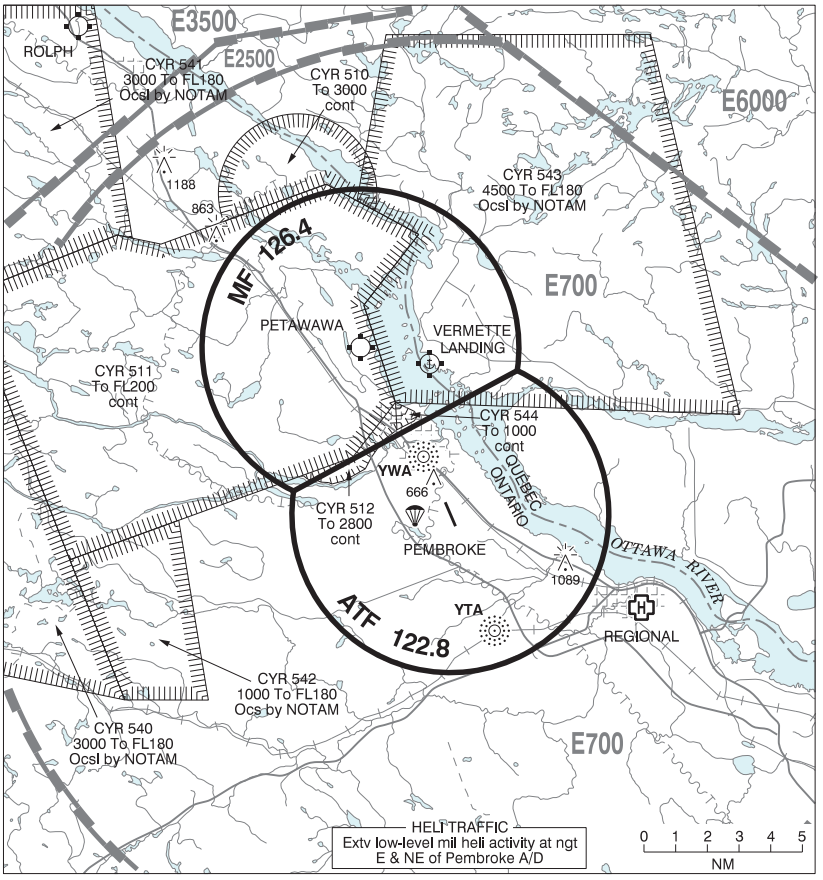


PEMBERTON BC — CYPS

REF	N50 18 09 W122 44 16 5SE 17°E (2015) UTC-8(7) Elev 670´ A5004 LO2
OPR	Village 604-894-6135 1630-0030Z‡ Mon-Fri Reg Ldg fees
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC WX	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) WxCam
SERVICES FUEL	 JA, 100LL Cardlock Blackcomb Helicopters 604-894-5153
RWY DATA RCR	Rwy 06(067°)/24(247°) 3917x100 ASPH Opr Ltd win maint.
HELI DATA	4 prkg pads: 2 at 25´ dia concrete & 2 at 50´ dia asphalt
COMM RCO ATF A/G	 Pacific rdo 122.375 (FISE) 126.7 (bcst) tfc 123.2 2NM 3000 ASL Blackcomb Helicopters 122.775
PRO	Rgt hand circuits Rwy 24 (CAR 602.96). All arpt arr/dep are fr E side of the main apron.
CAUTION	Mountainous terrain all quads. Soaring in summer. Hang gliding north of airport. Paradrop activity NW end of A/D. Unlgtd wooden poles 80 AGL, aprx 395' NE of rwy mid point.



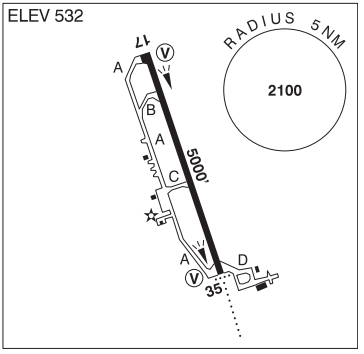
PEMBROKE / PETAWAWA VFR TERMINAL PROCEDURES CHART



PEMBROKE ON

CYTA

REF	N45 51 52 W77 15 05 5.2NW 13°W UTC-5(4) Elev 532´ A5000 A5001 LO6 LO7 HI5 CAP
OPR	Pembroke & Area Aprt Comsn 613-687-5300/4910 maint or 855-539-3019 11-21Z‡ Mon-Fri, 13-21Z‡ Sat, Sun & hol. APM after hrs Cert Ldg fees apply to commercial acft.
PF	A-1,2 ltd hrs, 6,7
CUST	AOE/M Mil flt only
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)

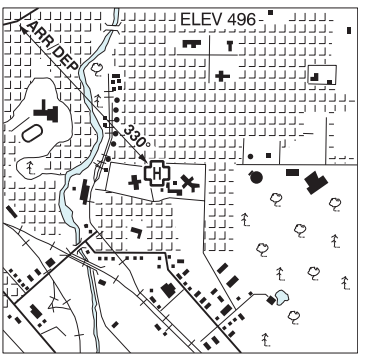


PEMBROKE ON (Cont'd) CYTA

SERVICES	Call-out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 11-21Z‡ Mon-Fri, 13-21Z‡ Sat, Sun & hol
OIL	80, 100, 100W, 15W50
S	1,2,3,4,5,6,7
SUP FL	D-ice
JASU	CE14
RWY DATA	Rwy 17(172°)/35(352°) 5000x100 asphalt
RWY CERT	Rwy 17/35 AGN IIIB
TWY	Twy B seasonal use, May 1-Oct 31, no win maint.
RCR	Opr 11-21Z‡ Mon-Fri, 13-21Z‡ Sat, Sun & hol. CRFI/RSC avbl ltd hrs. PLR/PCN
LIGHTING	17-(TE ME)V1, 35-AD AS(TE ME) V1 ARCAL-122.8 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3500 ASL
PAL	Montréal Ctr 135.2
A/G	Petawawa Advsy 126.4 or 250.1 13-2130Z‡ Mon-Fri, O/T PPR, DND 613-588-5789
NAV	
NDB	YTA 409 (L) N45 48 12 W77 13 06
PRO	
MIL	Crash response for mil a/c provided by GRN Petawawa, 30 min deployment time rqrd. Mil call CSN 677-5555, com 613-588-5555. Airborne diversions thru Petawawa advsy Mon-Fri 13-2130Z‡ on 126.4 250.1 or thru Québec FIC 126.7 123.15. Emerg crew monitors 122.8R when in posn at CYTA.
CAUTION	Parachuting over aprt 12,500 ASL & below, ocsl daylight by NOTAM. HELI TRAFFIC: Extv low-level mil Heli activity W, E & NE of A/D.

PEMBROKE (REGIONAL HOSP) ON (Heli) CNG5

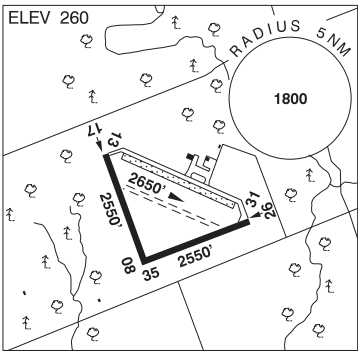
REF	N45 48 55 W77 06 28 Adj 13°W UTC-5(4) Elev 496´ A5000 A5001
OPR	Pembroke Regional Hosp 613-732-2811 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ asphalt 114´ x 114´ Max heli overall length 57.5´
RCR	Opr
LIGHTING	DR RY(LO) RF(FL) ARCAL-122.9 type J
PRO	Arr/dep 330° fr heli, slope 8% (H3) day/night use.



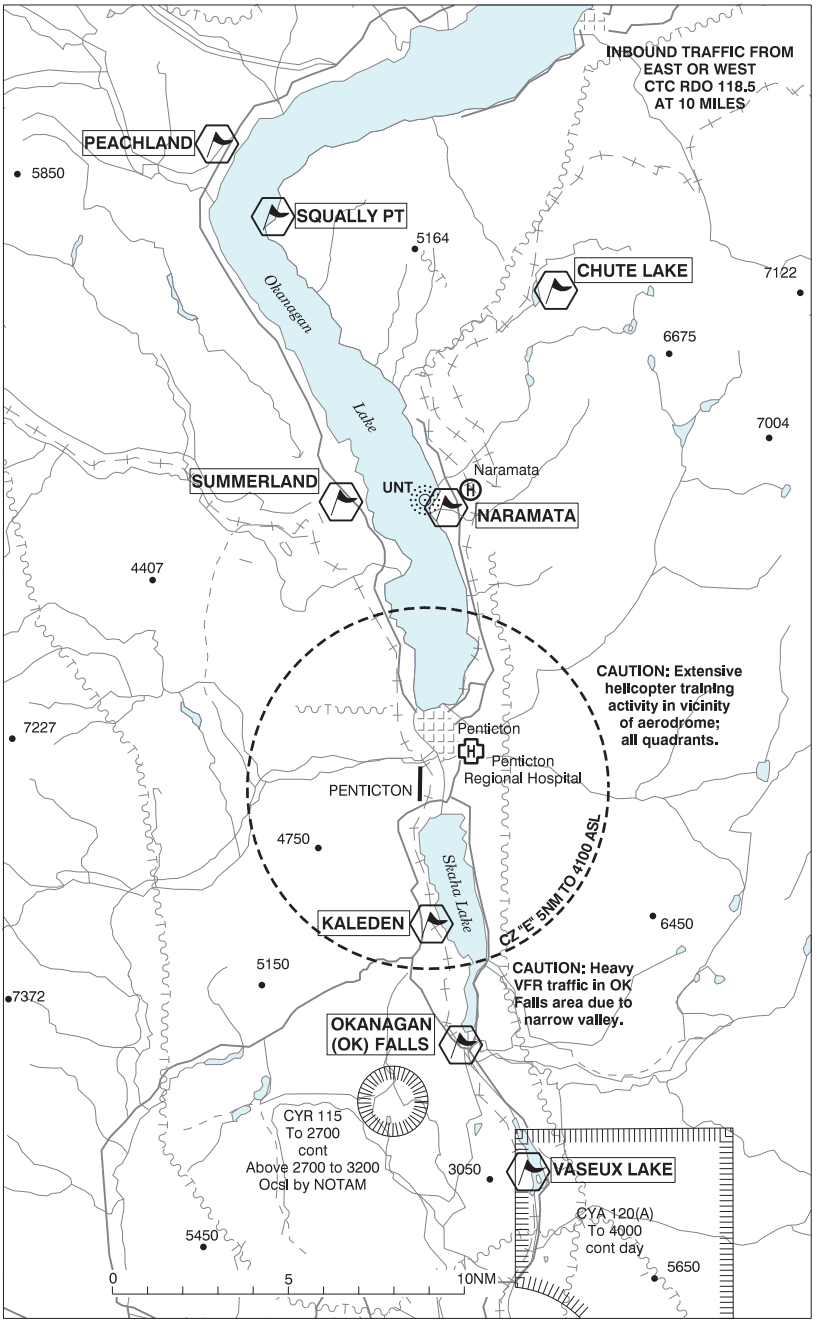
PENDLETON ON

CNF3

REF	N45 29 10 W75 05 46 3NW 14°W (2015) UTC-5(4) Elev 260´ A1905 A5002 A5000
OPR	Gatineau Gliding Club 613-673-5386 Reg Aprt attended wknds, hols and ocsl wkd
PF	B-1 C-2,4,5 D-3,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 13/31 2650x100 GRASS Rwy 08/26 2550x100 old ASPH, 30' ctr x 2500' new ASPH/GRVL Rwy 17/35 2550x100 old ASPH Opr No win maint. All old asphalt sfcs exc 30' strip Rwy 08/26 rough. Use grass rwys beside each old asphalt sfc (same length/width).
COMM **ATF**	tfc 123.3 5NM 3300 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
PRO	Extensive glider activity. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.



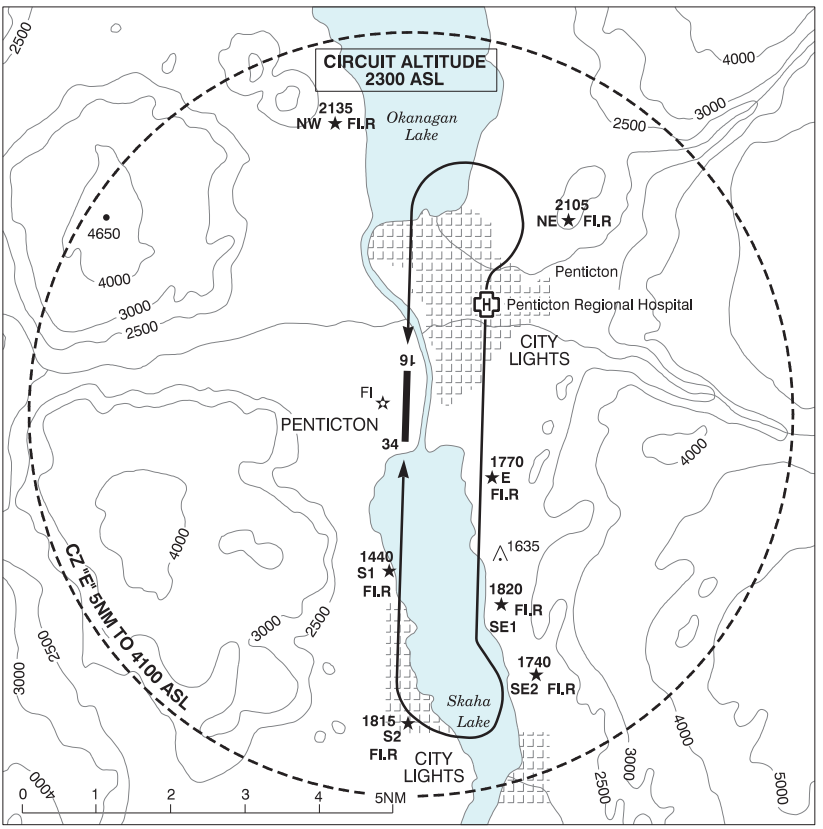
PENTICTON VFR TERMINAL PROCEDURES CHART



PENTICTON VFR TERMINAL PROCEDURES CHART (Cont'd)

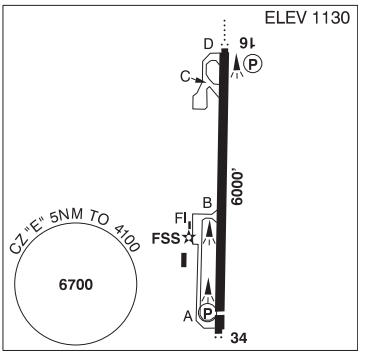
NAME	IDENT	LAT/LONG
KALEDEN	VCKLE	N49° 24' 00" W119° 36' 00"
NARAMATA	VCNAR	N49° 35' 50" W119° 36' 11"
OKANAGAN (OK) FALLS	VCOKN	N49° 20' 33" W119° 34' 08"
PEACHLAND	VCPCH	N49° 46' 00" W119° 43' 59"
SQUALLY PT	VCSQL	N49° 44' 00" W119° 43' 01"
SUMMERLAND	VCSML	N49° 36' 00" W119° 40' 01"
VASEUX LAKE	VCVAS	N49° 17' 00" W119° 31' 59"
CHUTE LAKE	VCCHL	N49° 41' 38" W119° 31' 52"

PENTICTON VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



PENTICTON BC — CYYF

REF	N49 27 45 W119 36 08 1.8SW 16°E (2015) UTC-8(7) Elev 1130´ A5004 A5005 LO2 HI3 CAP RCAP
OPR	TC APM 250-809-4596 Admin 250-770-4422 1600-0030Z‡ Mon-Fri exc hols H24 Cert
PF	A-2,3,6,7,8 B-5 C-4
CUST	AOE/30 (120 with staged off-loading) CANPASS 1-888-226-7277 1630-0030Z‡ Mon-Fri
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.



SERVICES	
FUEL	100LL, JA-1 14-05Z‡ Mon-Fri 15-04Z‡ Sat-Sun
OIL	80, 100, 120, 15W50
S	1,2
JASU	CE15 West Jet Encore or Air Canada Express
MILCON	Executive Flight Centre Fuel 250-493-5323
RWY DATA	Rwy 16(165°)/34(345°) 6000x148 ASPH Thld 34 displ 300´.
RWY CERT	Rwy 16/34 AGN IIIB
APRON	GA prkg on apron N of tml only. Park on N and NE edges. Non-wheeled heli prkg avbl on grass N of main apron. Itinerant pilot and pax access via Gate 88. Lgt acft prkg avbl off Twy A, S end. Wildfire Heli Ops: Staging and extended prkg on grass N of tml and maint fac, and S of Air Tanker Base along W fence. PPR required for all prkg - request via yyf.vortexcms.com/ppr. Prkg fees.
RCR	Opr Ltd win maint 15-01Z‡ Mon-Fri, 17Z‡ & 23Z‡ Sat-Sun & hols Nov 1-Mar 31, O/T 2 hr PN call out chg may be levied. CRFI, PLR/PCN
LIGHTING	16-AO(TE ME) P2, 34-AS(TE ME) P2 PAPI limitation/restriction. PAPI Rwy 34 to be used only within 2NM of thld. ARCAL-118.5 type K avbl when FSS clsd.
COMM	
RADIO	118.5 PTC avbl (V) (emerg only 250-492-3001)
GND ADV	121.9 (emerg only 250-492-3001)
MF	rdo 118.5 5NM 4100 ASL (CAR 602.98)
NAV	
DME	IYF 110.3 Ch 40 N49 27 09 W119 36 14 (1134´) reliable only within 10° of centreline
LOC	IYF 110.3 (Rwy 16) reliable only within 10° of centreline

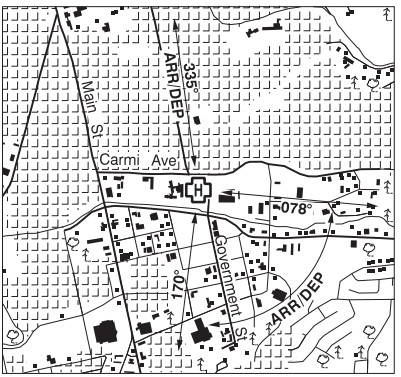
PENTICTON BC (Cont'd) CYYF

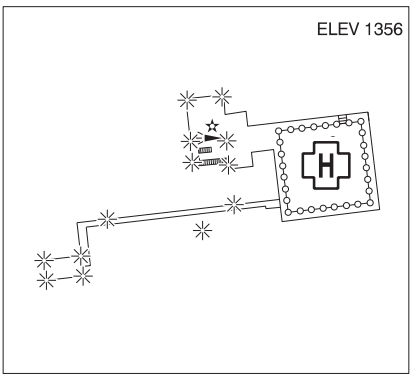
PRO	Inbd tfc see VTPC; for night circuit pro see Night Circuit VTPC. Circuit hgt 2300 ASL. Rgt hand circuits Rwy 34 (CAR 602.96). Heli tng all quadrants, circuits E & W of A/D at 2300 ASL. **GROUND ADVISORY:** The Minister has authorized specific operating restrictions regarding communications intended for the MF, as well as the introduction of a Ground Advisory frequency (GND ADV) pursuant to CARs 602.97(2), 602.98(1) and 602.99. **Departure procedure:** Prior to taxi for departure; contact GND ADV on 121.9 for clearance and initial advisory information. After receiving initial advisory information, GND ADV will initiate communication transfer to RADIO on 118.5 prior to entering the runway/departure surface. Pilots are required to ascertain that there is no likelihood of collision with another aircraft or a vehicle prior to departure as stated in CAR 602.96 2a) and b). **Arrival procedure:** After exiting the runway/arrival surface and reporting clear on the radio frequency, pilots will be directed to contact GND ADV on 121.9 for ground traffic and taxiing information before entering the taxiway.
CAUTION	Only pilots familiar with local terrain should use this aprt dur hrs of darkness. Ngt ops not recommended unless all 7 hazard beacons oprg. Extv heli activity at A/D dur daylight hrs all quads. Due to high terrain, it is recommended pilots proceeding E or W under VFR, attain an alt of 5,000' (ASL) min before leaving the Okanagan Valley. Hi terrain reduces operational length of Rwy 34 PAPI. Extv bird activity in vic.

PENTICTON FSS – RCO

Kelowna 119.6 (RAAS) 0630-1330Z‡ (N49 56 W119 22)

PENTICTON REGIONAL HOSPITAL BC (Heli) CPH6

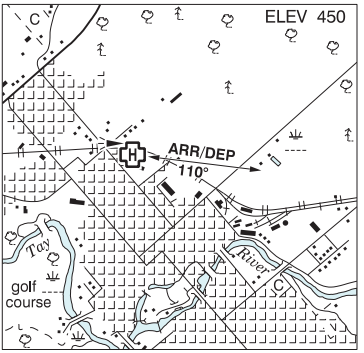




REF	N49 28 54 W119 34 34 Adj 17°E (2018) UTC-8(7) Elev 1356´ A5004 A5005
OPR	Interior Health Authority 250-462-3785 Cert PPR
PF	B-1
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86’ x 86’ non-supporting TLOF 60’ x 60’ CONC Safety Area 115’ x 115’ 17,000 lbs Max heli overall length 57.4' (CAR 602.96). Elevated/rooftop heli. Opr
LIGHTING	RY(ME) green LED ARCAL-123.2 type K
COMM **MF**	Penticton rdo 118.5 5NM 4100 ASL (CAR 602.98)
PRO	Arr/dep 335° fr heli (H1), day/night use (CAR 602.96) Arr/dep 078° to 170° fr heli (H1), day/night use (CAR 602.96)

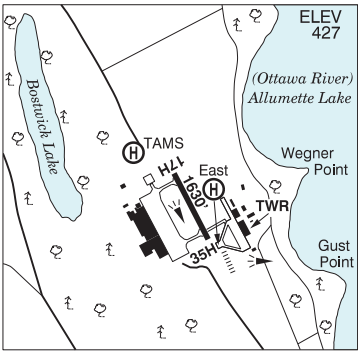
PERTH (GREAT WAR MEM HOSP) ON (Heli) CNC9

REF	N44 54 25 W76 15 13 Adj NE 13°W UTC-5(4) Elev 450´ A1905 A5000
OPR	Great War Mem Hosp 613-267-1500 Cert PPR
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5' Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 110° fr heli, slope 8% (H3) day/night use.



PETAWAWA ON (Heli) CYWA

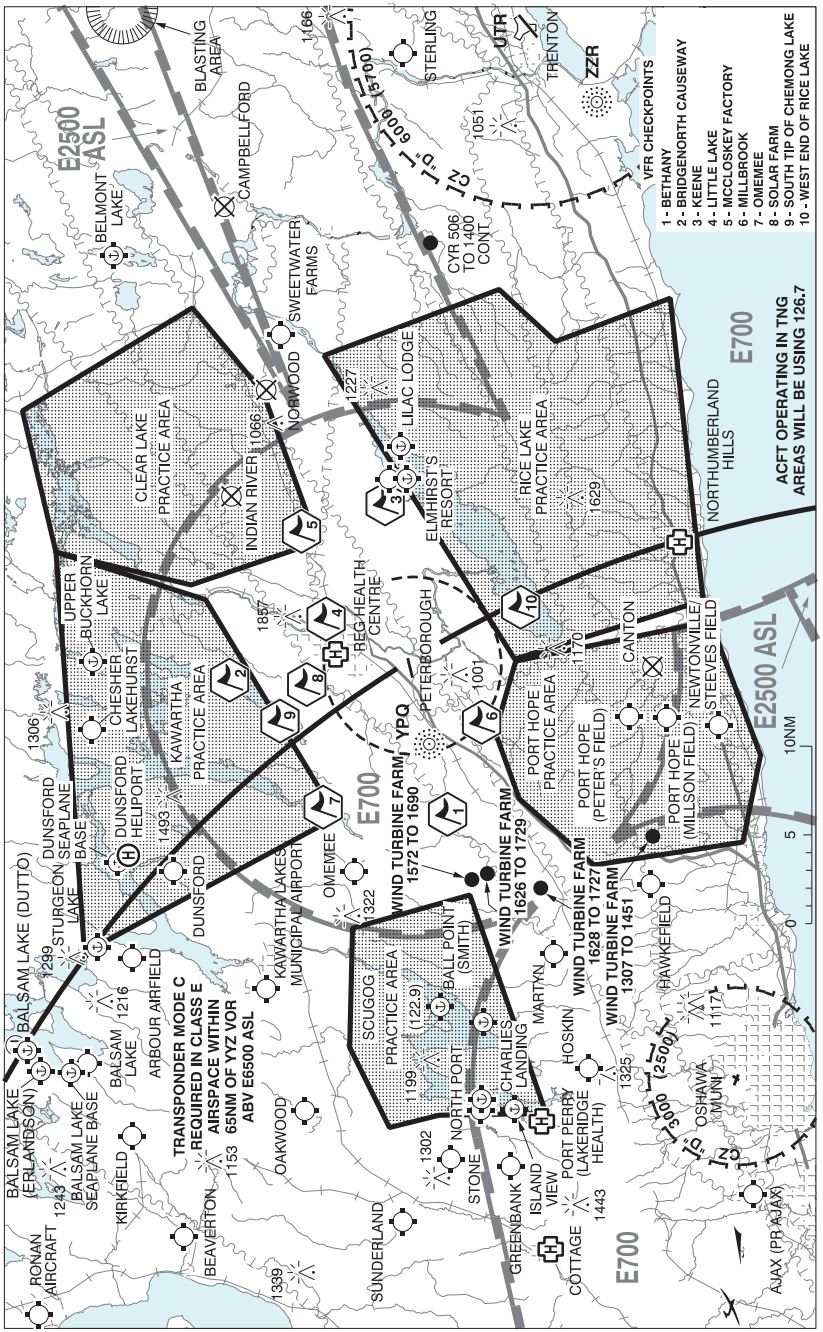
REF	N45 57 01 W77 19 09 3.5NW 12°W (2023) UTC-5(4) Elev 427´ A5000 A5001 LO6 LO7
OPR	DND 613-687-5511 ext 7880 427 sqn ext 8000 450 sqn CSN 319-677-7880/8000 Mil PPR 48 hrs DND.PET.427.ATC-CCA.MND@Forces.gc.ca
PF	B-1 C-2,3,5
CUST	Inbd mil flt via Pembroke Mon to Fri 1330-2130Z‡ 613-991-0508 O/T 613-998-3590
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
MIL	613-687-5511 ext 7702
WX	Met brief for mil only. Lcl Met Section CSN 677-7987 for 427 sqn 677-8015 for 450 sqn ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613 (See COMM). METAR during mil flt ops, TAF during mil flt ops.
SERVICES FUEL OIL ARFF MIL ADV	 F-34 156 CAT 4 "LION OPS" (427 SOAS) 297.4 613-687-5511 ext 7880 CSN 319-677-7880 "BATTLE OPS" (450 Sqn) 230.4 613-687-5511 ext 8000 CSN 319-677-8000
HELI DATA RCR	FATO 17H(165°)/35H(345°) 1630' x 75'. Reinforced concrete FATO East 150' x 150' CONC FATO TAMS 160' x 160' CONC Opr
LIGHTING	35H HALS. FATO East apch lgts (7 bars of 3 lgts).



PETAWAWA ON (Heli) (Cont'd) CYWA

COMM	
GND	121.9
MF	Petawawa advsy 126.4 250.1 advsy opr 1130-0700Z‡ Mon-Fri, exc hols O/T tfc 126.4. Opr dates and hrs may vary without notice. Ctc Sqn Ops 613-687-5511 Ext 7880 (427 sqn) Ext 8000 (450 sqn) O/T PPR 48hrs min thru Petawawa BOps 613-687-5511 Ext 6403 5NM 3400 ASL (CAR 602.98)
MIL	126.4 250.1 49.9 FM Call Sign Rng Ctl
PMSV	297.4 ltd hrs
NAV	
NDB	YWA 516 (M) N45 53 41 W77 16 18 Unmonitored when ADV clsd.
PRO	SEE PEMBROKE/PETAWAWA VTPC Rt hand circuits FATO 35H (CAR 602.96). A/D located within CYR 511, ctc Petawawa Flt Adsy to ensure range safe. Overflight of ammunition compound 3.5NM WNW of heli proh below 2100' ASL. Active Range info thru Range Control 49.90 FM or 126.4. When Flt Advsy clsd ctc 613-687-5511 ext 5203.
CAUTION	Parajump area 6NM S, 5NM radius of N45 52 W77 18 (over Pembroke A/D) 12,500 ASL, ocsl daylight by NOTAM. HELI TRAFFIC: Extv low-level mil heli activity at night to the NE, S and W of the Pembroke and Petawawa airports.

PETERBOROUGH VFR TERMINAL PROCEDURES CHART



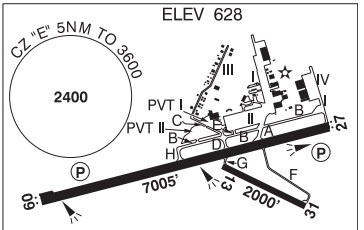
PETERBOROUGH VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BETHANY	VCBNY	N44° 10' 57" W078° 34' 03"
BRIDGENORTH CAUSEWAY	VCBGN	N44° 23' 14" W078° 23' 33"
KEENE	VCKNE	N44° 14' 28" W078° 09' 44"
LITTLE LAKE	VCLTL	N44° 17' 48" W078° 18' 45"
MCCLOSKEY FACTORY	VCLSK	N44° 19' 11" W078° 11' 52"
MILLBROOK	VCMLB	N44° 09' 02" W078° 26' 51"
OMEMEE	VCMEE	N44° 17' 57" W078° 33' 31"
SOLAR FARM	VCSOL	N44° 18' 54" W078° 23' 54"
SOUTH TIP OF CHEMONG LAKE	VCHMG	N44° 20' 24" W078° 26' 46"
WEST END OF RICE LAKE	VCRCE	N44° 06' 50" W078° 17' 51"

PETERBOROUGH ON

CYPQ

REF	N44 13 50 W78 21 47 3SSW 12°W UTC-5(4) Elev 628´ A5000 LO6 HI5 CAP
OPR	City of Peterborough 705-743-6708 12-23Z‡ Oct 01-Mar 31, 12-01Z‡ Apr 01-Sep 30 Cert
PF	A-1,7 After hrs airside tml access code 2977*. After hrs groundside tml access code 2977#. B-8 C-2,3,4,5,6
CUST	AOE/15 1330-2130Z‡ Mon-Fri exc hols 888-226-7277 PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM). TAF 11-03Z‡, issue times: 11,14, 20Z (DT 10, 14, 20Z) WxCam



TORA FOR INTERSECTION DEPARTURES		
RWY	INTXN	TORA in ft
09	H	3500
27	H	3500

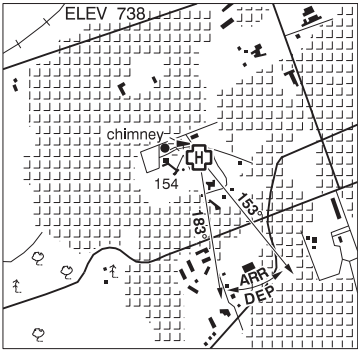
SERVICES	12-01Z‡ Apr-Sep, 12-23Z‡ Oct-Mar. Stay late or callout on request. After hrs callout chg may apply. Call 705-745-8626.
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,5,6
SUP FL	D & A-ice
JASU	CE13, CA2
MILCON	Stewart Aviation (World Fuel Services) 705-745-8626

PETERBOROUGH ON (Cont'd) CYPQ

RWY DATA	Rwy 09(088°)/27(268°) 7005x100 ASPH Rwy 13(128°)/31(308°) 2000x49 ASPH Day use only
RWY CERT	Rwy 09/27 AGN IIIB Rwy 13/31 AGN I
TWY CERT	Twy: C, F, G AGN I
TWY	Twy B holding bay rstd to acft wingspans less than 79'. Twy C rstd to 11,800 lbs or less. Twy F & G day use only.
APRON	Pvt Apron II (Adj B & C) rstd to 3000 lbs or less
RCR	Opr Win maint 12-23Z‡ O/T 3 hrs PN CRFI/RSC avbl ltd hrs PLR/PCN
LIGHTING	09-AS(TE ME) P2, 27-AS(TE ME) P2 ARCAL-123.0 type K
COMM	
MF	UNICOM ltd hrs O/T tfc 123.0 5NM 3600 ASL
PAL	Toronto Ctr 134.25
AWOS	126.925 (YPQ)
NAV	
NDB	YPQ 379 (L) N44 12 45 W78 27 47
PRO	PPR for cont circuits on Rwy 13/31. Extv flt tng within 25NM of A/D, all quadrants to 6000' ASL. (See VTPC).
NOISE	Noise Operating Criteria (CAR 602.105): Rwy 09/27 VFR tkof/climb, no turns below 1000 AAE. Avoid overflight of noise sensitive areas while joining/departing circuit ctc opr for details.
CAUTION	Wildlife frequently on rwys. Lgtd twr 775 ASL (122 AGL) aprx 0.75NM WNW of Thld 09. Trees 42 AGL 807´ before Thld 31. Extv bird activity at landfill 3NM ESE of Thld 27.

PETERBOROUGH (REG HEALTH CENTRE) ON (Heli) CNU3

REF	N44 18 02 W78 20 45 Adj W 12°W UTC-5(4) Elev 738´ A5000
OPR	Peterborough Regional Health Centre 705-743-2121 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 90' dia CONC Safety Area 120' dia Max heli overall length 60´
RCR	Opr
LIGHTING	RY(LO) Green RF(FL) ARCAL 123.0 key mic 7 times to activate

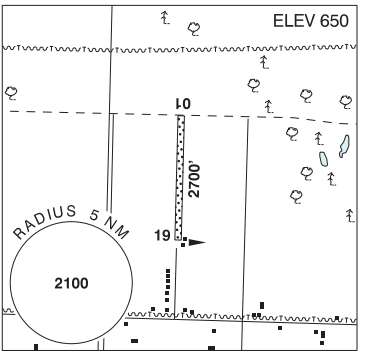


PRO	Arr/dep 153° to 183° fr heli, slope 8% (H3) day/night use. .
CAUTION	Lgtd and painted twr 891 ASL (154 AGL) aprx 350' W of A/D

PETROLIA / BUTLER AIRFIELD ON

CBA7

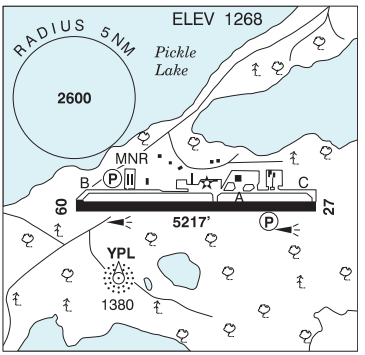
REF	N42 54 59 W82 12 23 3.4SE 8°W (2022) UTC-5(4) Elev 650' A5000
OPR	Edward & Tyler Butler 519-882-3125 Reg PPR
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 01/19 2700x50 GRASS Opr Apr 15-Nov 15 No win maint.
COMM **ATF**	 tfc 123.0 5NM 3700 ASL



PICKLE LAKE ON

CYPL

REF	N51 26 47 W90 12 49 0.7SW 4°W (2020) UTC-5 Elev 1268' A5008 LO4 HI4 CAP
OPR	Govt of Ontario - MTO 807-928-2342 13-22Z Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z WxCam

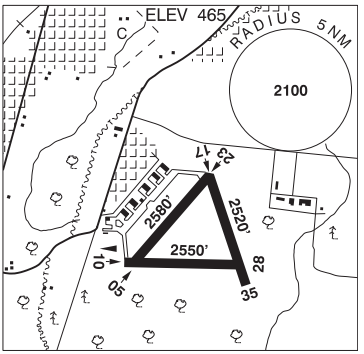


SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP, HPR
OIL	All
S	1,2,4,5,6
SUP FL	D-Ice
PVT ADV	Northern Frontier Avn 129.65 800-285-8618 11-23Z O/T call out chg. Wasaya Air 129.45
RWY DATA	Rwy 09(094°)/27(274°) 5217x100 ASPH Rwy 09 down 0.80%
RWY CERT	Rwy 09/27 AGN IIIA
APRON	Apron II pvt PN 807-937-7218
RCR	Aprt Foreperson 807-456-3521 13-22Z Mon-Fri exc hols.
LIGHTING	09-(TE ME) P1, 27-(TE ME) P1 ARCAL-122.2 type K
COMM	
RCO	Thunder Bay rdo 122.2 (RAAS) 11-02Z London rdo 123.475 (FISE) 126.7 (bcst)
MF	Thunder Bay rdo 11-02Z O/T tfc 122.2 5NM 4300 ASL (CAR 602.98)
AWOS	127.675
NAV	
NDB	YPL 382 (M) N51 26 31 W90 13 20
DME	YLZ 113.7 Ch 84 N51 26 37 W90 13 22 (1261')
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z.

PICTON ON

CNT7

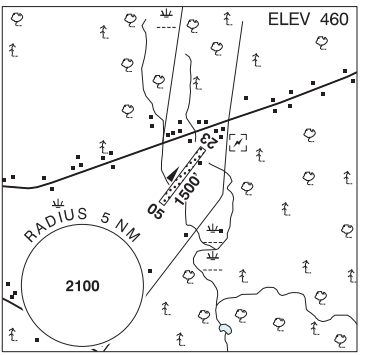
REF	N43 59 21 W77 08 21 Adj SE 12°W UTC-5(4) Elev 465´ A5000
OPR	Loch Sloy Holdings Ltd. 613-476-3064 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05/23 2580x150 ASPH Rwy 10/28 2550x150 ASPH Rwy 17/35 2520x150 ASPH Opr No win maint
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Extv glider activity 4NM radius to 3500 ASL mid Jun-Aug 31, dly.



PICTON (GREENBUSH) ON

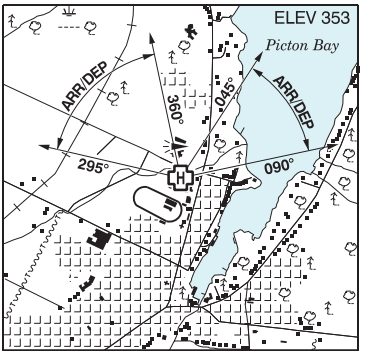
CGB3

REF	N44 00 04 W77 04 24 2.87 ESE 12°W (2014) UTC-5(4) Elev 460´ A5000
OPR	Jeff Douglass 613-885-6917 Reg PPR
PF	B-1 C-2,3,4,5 D-6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
SERVICES FUEL	MOGAS PN Opr
RWY DATA RCR	Rwy 05(049°)/23(229°) 1500x60 GRASS Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Runway slopes down Thld 23. Rwy narrows at mid-field to 50' to cross seasonal drainage ditch. Treeline nearest to hangar may cause mechanical turbulence. Extv glider activity at CNT7 mid-Jun to mid-Aug.



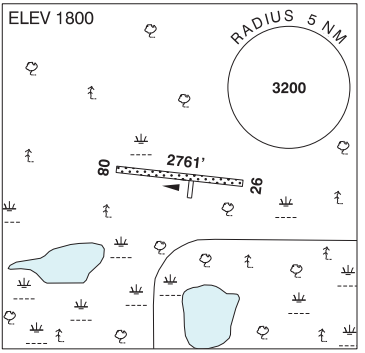
PICTON (PRINCE EDWARD COUNTY HOSP) ON (Heli) CPE7

REF	N44 00 59 W77 08 17 Adj 12°W (2012) UTC-5(4) Elev 353´ A5000
OPR	Quinte Health Care 613-969-7400 Cert
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 82' dia CONC/ASPH Safety Area 110' x 110' Max heli overall length 54.6' Opr
LIGHTING	RY(LO) RF(FL&FH)
COMM ATF	tfc 123.2 5NM 3400ASL
PRO	Arr/dep btwn 295°-360° & 045°-090° fr heli, slope 8% (H3), day/night use.



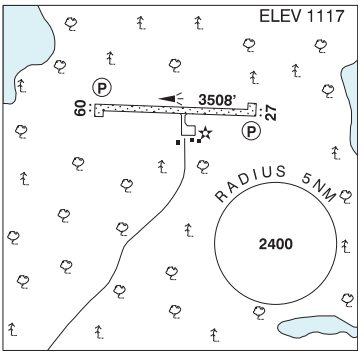
PIERCELAND (TURCHYN FIELD) SK CTF5

REF	N54 18 01 W109 55 38 6WSW 13°E (2014) UTC-6 Elev 1800´ A5015
OPR	Nathan Turchyn 306-839-7481 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(083°)/26(263°) 2761x65 GRVL Opr or 780-826-0415 Ltd win maint
COMM ATF	tfc 123.2 3NM 4800 ASL



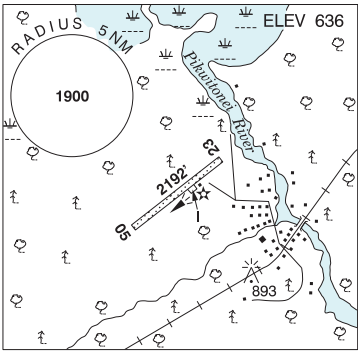
PIERRE ELLIOTT TRUDEAU INTL QC — See MONTRÉAL / PIERRE ELLIOTT TRUDEAU INTL

PIKANGIKUM ON — CYPM



REF	N51 49 11 W93 58 24 1NE 0° (2012) UTC-6(5) Elev 1117´ A5007 LO4 CAP
OPR	Govt of Ontario - MTO 807-773-5522 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
RWY DATA	Rwy 09(092°)/27(272°) 3508x100 GRVL
RWY CERT	Rwy 09/27 AGN IIIA
RCR	Aprt Foreperson 807-621-2758 or Opr Ltd maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	09-AS(TE ME) AP, 27-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4200 ASL.
CAUTION	Extv bird activity btwn aprt and landfill, lctd 1.24NM NE of Thld 27.

PIKWITONEI MB — CZMN

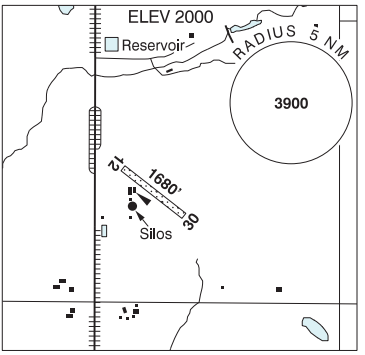


REF	N55 35 22 W97 09 49 Adj NW 2°E (2013) UTC-6(5) Elev 636´ A5016 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-458-2381 Cert
PF	A-1 C-2 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 05(050°)/23(230°) 2192x75 crushed rock
RWY CERT	Rwy 05/23 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-458-2450 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-458-2381
LIGHTING	05-(TE LO), 23-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

PILOT BUTTE SK

CPB5

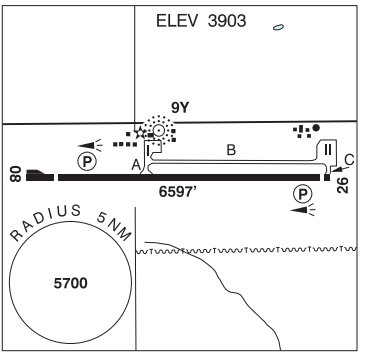
REF	N50 27 40 W104 25 50 1SW 9°E (2015) UTC-6 Elev 2000´ A5006
OPR	T. Truman 306-781-2303 Reg
PF	C-1,2,5 D-3,4,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 12(119°)/30(299°) 1680x65 GRASS
RCR	Ltd sum maint No win maint
COMM ATF	tfc 123.2 5NM 5000 ASL
CAUTION	Numerous obst/twr vic. Class E airspace abv 3000 ASL, see Regina VTPC.



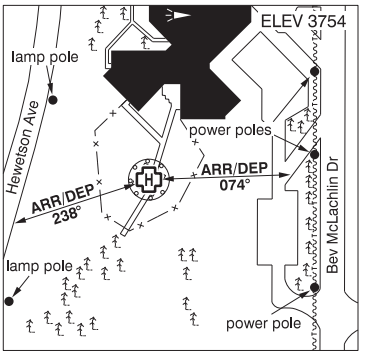
PINCHER CREEK AB

CZPC

REF	N49 31 14 W113 59 46 3NW 14°E (2018) UTC-7(6) Elev 3903´ A5005 LO2 HI3 CAP
OPR	Muni District of Pincher Creek 403-627-3130 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) WxCam
SERVICES	Call out chg may be levied after hrs
FUEL	100LL, JA Pincher Creek Aviation Svc 403-627-4173 or 403-632-6814
OIL	15W-50
RWY DATA	Rwy 08(076°)/26(256°) 6597x100 ASPH Thld 08 displ 597' Thld 26 displ 149' Rwy 26 up 0.53% AGN IIIA
APRON	Apron II: pvt
RCR	Opr 1500-2300Z‡ Mon-Fri, exc hols Ltd win maint O/T 2 hr PN 403-627-3484 Call out chg may be levied.
LIGHTING	08-(TE ME) P2, 26-(TE ME) P2 ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 7000 ASL
AWOS	127.65
NAV NDB	9Y 311 (L) N49 31 24 W113 59 55 Pvt
CAUTION	Acft on rwy not visible from all areas. Water bomber activity at or in vic of A/D Apr thru Sep. Numerous wind turbines in vic.



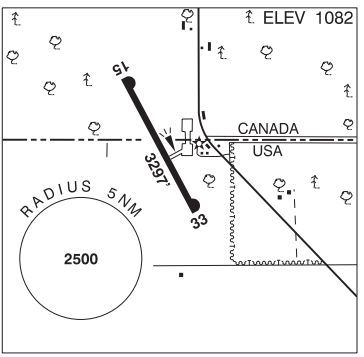
PINCHER CREEK (HOSP) AB (Heli) CPR8



REF	N49 29 33 W113 56 51 Adj 14°E (2013) UTC-7(6) Elev 3754´ A5005
OPR	Alberta Health Services 403-627-1234 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia CONC/GRASS TLOF 40' x 40' CONC Safety Area 90' dia Max heli overall length 44.8' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) yellow
COMM	
ATF	tfc 123.2 5NM centred on Pincher Creek aprt 3NM NW 7000 ASL.
PRO	Arr/dep 074° & 238° fr heli, slope 16% (H2), day/night use (CAR 602.96).
CAUTION	Bldg north side helipad. Marked p-lines 280' E of heli. Trees to 25' AGL adj S of heli.

PINDER AIRFIELD ON — See RODNEY / PINDER AIRFIELD

PINECREEK / PINEY PINECREEK BORDER MN K48Y

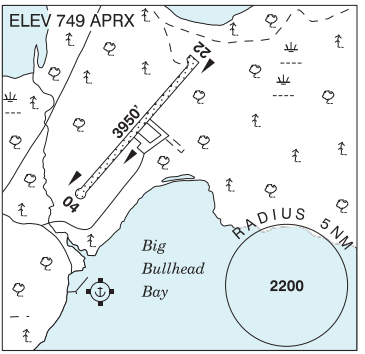


REF	N48 59 56 W95 58 56 2NW 5°E (1995) UTC-6(5) Elev 1082´ A5007 LO4
OPR	Piney/Pineycreek Border Aprt Comsn 218-463-2030/1952 or 204-423-2153 Reg
PF	B-1 D-2,5
CUST	AOE/15 888-226-7277 15-04Z‡ U.S. cust 15-23Z‡ 218-463-1952
FLT PLN	
FIC	Winnipeg 866-WXBRIEF (Toll free within Canada) or 866-541-4103 (Toll free within Canada & USA) or
FSS	AFSS 800-992-7433
SERVICES	
FUEL	100LL (Card system - Mastercard & Visa)
S	4,5,6
RWY DATA	Rwy 15(147°)/33(327°) 3297x75 asphalt
APRON	North prkg is in Canada; south prkg is in U.S.
RCR	Opr Ltd win maint
LIGHTING	15-(TE ME), 33-(TE ME) Rwy lgts on SS to SR, ints adjusted by ARCAL-122.8 type K.
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL Unicom at cust. Call U.S. or Cdn cust.

PINE DOCK MB

CKQ9

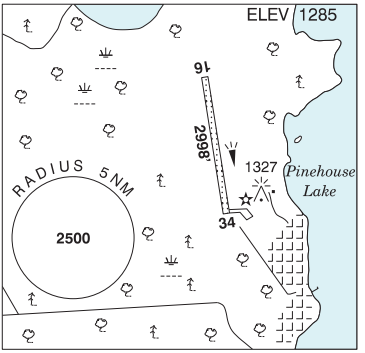
REF	N51 37 10 W96 48 44 1S 3°E (2014) UTC-6(5) Elev 749´ aprx A5007
OPR	Lakeside/Interlake Aviation 204-276-2410 Reg
PF	B-1 C-2,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S PVT ADV	 100LL, JB 20/50, 25/60, M20/50, Turbo Oil 2380 4,6 Lakeside 129.8
RWY DATA RCR	Rwy 04(038°)/22(218°) 3950x100 oiled gravel Opr Ltd win maint
COMM ATF	 tfc 122.8 5NM 3800 ASL



PINEHOUSE LAKE SK

CZPO

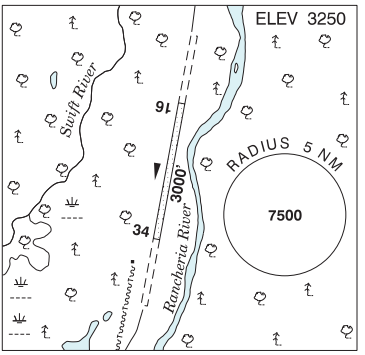
REF	N55 31 41 W106 34 56 Adj NW 11°E (2013) UTC-6 Elev 1285´ A5015 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	 6
RWY DATA RCR	Rwy 16(160°)/34(340°) 2998x65 GRVL District Office 306-425-4493/4494 or Opr Ltd win maint. Rwy strength & cond subject to seasonal and/or climatic variations.
LIGHTING	16-(TE ME), 34-(TE ME) ARCAL-122.8 type K
COMM ATF	 tfc 122.8 5NM 4300 ASL



PINE LAKE YT

CFY5

REF	N60 06 11 W130 56 01 63W 22°E (2012) UTC-7 Elev 3250´ A5021 A5028 A5099 LO5
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN FIC ACC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES S	Fuel stor by permit only ctc opr 4
RWY DATA RCR	Rwy 16/34 3000x100 GRVL Opr No maint
COMM ATF	tfc 123.2 5NM 6300 ASL
CAUTION	Verify rwy unobstructed prior to ldg.

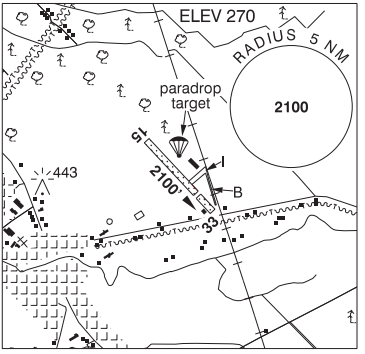


PINEY PINECREEK BORDER MN — See PINECREEK / PINEY PINECREEK BORDER

PINTENDRE QC

CPT9

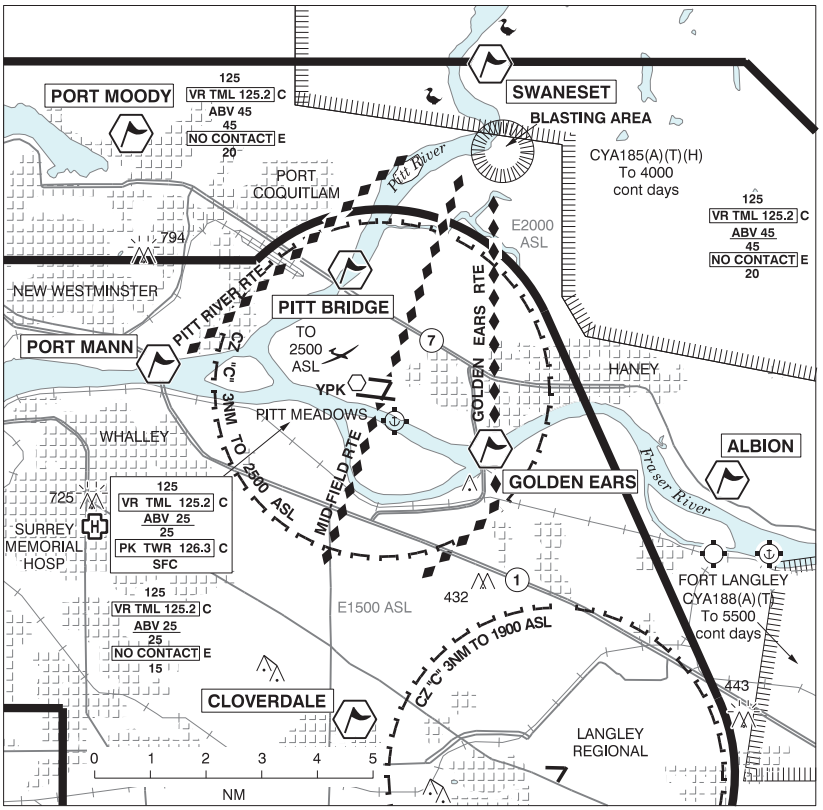
REF	N46 45 27 W71 06 33 Adj E 16°W (2013) UTC-5(4) Elev 270' A5002
OPR	Jacques Bernier 418-833-2821 or 418-952-2821 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) or 418-871-8678
SERVICES FUEL OIL S	 100LL, JA Ltd ctc OPR Shell W 15 W 50 1,4,5,6
RWY DATA RCR	Rwy 15(153°)/33(333°) 2100x30 GRVL Thld 33 displ 450' Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 1500 ASL excluding CYQB CZ and Québec TCA



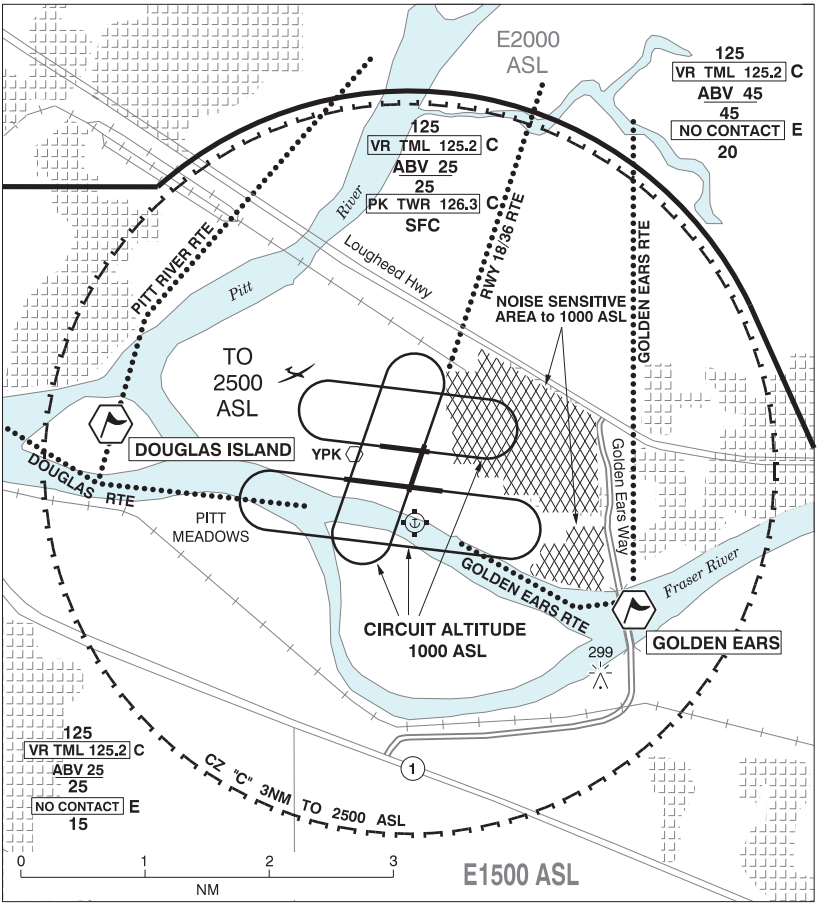
PINTENDRE QC (Cont'd) CPT9

PRO	**Preferential Rwy:** Rwy 15 preferred for tkof. Rwy 33 preferred for ldg. **Circuits:** Right hand circuits Rwy 33 (CAR 602.96). Circuits not above 1300 ASL. **Touch and go:** Touch and go not auth. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	**Inst apch at CYQB:** Acft flying to Québec/Jean Lesage Intl aprt (CZ 4.8NM WNW of Pintendre A/D) on inst apch Rwy 29 can overfly Pintendre A/D below 3000 ASL. St-Jean-Chrysostome A/D 4.5NM WSW common freq. Possibility of deer on the rwy. Lgtd P-line short final Rwy 33. Two unlgtd P-line 0.5NM final Rwy 15. Paradrop (up to 12,500 ASL) SR-SS mid-Apr to mid-Oct.

PITT MEADOWS VFR TERMINAL PROCEDURES CHART



PITT MEADOWS VFR TERMINAL PROCEDURES CHART - HELI ARR/DEP PROCEDURES, CIRCUIT PATTERNS & NOISE SENSITIVE AREA



DOUGLAS ROUTE

DEP via Fraser River to Douglas Island, not abv 500 until Douglas Island.

APCH Douglas Island, not abv 500, then eastbound via Fraser River.

PITT RIVER ROUTE

DEP via Fraser River to Douglas Island, then northbound W of Pitt River, not abv 500 until Lougheed Hwy.

APCH W of Pitt River to Douglas Island, not abv 500, then eastbound via Fraser River.

RWY 18/36 ROUTE

DEP and overfly Rwy 36 to Lougheed Hwy, not abv 500 until Lougheed Hwy.

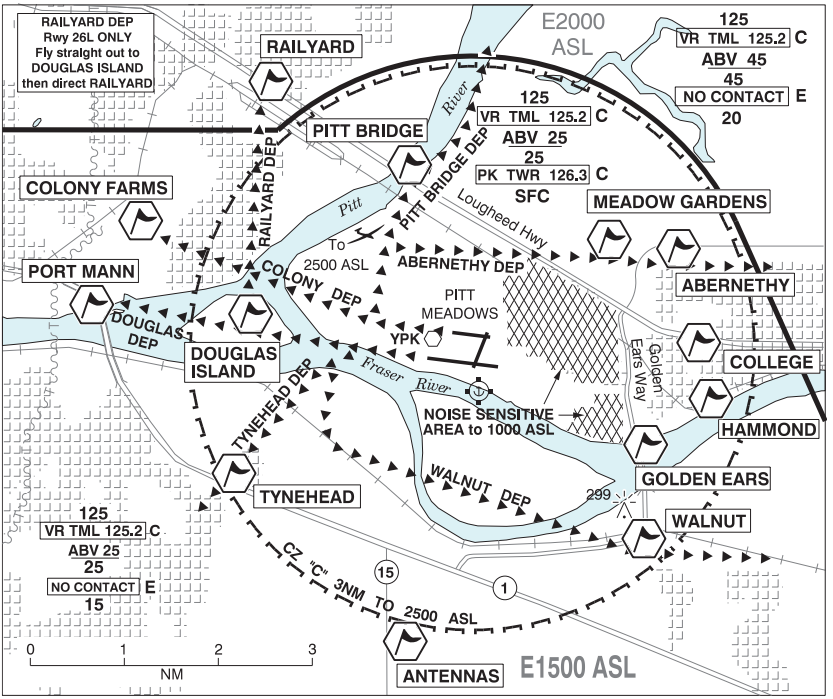
APCH straight-in Rwy 18, not abv 500. When authorized, overfly Rwy 18 to cross parallel Rwys.

GOLDEN EARS ROUTE

DEP via Fraser River past Golden Ears Bridge, then northbound E of Golden Ears Way, not abv 500 until Lougheed Hwy.

APCH E of Golden Ears Way, not abv 500 to Golden Ears Bridge, then westbound via Fraser River.

PITT MEADOWS VFR TERMINAL PROCEDURES CHART - RWY 26L & 26R ARR/DEP



DEPARTURES

All departures not above 1000 until cleared higher. See map for routing.

ARRIVALS

All arrivals not below 1500 until cleared lower, except where stated otherwise.

MEADOW GARDENS ARR – RWY 26R ONLY

Fly direct MEADOW GARDENS, then join right base.

ABERNETHY ARR – RWY 26L ONLY

Fly direct ABERNETHY, then join right base.

COLLEGE ARR – RWY 26R ONLY

Fly direct COLLEGE, then straight in.
No altitude restriction.

HAMMOND ARR – RWY 26L ONLY

Fly direct HAMMOND, then straight in.
No altitude restriction.

WALNUT ARR

Fly direct WALNUT, then join assigned left base.

ANTENNAS ARR

Fly direct ANTENNAS, then join assigned left downwind.

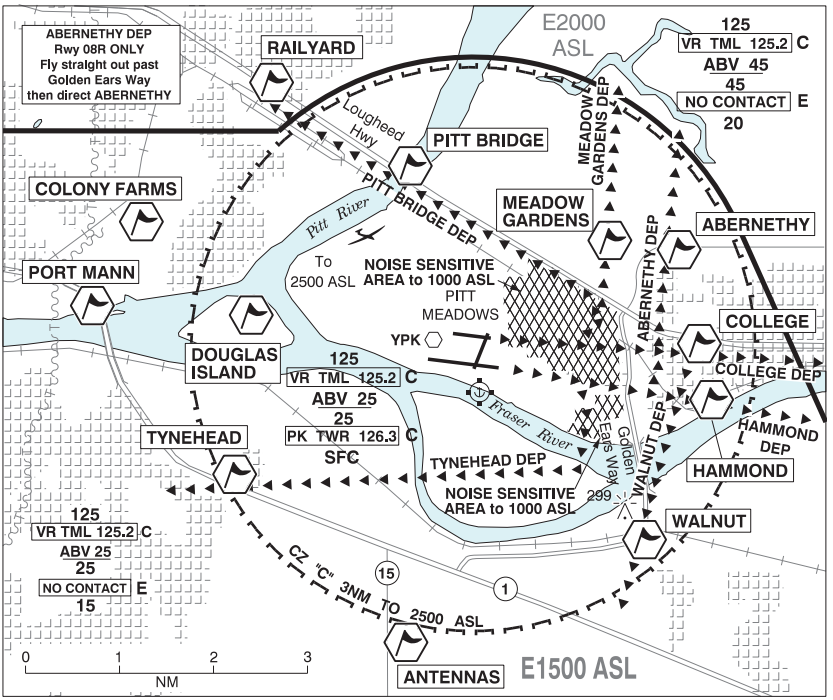
TYNEHEAD ARR

Fly direct TYNEHEAD, then join assigned left downwind.

PITT BRIDGE ARR

Fly direct PITT BRIDGE, then join assigned right downwind.

PITT MEADOWS VFR TERMINAL PROCEDURES CHART - RWY 08L & 08R ARR/DEP



DEPARTURES

All departures not above 1000 until cleared higher. See map for routing.

ARRIVALS

All arrivals not below 1500 until cleared lower, except where stated otherwise.

PITT BRIDGE ARR – RWY 08L ONLY

Fly direct PITT BRIDGE, then join left base.

RAILYARD ARR – RWY 08R ONLY

Fly direct RAILYARD, then direct DOUGLAS ISLAND, then straight in.

COLONY ARR – RWY 08L ONLY

Fly direct COLONY FARMS, then straight in.

No altitude restriction.

PORT MANN ARR – RWY 08R ONLY

Proceed via PORT MANN, then direct DOUGLAS ISLAND, then straight in. No altitude restriction.

TYNEHEAD ARR

Fly direct TYNEHEAD, then join assigned right base.

ANTENNAS ARR

Fly direct ANTENNAS, then join assigned right downwind.

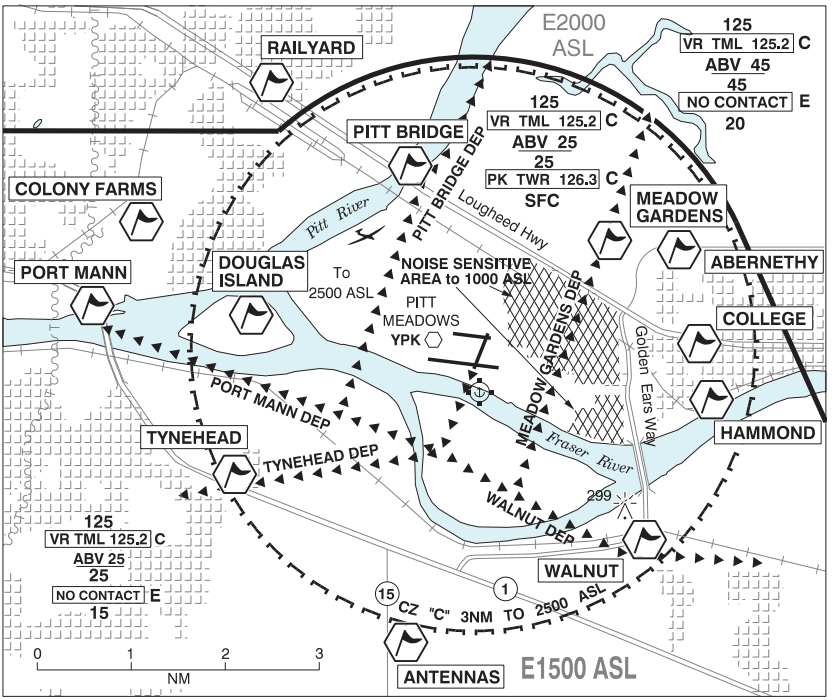
WALNUT ARR

Fly direct WALNUT, then join assigned right downwind.

ABERNETHY ARR

Fly direct ABERNETHY, then join assigned left downwind.

PITT MEADOWS VFR TERMINAL PROCEDURES CHART - RWY 18 ARR/DEP



DEPARTURES

All departures not above 1000 until cleared higher. See map for routing.

ARRIVALS

All arrivals not below 1500 until cleared lower.

TYNEHEAD ARR

Fly direct TYNEHEAD, then join right downwind.

COLONY ARR

Fly direct COLONY FARMS, then join midfield right downwind.

PITT BRIDGE ARR

Fly direct PITT BRIDGE, then join right base.

ABERNETHY ARR

Fly direct ABERNETHY, then join left base.

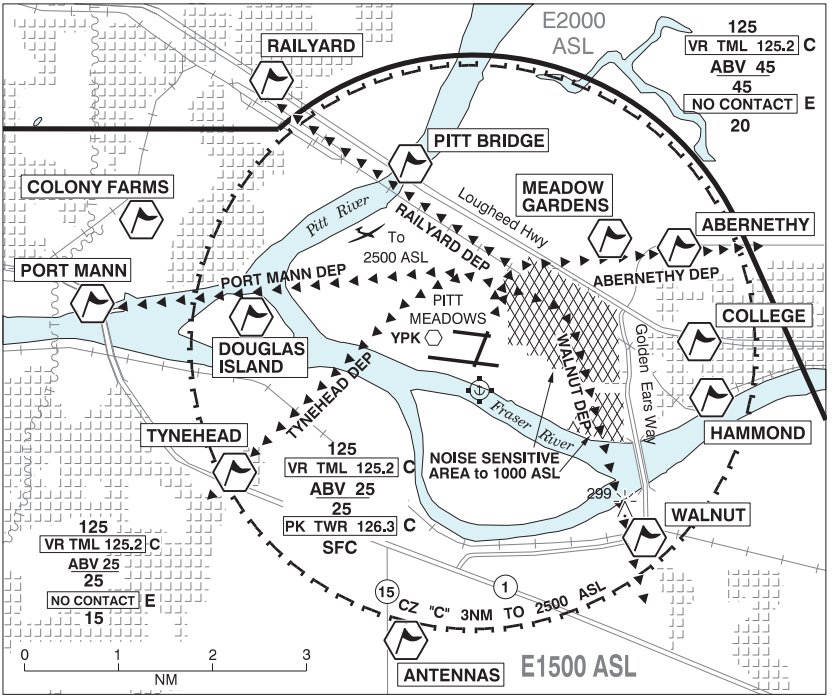
HAMMOND ARR

Fly direct HAMMOND, then join midfield left downwind.

WALNUT ARR

Fly direct WALNUT, then join left downwind.

PITT MEADOWS VFR TERMINAL PROCEDURES CHART - RWY 36 ARR/DEP



DEPARTURES

All departures not above 1000 until cleared higher. See map for routing.

ARRIVALS

All arrivals not below 1500 until cleared lower.

TYNEHEAD ARR

Fly direct TYNEHEAD, then join left base.

COLONY ARR

Fly direct COLONY FARMS, then join midfield left downwind.

PITT BRIDGE ARR

Fly direct PITT BRIDGE, then join left downwind.

MEADOW GARDENS ARR

Fly direct MEADOW GARDENS, then join right downwind.

HAMMOND ARR

Fly direct HAMMOND, then join midfield right downwind.

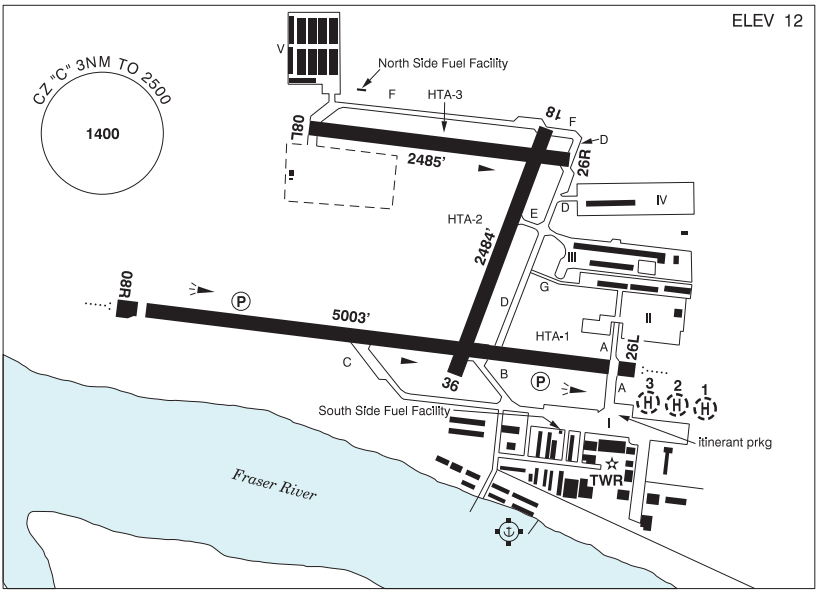
WALNUT ARR

Fly direct WALNUT, then join right base.

PITT MEADOWS VFR TERMINAL PROCEDURES CHARTS

NAME	IDENT	LAT/LONG
ABERNETHY	VCANY	N49° 13' 54" W122° 39' 24"
ANTENNAS	VCANS	N49° 09' 42" W122° 43' 54"
ALBION	VCABN	N49° 11' 12" W122° 33' 36"
CLOVERDALE	VCCLV	N49° 06' 42" W122° 43' 24"
COLLEGE	VCOLG	N49° 12' 54" W122° 39' 06"
COLONY FARMS	VCLFM	N49° 14' 12" W122° 48' 12"
DOUGLAS ISLAND	VCDGS	N49° 13' 12" W122° 46' 24"
FORT LANGLEY	VCLNG	N49° 10' 00" W122° 33' 06"
GOLDEN EARS	VCGER	N49° 11' 48" W122° 39' 54"
HAMMOND	VCHMD	N49° 12' 18" W122° 38' 54"
MEADOW GARDENS	VCMGD	N49° 14' 00" W122° 40' 32"
PITT BRIDGE	VCPTB	N49° 14' 48" W122° 43' 48"
PITT MEADOWS	VCPIT	N49° 13' 00" W122° 42' 54"
PORT MANN	VCPMN	N49° 13' 18" W122° 49' 00"
PORT MOODY	VCPMD	N49° 17' 18" W122° 49' 42"
RAILYARD	VCRRY	N49° 15' 42" W122° 46' 06"
SWANESET	VCSWN	N49° 18' 30" W122° 39' 48"
TYNEHEAD	VCTYN	N49° 11' 30" W122° 46' 42"
WALNUT	VCWNT	N49° 10' 48" W122° 40' 00"

PITT MEADOWS BC CYPK



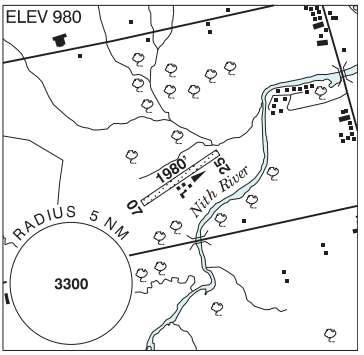
REF	N49 12 58 W122 42 48 1SW 17°E (2013) UTC-8(7) Elev 12′ VTA A5004 LO2 T1 CAP
OPR	Pitt Meadows Aprt Society 604-465-8977 Cert
PF	A-1,2,3,7 C-4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591; IFR tng flts PPR ctc 604-586-4592
WX	LWIS H24 LAWO 15-07Z‡
SERVICES	
FUEL	100LL (Cardlock) Helis not auth South Side Fuel Facility unless dollied, JA-1 (by truck)
OIL	All
S	1,2,3,4,5
PVT ADV	Integrity Flight Support (by truck) 778-808-3312 1530-0100Z‡ Mon-Fri exc hols, O/T call out chg; Aeroclub of BC (Cardlock) N & S Side Fuel Facilities 604-465-0446.
RWY DATA	Rwy 08R(080°)/26L(260°) 5003x100 ASPH Thld 08R displ 197' Thld 26L displ 164' Rwy 08L(080°)/26R(260°) 2485x75 ASPH Rwy 18(185°)/36(005°) 2484x75 ASPH RESA: 08R/26L 492'
RWY CERT	Rwy 08R/26L AGN IIIA Rwy 08L/26R AGN I Rwy 18/36 AGN I
TWY CERT	Twy: D, E, F, G AGN I
APRON	Apron I Itinerant prkg N of ATB, E of Twy A (see sketch). Apron III and V Pvt.
RCR	Twr 604-465-9723 PLR/PCN Rwy 08L/26R no win maint

PITT MEADOWS BC (Cont'd) CYPK

HELI DATA	Parking Pad 1 & 2: TLOF 68' dia ASPH Max heli overall length 57'. Parking Pad 3: TLOF 50' dia ASPH Max heli overall length 42'.
LIGHTING	08R-AO(TE ME) P2, 26L-AO(T ME) P2, 18-(TE ME), 36-(TE ME), 06-14Z‡ O/T ARCAL-126.3 key mic 3 times within 5 sec for 26L, & 5 times within 5 sec for 08R & 7 times within 5 sec for 18-36 for 15 min duration lgt.
COMM	
ATIS	125.0 1-877-517-2847 15-07Z‡
GND	123.8 15-07Z‡
TWR	Pitt 126.3 (V) 15-07Z‡ (emerg only 604-465-9723)
MF	tfc 126.3 07-15Z‡ 3NM 2500 ASL (CAR 602.98)
NAV	
VOR	YPK 112.4 N49 12 57 W122 42 54 (44´)
PRO	Rgt hand circuits Rwys 08R, 18 & 26R (CAR 602.96) circuit hgt 1000 ASL. Seaplane circuits 500 ASL on S side of Fraser River. Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia. Due to reduced wing tip clearance, acft total wingspan exceeding 60' are recommended to use Twy A when taxiing to/fr Apron I. **ATS REQUIREMENTS:** All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows,or call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15. - All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 122.5 or 123.15 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/Flight Itinerary. **NIGHT RESTRICTIONS:** - Circuit tng Rwy 08R & 08L not auth 05-15Z‡ PPR. - Circuit tng Rwy 26L, 26R, 18/36 not auth 06-15Z‡ PPR. - Turbojet, turbofan and turboprop night circuit tng PPR. - All acft avoid overflight of noise-sensitive areas, unless unable due to crosswind limitations, operational/safety considerations, or as directed by ATC. When Tower Closed: - Rwy 08R/18/26L Dep: Acft climb rwy hdg to 1000 ASL BPOC. Best Rate of Climb. Avoid flt over built-up areas in downwind and crosswind legs. - Rwy 36 Dep: Left hand circuit. When safe turn left to 1000 ASL BPOC. Best Rate of Climb. Avoid flt over built-up areas in downwind and crosswind legs. - Rwy 08L/26R not to be used when twr is clsd unless rqrd due to operational/safety considerations. **HELI:** All Turbine Heli: Continuous circuits prohibited unless approved by APM. - Arr/dep: Avoid low flt over built-up areas, unless directed by ATC. All Apron I arr/dep rqrd to use marked Apron I heli parking pads 1, 2 and 3 unless prior permission received fr APM.
CAUTION	Coyotes in vic of rwys. 160' lit crane 2NM NW of A/D. Quarry blasting ops within 0.6NM radius N49 17 14 W122 39 33 (aprx 4.7NM N of A/D) to 300 AGL. Industrial complex S of 26L apch, do not mistake bldg floodlights for rwy edge lights during low vis conds or ngt ops.

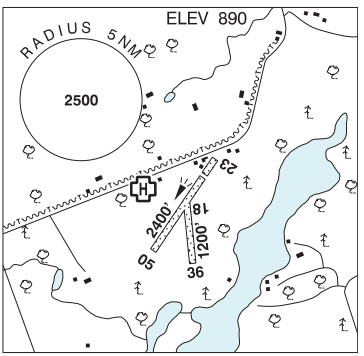
PLATTSVILLE (EDWARD'S AIR BASE) ON — CLB2

REF	N43 18 21 W80 32 55 3E 10°W UTC-5(4) Elev 980' VTA A5000
OPR	Edward Lubitz 519-684-7686 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07(066°)/25(246°) 1980x75 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 4000 ASL
PRO	Std circuit hgt 2000 ASL. Ultralight circuit hgt 1500 ASL.
CAUTION	Gnd drops off 20' at Thld 25. Trees 25 AGL 75' SE of Thld 25. Trees 25 AGL 225' NW Thld 25.



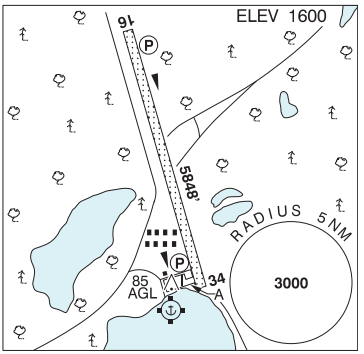
PLEVNA / TOMVALE ON — CNA9

REF	N44 54 58 W76 56 09 3S 13°W UTC-5(4) Elev 890´ A1905 A5000
OPR	Tomvale Air Svcs Ltd 613-479-2625 Reg PPR Ldg fees
PF	A-1 D-4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S PVT ADV	 1,2,4,5,6 Tomvale Air Svcs 123.3
RWY DATA RCR	Rwy 05(047°)/23(227°) 2400x75 GRVL/GRASS, centre 37x2000 GRVL Thld 23 displ 400´. Rwy 18/36 1200x75 GRASS Opr Ltd win maint
LIGHTING	05-(TE LO), 23-(TE LO) Ngt thld displ 400´ fr end of Rwy 23. ARCAL-122.8 type J, ARCAL inop when A/D attended.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 23 (CAR 602.96).
CAUTION	Float plane base 0.5S. Marked P-lines 40 AGL loc aprx 800´ fr thld Rwy 23. Hosp heli 0.3NM NW. Acft may not be on UNICOM freq.



POINTS NORTH LANDING SK

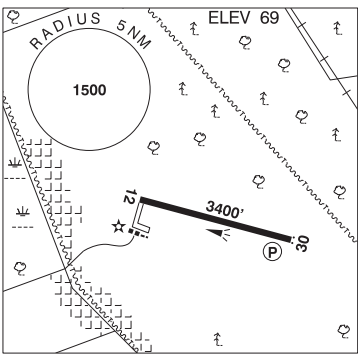
CYNL



REF	N58 16 36 W104 04 57 Adj E 9°E (2013) UTC-6 Elev 1600´ A5024 LO1 HI2 CAP
OPR	Points North Freight Forwarding Inc 306-633-2137 13-01Z PN, O/T PPR Cert Ldg fees PPR
PF	B-1,2,5 PN Opr
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg 888-834-3344 or 204-983-8337
WX	AUTO H24 (see COMM) ALTIMETER/WIND 306-633-2137 ltd hrs (see COMM)
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,4,6
RWY DATA	Rwy 16(156°)/34(336°) 5848x100 GRVL Rwy 34 up 0.89%
RWY CERT	Rwy 16/34 AGN IIIA
RCR	Opr
LIGHTING	16-(TE ME) P1, 34-(TE ME) P1 ARCAL-123.3 type K
COMM	
ATF	68 Points North UNICOM (AU) ltd hrs O/T tfc 123.3 5NM 4700 ASL
AUTO	122.55
CAUTION	VHF rdo twr 85 AGL on apron. Ltd twr 1991 ASL (370 AGL) 3NM SW.

POKEMOUCHE NB

CDA4



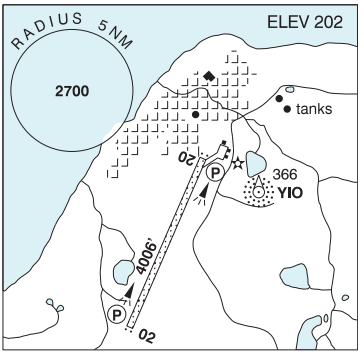
REF	N47 42 58 W64 52 54 6S 19°W (2012) UTC-4(3) Elev 69' A5003 A5010 LO8 CAP
OPR	Aéroport de la Péninsule (1985) Inc 506-727-4215 Reg Ldg fees
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES	
FUEL	100LL Ltd hrs 506-727-4215
OIL	80, 15W50
S	4,5,6

POKEMOUCHE NB (Cont'd) CDA4

RWY DATA	Rwy 12(123°)/30(303°) 3400x75 ASPH Rwy 12 down 0.41% AGN I
RCR	Opr Ltd win maint
LIGHTING	12-(TE ME), 30-AS(TE ME) AP ARCAL-122.350 key mic 3 times within 5 sec for 15 min dur. Key mic 5 times to turn off RIL.
COMM	
RCO	(bil) Québec rdo (Bathurst) 123.475 (FISE) 126.7 (bcst) (may not be receivable on the ground)
ATF	UNICOM ltd hrs O/T tfc 122.350 5NM 3100 ASL

POND INLET NU CYIO

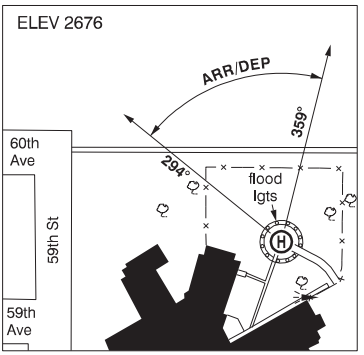
REF	N72 41 22 W77 58 08 32°W (2023) UTC-5(4) Elev 202´ A5047 LO9 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,4,5,6
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-899-8976 ltd hrs (see COMM)
WX	METAR dur CARS hrs O/T METAR AUTO (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam



SERVICES	
FUEL	JA-1 867-899-5100 14-22Z‡ Mon-Fri exc hols O/T call out chg PN 867-899-8976/5122. Credit card not accepted. Credit by prior arng 867-645-8400, allow 7 working days.
S	6
RWY DATA	Rwy 02(022°T)/20(202°T) 4006x98 GRVL Rwy 20 up 0.32%
RWY CERT	Rwy 02/20 AGN IIIA
RCR	Maint contractor 867-899-1643/8934 A/D maint avbl 13-22‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN
LIGHTING	02-AS(TE ME) AP, 20-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM	
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3200 ASL (CAR 602.98)
APRT RDO	122.1 (V) 16-23Z‡ Mon, 16-24Z‡ Tue, Thu & Fri, 16-22Z‡ Wed, 19-22Z‡ Sat, exc federal observed hols
AWOS	128.3
NAV	
NDB	YIO 214 (H) N72 41 35 W77 57 03
CAUTION	Possible presence of large animals within aprt perimeter. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

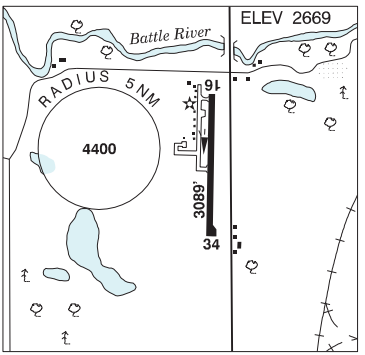
PONOKA (HOSPITAL & CARE CENTRE) AB (Heli) CHC4

REF	N52 41 07 W113 35 22 Adj N 15°E (2013) UTC-7(6) Elev 2676´ A5015
OPR	FM&E AHS 403-783-3341 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 82' dia GRASS/CONC TLOF 53' x 39' (oval) CONC Safety Area 109' dia Max heli overall length 54.7'
LIGHTING	RW(LO) green PN
COMM	
ATF	tfc 123.3 5NM centred on Ponoka (Labrie Field) A/D 2.6NM S 5700 ASL
PRO	Arr/dep 294° to 359° fr heli, slope 8% (H2)

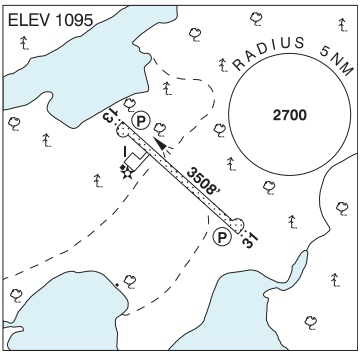


PONOKA (LABRIE FIELD) AB CEH3

REF	N52 39 07 W113 36 16 1.5SW 15°E (2013) UTC-7(6) Elev 2669´ A5015 LO2 CAP
OPR	Ponoka Flying Club 780-984-6296 or 403-304-0818 Reg
PF	B-1,6 C-2,3,4,5
CUST	AOE/CAN
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL, JA-1 Credit card accepted
OIL	All
S	1,2,3,4,5,6
PVT ADV	Ponoka Flying Club 403-704-4114
RWY DATA	Rwy 16(165°)/34(345°) 3089x75 asphalt Rwy 16 up 0.42% AGN II
RCR	Opr
LIGHTING	16-(TE ME), 34-(TE ME) ARCAL-123.3 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.3 5NM 5700 ASL
NAV	
NDB	PONOKA INDUS D3 363 (L) N52 41 00 W113 36 23 Pvt Unmonitored
PRO	Rgt hand circuits Rwy 16 (CAR 602.96).
CAUTION	Model acft ops in area aprx 1500´ E thld Rwy 34; sfc to 500 AGL.

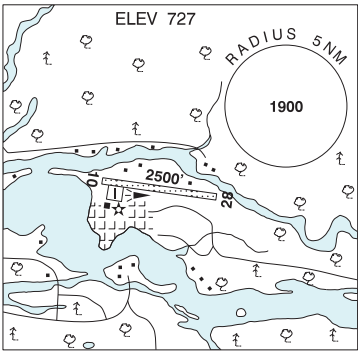


POPLAR HILL ON CPV7



REF	N52 06 48 W94 15 20 Adj NE 0° (2012) UTC-6(5) Elev 1095' A5007 A5017 LO4 CAP
OPR	Govt of Ontario - MTO 807-698-8408 ext 104 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4,7
FLT PLN **FIC**	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RWY CERT** **RCR**	Rwy 13(132°)/31(312°) 3508x100 CLAY/GRVL Rwy 13 down 0.57% Rwy 13/31 AGN IIIA Aprt Foreperson 807-631-2829 Ltd win maint 14-23Z‡ Mon-Fri exc hols. Rwy strength and cond subject to seasonal and climatic var.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-122.8 type K
COMM **ATF**	 tfc 122.8 5NM 4100 ASL

POPLAR RIVER MB CZNG

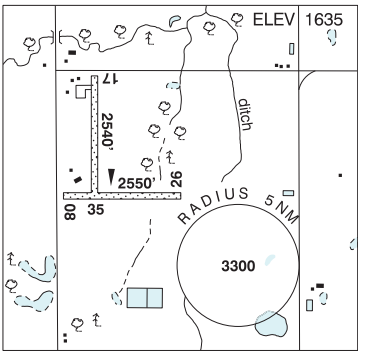


REF	N52 59 47 W97 16 25 Adj N 3°E (2013) UTC-6(5) Elev 727´ A5016 LO4 CAP
OPR	Govt of Manitoba 204-945-3421 Reg
PF	C-4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **APRON** **RCR**	Rwy 10(096°)/28(276°) 2500x60 crushed rock AGN I Apron I: Ltd win maint APM 204-244-2021 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-244-2368
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM **ATF**	 UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL
CAUTION	Ocsl pedestrian tfc on the aprt. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

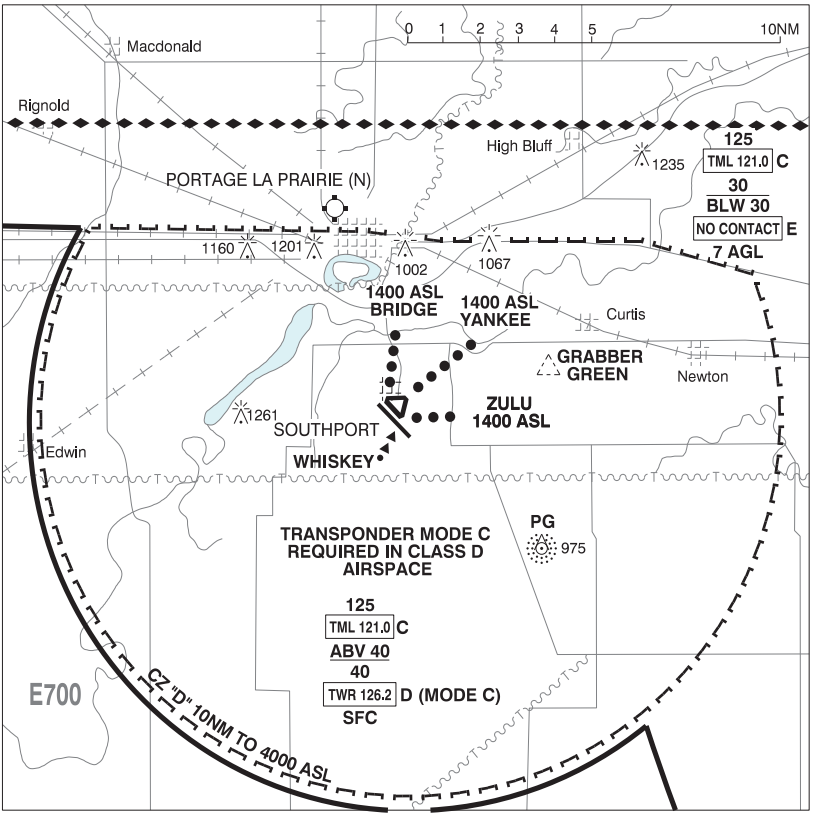
PORCUPINE PLAIN SK

CKD2

REF	N52 37 11 W103 14 52 1N 8°E (2017) UTC-6 Elev 1635´ A5016
OPR	Muni 306-278-2262 Reg
PF	B-1 C-2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	5
RWY DATA **RCR**	Rwy 17/35 2540x90 GRASS Rwy 08/26 2550x60 GRASS Opr
COMM **ATF**	tfc 123.2 5NM 4700 ASL
CAUTION	Trees aprx 20´ high 100´ N of thld Rwy 17.

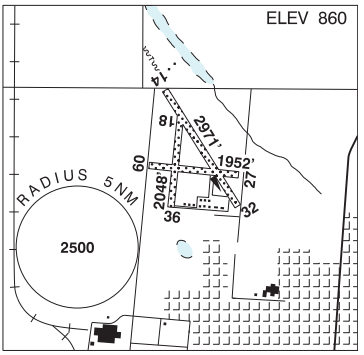


PORTAGE VFR TERMINAL PROCEDURES CHART

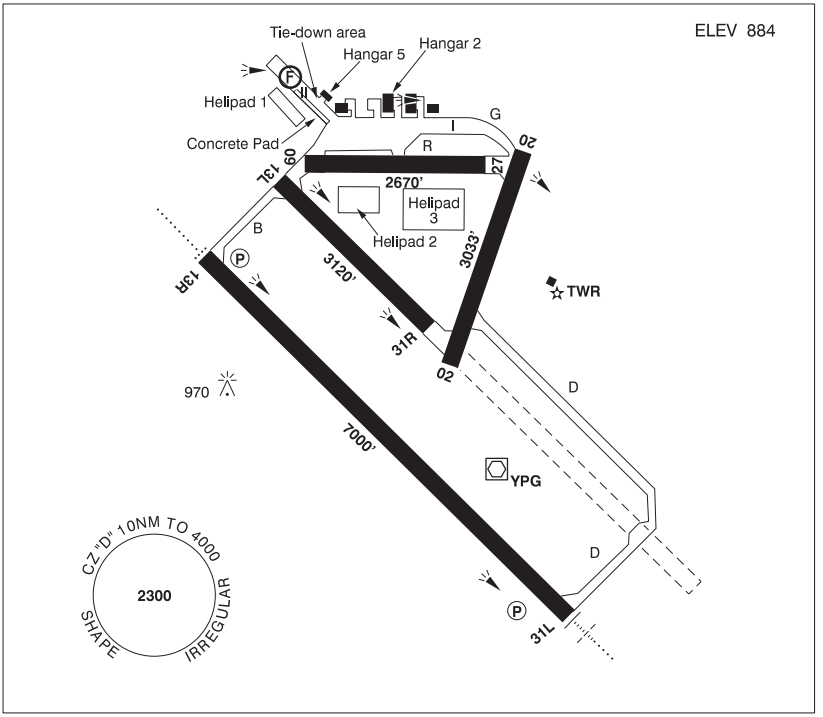


PORTAGE LA PRAIRIE (NORTH) MB CJZ2

REF	N49 59 36 W98 18 12 Adj NW 4°E (2017) UTC-6(5) Elev 860´ VTA A5007
OPR	Portage Flying Club Rick Yaskiw 204-857-4212 Reg
PF	C-1,2,3,4,5,6 A/D clsd in win
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	 100LL PN 4,5,6
RWY DATA **RCR**	Rwy 18(182°)/36(002°) 2048x75 GRASS Rwy 14(144°)/32(324°) 2971x90 GRASS Rwy 09(093°)/27(273°) 1952x75 GRASS Opr ltd win maint
COMM **ATF**	 tfc 122.8 5NM 3000 ASL excluding the YPG Class "D" CZ.
PRO	Rgt hand circuits Rwy 18, 27 & 32 (CAR 602.96), circuit hgt 1600 ASL. Aprt in close proximity to Southport class "D" CZ, for flt info ctc Southport TWR.
CAUTION	Bldgs and P-lines 1000' N thld Rwy 14 and parallel to E side Rwy 14.



PORTAGE LA PRAIRIE / SOUTHPORT MB — CYPG



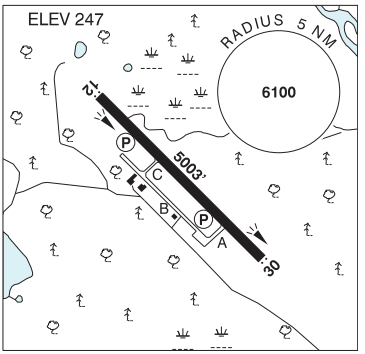
REF	N49 54 11 W98 16 26 4S 4°E (2016) UTC-6(5) Elev 884´ VTA A5007 LO4 HI4 CAP
OPR	Southport Aerospace Centre Inc 204-428-6030 14-23Z‡ exc stat hols, O/T by NOTAM. Mil flt ops 204-428-2522 Cert
PF	B-1,2 (ltd hrs), 5,7 C-2,3,4,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	204-428-2444 ltd hrs (see opr). O/T for mil only JMC 1-800-WXMETEO (996-3836). METAR dur flt ops. TAF dur flt ops, issue times depending on mil requirements. AUTO (see COMM).
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP 14-04Z‡ Mon-Fri exc hols. Ctc Tran Svcg 204-428-2435 O/T PN 204-872-0570
OIL	80, 100, Turbo Oil 2380
ARFF	PARTICIPATING CAT 2 14-23Z‡ Mon-Fri exc hols, O/T 204-870-2004
S	1,4,5,6
PVT ADV	Tran Svcg 123.0

PORTAGE LA PRAIRIE / SOUTHPORT MB (Cont'd) CYPG

RWY DATA	Rwy 13R(130°)/31L(310°) 7000x148 ASPH Rwy 13L(130°)/31R(310°) 3120x98 ASPH Rwy 09(085°)/27(265°) 2670x98 ASPH Rwy 02(015°)/20(195°) 3033x150 ASPH Rwy 20 up 0.3% RESA: 13R/31L 984'
RWY CERT	Rwy 13R/31L AGN IIIA Rwy 13L/31R AGN II Rwy 09/27 AGN II Rwy 02/20 AGN IIIA
TWY CERT	Twy R AGN II
HELI DATA	FATO 87' x 87' CONC Helipad 1: 607' x 148' GRASS/SNOW Helipad 2: 492' x 197' GRASS/SNOW Helipad 3: 656' x 328' GRASS/SNOW
APRON	No itinerant acft on Apron I. Itinerant acft prkg S of hg 5 on Apron II. Jet and large acft prkg on concrete pad on S side of Apron II. Heli FATO on S side of Apron II. Light acft use tie-downs on N side of Apron II. Parking Fees.
RCR	Opr CRFI, Mil Flt Ops 204-428-2444, 14-23Z‡, exc stat hols O/T by NOTAM. PLR/PCN ctc Opr. Rwy 09/27 wt rstd to 15,500 lbs. Rwy 13R/31L PLR 7.3. Call out chgs.
LIGHTING	02-(TE ME), 20-(TE ME), 13R-AO(TE HI) P2, 31L-AN(TE HI) P2 ARCAL-126.2 type K
COMM	
ATIS	120.85 14-23Z‡ Mon-Fri exc hols
GND	121.7 14-23Z‡ Mon-Fri exc hols
TWR	126.2 (V) 14-23Z‡ Mon-Fri exc hols
ATF	tfc 126.2 23-14Z‡ Mon-Fri, H24 Sat, Sun & hols 10NM 4000 ASL
TML	Winnipeg 121.0
MIL	3 CFFTS Ops 204-428-4139
AUTO	123.175
NAV	All Navaids Unmonitored when Twr clsd.
NDB	PORTAGE PG 353 (L) N49 50 30 W98 10 47 Pvt
VOR/DME	PORTAGE YPG 114.6 Ch 93 N49 53 59 W98 16 02 (902') Pvt
ILS	IPG 109.7 (Rwy 31L) Pvt
PRO	Rgt hand circuits Rwys 13R, 20, 27 & 31R (CAR 602.96). Circuit alt 02/20, 09/27 & 13L/31R 1900 ASL, 13R/31L 2500 ASL. Arr ctc twr 126.2 prior to "D" CZ. VFR circuits & multiple IFR apch for tng by itinerant acft may be rstd due lcl tfc. Extv heli tng NE quad CZ within 5NM. Avoid satellite fld (Grabber Green) N49 54 52 W98 09 38, 4NM NE (see VTPC) or cross at 2500 ASL or above.
HELI	Dep & arr FATO 1 on Apron II as directed by twr depicted rtes (see VTPC). Not above 1400 ASL til clear of circuits.
CAUTION	Extv flt tng in the lcl area. Hrs of ops may be extended by NOTAM. Ocsl extv ngt flt tng activity. Attempt ctc with Southport twr 126.2 prior to entering CZ. Lgtd twr 1010 ASL (150 AGL) aprx 0.9NM N of A/D.

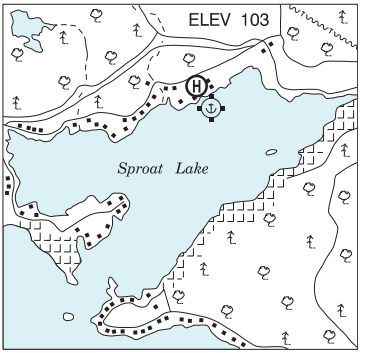
PORT ALBERNI (ALBERNI VALLEY REGIONAL) BC — CBS8

REF	N49 19 16 W124 55 46 6NW 17°E (2015) UTC-8(7) Elev 247´ A5004 LO2 HI3 RCAP
OPR	Regional District Alberni-Clayoquot 250-720-2700 Reg
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Comox Tml 250-339-8115
WX	WxCam
SERVICES	
FUEL	100LL, JA
RWY DATA	Rwy 12(118°)/30(298°) 5003x100 ASPH
RCR	Opr Ltd win maint
LIGHTING	12-AS(TE ME) P1, 30-AS(TE ME) P1 ARCAL-123.0 type K
COMM	
ATF	tfc 123.0 5NM 3250 ASL
PRO	For IFR clnc ctc Comox Tml 250-339-8115, 10 mins prior to dep.
CAUTION	Sfc unprepared outside rwy edge. Glider activity May-Sep.

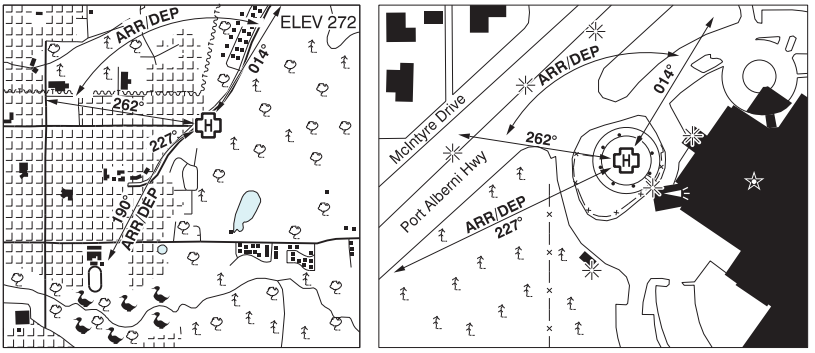


PORT ALBERNI / SPROAT LAKE TANKER BASE BC (Heli) — CBT9

REF	N49 17 24 W124 56 42 3E 17°E (2015) UTC-8(7) Elev 103´ A5004
OPR	Coulson Flying Tankers 250-724-0584 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	43´ dia paved, 53´ dia.
COMM	
ATF	Port Alberni tfc 123.0 5NM 3250 ASL
A/G	164.190
PRO	Arr/dep via unmarked hover area over water S of apron.
CAUTION	Noise sensitive areas to E & W. Water A/D adj, Port Alberni Regional A/D 3NM N.



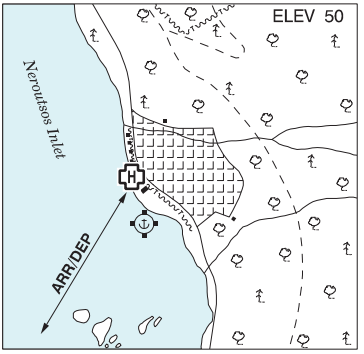
PORT ALBERNI (WEST COAST GEN HOSP) BC (Heli) CBK5



REF	N49 14 56 W124 46 59 17°E (2015) UTC-8(7) Elev 272´ A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 79' dia CONC Safety Area 105' Max heli overall length 52.5' (CAR 602.96)
LIGHTING	RW(ME) ARCAL-123.0 type J
COMM **ATF**	tfc 123.0 5NM 3100 ASL
PRO	Arr/dep curved 227° to 190° fr heli, slope 12% (H2), day/night use (CAR 602.96). Arr/dep 262° to 014° fr heli, (H1), NVIS rqrd for night use (CAR 602.96).
CAUTION	Trees 165 AGL within H1 flt path N-NW of heli. Bldg roof and ambulance canopy adj safety area SE of heli.

PORT ALICE (HOSP) BC (Heli) CBB5

REF	N50 25 36 W127 29 13 Adj Rumble Beach 18°E (2014) UTC-8(7) Elev 50´ A5004
OPR	Port Alice Hosp 250-284-3555 Reg PPR
PF	B-1,2,4, C-3,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	43´ dia concrete Opr
COMM **ATF**	tfc 123.2 5NM 3100 ASL

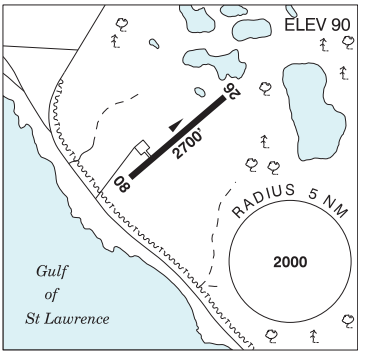


PORT ALICE (HOSP) BC (Heli) (Cont'd) CBB5

PRO	Arr/dep to/fr SSW over water.
CAUTION	P-line 200´ N 1000 ASL marked. Obstacles to 150 ASL all quads exc SSW over water.

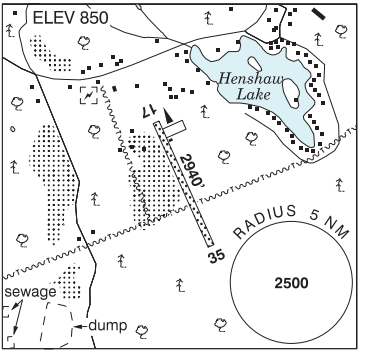
PORT AU CHOIX NL CCM4

REF	N50 41 20 W57 19 53 1.5SSE 21°W (2012) UTC-31/2(21/2) Elev 90´ A5011
OPR	Govt of Newfoundland & Labrador 709-861-3505 or 709-729-3092 Reg
PF	C-1,2,5 D-3,4
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 08/26 2700x50 asphalt
RCR	Opr Ltd win maint PN
COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Power line aprx 500' fr Thld 08.



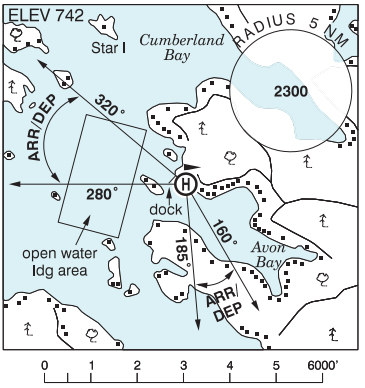
PORT CARLING ON CPC2

REF	N45 05 32 W79 35 49 1.7SW 11°W (2013) UTC-5(4) Elev 850' A5000
OPR	Brent Quarries 705-765-6447 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(167°)/35(347°) 2940x50 GRVL
RCR	Opr Ltd win maint Rwy soft in spring
COMM	
ATF	tfc 122.8 5NM 3900 ASL
CAUTION	Two twrs 1000' W of rwy. Ditch W of rwy. Trees N and S end of rwy. Machinery may be on rwy.



PORT CARLING (AVON BAY) ON (water aerodrome) CPC5

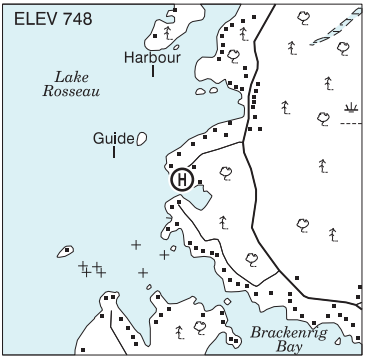
REF	N45 07 36 W79 40 04 3.9WNW 10°W (2024) UTC-5(4) Elev 742' A5000
OPR	Daniel Wittlin 416-560-8575 Reg PPR A/D clsd Dec 1-Mar 31
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA
HELI DATA	FATO 59' x 59' water TLOF 24' x 24' wood Safety Area 69' x 69' Floating helideck Max heli overall length 39'
RCR	Opr No win maint



AD DATA	Open water Apr 1-Nov 30
DOCKS	Dock & floating helideck, depth 15', sand bottom.
COMM ATF	tfc 122.8 5NM 3800 ASL
PRO	Arr/dep 160° to 185° & 280° to 320° fr heli.
CAUTION	Summer boat tfc.

PORT CARLING / FIG AIR ON (Heli) CFA2

REF	N45 07 41 W79 32 16 1.7ENE 11°W (2015) UTC-5(4) Elev 748' A5000 CAP
OPR	Fig Air 905-505-2151 dispatch 905-505-2737 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 85' dia CONC Safety Area 130' dia Max heli overall length 55'
RCR	Opr

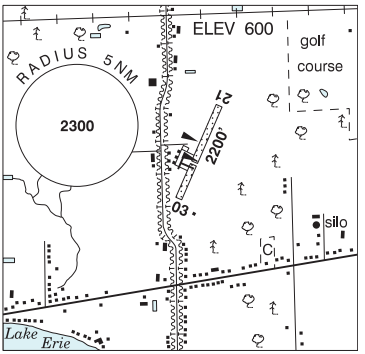


LIGHTING	RY(LO) RF(FH) ARCAL-122.5 type K
COMM ATF	tfc 122.8 5NM 3800 ASL

PORT COLBORNE ON

CPE5

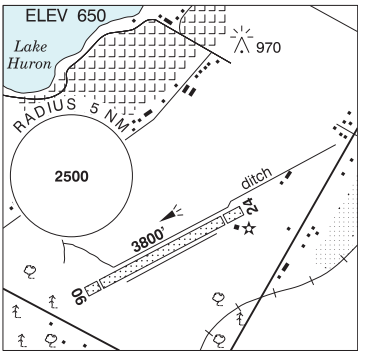
REF	N42 52 39 W79 21 10 4.8W 10°W UTC-5(4) Elev 600´ A5000
OPR	Skydive Burnaby 905-899-1528 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	100LL All 1,4,5
RWY DATA **RCR**	Rwy 03/21 2200x75 GRASS Thld 03 displ 800´. Opr No win maint. Rwy soft when wet.
COMM **ATF** **A/G**	tfc 123.2 5NM 3600 ASL 122.9
PRO	Rgt hand circuits Rwy 21 (CAR 602.96). Possible tfc conflict from A/D 2NM E. Ocsl release of parachutes Mon-Fri fr 500´ above water aprx 1NM S, announced on ATF. CYA513(P) activated by NOTAM when parachuting in progress btwn 2800-14,500 ASL.



PORT ELGIN ON

CNL4

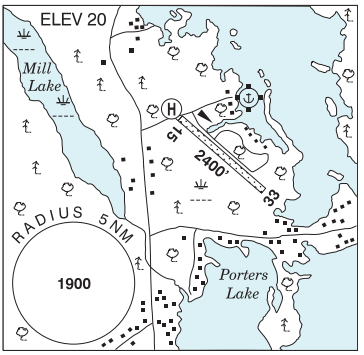
REF	N44 24 55 W81 24 52 1.3SW 9°W UTC-5(4) Elev 650´ A5000 LO4 LO6
OPR	Town Aprt Committee 519-389-5381/832-6178 May 1-Oct 31 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	100LL All 4,5
RWY DATA **RCR**	Rwy 06/24 3800x175 GRASS Thld 06 displ 300´ day & 1100´ ngt Thld 24 displ 400´ day & 800´ ngt Opr No win maint. Rwy may be soft dur spring & when wet.
LIGHTING	06-(TE LO), 24-(TE LO) Lgts on by req
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Occasionally deer & birds on rwy. 164 AGL twr 262' E Thld 24 (ngt).



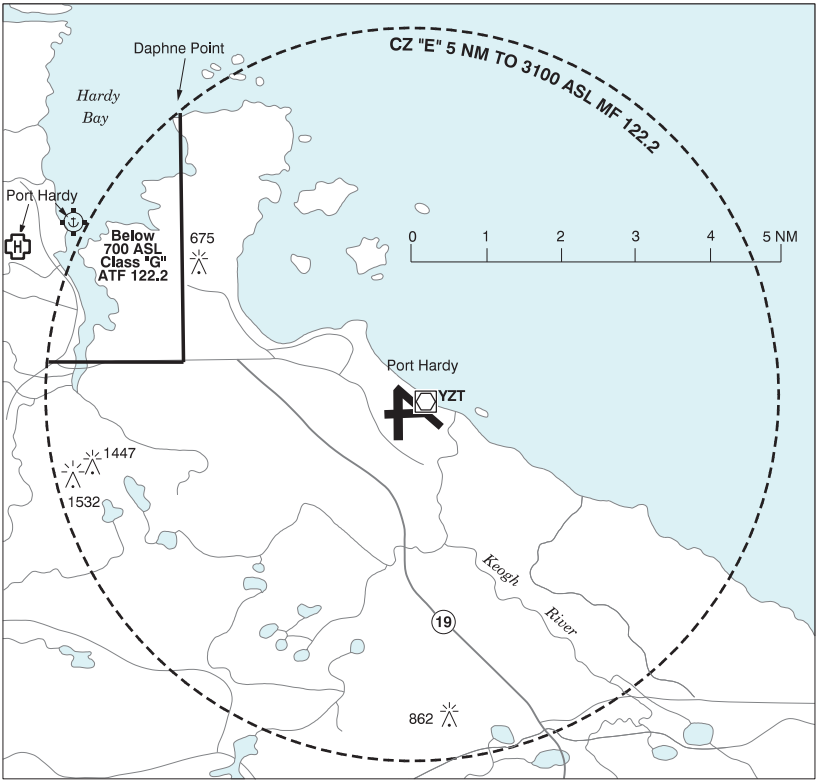
PORTERS LAKE NS

CCF4

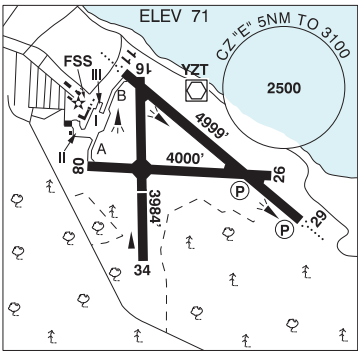
REF	N44 42 36 W63 18 06 2S 18°W (2014) UTC-4(3) Elev 20´ A5003 T2
OPR	R. MacFarlane 902-827-3148 Reg PPR
PF	B-1 C-2,5 D-3,4,6
FLT PLN FIC ACC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 15(149°)/33(329°) 2400x100 GRVL/GRASS
COMM ATF	 tfc 123.2 5NM 3000 ASL
CAUTION	Possible vehicle tfc on access road across Rwy 15 at 400´. Seaplane ops vic adj water A/D. Helipad 110´ x 110´ at thld Rwy 15.



PORT HARDY VFR TERMINAL PROCEDURES CHART



PORT HARDY BC — CYZT



REF	N50 40 50 W127 22 00 5.2SE 18°E (2014) UTC-8(7) Elev 71´ A5004 LO2 HI3 CAP
OPR	TC 250-949-6424 O/T Duty 250-902-8281 Fax 250-949-9013 1430-2230Z‡ Mon-Fri, Sat-Sun and hols O/R. Call out chg may apply, ctc opr. Cert Ldg fees (jet and turboprop acft only) Tml fees
PF	A-1,2,3,6 C-5 D-4 ATB 1530-0030Z‡ Mon-Fri, Sat-Sun & hols O/R
CUST	AOE/15 888-226-7277 16-08Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.

SERVICE	
FUEL	100LL, JA-1 (FSII avbl), HPR Wilderness Seaplanes (World Fuel) 250-949-1037 16-01Z‡ Mon-Fri, 17-24‡ Sat-Sun exc hols, O/T call out chg apply.
OIL	All
S	1,2,4,5,6
PVT ADV	Wilderness Seaplanes 131.05 250-949-1037 or 250-949-6353
MIL CON	Pacific Coastal Airlines (World Fuel Services) 250-949-5153
RWY DATA	Rwy 11(113°)/29(293°) 4999x150 grooved ASPH Rwy 08(076°)/26(256°) 4000x150 ASPH Rwy 26 up 0.98% Rwy 16(162°)/34(342°) 3984x150 ASPH Rwy 16 up 0.75% Thld 34 displ 1491´
RWY CERT	Rwy 29 RVR 1200(1/4sm) Rwy 11/29 AGN IIIA Rwy 08/26 AGN I Rwy 16/34 AGN I
TWY CERT	Twy: A, B AGN II
TWY	No vehicle control
APRON	Prkg fees Pvt pilot access ATB/airside via pilot gate, entry code attached. Apron III: Prkg only for heli on skids with max gr wt 13,000 lbs
RCR	Opr CRFI, Win maint 1430-2300Z‡ Mon-Fri exc hols O/T PN, call out chgs apply. No win maint Rwy 16/34. Rwy 16/34 rstd to acft gr wt of 12,500 lbs or less. PLR/PCN.
LIGHTING	08-(TE ME), 26-(TE ME) P2, 11-AO(TE ME), 29-AO(TE ME) P2
COMM	
RADIO	Hardy 122.2 PTC avbl (E) (emerg only 250-949-6331)
RCO	Pacific rdo 123.375 (FISE) 126.7 (bcst)
MF	Hardy rdo 122.2 5NM 3100 ASL excluding class G ATF (CAR 602.98). Refer to Port Hardy VTPC.
PAL	Vancouver Ctr 132.2 266.3
NAV	
VOR/DME	YZT 112.0 Ch 57 N50 41 04 W127 21 57 (67´)
DME	IZT 109.5 Ch 32 N50 40 34 W127 21 09 (21´)
ILS	IZT 109.5 (Rwy 11) LOC reliable only within 10° either side of centreline.

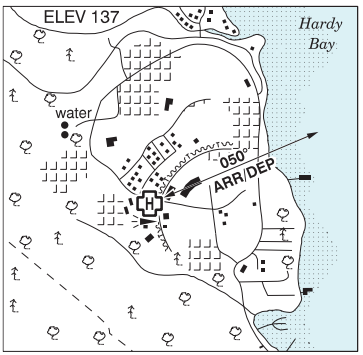
PORT HARDY BC (Cont'd) CYZT

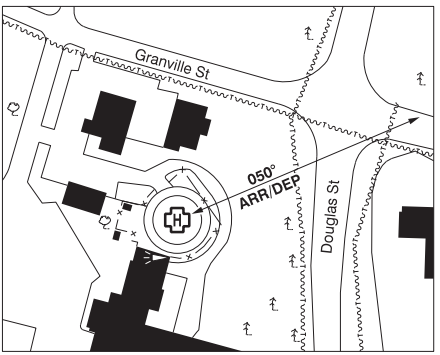
PRO	Rgt hand circuits Rwys 26 & 29 (CAR 602.96). **Reduced Visibility Operations Plan (RVOP):** Rwy 08/26, Rwy 16/34 and Twy A not available for acft taxi when vis below RVR 2600 (1/2sm) (CAR 602.96). Pilots preparing to depart the ramp in vis less than RVR 2600 (1/2sm) must ensure that no other acft are on the maneuvering areas (CAR 602.96).
CAUTION	Extv eagle activity in the vic of Thlds 26 & 29. Radiosonde balloon launches with an ascent rate of 1000 ft/min daily between the hours of 1115-1345Z and 2315-0145Z.

PORT HARDY FSS - RCO

Tofino 123.25 (RAAS) 1330-0530Z‡ (N49 05 W125 51)

PORT HARDY (HOSP) BC (Heli) CBS5

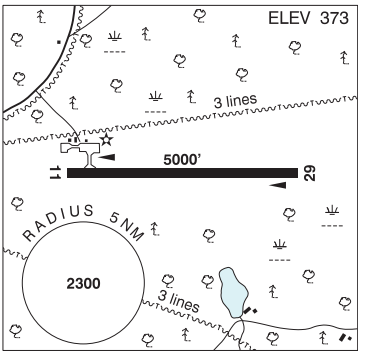




REF	N50 43 14 W127 30 09 17°E (2019) UTC-8(7) Elev 137' A5004
OPR	Island Health 250-949-1542 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia CONC TLOF 57' dia CONC Safety Area 115' Max heli overall length 57.4' (CAR 602.96). Opr
COMM **RADIO** **RCO** **ATF**	Hardy 122.2 (E) Pacific rdo 123.375 (FISE) 126.7 (bcst) tfc 122.2 2NM 1000 ASL excluding the area within the Port Hardy land A/D. Refer to Port Hardy VTPC.
PRO	Arr/dep 050° fr heli, slope 8% (H3), NVIS rqrd for ngt use (CAR 602.96).
CAUTION	Unlgtd P-line marked with balls on apch. Bldg and lamp standard adj S. 4' fence under flt path in safety area. Floatplane arr/dep area adj.

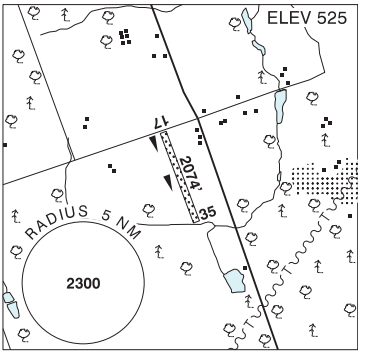
PORT HAWKESBURY NS — CYPD

REF	N45 39 23 W61 22 06 2.1N 19°W (2013) UTC-4(3) Elev 373´ A5003 LO8 HI6 CAP
OPR	Celtic Air Services Ltd 902-625-2206 After hrs 902-631-1808 Fax 902-625-2031 Reg
PF	A-1 12-22Z‡ C-2,3,4,5,6
CUST	AOE/15 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR AUTO H24 (see COMM) WxCam
SERVICES	12-22Z‡ O/T PN, call out chg
FUEL	100LL, JA-1
OIL	15W50
S	1,2,3,4,5,6
RWY DATA	Rwy 11(109°)/29(289°) 5000x150 ASPH Rwy 29 down 0.82% AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	11-(TE ME), 29-(TE ME) ARCAL-122.8 type J
COMM	
DRCO	London rdo 123.375 (FISE) 126.7 (bcst)
ATF	UNICOM 122.8 1230-2130Z‡, O/T tfc 122.8 5NM 3400 ASL
PAL	Moncton Ctr 135.1
AWOS	128.3
CAUTION	Ocsl blasting by NOTAM to 1600 ASL 2NM SW airport.



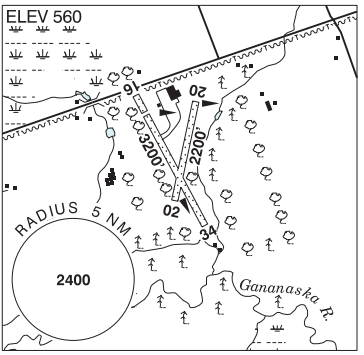
PORT HOPE (MILLSON FIELD) ON — CMF4

REF	N43 59 20 W78 25 42 5.4WNW 11°W (2016) UTC-5(4) Elev 525' A5000
OPR	Wayne Millson 905-373-6895 Reg PPR
PF	B-1 C-2,3,5 D-4,6
FLT PLN	
FIC	LONDON 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(171°)/35(351°) 2074x70 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3500 ASL
PRO	Remote control a/c club activity located mid field, will give way to acft on apch. Acft training conducted in vic, monitor 126.7.
CAUTION	P-lines 1/2 mile S of Thld 35. Wildlife may be on rwy present dawn/dusk.



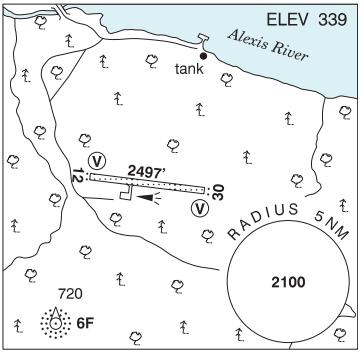
PORT HOPE (PETER'S FIELD) ON — CPH3

REF	N44 01 29 W78 25 37 6NW 11°W UTC-5(4) Elev 560' A5000
OPR	Spatial Concepts 416-602-6199 Reg PPR
PF	C-1,2,3,4,5 D-6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 16(163°)/34(343°) 3200x120 GRASS Thld 16 displ 450' Rwy 02(023°)/20(203°) 2200x120 GRASS
RCR	Opr No win maint
COMM **ATF**	tfc 123.2 4NM 3600 ASL
CAUTION	Trees 60 AGL 180' N Thld 16. Unlgtd P-lines 35 AGL 110' N Thld 16. Treeline 30 AGL 70' W rwy centreline at Thld 16. Rwy 16 pronounced down slope aprx 1200' from thld for 500'. Trees 60 AGL 75' E of rwy intxn. Hi performance glider activity at A/D. Severe drop-off aprx 500' of Thld 34. Extv bird activity in vic of rwys. Acft at Thld 20 unable to see acft on final apch of Rwy 34/16.

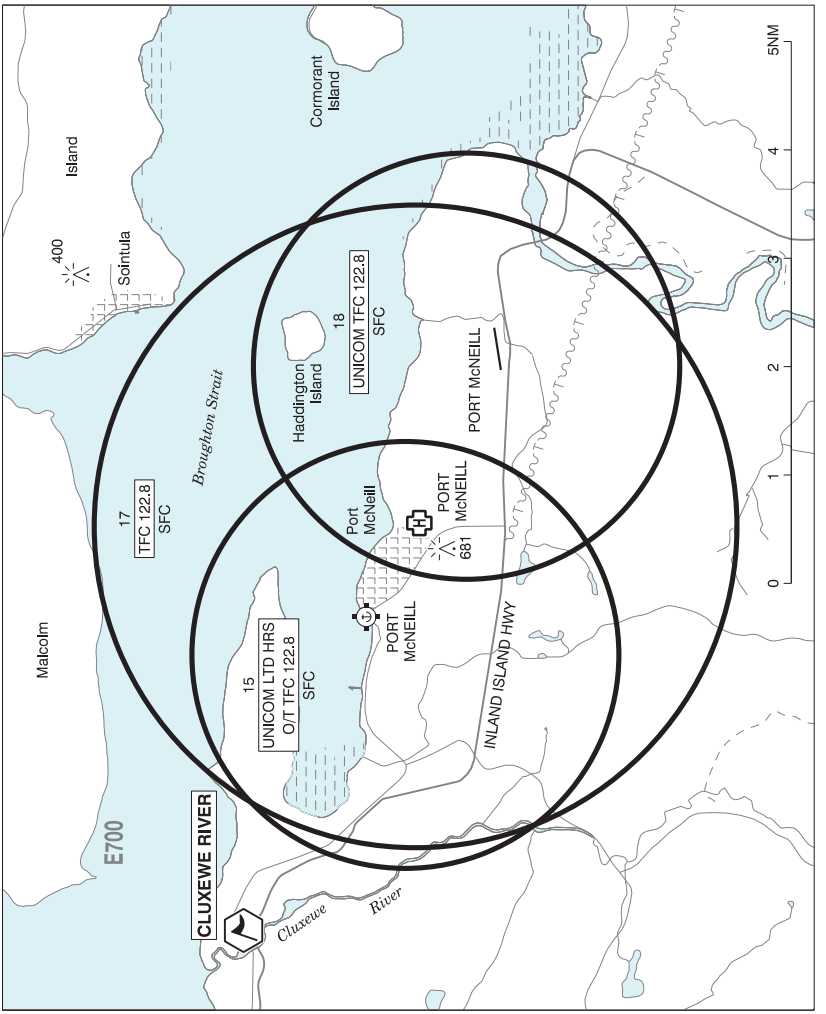


PORT HOPE SIMPSON NL — CCP4

REF	N52 31 41 W56 17 07 1S 19°W (2024) UTC-3 1/2(2 1/2) Elev 339´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 12(117°)/30(297°) 2497x75 GRVL
RWY CERT	Rwy 12/30 AGN II
RCR	Opr 0930-1830Z‡ Nov-Apr, 1130-2030Z‡ May-Oct O/T ctc opr 709-960-0383/0212
LIGHTING	12-AS(TE ME) AV 4°, 30-AS(TE ME) AV 4° ARCAL-122.8 type K, key mic 7 times for RIL.
COMM **ATF**	tfc 122.8 5NM 3300 ASL See PRO section
NAV **NDB**	6F 367 (L) N52 31 12 W56 17 45 Pvt Unmonitored
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.



PORT McNEILL VFR TERMINAL PROCEDURES CHART

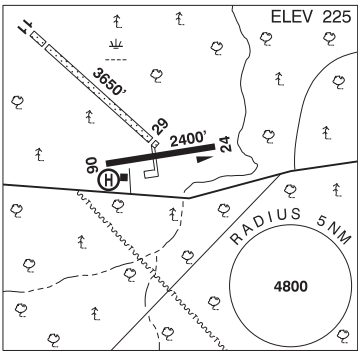


NAME	IDENT	LAT/LONG
CLUXEWE	VCLUX	N50° 36' 18" W127° 10' 18"

PORT McNEILL BC

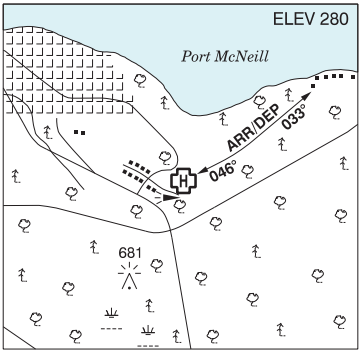
CAT5

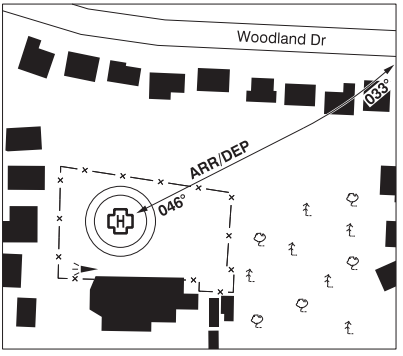
REF	N50 34 32 W127 01 43 2SE 18°E (2013) UTC-8(7) Elev 225´ A5004
OPR	Town 250-956-3111/4444 Reg
PF	A-1 C-2,3,4,5 D-6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL	100LL 250-949-1932 or 250-956-4444, JA avbl for heli 250-956-2244, other aircraft on a call out basis from 250-956-3333
S	2,4,5
RWY DATA	Rwy 06(063°)/24(243°) 2400x36 asphalt Rwy 11(114°)/29(294°) 3650x75 gravel Thld 11 displ 350´ Thld 29 displ 100´ Rwy 29 down 0.41%
RCR	APM 250-956-4444/949-1932 Ltd win maint
LIGHTING	11-(TE LO), 29(TE LO) ARCAL-122.8 type J
COMM RCO	Pacific rdo (Port Hardy) 123.375 (FISE) 126.7 (bcst) (may not be receivable on the ground)
ATF	UNICOM 122.8 2NM 1800 ASL
CAUTION	Rwy 06/24 15´ lower than Rwy 11/29. 10´ drop-off either side of Rwy 11/29 & Thld 29. Ground rises rgt of Thld 29. 100´ trees 400´ fr Thld 11. Terrain rises rapidly to the W. Ocsl blasting to 5600 ASL 14NM SW aprt.



PORT McNEILL (HOSP) BC (Heli)

CBM9





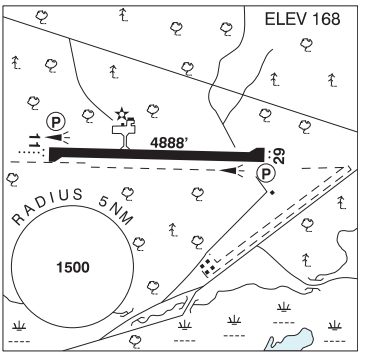
REF	N50 34 54 W127 04 01 Adj SE 17°E (2019) UTC-8(7) Elev 280' A5004
OPR	Island Health 250-949-1542 Cert NVIS OPS AUTH PPR
PF	B-1,4 C-2,3,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)

PORT McNEILL (HOSP) BC (Heli) (Cont'd) CBM9

HELI DATA	FATO 86' dia CONC TLOF 57' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	
ATF	tfc 122.8 3NM 1700 ASL
PRO	Arr/dep curved 046° to 033° fr heli, slope 6% (H3), NVIS rqrd for ngt use (CAR 602.96).
CAUTION	Trees aprx 100' high 100' E of heli. 4' fence under flight path in safety area.

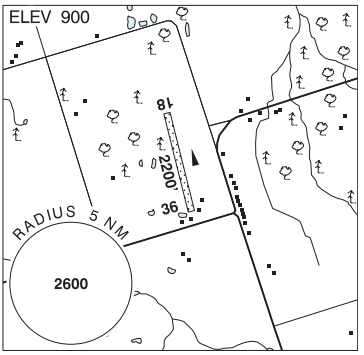
PORT-MENIER QC CYPN

REF	N49 50 11 W64 17 19 2.7E 20°W (2014) UTC-5(4) Elev 168´ A5011 LO7 CAP
OPR	Transports Québec 418-535-0327 or Manager 418-535-0342 (1230-2030Z‡ Mon-Fri), Emerg/MEDEVAC 418-535-0327 Cert
PF	A-1,6 C-2,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 418-535-0056 (see COMM) ALTIMETER/WIND 11-23Z‡ Sun-Fri, ltd hrs Sat (see COMM) WxCam
RWY DATA	Rwy 11(111°)/29(291°) 4888x148 ASPH Rwys 11 & 29 up 0.5% first 1800´
RWY CERT	Rwy 11/29 AGN IIIA
RCR	Opr Snow removal 1100-2130Z‡ Mon-Fri O/T PN 418-535-0427 PLR
LIGHTING	11-AO(TE ME) P2, 29-AS(TE ME) P2 ARCAL-123.5 type K
COMM	
ATF	UNICOM (AU) 11-23Z‡ Sun-Fri, ltd hrs Sat French only 123.5 O/T corridor tfc see PRO section
AUTO	(bil) 122.175
PRO	O/T corridor tfc 123.5 aprx 55NM wide along Jacques Cartier Strait, up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Possibility of deer and bird activity in vic of rwys.



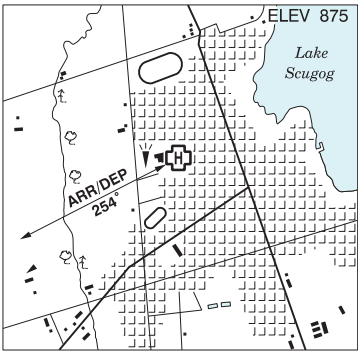
PORT PERRY / HOSKIN ON — CPP3

REF	N44 03 42 W78 53 07 2.5SE 11°W (2013) UTC-5(4) Elev 900´ VTA A5000
OPR	Norm Hoskin 905-242-8920 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **S**	1,4,5
RWY DATA **RCR**	Rwy 18(177°)/36(357°) 2200x60 GRASS Opr No win maint Rwy soft when wet.
COMM **ATF**	tfc 123.2 2NM 3900 ASL
CAUTION	Treeline parallels W side of rwy edge by 40'. Ditch running parallel to both sides of rwy at midfield. Numerous tall trees on apch Rwy 36.



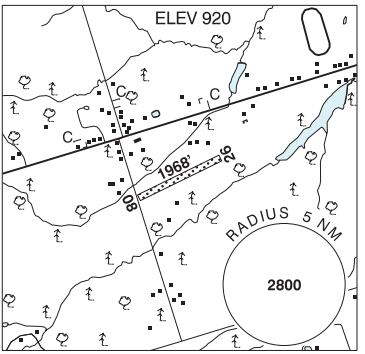
PORT PERRY (LAKERIDGE HEALTH) ON (Heli) — CPX6

REF	N44 06 19 W78 57 17 Adj W 11°W UTC-5(4) Elev 875´ VTA A5000
OPR	Lakeridge Health Port Perry 905-985-7321 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86´ x 86´ ASPH Safety Area 114´ x 114´ Max heli overall length 57.5´ Opr
LIGHTING	DR RY(LO) RF(FL)
COMM **ATF**	tfc 123.2 2NM 3900 ASL excluding Greenbank (CNP8) ATF area
PRO	Arr/dep 254° fr heli, slope 12% (H2) day/night use.
CAUTION	Twr painted & lgtd 1125 ASL 250 AGL 2NM E of aprt at N44 06 43 W78 54 58. Port Perry/Utica Field A/D 3.7NM WSW of heli.



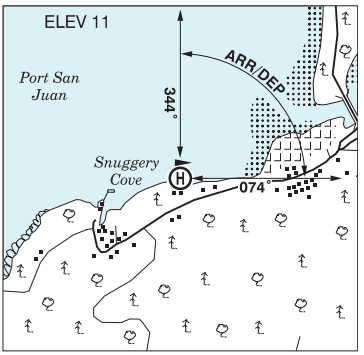
PORT PERRY / UTICA FIELD ON — CUT2

REF	N44 03 58 W79 01 15 4.1WSW 11°W (2016) UTC-5(4) Elev 920' VTA A5000
OPR	Arnold Kerry 905-985-7792 Reg PPR
PF	C-1,2,4 D-3,5,6,7,8
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(075°)/26(255°) 1968x75 GRASS Rwy 08 down 1.68%
RCR	Opr No maint
COMM ATF	tfc 123.2 2NM 4000 ASL excluding Greenbank (CNP8) ATF area



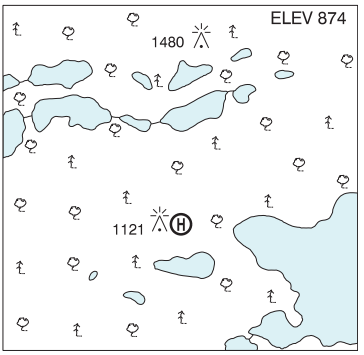
PORT RENFREW (MILL BAY MARINE GROUP) BC (Heli) — CMB9

REF	N48 33 21 W124 24 52 Adj NE 16°E (2017) UTC-8(7) Elev 11' A5004
OPR	Mill Bay Marine Group 250-412-5509 16-01Z‡ Reg PPR
PF	B-1,2 C-3 D-4,5,6,7,8
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
HELI DATA	FATO 79' dia ASPH TLOF 39' dia CONC Safety Area 105' dia Max heli overall length 52.5'
RCR	Opr
COMM ATF	tfc 123.2 5NM 3100 ASL
PRO	Arr/dep btwn 344°-074° fr heli, day use only.
CAUTION	Marine tfc in vic.

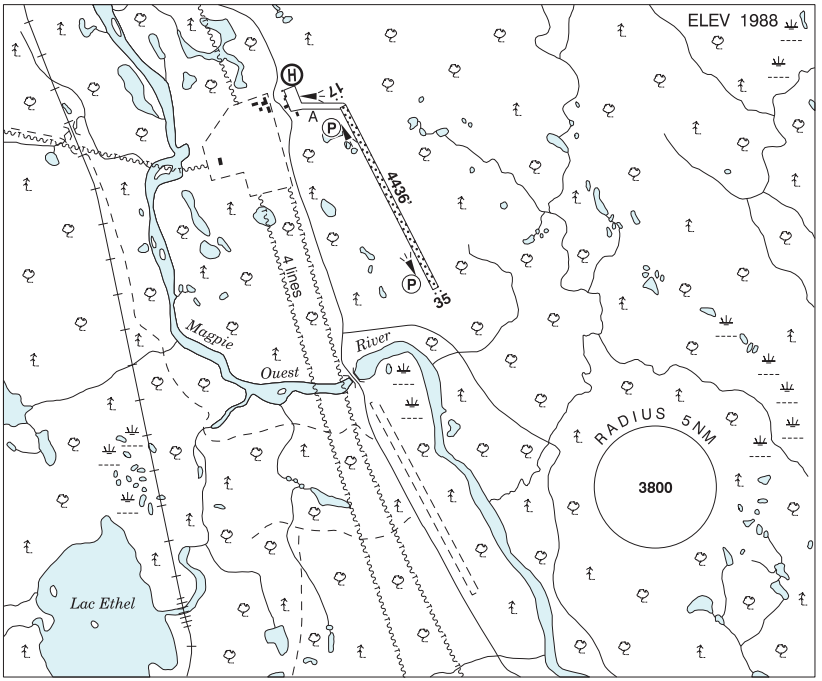


POSTE LEMOYNE (COMPLEX LG-3) QC (Heli) CSY6

REF	N53 28 58 W75 01 53 5E 18°W (2014) UTC-5(4) Elev 874´ A5018 A5019
OPR	Hydro-Québec 819-638-2988 Fax 819-638-2976 Reg PPR
PF	C-1 PN
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	115´ x 115´ Ltd win maint
COMM ATF	tfc 123.2 5NM 3900 ASL



POSTE MONTAGNAIS (MILE 134) QC CSF3



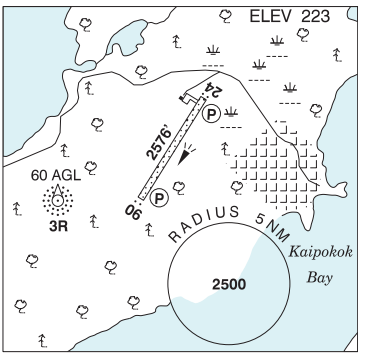
REF	N51 53 17 W65 42 52 20°W (2017) UTC-5(4) Elev 1988' A5010 LO7 CAP
OPR	Hydro-Québec 418-962-5689 Fax 418-964-4307 Reg 48 hrs PPR 12-22Z‡
PF	C-1,2

POSTE MONTAGNAIS (MILE 134) QC (Cont'd) CSF3

FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	PPR charges may be levied for one or more svcs
S	1
RWY DATA	Rwy 17(173°)/35(353°) 4436x98 GRVL AGN II
RCR	Opr Win maint 12-22Z‡ Mon-Fri
LIGHTING	17-AS(TE HI) P2, 35-AS(TE HI) P2 Rwy lgts H24, RIL O/R
COMM	
CLNC DEL	For IFR clnc ctc Montréal ACC at 800-633-1353
ATF	UNICOM (AU) ltd hrs O/T tfc 131.7 5NM 5000 ASL
CAUTION	Possible win maint eqpt on rwy outside unicom ops hrs.

POSTVILLE NL CCD4

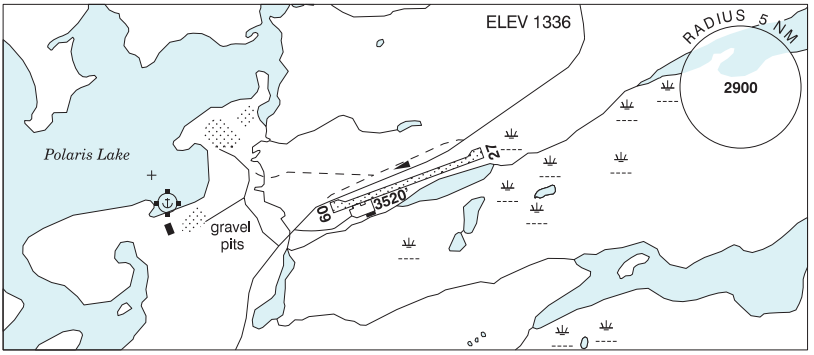
REF	N54 54 37 W59 47 07 Adj 22°W (2016) UTC-4(3) Elev 223´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 06(055°)/24(235°) 2576x75 GRVL Rwy 06 down 1.40%
RWY CERT	Rwy 06/24 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-479-9750/9826
LIGHTING	06-AS(TE ME) AP 4°, 24-AS(TE ME) AP 4° ARCAL-122.8 type K, key mic 7 times for RIL.
COMM	
ATF	tfc 122.8 5NM 3200 ASL See PRO section
NAV	
NDB	3R 366 (L) N54 54 27 W59 47 43 Pvt Unmonitored
PRO	Rgt hand circuits Rwy 24 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.



POURVOIRIE ESCAPADE QC — See RÉSERVOIR GOUIN / POURVOIRIE ESCAPADE

POURVOIRIE MIRAGE QC

CPM3

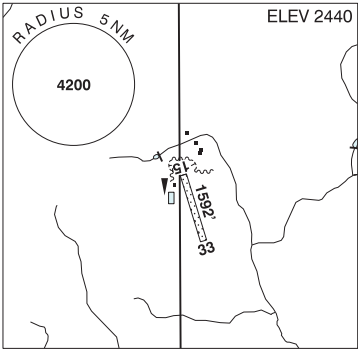


REF	N53 48 09 W72 50 29 19°W (2015) UTC-5(4) Elev 1336' A5019 LO5 CAP
OPR	Pourvoirie Mirage Inc 819-854-5151 Fax 819-854-5154 Reg PPR Ldg fees
PF	C-1,2,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA).
SERVICES	
FUEL	100LL, JA
OIL	W100, 25W60, 15W50, 80, TURBO
S	4, 6
RWY DATA	Rwy 09(085°)/27(265°) 3520x85 gravel/crushed rock AGN IIIA
RCR	Opr Ltd win maint. NORDO vehicle on rwy dur win maint.
COMM	
ATF	tfc 122.85 5NM 4400 ASL
PRO	Rgt hand circuits Rwy 09 (CAR 602.96). Water A/D 0.5NM W. Overfly outfitters 2NM S before ldg if no comm ctc established or if outside regular oprg hrs (13-23Z‡).

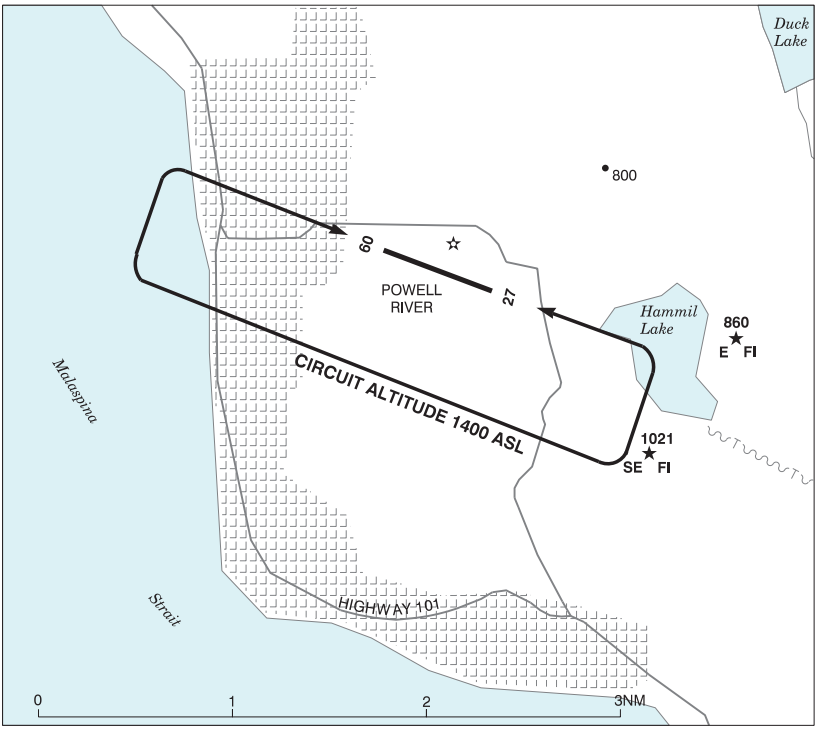
POVERTY VALLEY SK

CPV9

REF	N50 02 20 W107 15 22 11°E (2013) UTC-6 Elev 2440' A5006
OPR	N. Amthor 306-741-3108/3991 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
PF	C-1
RWY DATA	Rwy 15(152°)/33(332°) 1592x30 grass
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 5400 ASL



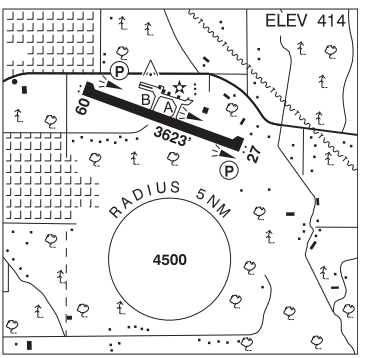
POWELL RIVER VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



POWELL RIVER BC

CYPW

REF	N49 50 03 W124 30 01 Adj E 18°E (2013) UTC-8(7) Elev 414´ A5004 LO2 CAP
OPR	City of Powell River 604-485-6291 15-22Z‡ Mon-Fri exc hols Cert
PF	C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	For IFR clnc ctc Comox Terminal 250-339-8115 before take off.
WX	METAR 15-03Z (DT 13-02Z) O/T LWIS WxCam
SERVICES	
FUEL	100LL avbl 2 hrs PN, call out chg will be levied 604-414-5494
S	4,5

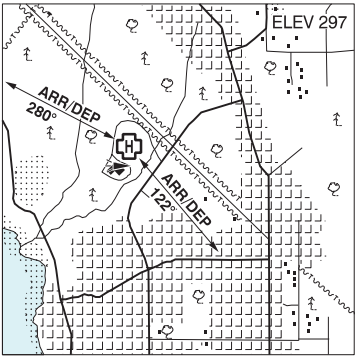


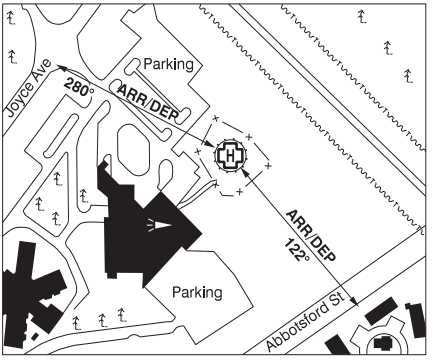
POWELL RIVER BC (Cont'd) CYPW

RWY DATA **RWY CERT** **RCR**	Rwy 09(092°)/27(272°) 3623x148 ASPH Rwy 27 down 1.52% Rwy 09/27 AGN II Maint 604-483-1542 Maint/AMSCR/CRFI avbl 15-22Z‡ Mon-Fri exc hols O/T call out chg may be levied 2hr PN, PLR/PCN
LIGHTING	09-AS(TE ME) P1, 27-AS(TE ME) P1 4° ARCAL-123.0 type K, exc RILS on high setting only. Both PAPI opr cont at medium intensity.
COMM **RCO** **MF** **TML**	 Pacific rdo (Campbell River) 123.55 (FISE) 126.7 (bcst) (May not be receivable on gnd) tfc 123.0 5NM 3400 ASL Comox 123.7 227.6
PRO	Rgt hand circuits Rwy 09 (CAR 602.96). Two hazard bcns 2NM E A/D. Conduct ngt circuits pro W of hazard bcns; see VTPC. For IFR clnc ctc Comox Terminal 250-339-8115 before take off. **PARKING:** No prkg in front of ATB.
CAUTION	Only pilots familiar with terrain should use this aprt dur hrs of darkness. Ngt ops not recommended unless both hazard bcns are oprg. Ocsl parajumps at A/D wknds, daylight hrs. 2 marked power poles to 25´, 500´ W of Thld 09, 170´ N & S of rwy centreline.

POWELL RIVER (HOSP) BC — See POWELL RIVER (QATHET GEN HOSP) Sep 24

POWELL RIVER (QATHET GEN HOSP) BC (Heli) CPW8





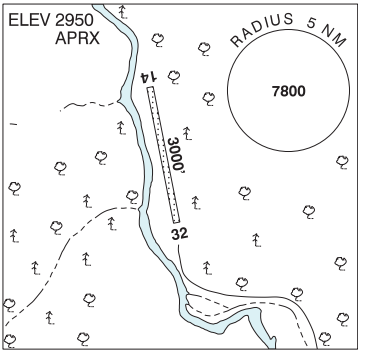
REF	N49 51 05 W124 31 02 17°E (2016) UTC-8(7) Elev 297´ A5004
OPR	Vancouver Coastal Health Authority 604-677-3672 Cert PPR
PF	A-1,2,3,4 C-5,6
FLT PLN **FIC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	RW(LO) green RF(FL)
COMM **MF** **A/G**	 tfc 123.0 5NM centred on Powell River A/D 1.2NM SE 3400 ASL (CAR 602.98) Hosp Security 158.76 FM 3 min PN

POWELL RIVER (QATHET GEN HOSP) BC (Heli) (Cont'd) CPW8

PRO	Arr/dep 122° & 280° fr heli, slope 16% (H2), day/night use (CAR602.96).
CAUTION	P-lines to the N parallel to arr/dep path.

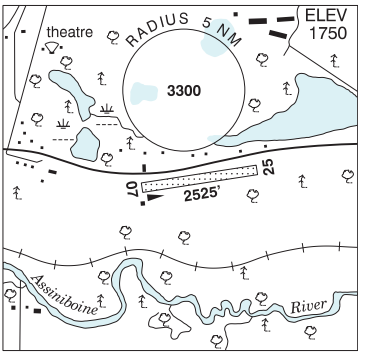
PRAIRIE CREEK NT CBH4

REF	N61 33 53 W124 48 54 19°E (2020) UTC-8(7) Elev 2950´ aprx A5029
OPR	Canadian Zinc Corp 604-688-2001 SATCOM 600-700-2454 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 14/32 3000x100 GRVL
RCR	Opr No maint Clsd 1 Sep-30 Apr
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 6000 ASL



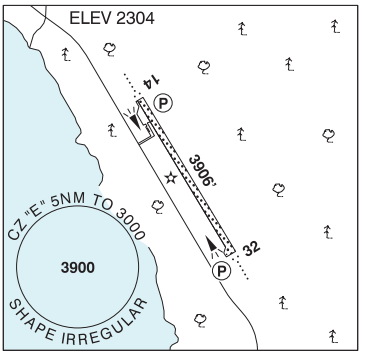
PREECEVILLE SK CJK9

REF	N51 57 W102 39 1SE 8°E (2012) UTC-6 Elev 1750´ A5006
OPR	Town 306-547-2810 Reg
PF	C-1
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(074°)/25(254°) 2525x150 GRASS
RCR	Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 4800 ASL



PRIMROSE AB — CFN6

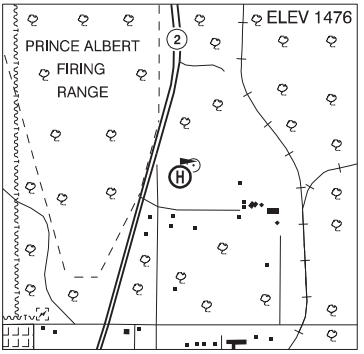
REF	N55 23 26 W111 07 13 14°E (2013) UTC-7(6) Elev 2304′ A5015 LO1 RCAP
OPR	Canadian Natural Resources Ltd 403-386-8615 Reg PPR
PF	B-1
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 403-386-8615 13-07Z‡ (see COMM)
RWY DATA	Rwy 14(135°)/32(315°) 3906x100 GRVL
RCR	Opr



LIGHTING	14-AO(TE ME) P2, 32-AO(TE ME) P2 ARCAL-122.95 type K
COMM	
ATF	UNICOM (AU) 13-07Z‡ O/T tfc 122.95 CZ shape irregular 3000 ASL (see PRO - South Oil Sands Area ATF)
PAL	Edmonton Ctr 134.45 (South Oil Sands)
PRO	South Oil Sands Area ATF 123.025. See Conklin VTPC and Section C– Areas With Discrete Air-To-Air Frequencies.

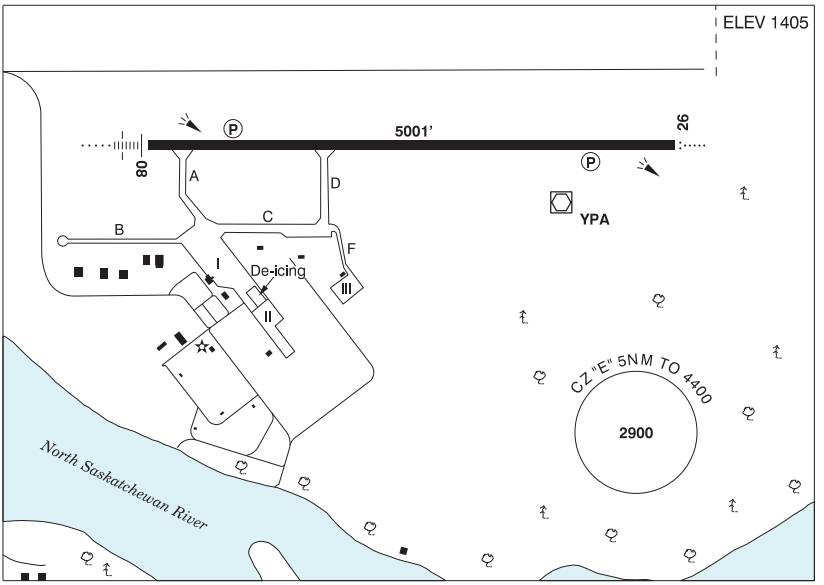
PRINCE ALBERT (FIRE CENTRE) SK (Heli) — CAL6

REF	N53 13 43 W105 45 21 1.8NNW 10°E (2016) UTC-6 Elev 1476' A5015
OPR	Saskatchewan Ministry of Environment Wildfire Management 306-953-3409 Fax 306-953-3413 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
PVT ADV	Fire Control 163.41 FM
HELI DATA	295' x 410' ASPH/CONC
RCR	Opr No win maint



COMM	
MF	rdo 122.3 5NM centered on Prince Albert (Glass Field) A/D 3NM E 4400 ASL (CAR 602.98)

PRINCE ALBERT (GLASS FIELD) SK — CYPA

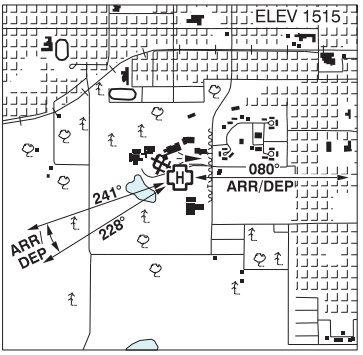


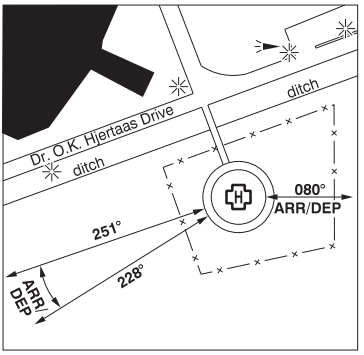
REF	N53 12 52 W105 40 23 1NE 10°E (2012) UTC-6 Elev 1405´ A5015 LO2 HI3 CAP
OPR	City 306-953-4900 12-02Z Mon-Fri May 1- Oct 31, 11-02Z Mon-Fri Nov 1-Apr 30 exc hols Cert Ldg fees
PF	A-1,2,3 avbl H24 7 avbl 12-02Z C-4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	JA-1
S	4,5,6
PVT ADV	Snowbird Aviation Services LP 129.45 306-764-4931 or 306-961-4640 15-24Z Mon-Fri
RWY DATA	Rwy 08(080°)/26(260°) 5001x148 ASPH
RWY CERT	Rwy 08 RVR 1200(1/4sm)/26 RVR 1200(1/4sm) AGN IIIB
TWY CERT	Twy: B, F AGN II Twy: C, D AGN IIIA
TWY	Twy B, F no vehicle control. Twy F day use only.
APRON	Apron I prkg rstd for sked tfc only. Apron III cable tie-down area.
RCR	Opr 11-02Z Mon-Fri Nov 1-Apr 30 ltd win maint Sat, Sun & hols; O/T 2hr PN cost recovery. CRFI, PLR/PCN.
LIGHTING	08-AN(TE HI) P2, 26-AO(TE HI) P2 ARCAL-122.3 type K when FSS clsd.

PRINCE ALBERT (GLASS FIELD) SK (Cont'd) CYPA

COMM	
RADIO	122.3 (V) (emerg only 306-765-8801)
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
MF	rdo 122.3 5NM 4400 ASL (CAR 602.98)
ARR	Winnipeg Ctr 133.9
DEP	Winnipeg Ctr 133.9
NAV	
VOR/DME	PRINCE ALBERT YPA 113.0 Ch 77 N53 12 59 W105 40 00 (1414')
ILS	IPA 110.3 (Rwy 08) RVR LOC reliable only within 10° either side of centreline.
PRO	Reduced Visibility Procedures (RVR less than 2600 to 1200 ft): See CAP Rgt hand circuits Rwy 26 (CAR 602.96). **ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Prince Albert Class E Airspace 12,500' and below.

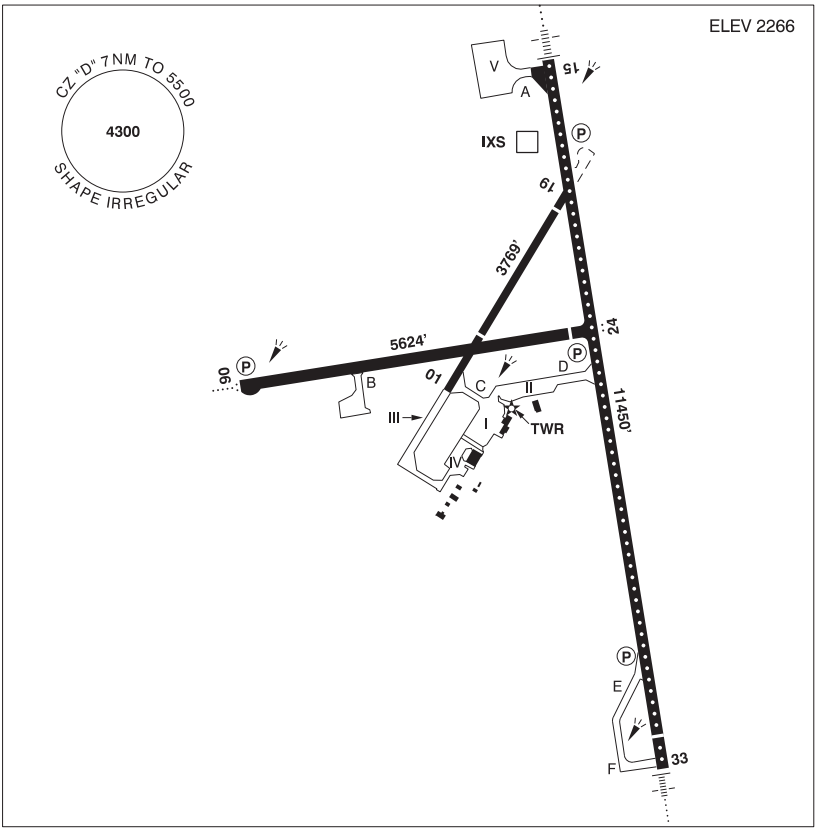
PRINCE ALBERT (VICTORIA HOSP) SK (Heli) CPV3





REF	N53 11 26 W105 47 01 1.3SW 10°E (2016) UTC-6 Elev 1515´ A5015
OPR	Victoria Hospital 306-765-8702 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 82' dia ASPH Safety Area 109' dia Max heli overall length 54.7'
RCR	Opr
COMM	
MF	rdo 122.3 5NM centered on Prince Albert (Glass Field) A/D 4.2NM ENE 4400 ASL (CAR 602.98)
PRO	Arr/dep 080° fr heli, slope 16% (H2), day use only. Arr/dep 228° to 241° fr heli, slope 16% (H2), day use only. NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Day-marked with obst lights lamp posts N and S of heli. Unmarked p-lines 50 AGL aprx 607' E fr heli. Marked comm box aprx 100' NW fr heli

PRINCE GEORGE BC CYXS

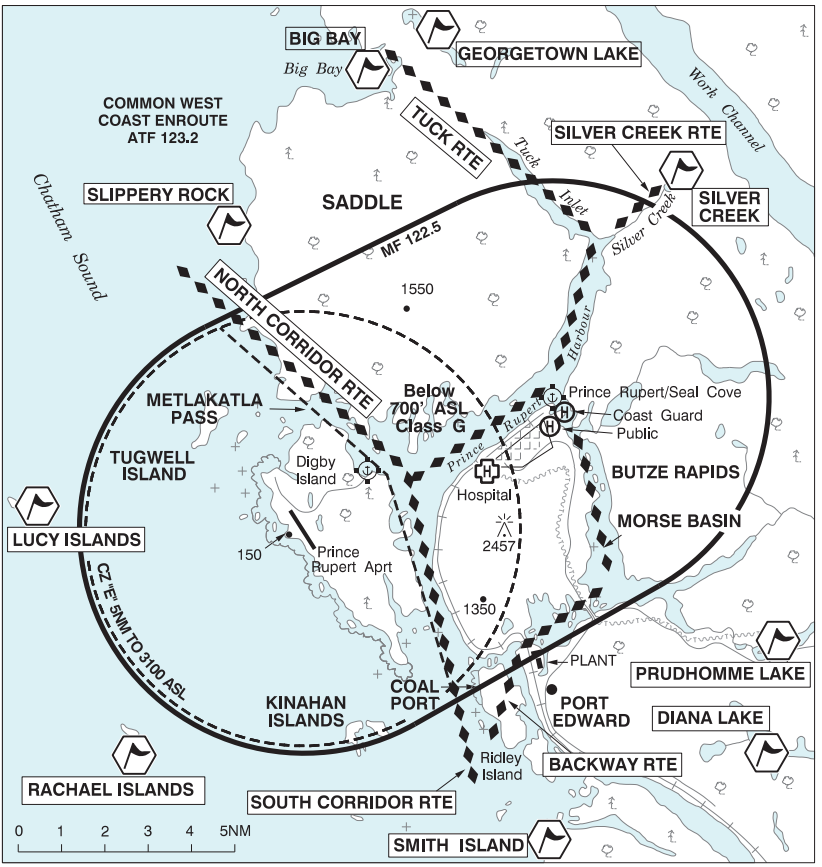


REF	N53 53 03 W122 40 39 2.8SE 18°E (2014) UTC-8(7) Elev 2266´ A5014 LO1 HI3 CAP
OPR	Prince George Airport Authority 250-963-2400 Cert
PF	A-1,2,3,6 C-4,5
CUST	AOE/30 (120 with staged off-loading) 888-226-7277 1630-0030Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM). TAF H24, issue times: 01, 07, 13, 19Z. WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), F-34, JB, HPR
OIL	All
S	1,2,3,4
ARFF	DESIGNATED CAT 7 1400-0730Z‡ sked pax flt only, O/T call out chg, 2 hr PN, aprt clsd to acft 20 seats & abv, exc for diversions or as an altn A/D without PPR.
PVT ADV	Jetmark 129.4 250-961-8124
MIL CON	PetroValue Products Canada Inc. 604-576-0004

PRINCE GEORGE BC (Cont'd) CYXS

RWY DATA	Rwy 15(153°)/33(333°) 11450x150 ASPH Thld 33 displ 500' Rwy 15 down 0.3% Rwy 06(063°)/24(243°) 5624x150 ASPH Thld 24 displ 401´. Rwy 24 up 0.87% Rwy 01(013°)/19(193°) 3769x75 ASPH Thld 01 displ 984´. Thld 19 displ 373´
RWY CERT	Rwy 15 RVR 1200(1/4sm)/Rwy 33 RVR 1200(1/4sm) AGN V Rwy 06/24 AGN IIIB Rwy 01/19 AGN II
TWY CERT	Twy: B AGN IIIB Twy: C, D AGN IV
RCR	Opr 1300-0730Z‡. Rwy 01/19 rstd to 12,500 lbs for ldg & tkof day only. Win maint 1300-0730Z‡ O/T 2hr PN cost recovery. CRFI, PLR/PCN.
LIGHTING	06-AO(TE ME) P2, 24-AS(TE ME) P2, 15-AN(TE HI CL) P3, 33-AN (TE HI CL) P2 PAPI limitation/restriction. PAPI Rwy 24 to be used only within 5NM of thld ARCAL-118.3 type K when twr clsd Rwys 01/19 lit as twy
COMM	
RCO	Williams Lake rdo 118.3 (RAAS) 05-14Z‡ Pacific rdo 123.55 (FISE) 126.7 (bcst)
ATIS	128.725 14-05Z‡
GND	121.9 14-05Z‡
TWR	118.3 (V) 14 -05Z‡ (emerg only 250-963-9177)
MF	Williams Lake rdo 118.3 05-14Z‡ CZ shape irregular 7NM 5500 ASL (CAR 602.98) (emerg only 250-989-4415)
PAL	Vancouver Ctr 133.8
AWOS	128.725 05-14Z‡
NAV	
VOR/DME	YXS 112.3 Ch 70 N53 53 39 W122 27 20 (4076')
DME	IXS 109.5 Ch 32 N53 53 46 W122 40 19 (2260')
ILS	IXS 109.5 (Rwy 15) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwys 19, 24 & 33 (CAR 602.96).
CAUTION	Tall vehicles crossing 910´ N thld Rwy 15. Extv bird activity dur spring & fall. Parajumping activity vic Beaverley A/D 8NM SW to 12,500 ASL by NOTAM, monitor 122.1. Radiosonde balloon launches with an ascent rate of 1000 ft/min daily between the hours of 1115-1345Z & 2315-0145Z. Hi terrain reduces operational length of Rwy 24 PAPI.

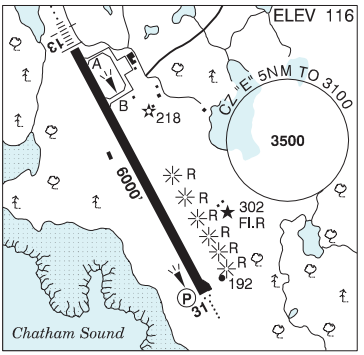
PRINCE RUPERT VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BIG BAY	VCBBY	N54° 27' 24" W130° 23' 30"
DIANA LAKE	VCDIA	N54° 12' 12" W130° 08' 36"
GEORGETOWN LAKE	VCGTN	N54° 28' 30" W130° 21' 48"
LUCY ISLANDS	VCLCY	N54° 18' 24" W130° 37' 30"
PRUDHOMME LAKE	VCPDH	N54° 14' 42" W130° 07' 54"
RACHAEL ISLANDS	VCRCL	N54° 12' 18" W130° 33' 30"
SILVER CREEK	VCSLV	N54° 24' 54" W130° 12' 00"
SLIPPERY ROCK	VCSLP	N54° 23' 54" W130° 29' 48"
SMITH ISLAND	VCSMI	N54° 09' 42" W130° 17' 18"

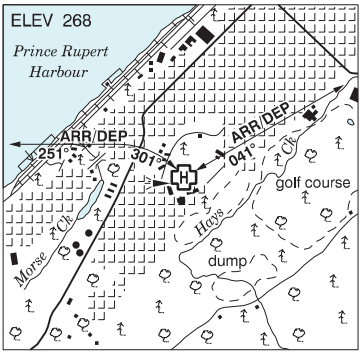
PRINCE RUPERT BC

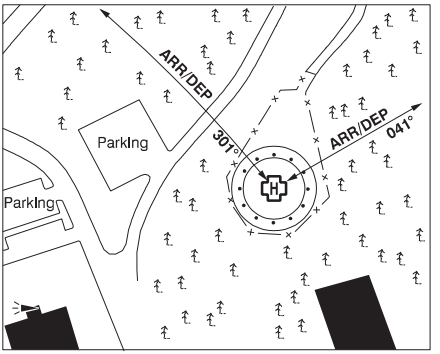
CYPR



REF	N54 17 09 W130 26 41 5WSW 19°E (2013) UTC-8(7) Elev 116´ A5013 LO1 HI2 HI3 CAP
OPR	Prince Rupert Aprt Authority 250-624-6274 17-24Z‡ Cert
PF	A-1,7 C-2,4,5,6 Sked ferry svc to city found online, sked subject to change without ntc.
CUST	AOE/15 888-226-7277
FLT PLN **FIC** **WX**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR AUTO H24 (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam
SERVICES **FUEL**	 JA-1 17-24Z‡, O/T 250-975-1362, call out chg plus cost of water taxi. Hrs subject to change, ctc supplier for current sked 778-645-0401
RWY DATA	Rwy 13(132°)/31(312°) 6000x150 ASPH Rwy 31 down 0.56% first 3531'
RWY CERT	Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN IV
APRON	Apron I: NW apron area for sched acft prkg only. Charter & Gen Avn prkg SE apron area.
RCR	Opr Win maint 17-24Z‡ Nov 1-Mar 31. O/T 4 hrs PN cost recovery. CRFI, PLR/PCN
LIGHTING	13-AN (TE HI), 31-AO (TE HI) P2 ARCAL-122.5 type K
COMM **RCO** **MF** **PAL** **AWOS**	 Pacific rdo 123.275 (FISE) 126.7 (bcst) tfc 122.5 irregular shape see Prince Rupert VTPC 3100 ASL (CAR 602.98) Vancouver Ctr 133.675 128.575
NAV **NDB** **DME** **ILS**	 PR 218 (M) N54 15 48 W130 25 26 IPR 109.7 Ch 34 N54 17 26 W130 27 02 (91´) IPR 109.7 (Rwy 13) LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 13 (CAR 602.96). See VTPC.
CAUTION	High gnd to 295 ASL adj to eastern edge of rwy 1200´ fr centreline. Trees to 100 ASL 300´ W of rwy centreline.

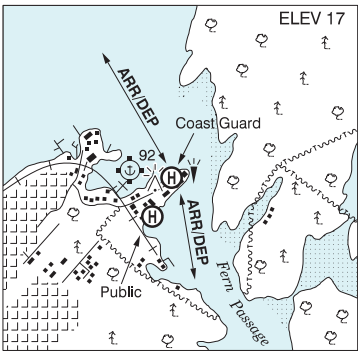
PRINCE RUPERT (HOSP) BC (Heli) CBR8





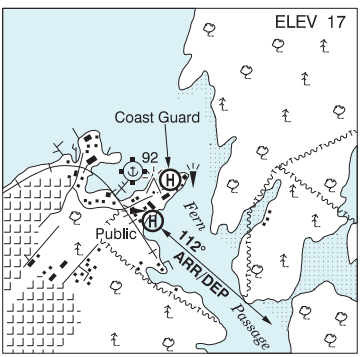
REF	N54 18 19 W130 19 48 Adj 19°E (2013) UTC-8(7) Elev 268´ A5013
OPR	Northern Health Authority 250-622-6262 Cert PPR
PF	B-1,2,4, C-3,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC/ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RW(LO) green ARCAL-123.2 type J
COMM **RCO** **MF**	Pacific rdo 123.275 (FISE) 126.7 (bcst) tfc 122.5 irregular shape see Prince Rupert VTPC 3100 ASL (CAR 602.98)
PRO	Arr/dep 301° to 251° fr heli and 041° fr heli. All slope 8% (H3) day/night use. (CAR 602.96). See Prince Rupert VTPC. ARRIVAL: Rpt by inbd VFR checkpoint on tfc freq and advs routing and destn. Remain on tfc freq until landed. DEPARTURE: Advs obd rte and remain on tfc freq until clear of inbd VFR checkpoints.
CAUTION	Trees to 100 AGL both sides of 045° flight path.

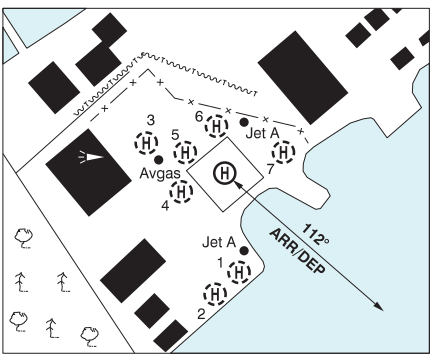
PRINCE RUPERT / SEAL COVE (COAST GUARD) BC (Heli) CBY5



REF	N54 19 54 W130 16 36 Adj NE 19°E (2014) UTC-8(7) Elev 17´ A5013
OPR	Coast Guard 250-624-2086 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
HELI DATA	110´ x 110´ concrete
RCR	Opr
LIGHTING	RY(ME) PN
COMM	
RCO	Pacific rdo 123.275 (FISE) 126.7 (bcst)
MF	tfc 122.5 irregular shape see Prince Rupert VTPC 3100 ASL (CAR 602.98)
PRO	Arr/dep over water. See Prince Rupert VTPC. ARRIVAL: Rpt by inbd VFR checkpoint on tfc freq and advs routing and destn. Remain on tfc freq until landed. DEPARTURE: Advs obd rte and remain on tfc freq until clear of inbd VFR checkpoints.
CAUTION	Extv seaplane tfc adj to heli.

PRINCE RUPERT / SEAL COVE (PUBLIC) BC (Heli) CBF6





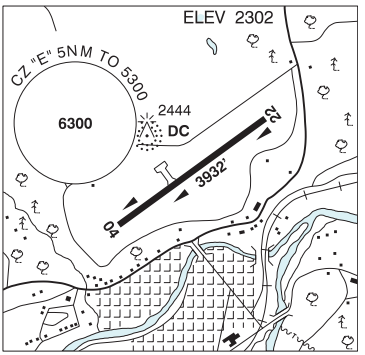
REF	N54 19 47 W130 16 45 Adj NE 19°E (2013) UTC-8(7) Elev 17´ A5013
OPR	Seal Cove Airport Society 250-624-2321 Cert
PF	A-1,3 C-2,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL (TLOF & Parking Pad 3, 4 & 5), JA-1 (TLOF & Parking Pad 1, 6 & 7) 14-02Z‡ O/T & hols call out chg PN 250-624-1737

PRINCE RUPERT / SEAL COVE (PUBLIC) BC (Heli) (Cont'd) CBF6

HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Parking Pad 1: 60' dia CONC/ASPH Max heli overall length 50' Parking Pad 2: 60' dia CONC/ASPH PPR Helijet 250-624-2792 exc MEDEVAC Parking Pad 3,4,5 and 6: 52' dia ASPH Max heli overall length 43' Parking pad 7: 69' dia ASPH Max heli overall length 57.4'
RCR	Opr PN
LIGHTING	FH
COMM	
RCO	Pacific rdo 123.275 (FISE) 126.7 (bcst)
MF	tfc 122.5 irregular shape see Prince Rupert VTPC 3100 ASL (CAR 602.98)
PRO	Arr/dep 112° fr heli, slope 6% (H3) day/night use. See Prince Rupert VTPC. ARRIVAL: Rpt by inbd VFR checkpoint on tfc freq and advs routing and destn. Remain on tfc freq until landed. DEPARTURE: Advs obd rte and remain on tfc freq until clear of inbd VFR checkpoints.
CAUTION	Ext seaplane tfc adj to heli. P-lines adj NE to NW heli 75' AGL.

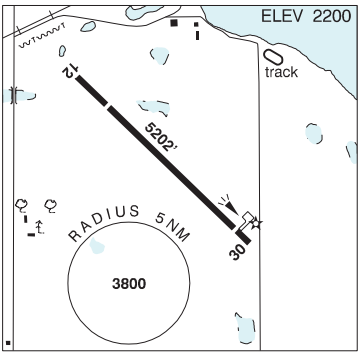
PRINCETON BC CYDC

REF	N49 28 04 W120 30 45 Adj N 16°E (2019) UTC-8(7) Elev 2302´ A5004 LO2 HI3 CAP
OPR	Town 250-295-3135 or 250-273-0095 Reg
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-01Z (DT 13-01Z) O/T LWIS Tml Advsy fcst incl in VFR rte fcst (dur DT only), issue times: 14, 17, 20, 23Z.



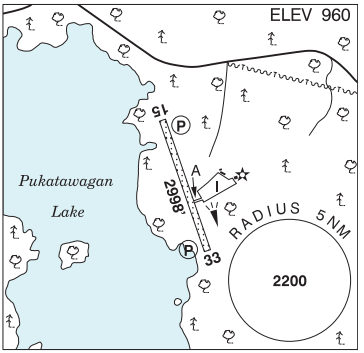
SERVICES	
FUEL	100LL, JA
S	5
RWY DATA	Rwy 04(038°)/22(218°) 3932x75 ASPH AGN II
RCR	Opr Ltd win maint. PLR/PCN
COMM	
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 5300 ASL
PAL	Vancouver Ctr 135.0 351.3
NAV	
NDB	DC 326 (M) N49 28 10 W120 31 00
VOR/DME	YDC 113.9 Ch 86 N49 22 54 W120 22 26 (5335')
PRO	Rgt hand circuits Rwy 04.
CAUTION	5´ ditch 300´ W Thld 04.

PROVOST AB — CEH6



REF	N52 20 15 W110 16 40 1S 13°E (2015) UTC-7(6) Elev 2200´ A5015 LO2 CAP
OPR	Municipal District of Provost 780-753-2434 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL (self-serve, debit/credit cards with 4-digit PIN rqrd)
S	4,5,6
RWY DATA	Rwy 12(121°)/30(301°) 5202x75 ASPH Rwy 30 down 0.44% Thld 12 displ 874´. Thld 30 displ 384´ AGN IIIA
RCR	Opr 1530-2330Z‡ O/T 780-753-2168/2434 Ltd maint
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5200 ASL
CAUTION	Lgtd twr 417 AGL aprx 3.5NM SW A/D.

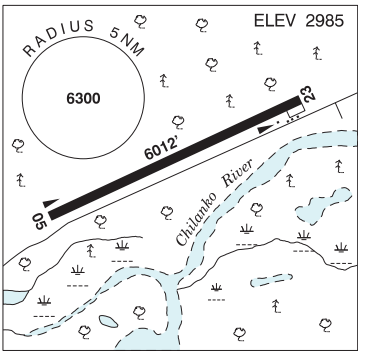
PUKATAWAGAN MB — CZFG



REF	N55 44 57 W101 15 59 2.5E 6°E (2015) UTC-6(5) Elev 960´ A5016 LO1 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-553-2036 Cert
PF	A-1 C-1,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 15(154°)/33(334°) 2998x89 crushed rock Rwy 33 up 0.55%
RWY CERT	Rwy 15/33 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-553-2398 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-553-2036 Rwy soft when wet.
LIGHTING	15-(TE ME) P1, 33-(TE ME) P1 3.5º ARCAL-122.8 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4000 ASL
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

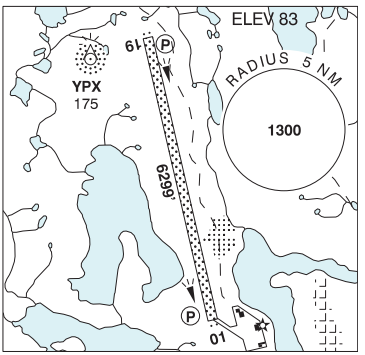
PUNTZI MOUNTAIN BC — CYPU

REF	N52 06 46 W124 08 41 17W 18°E (2014) UTC-8(7) Elev 2985´ A5004 A5014 LO2
OPR	Ministry of Forests, Lands and Natural Resource Operations Provincial Airtanker Centre 250-312-3020 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA	Rwy 05(049°)/23(229°) 6012x200 ASPH
APRON	Rstd to airtanker acft dur fire fighting ops.
RCR	Opr No win maint
COMM	
RCO	Pacific rdo 126.7 (FISE)
ATF	tfc 123.2 5NM 6000 ASL
PAL	Vancouver Ctr 135.05



PUVIRNITUQ QC — CYPX

REF	N60 03 08 W77 17 15 1N 19°W (2021) UTC-5(4) Elev 83´ A5026 A5032 A5033 LO5 HI1 HI2 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	Ctc Opr
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO (see COMM) TAF H24, issue times: 0540, 1140, 1740, 2340Z WxCam
SERVICES	
FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-988-2525 or CELL 819-988-9234 13-22Z‡ Mon-Fri O/T COOP 819-988-2972 svc chg. VISA and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA	Rwy 01(006°)/19(186°) 6299x148 GRVL Rwy 19 down 0.46%
RWY CERT	Rwy 01/19 AGN IIIB
RCR	Opr
LIGHTING	01-AS(TE HI) P2, 19-AS(TE HI) P2 ARCAL-123.5 type K

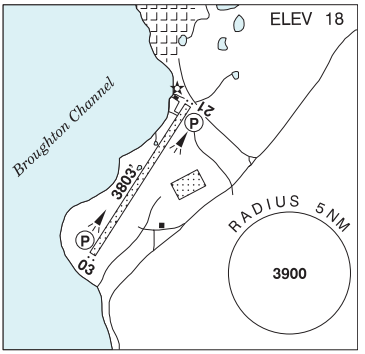


PUVIRNITUQ QC (Cont'd) CYPX

COMM	
RCO	(bil) Québec rdo 123.275 (FISE) 126.7 (bcst)
MF	UNICOM (English only) ltd hrs O/T tfc 123.5 15NM 3100 ASL (CAR 602.98)
PAL	Montréal Ctr 132.275
UNICOM	123.5 (V) 1230-0830Z‡
AWOS	128.65 (English) 120.45 (French)
NAV	
NDB	YPX 338 (M) N60 03 30 W77 17 51
DME	YPX 113.5 Ch 82 N60 03 32 W77 17 48 (129´)
CAUTION	Graded area non-standard dimension. Permafrost ventilation pipes within rwy strip. Rough terrain NE of Rwy 01/19. Possibility of caribou on rwy May-Nov.

QIKIQTARJUAQ NU CYVM

REF	N67 32 48 W64 01 54 30°W (2022) UTC-5(4) Elev 18´ A5039 LO9 HI1 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 CARS ops hrs O/T PN C-2,4,5
FLT PLN **FIC** **CARS** **WX**	 Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) 867-927-8792 ltd hrs (see COMM) METAR dur CARS hrs O/T METAR AUTO (see COMM) TAF H24, issue times: 01, 07, 13, 19Z WxCam

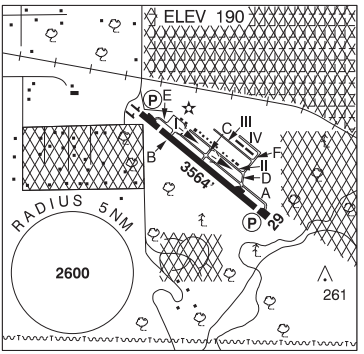


SERVICES **FUEL**	 JA-1 867-927-8061 or Fax 867-927-8044 14-01Z‡ Mon-Fri exc hols O/T PN 867-927-8736, call out chg. Credit cards accepted. Credit by prior arng 867-645-8400, allow 7 working days
RWY DATA **RWY CERT** **RCR**	Rwy 03(033°T)/21(213°T) 3803x100 GRVL Rwy 03/21 AGN IIIA Maint contractor 867-927-8744/8832. A/D maint avbl 13-22‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	03-AS(TE ME) AP, 21-AS(TE ME) AP ARCAL-122.1 type K Rising terrain penetrates APAPI approach slope aprx 1.5NM from thlds Rwy 03 & Rwy 21. (see CAUTION)
COMM **MF** **APRT RDO** **AWOS**	 aprt rdo ltd hrs O/T tfc 122.1 5NM 3000 ASL (CAR 602.98) Broughton 122.1 (V) 11-21Z‡ Mon & Wed; 13-23Z‡ Tue; 14-23Z‡ Thu; 13-22Z‡ Fri & Sat; 11-18Z‡ Sun 122.550
NAV **NDB**	 BROUGHTON YJI 237 (M) N67 33 44 W64 01 06 Unmonitored when CARS clsd.
CAUTION	NW edge of Northern apron bordered by water. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). High ground penetrates take-off & approach slopes aprx 1.5NM from each end of rwy. Extv migratory bird activity May-Oct.

QUALICUM BEACH BC

CAT4

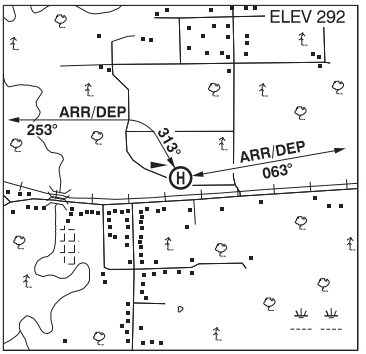
REF	N49 20 14 W124 23 38 2.1E 17°E (2013) UTC-8(7) Elev 190´ A5004 LO2 HI3 CAP
OPR	Town 250-752-6921 1630-2300Z‡ exc hol Cert
PF	A-1,2 ATB ltd hrs ctc opr C-3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	For IFR clnc ctc Comox Terminal 250-339-8115 before take off. IFR tng flts PPR Vancouver 604-586-4592 or 800-668-1333.



SERVICES	
FUEL	100LL, JA
S	2 15-24Z‡ Mon-Fri, 4, 5
RWY DATA	Rwy 11(111°)/29(291°) 3564x75 ASPH Thld 11 displ 485´ Thld 29 displ 251'. Rwy 11 down 76%
RWY CERT	Rwy 11/29 AGN I
TWY	Twy F: Pvt
APRON	Apron III, IV: Pvt
RCR	Opr Ltd win maint
LIGHTING	11-(TE ME) P1 4.5°, 29-(TE ME) P1 4.5° ARCAL-122.8 type K
COMM	
MF	tfc 122.8 5NM 3200 ASL (CAR 602.98)
TML	Comox 123.7 227.6
PRO	Rgt hand circuits rwy 11 (CAR 602.96) For IFR clnc ctc Comox tml 250-339-8115, 10 min prior to dep. Avoid overflight of noise sensitive areas at less than 1000 AGL, see sketch. Night restrictions (btwn 06-14Z‡): Medevac only, or PPR. Night circuit height 1400 ASL. Night ops prohibited when PAPI u/s.
HELI	All Turbine Heli: Cont circuits proh unless appr by APM. -VFR Arr/dep flt over noise sensitive areas (depicted on chart) blw 1000' not permitted.
NOISE	**NOISE ABATEMENT PROCEDURES (pursuant to CAR 602.105):** These procedures apply to acft operating under VFR dur wx conds of 2 or more miles vis or better. **Arr:** Landing acft to be established on or S of extended rwy centerline within 2NM of rwy thld. **Dep:** Acft track extended rwy centerline, no turns N BLW 1000 ASL (800 AGL) within 2NM of rwy end. No alt restriction on turns to S.
CAUTION	100´ trees aprx 3000´ fr Thld 29. Only pilots familiar with lcl terrain should use this A/D dur hrs of darkness. Parachuting aprx 7NM ESE A/D fr 12,500 ASL.

QUALICUM BEACH (AEROSMITH HELI SERVICE) BC (Heli) CAS5

REF	N49 18 25 W124 24 48 2.2S 17°E (2014) UTC-8(7) Elev 292´ A5004
OPR	Aerosmith Heli Service 250-954-0668 Reg PPR
PF	A-1 D-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 85' x 56' CONC Safety Area 85' x 220' Opr 250-443-1678 15-04Z‡



COMM ATF	tfc 122.8 5NM centered on Qualicum Beach A/D 1.9NM NE 3200 ASL
PRO	Arr/dep 063° fr heli, day use only. Arr/dep 313° curved to 253° fr heli, day use only. Avoid over-flying built-up area on arr/dep.
CAUTION	150 AGL trees WNW adj to Heli.

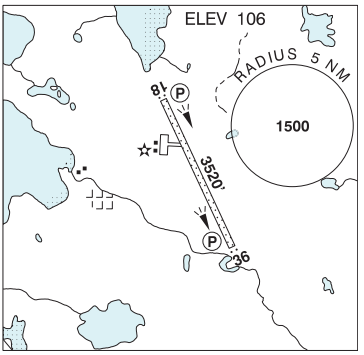
QUAMICHAN LAKE (RAVEN FIELD) BC CML2

REF	N48 48 43 W123 39 02 2.7NNE 17°E (2013) UTC-8(7) Elev 130´ VTA A5004
OPR	John Howroyd 250-889-5770 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16/34 1800x75 grass Rwy 34 up 5.5% Soft in winter Opr 15-04Z‡ No win maint.
COMM ATF	tfc 122.8 2NM 3200 ASL
PRO	Land Rwy 34, depart Rwy 16, remain over lake until 1500 ASL. Do not descend below 1500 ASL until over lake, fly downwind minimum of 1/2 mile W of rwy.
CAUTION	Seaplane activity on lake.

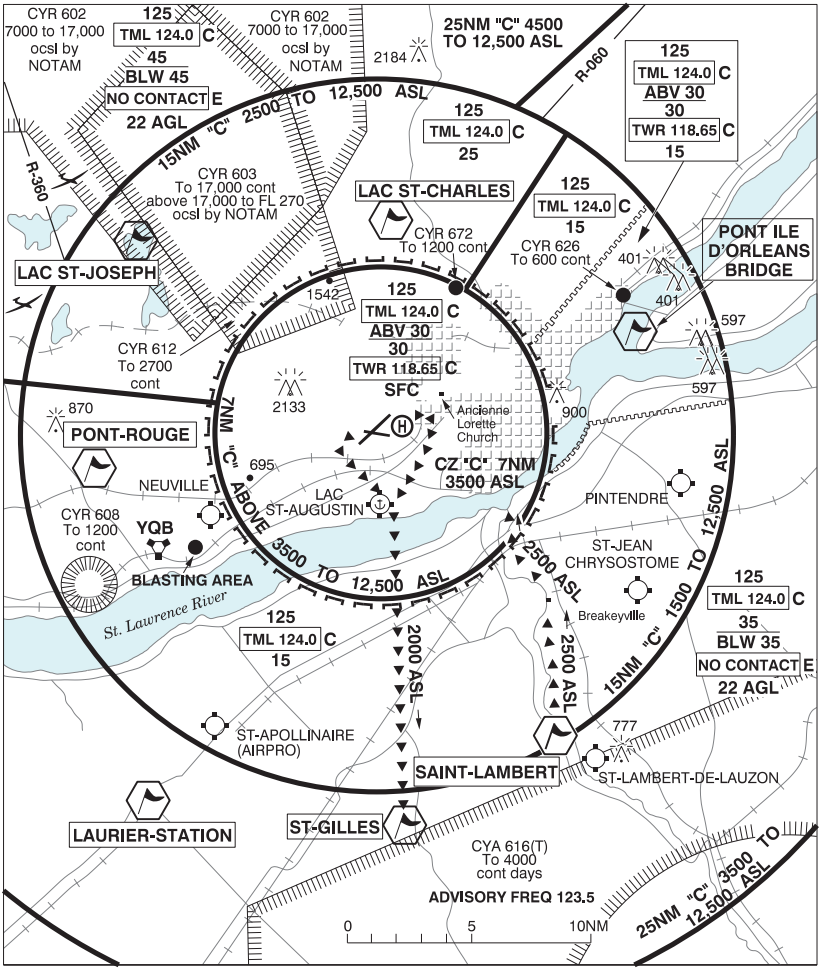
QUAQTAQ QC

CYHA

REF	N61 02 47 W69 37 04 24°W (2019) UTC-5(4) Elev 106´ A5033 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-492-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue time: 15Z‡.
RWY DATA	Rwy 18(179°)/36(359°) 3520x100 GRVL Rwy 18 up 1.3% first 820´
RWY CERT	Rwy 18/36 AGN IIIA
RCR	Opr PLR/PCN
LIGHTING	18-AS(TE ME) P2, 36-AS(TE ME) P2 ARCAL-122.1 type K, RIL lctd 20' outside of rwy edge.
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3200 ASL (CAR 602.98)
PAL	Montréal Ctr 128.25
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	Birds activity at garbage dump, located aprx 800´ NE of Thld 18.



QUÉBEC VFR TERMINAL PROCEDURES CHART

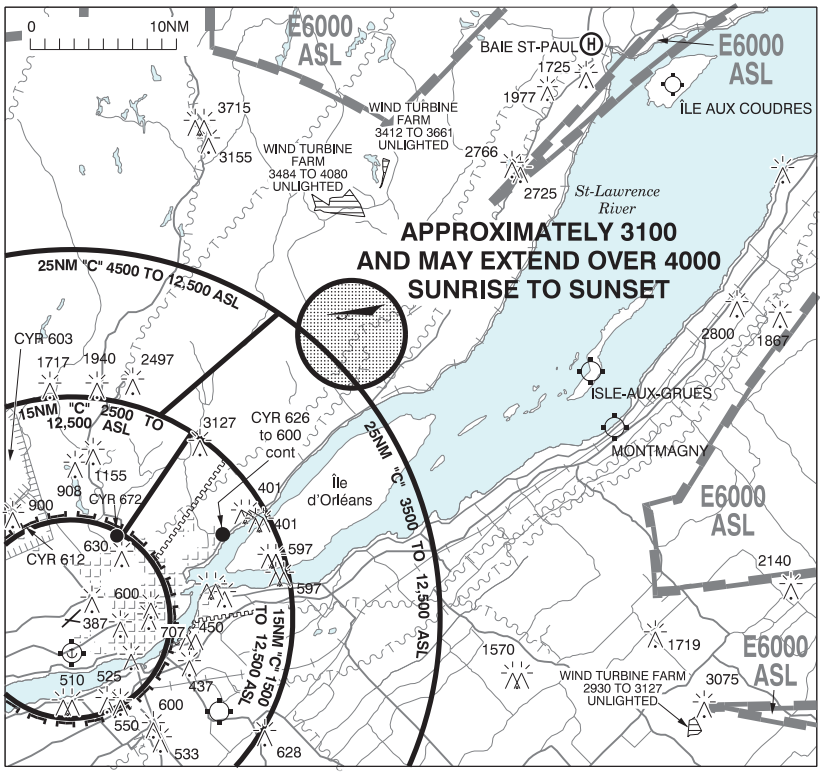


NAME	IDENT	LAT/LONG
LAC ST-CHARLES	VCLSC	N46° 56' 00" W071° 23' 00"
LAC ST-JOSEPH	VCLSJ	N46° 55' 00" W071° 38' 38"
LAURIER-STATION	VCLST	N46° 32' 21" W071° 37' 57"
PONT ILE D'ORLEANS BRIDGE	VCTMN	N46° 52' 45" W071° 08' 00"
PONT-ROUGE	VCRED	N46° 45' 00" W071° 42' 00"
SAINT-LAMBERT	VCLAM	N46° 35' 00" W071° 12' 28"
ST-GILLES	VCGLS	N46° 30' 30" W071° 21' 58"

QUÉBEC VFR TERMINAL PROCEDURES CHART (Cont'd)

VFR FLIGHTS IN QUEBEC JEAN LESAGE CLASS C AND TERMINAL CLASS C AIRSPACE.
In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a procedure is available allowing VFR aircraft to obtain a transponder code prior to take off. This mandatory procedure applies to VFR aircraft that did not file a flight plan or flight itinerary with Nav Canada and wishing to penetrate or operate in the Quebec Jean Lesage class C CZ and TCA. All acft not respecting mandatory transponder code procedure will not be accepted in Quebec Jean Lesage class C CZ and TCA.
To obtain a transponder code:
A discrete transponder code shall be obtained at least 30 minutes prior to the flight taking off toward Quebec Jean Lesage class C CZ and TCA, by contacting the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, and providing ATC with flight information. Aircraft departing CYUL, CYJN, CYHU, CYOW, CYMX or CYND will obtain their transponder code from the Control Tower or FSS.
Flight procedure:
1. Set your transponder to the assigned code prior to your first communication with ATC.
2. To the extent possible, ctc ATC at least 5NM prior to entering Quebec Jean Lesage class C CZ and TCA.

QUÉBEC VFR TERMINAL PROCEDURES CHART - PARAGLIDING OPERATIONS

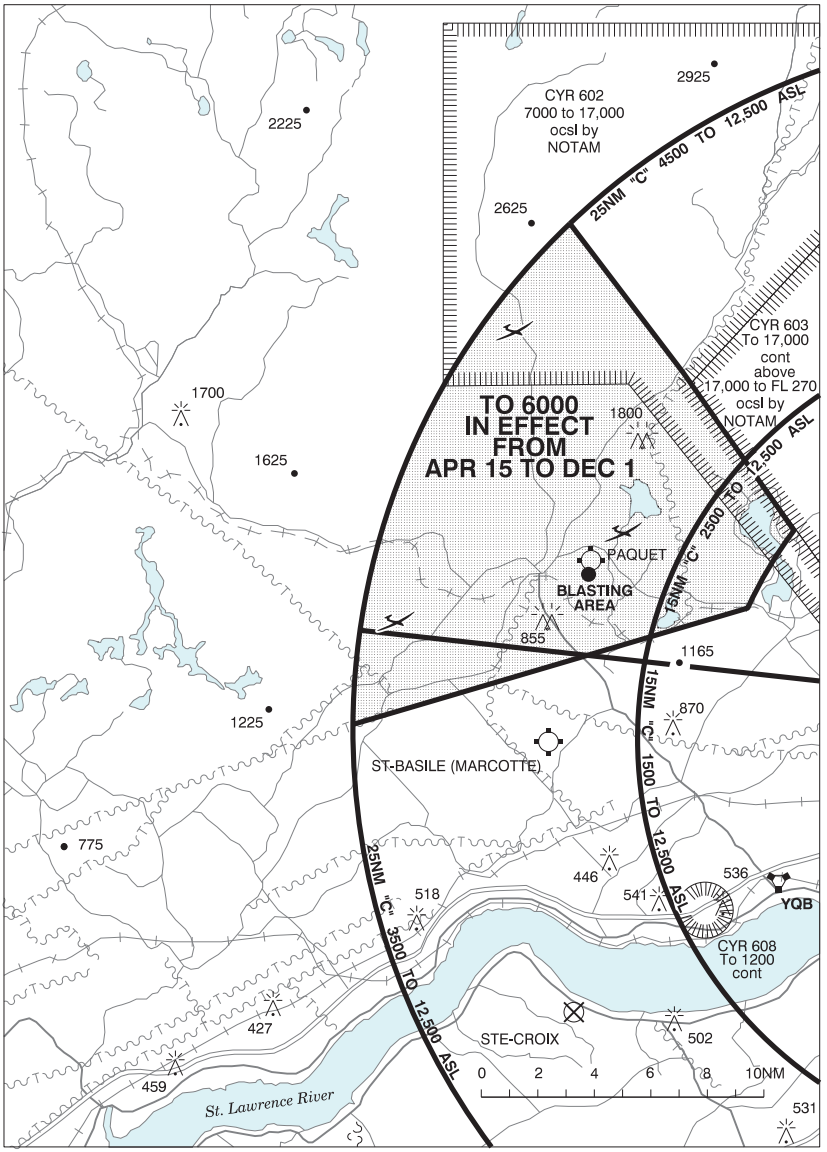


PARAGLIDING OPERATIONS

Paragliding takeoffs are engaged from the top of Mont-Ste-Anne from sunrise to sunset. The operating zone for paraglider training extends up to approximately 3100 ASL, and may extend over 4000 ASL for accredited paragliders, within a 3NM radius excluding the Québec class C Terminal airspace.

The density of traffic is increased by paragliding activities, the proximity of airways and VFR routes, as well as local tourist flights, and consequently, pilots flying in this vicinity should be extremely cautious. Comments regarding this subject can be directed to Transport Canada at 514-633-3240.

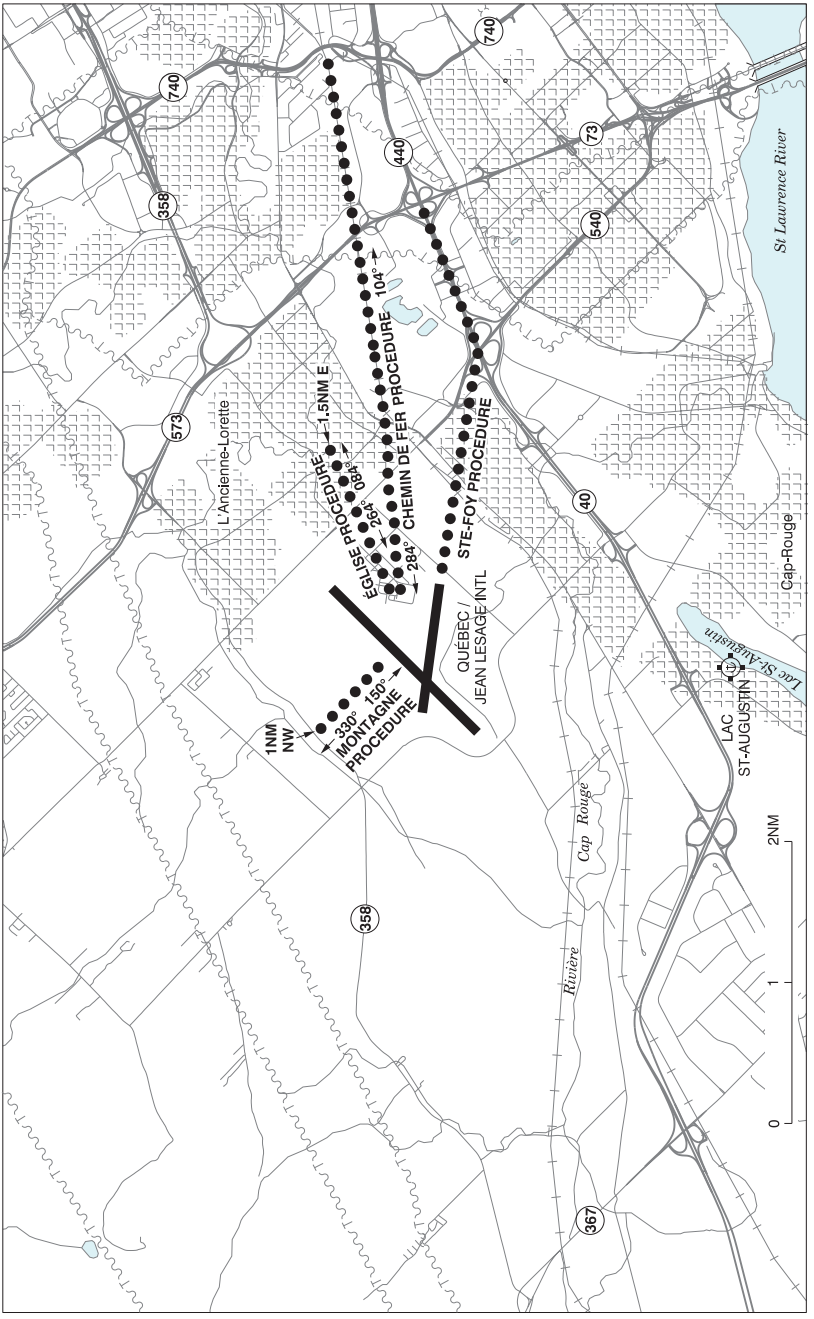
QUÉBEC VFR TERMINAL PROCEDURES CHART - GLIDER OPERATIONS



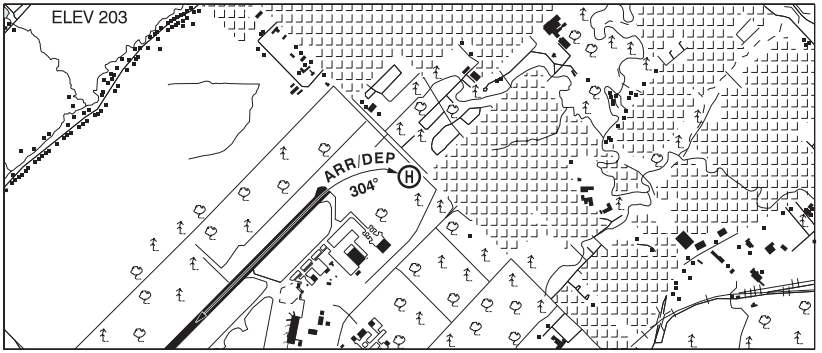
GLIDER OPERATIONS

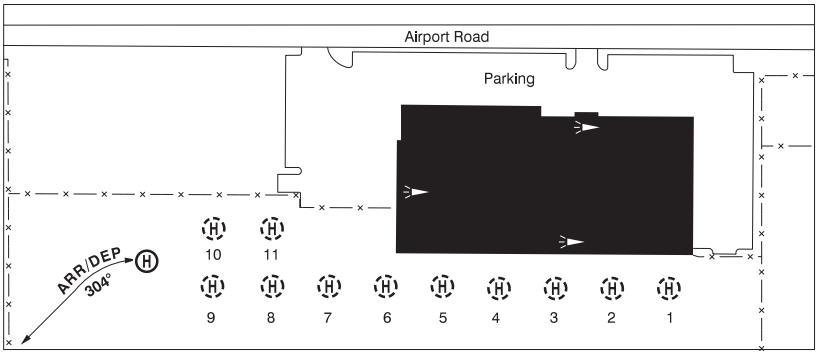
Glider ops will occur in the region depicted above, from Apr 15 to Dec 1, fr the sfc up to 6000 ASL inclusively. Ctc Québec tml (freq 124.0) to inquire about the status of this area in class C airspace.

QUÉBEC HELI VFR TERMINAL PROCEDURES CHART



QUÉBEC / CAPITALE HÉLICOPTÈRE QC (Heli) CCH7





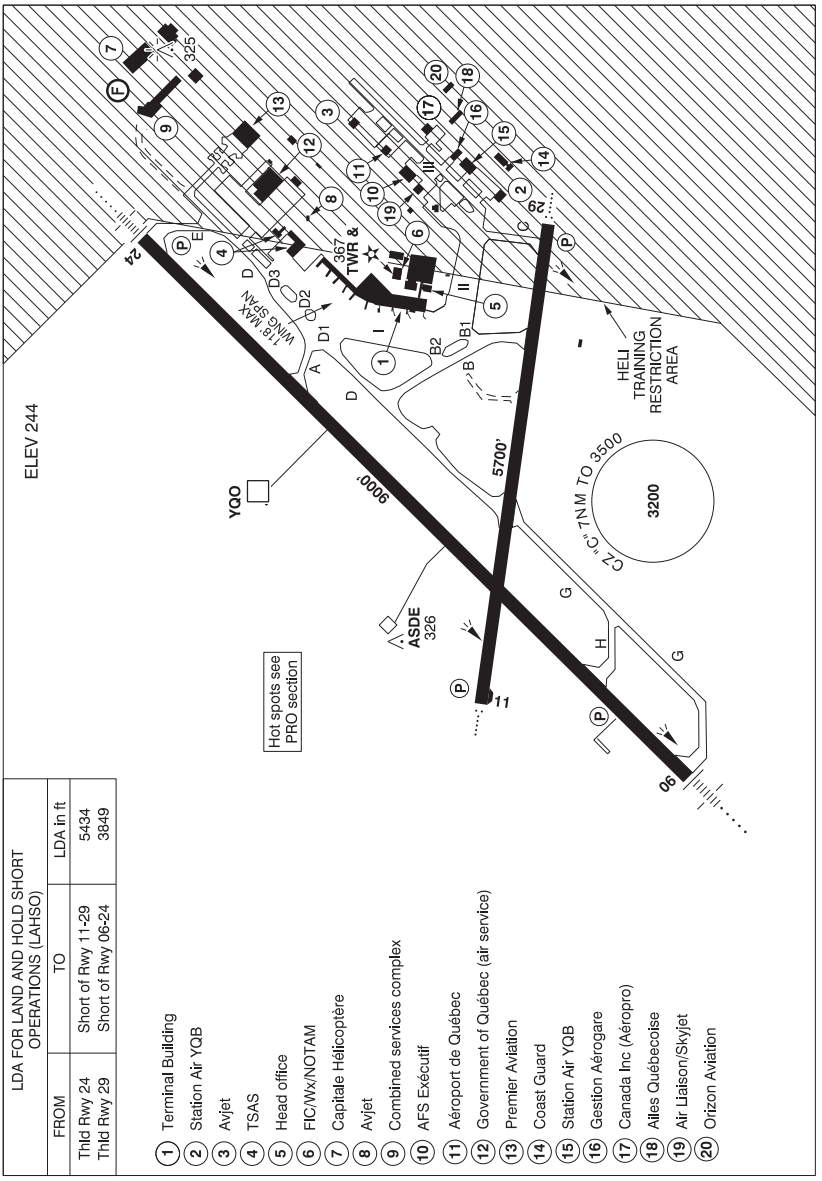
REF	N46 48 03 W71 22 27 6WSW 16°W (2013) UTC-5(4) Elev 203' A5002
OPR	Centre d'Affaires Capital Hélipro Inc. 418-871-4466 Fax 418-871-7170 Cert 24hr PN
PF	A-1,2,7 C-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) or 418-871-8678
SERVICES	12-22Z‡ O/T call out chg may apply, clsd Dec 25 and Jan 1
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,6
HELI DATA	FATO/TLOF 64' dia ASPH Safety Area 85' dia Max heli overall length 43' 11 parking pads 51' dia ASPH
RCR	Opr
LIGHTING	RF(FH)
COMM	
ATIS	(English) 134.6 418-871-6893; (French) 128.3 418-871-6895
GND	Québec 121.9
TWR	Québec 118.65
TML	Québec 124.0 VFR

QUÉBEC / CAPITALE HÉLICOPTÈRE QC (Heli) (Cont'd) CCH7

PRO	Arr/dep curved flt path 304° fr heli to CYQB Thld 24, unless otherwise instructed by Québec TWR, slope 6% (H3) day/night use. All heli must ctc Québec gnd con prior to dep fr FATO and Québec TWR when ready for tkof. Activate transponder "altitude" mode when outbound only.
CAUTION	Unlgtd P-line 670' S of FATO 247' ASL (42 AGL). Lgtd twr 787' ESE of FATO 312' ASL (102 AGL).

QUÉBEC / JEAN LESAGE INTL QC

CYQB



REF	N46 47 28 W71 23 36 6WSW 16°W (2013) UTC-5(4) Elev 244´ A5002 LO6 LO7 LO8 HI5 HI6 T2 CAP OC
OPR	Aéroport de Québec Inc 418-640-0707 H24 Cert Mil (Mil PN 72 hrs)
PF	A-2,3,6 10-05Z‡ A-1 C-4,5

QUÉBEC / JEAN LESAGE INTL QC (Cont'd) CYQB

CUST	AOE 888-226-7277 H24 Dec 1-Apr 30, 13-05Z‡ May 1-Nov 30
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) or 418-871-8678
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1
OIL	All
S	1,2,4,5,6
ARFF	DESIGNATED CAT 7
SUP FL	D & A-ice
JASU	Elect Start 10/15
PVT ADV	Avjet 123.0/122.95 10-02Z‡ 418-871-1958; TSAS 122.9 10-03Z‡ Mon-Fri, 1000-0230Z‡ Sat-Sun 418-877-6708, 888-592-3835; Services Aériens du Québec ctc dispatch 129.625 prior to arr and dep 20 min PPR; Air Liaison/Skyjet 129.17 11-15Z‡ 2030-2300Z‡ Mon-Fri 418-872-0999; AFS Exécutif 122.475 10-02Z‡ 418-877-4419; Les Ailes Québécoises Inc. 129.85; Lux FBO 122.825 10-03Z‡ 418-649-8999
MIL CON	Avjet Distributions Inc. 418-871-1958
RWY DATA	Rwy 06(061°)/24(241°) 9000x150 ASPH Rwy 24 up 0.3% Rwy 11(114°)/29(294°) 5700x150 ASPH
RWY CERT	Rwy 06 RVR 1200(1/4sm)/Rwy 24 RVR 1200(1/4sm) AGN V Rwy 11/29 AGN IIIB
TWY CERT	Twy: A, H AGN IV Twy C AGN IIIB
APRON	Apron I: Btwn stand 33-37 rstd to taxiing acft with wingspan less than 118'. Apron II and III rstd to taxiing acft with wingspan less than 118'. Acft with wingspan 118' or greater must be towed. No parking on apron III. Parking proh without perms 418-640-0707.
RCR	Opr 13-21Z‡ Mon-Fri May 1-Oct 31, H24 Nov 1-Apr 30. CRFI, PLR/PCN
LIGHTING	06-AN(TE HI) P3, 24-AN(TE HI) P3, 11-AO(TE ME) P2 offset 12° to the S, 29-AO(TE ME) P2
COMM	(bil)
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst)
ATIS	(English) 134.6 418-871-6893; (French) 128.3 418-871-6895
GND	Québec 121.9 250.0
TWR	Québec 118.65 236.6 (E) (emerg only 418-871-7691)
TML	Québec 124.0 VFR 127.85 IFR 322.8
PAL	Montréal Ctr 135.025 270.9
NAV	
VORTAC	YQB 112.8 Ch 75 N46 42 19 W71 37 35 (221')
DME	YQO 113.2 Ch 79 N46 47 49 W71 23 34 (312')
ILS	IQB 109.5 (Rwy 06) RVR LOC reliable only within 10° either side of centreline.

QUÉBEC / JEAN LESAGE INTL QC (Cont'd) CYQB

PRO

Reservation required for touch and go 24h prior ctc 800-633-1353. Above 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turns on any rwy without perms 418-640-0707.
Tng Flts dep aprt to CYA616T as per VTPC to cross St-Augustin at 2000 ASL & maintain until St-Gilles checkpoint. Arr ctc tml leaving CYA616T & continue as per VTPC
St-Lambert (town) checkpoint enter CZ 2500 ASL.
Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
Paragliding: Paragliding activities in the region of Mont-Ste-Anne refer to QUÉBEC VTPC - GLIDER OPERATIONS.
Circuits: Rgt hand circuit Rwy 24 (CAR 602.96).
REDUCED VISIBILITY PROCEDURES (RVR less than 2600 to 1200 ft)
Reduced Visibility operations - 24 hours

Reduced Visibility Operations on Rwy 06-24: these are operations when reported visibility is less than RVR 2600 feet or ½ statute mile and greater than or equal to RVR 1200 feet or ¼ statute mile, per advisory circular CI 302-001.

Low visibility operations (LVOP) (below RVR 1200') are not permitted.

QUÉBEC / JEAN LESAGE INTL QC (Cont'd) CYQB

PRO (Cont'd)

DEPARTURES & ARRIVALS

"Follow-me" car

A Follow-me car will be available at all times, under any circumstances, upon a pilot's request. This service is available for one aircraft at a time based on first come, first served principles; some exceptions may apply.

During RVOP conditions, run-ups and towing will not be authorized on the maneuvering areas. Furthermore, vehicle access to the maneuver area during reduced visibility operations is restricted to essential operational functions only.

Operation Terms

20 minutes prior to a flight's departure or arrival, the pilot shall contact Nav Canada's ground controller to request a "Follow-me" car escort for taxiing on the manoeuvring area.

The pilot shall provide the following information:
- Exact position on the airfield (gate or FBO);
- Type of aircraft and airline;
- Flight departure time (if available);
- Runway used for take-off;

The "Follow-me" car will position itself 30m in front of the aircraft. Hazard lights will be activated when ready for taxiing and for the duration of the escort procedure.

Upon receiving authorization to proceed, the "Follow-me" car will follow the guide lines at no more than 30kph (16 knots) up to the desired destination.

Night Only: When reported visibility is less than RVR 1800 or 3/8 SM, a "Follow-me" car is mandatory per advisory circular AC 302-004.

DEPARTURE: Dep within CZ outside of QUÉBEC / JEAN LESAGE INTL aprt bdry, ctc Québec gnd prior tkof. If unable, call Québec twr at 418-871-7814.

RUNWAY LEVEL OF SERVICE
Rwy 06 RVR 1200
Rwy 24 (1/4 sm)

Preferential rwy: Anticipate Rwy 06/24 in crosswinds up to 25 kt at 090° instead of Rwy 11.

NOISE:
Unless otherwise instructed by ATC, all helicopters climbing over populated areas to have best rate of climb and avoid low flying over populated areas.

QUÉBEC / JEAN LESAGE INTL QC (Cont'd) CYQB

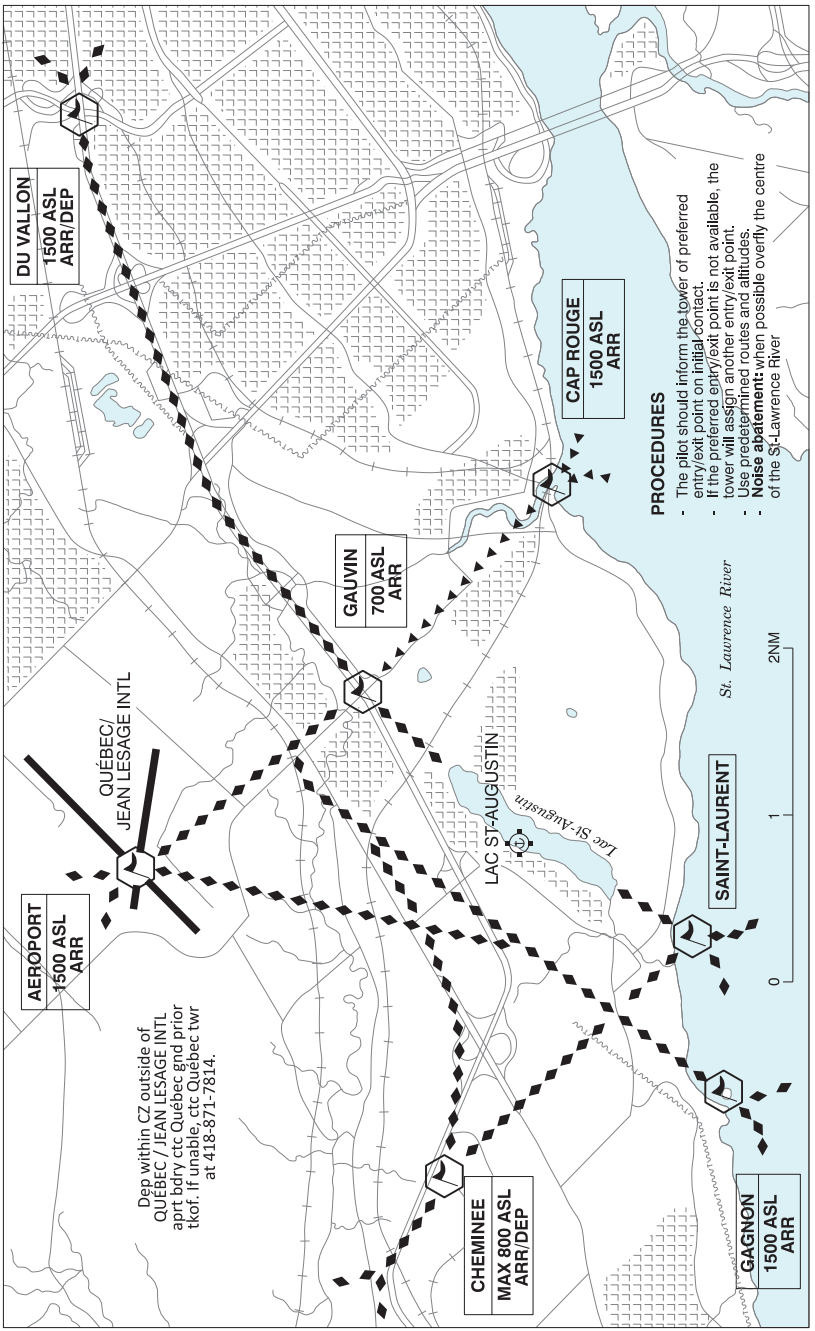
PRO (Cont'd)	**ATC:** IFR Clnc Acknowledgement: IFR clnc read back with Québec Twr gnd shall include acft call sign, assigned SID name and transponder code.
HELI	All heli must ctc Ground Ctl. Avoid overflying north shore of Lac St-Augustin. ROUTES: (See Québec Heli VTPC) -Église: For arr & dep via Église, proceed to a point 1.5NM E, heading 264°/084°. -Montagne: For arr & dep via Montagne, proceed to a point 1NM NW, heading 150°/330° not above 750 ASL. -Chemin de fer: For dep via Chemin de fer, fly heading 104° to a point 1.7NM SE, then follow the railway to Robert-Bourassa highway. For arr via Chemin de fer, follow the railway from Robert-Bourassa highway to a point 1.7NM SE and then fly heading 284°. -Ste-Foy: Starting at highway Henry IV, follow highway Charest heading west until the intercepting Rwy 29 final at 1000 ft ASL or higher. Then proceed to the airport following the Rwy 29 final approach. Avoid flying over Rwy 29. Capitale Hélicoptère arr/dep proc: refer to QUÉBEC / CAPITALE HÉLICOPTÈRE QC (Heli) PRO. Release and banner towing prohibited PPR Opr 418-640-0707
CAUTION	Twin antennas aprx 2035´ N of thld of Rwy 24, 140 AGL, 336 ASL, only one antenna painted & lighted.

QUÉBEC FIC – RCO

For a list of Québec RCOs and map, see Planning Section under FISE RCOs.

QUÉBEC TERMINAL (emerg only 514-633-3365)

QUÉBEC / LAC ST-AUGUSTIN VFR TERMINAL PROCEDURES CHART



QUÉBEC / LAC ST-AUGUSTIN VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
AEROPORT	VCAIR	N46° 47' 18" W071° 23' 51"
CAP ROUGE	VCAPR	N46° 44' 51" W071° 20' 36"
CHEMINEE	VCCHM	N46° 45' 26" W071° 26' 33"
DU VALLON	VCDVL	N46° 47' 54" W071° 17' 24"
GAGNON	VCGAG	N46° 43' 47" W071° 25' 53"
GAUVIN	VCGOV	N46° 45' 58" W071° 22' 22"
SAINT-LAURENT	VCSLR	N46° 43' 59" W071° 24' 27"

NOISE OPERATING RESTRICTIONS AND NOISE ABATEMENT PROCEDURES

Pursuant to CAR 105.01 No person shall conduct an aerial sightseeing flight, or any portion thereof, in the Québec/Jean Lesage INTL CZ unless the flight commences at CYQB.
Pursuant to CAR 602.105, Noise Operating Criteria, the following noise abatement procedures and noise control requirements apply at the Lac St-Augustin (Québec) water airport.

Noise Operating Restrictions

a. Commercial operations except in special circumstances (forest fire fighting, rescue, police operations, etc.) are not permitted at Lac St-Augustin, unless the operator obtains written authorization from the Regional Director Civil Aviation Transport Canada at the following address:

   Regional Director Civil Aviation
   Transport Canada
   Regional Administration Building
   700, Leigh Capréol
   Dorval, Québec, H4Y 1G7
   Fax 855-633-3697
   Email: CSVA-VSCA@tc.gc.ca

b. Touch and go landings are not authorized.
c. Training flights are not authorized.
d. Take-offs or landings are not authorized during the following time periods:

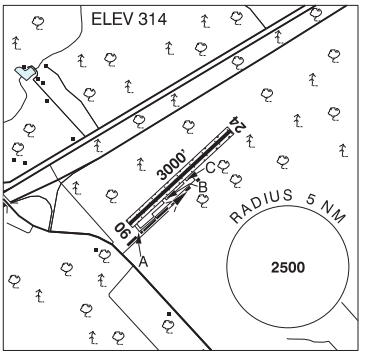
   Before 0800 (local time) Monday through Friday;
   Before 0900 (local time) Saturdays;
   Before 1000 (local time) Sundays.

e. Take-offs by the same aircraft at intervals of less then 60 minutes are not authorized during the following time periods:

   After 1800 (local time) Monday through Saturday;
   All day Sunday; and
   All day on Québec-designated statutory holidays.

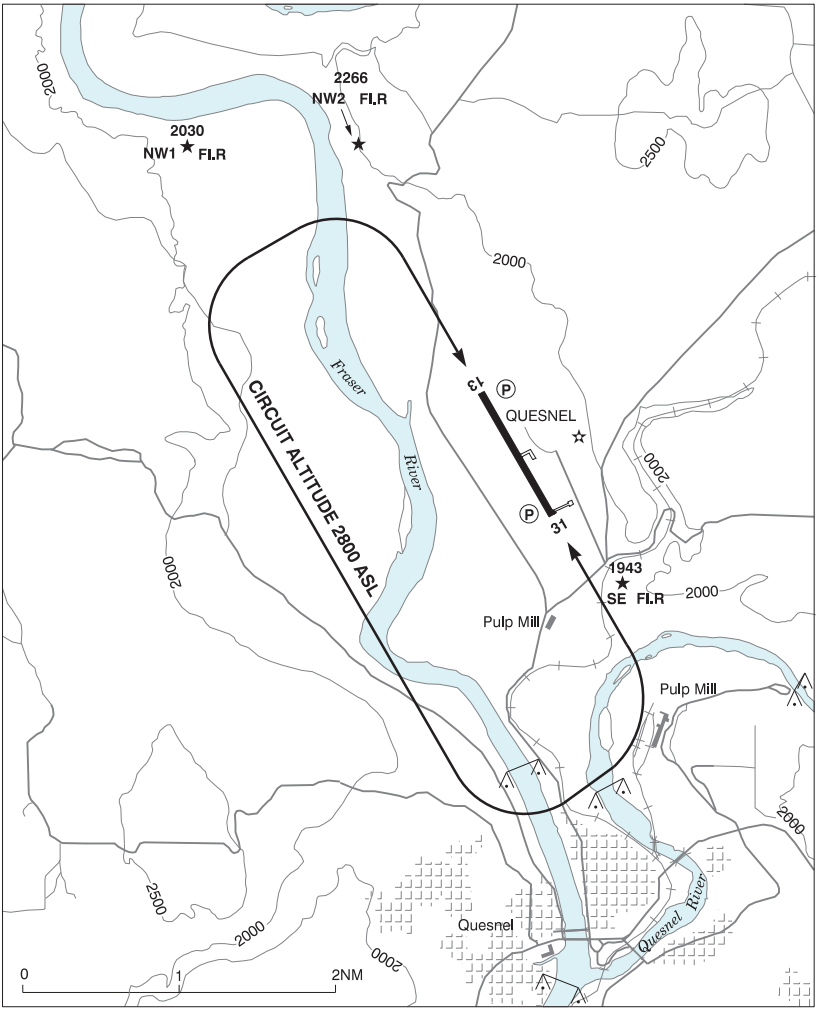
QUÉBEC / NEUVILLE QC CNV9

REF	N46 43 24 W71 34 57 1.1NE 16°W (2012) UTC-5(4) Elev 314' A5002 LO6 LO7 LO8 T2
OPR	NeuvilleAero 418-476-8001 Reg PPR 12-02Z‡ Mon-Fri, 13-02Z‡ Sat-Sun and hols
PF	B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) or 418-871-8678
ACC	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR



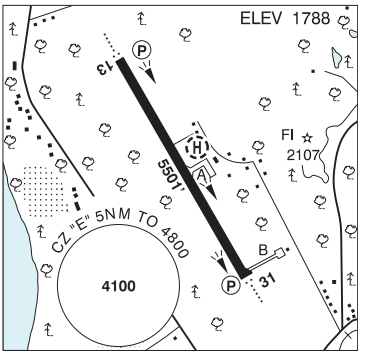
SERVICES	
FUEL	100LL, JA PN
OIL	All
S	1,4,5,6
RWY DATA	Rwy 06(064°)/24(244°) 3000x75 ASPH/GRVL Centre 50' ASPH Rwy 24 down 0.7%
RCR	Opr
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-123.35 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc123.35 5NM below 1500 ASL outside CYQB CZ and Québec TCA and excluding the portion south of the St. Lawrence River.
TWR	Québec 118.65 236.6 (E)
TML	Québec 124.0 VFR 127.85 IFR 322.8
PRO	Note: Acft oprs planning to arr or dep the A/D shall take note of the Quebec VTPC and the info on Quebec class C airspace; they shall also ctc the OPR in order to obtain auth (PPR) rqrd in order to be made aware of the arr and dep procedures developed in coordination with Quebec tml and Quebec/Jean Lesage TWR. **Preferential rwy:** Rwy 06 for tkof. Rwy 24 for ldg. **Circuits:** Right hand circuits Rwy 24 (CAR 602.96). **Touch and go:** No touch and go without prior permission from operator. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	**Inst apch at CYQB:** Acft flying to Québec / Jean Lesage Intl aprt (CZ 1.8NM ENE of Neuville A/D) on inst apch Rwy 06 can overfly Neuville A/D at 2000ASL. Possibility of deer on the rwy and vic of A/D. Trees 60 AGL final Rwy 24. Blasting area 0.5NM radius N46 42 41 W71 35 02 (aprx 0.7NM S of A/D) sfc to 828 ASL (500 AGL), May-Oct ocsl by NOTAM.

QUESNEL VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



QUESNEL BC — CYQZ

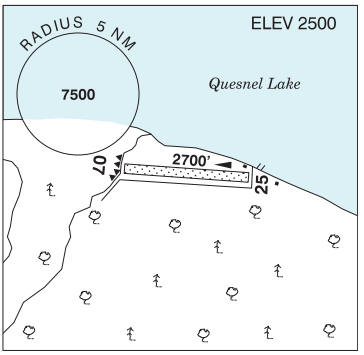
REF	N53 01 34 W122 30 37 2N 17°E (2020) UTC-8(7) Elev 1788' A5014 LO2 HI3 CAP
OPR	City 250-992-2208 15-01Z‡ Mon-Fri, 17-01Z‡ Sun exc hols onsite coverage for sked commercial flts only. O/T 2 hr PN Cert
PF	A-1,6 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 (See COMM) TAF 12-06Z, issue times: 12, 19, 01Z. WxCam



SERVICES	
FUEL	100LL, JA-1 (FSII avbl), SP 250-992-2208 (Self-serve, Visa, Mastercard & pvt accounts only). Heli refueling at heli touchdown pad NW of apron.
S	2,4,5,6
RWY DATA	Rwy 13(133°)/31(313°) 5501x150 CONC/ASPH
RWY CERT	Rwy 13/31 AGN IIIB
TWY	Twy B pvt use only
RCR	Opr CRFI, Win maint 14-03Z‡ Mon-Fri Nov-Mar, 1600-0230Z‡ Sat-Sun, exc hols O/T 2 hr PN, call out chg may be levied. PLR/PCN
HELI DATA	Parking Pad: 70' x 60' CONC/ASPH Max heli overall length 55.8'
LIGHTING	13-AO(TE ME) P2, 31-AO(TE ME) P2 ARCAL-122.2 type K
COMM	
RCO	Williams Lake rdo 122.2 PTC avbl (RAAS) 14-06Z‡
MF	Williams Lake rdo 14-06Z‡ O/T tfc 122.2 5NM 4800 ASL (CAR 602.98)
AWOS	124.4
PRO	Rgt hand circuits Rwy 13 (CAR 602.96). Ngt circuit pro see VTPC.
CAUTION	Adj to and E of both apchs are hills marked by hazard bcns. 100 AGL trees along W side of rwy 500´ fr rwy edge. Only pilots familiar with local terrain should use this aprt dur hrs of darkness. Ngt ops not recommended unless all 3 hazard bcns are oprg. Extv smoke from pulp mills frequently obscures apch to Rwy 31. Reported winds may not be representative of landing area winds. Extv bird activity Apr-Oct. Possibility of wildlife on rwy.

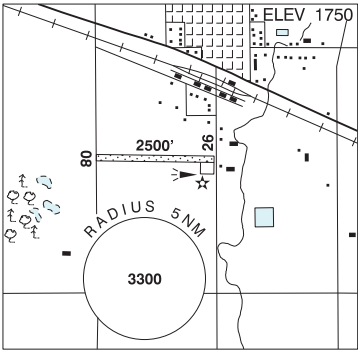
QUESNEL LAKE BC — CBK6

REF	N52 30 54 W121 02 42 Adj E 18°E (2012) UTC-8(7) Elev 2500´ A5014
OPR	Elysia Resort 250-243-2433 Reg May 15-Sep 30
PF	A-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 07/25 2700x150 GRASS Rwy 25 up 2% Opr No win maint. Rwy soft when wet.
COMM ATF	tfc 123.2 2NM 4000 ASL
PRO	Rgt hand circuits Rwy 25 (CAR 602.96).
CAUTION	Ravine W Thld 07. 50´ trees at both rwy ends. 60´ P-lines at thld of Rwy 25.



QUILL LAKE SK — CKE2

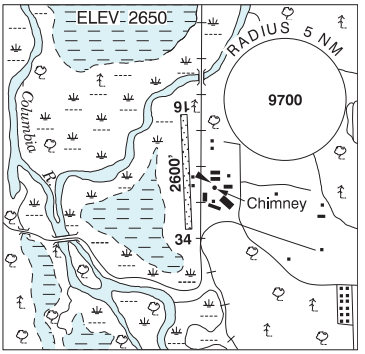
REF	N52 04 W104 16 Adj S 9°E (2015) UTC-6 Elev 1750´ A5006 A5016
OPR	Town 306-383-2592/2261 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 08(081°)/26(261°) 2500x100 GRASS Opr No win maint
LIGHTING	08-(LO), 26-(LO) Only 2000' lgtd
COMM ATF	tfc 123.2 5NM 4800 ASL
PRO	Rgt hand circuits Rwy 08 (CAR 602.96).



RADIUM HOT SPRINGS BC

CBL6

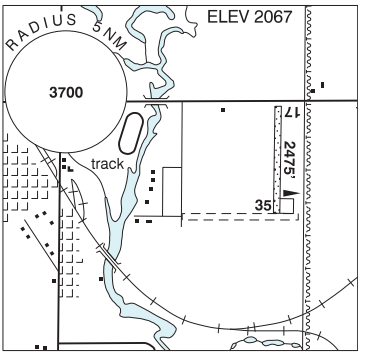
REF	N50 38 W116 06 Adj W 16°E (2012) UTC-7(6) Elev 2650´ A5005
OPR	E. Hirschfeld 780-499-6808 Reg PPR Ldg fees
PF	C-2,5,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	4,5
RWY DATA **RCR**	Rwy 16/34 2600x100 GRASS Opr No win maint
COMM **ATF**	tfc 123.2 5NM 5700 ASL
CAUTION	Watch for wildlife in the vicinity of the rwy.



RADVILLE SK

CKF2

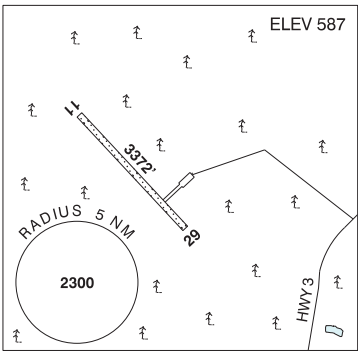
REF	N49 27 38 W104 16 18 1E 9°E (2013) UTC-6 Elev 2067´ A5006
OPR	Town 306-869-2477 Fax 306-869-3100 Reg
PF	C-1,2,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 17(171°)/35(351°) 2475x75 GRASS Opr No win maint
COMM **ATF**	tfc 123.2 5NM 5100 ASL
PRO	Rgt hand circuits Rwy 35 (CAR 602.96).



RAE / EDZO NT

CRE2

REF	N62 46 00 W116 05 01 1.4SW 17°E (2021) UTC-7(6) Elev 587´ A5029
OPR	Tli Cho Construction 867-445-5087 Reg PPR
PF	C-1,2,3,4,5
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES S	 4



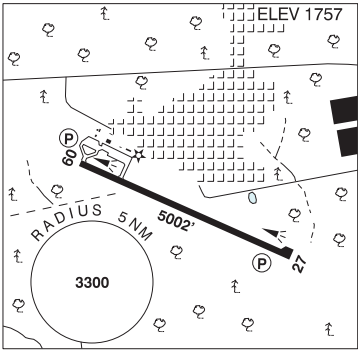
RWY DATA RCR	Rwy 11/29 3372x98 GRVL Opr Ltd win maint 1 hr PN Call out chg.
LIGHTING	11(TE LO), 29(TE LO) ARCAL-123.2 type J
COMM ATF	 tfc 123.2 5NM 3600 ASL

RAE LAKES NT — See GAMÈTÌ / RAE LAKES

RAINBOW LAKE AB

CYOP

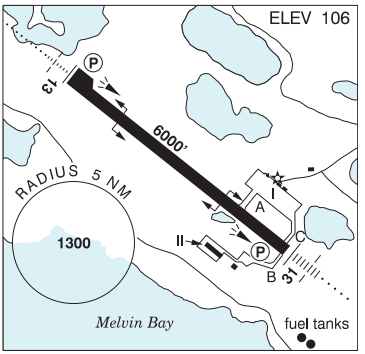
REF	N58 29 28 W119 24 24 Adj S 18°E (2016) UTC-7(6) Elev 1757´ A5022 LO1 HI2 CAP
OPR	Town 780-956-3878/3934 Reg Ldg fees
PF	B-1 C-2,3,4,5,6
FLT PLN FIC ACC WX	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 AUTO (see COMM) WxCam
SERVICES FUEL	Call out chg may be levied for svcs. 100LL, JA (FSII avbl) Flight Fuels 780-956-1188



RWY DATA RCR	Rwy 09(096°)/27(276°) 5002x100 ASPH Rwy 09 down 0.98% AGN II Opr Ltd maint PLR/PCN
LIGHTING	09-(TE LO) P1, 27-(TE LO) P1 ARCAL-122.8 type J
COMM ATF AUTO	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4800 ASL 123.3
CAUTION	Flare stack at gas plant 6NM E of A/D may occasionally produce a flame reaching aprx 600 AGL, 2181 ASL. Lgtd twr aprx 6.6NM N A/D (N58 35 10 W119 18 17) 2621 ASL (421 AGL).

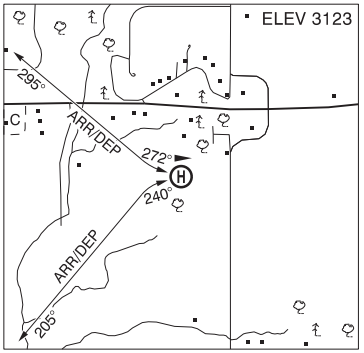
RANKIN INLET NU

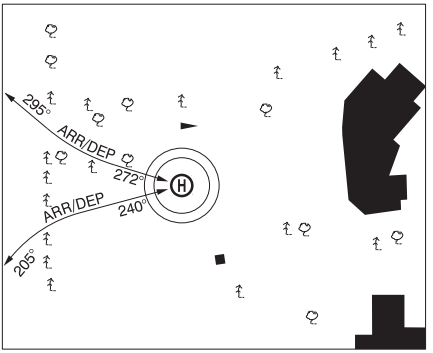
CYRT



REF	N62 48 38 W92 06 53 Adj 6°W (2022) UTC-6(5) Elev 106´ A5031 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1,7 C-2,4,5,6,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied outside oprg hrs and hol(s).
FUEL	100LL(D), JA-1, HPR 1430-24Z‡ Mon-Sat exc hols PN ctc 867-645-1699/3150/6920. VISA credit card only Mon-Fri, other credit by prior arng only, ctc 867-645-8400, allow 7 working days.
S	2,6
RWY DATA	Rwy 13(129°T)/31(309°T) 6000x150 asphalt RAG: Rwy 13 BLISS 500S, (1500´) NOTAM issued when cable is up. Rwy 31 BLISS 500S, (1500´) Rwy 13 first half up 0.62%, last half down 0.34%
RWY CERT	Rwy 13/31 AGN IIIB
TWY	Twy B Mil use only, unlgtd.
APRON	Apron II Mil use only.
RCR	Maint contractor 867-645-3403 or 204-599-9147. A/D maint avbl 13-22Z‡ Mon-Fri May 1-Sep 30; 11-02Z‡ Mon-Fri, 12-22Z‡ Sat-Sun Oct 1-Apr 30, O/T 12 hrs PN. Call-out chg may be levied. CRFI, PLR/PCN
LIGHTING	13-AN(TE HI) P2, 31-AN(TE HI) P2
COMM	
RADIO	Rankin rdo 122.2 (V) (emerg only 867-645-2672)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	Rankin rdo 122.2 (V) 5NM 3100 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.0
NAV	
NDB	RT 284 (M) N62 49 31 W92 06 34
VOR/DME	YRT 112.4 Ch 71 N62 48 50 W92 07 02 (121´) VOR oriented on True North
CAUTION	Extv migratory bird activity May-Oct.

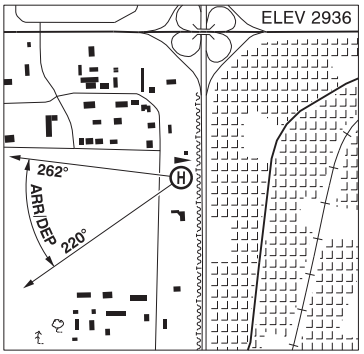
RED DEER / ALLAN DALE RESIDENCE AB (Heli) CAD2

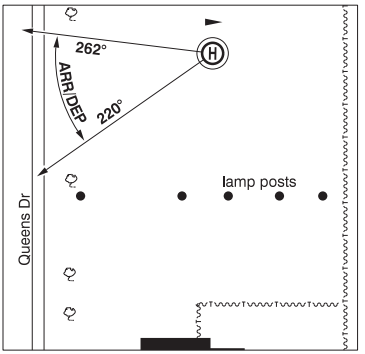




REF	N52 16 11 W113 41 59 4.1E 15°E (2015) UTC-7(6) Elev 3123' A5005 A5015
OPR	Allan Dale 403-350-8051 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN **FIC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 58' dia GRASS TLOF 20' x 20' CONC Safety Area 77' dia Max heli overall length 38.4'
COMM **RCO** **TWR** **MF**	 Edmonton rdo 123.475 (FISE) 126.7 (bcst) Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547) tfc 118.5 05-13Z‡ 5NM 6000 ASL
PRO	Arr/dep curved 272° to 295° fr heli, slope 8% (H3), day use only. Arr/dep curved 240° to 205° fr heli, slope 8% (H3), day use only.
CAUTION	Trees on short final on all apch

RED DEER / ALLAN DALE TRAILERS & RV AB (Heli) CAD3





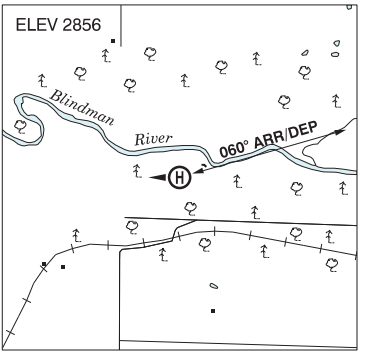
REF	N52 18 32 W113 51 48 3.1NW 15°E (2015) UTC-7(6) Elev 2936' A5005 A5015
OPR	Allan Dale 403-346-3148 Reg PPR
PF	C-1,2,3,4,5,6

RED DEER / ALLAN DALE TRAILERS & RV AB (Heli) (Cont'd) CAD3

FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 58' dia GRVL Safety Area 77' dia Max heli overall length 42.7'
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
TWR	Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547)
MF	tfc 118.5 05-13Z‡ 5NM 6000 ASL
PRO	Arr/dep 220° to 262° fr heli, slope 8% (H3), day use only
CAUTION	Lgt poles S of heli. Large traffic W of heli.

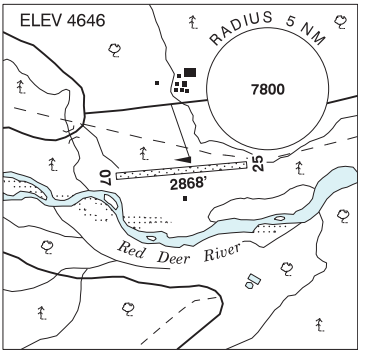
RED DEER / CHONG RESIDENCE AB (Heli) CRE5

REF	N52 21 00 W113 56 01 6.7WNW 14°E (2017) UTC-7(6) Elev 2856' A5005 A5015
OPR	Glenn Chong 403-314-1377 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 25' x 25' ASPH/GRASS TLOF 20' x 20' ASPH Safety Area 90' dia
RCR	Opr Ltd win maint
COMM	
ATF	tfc 122.8 2NM 4100 ASL
PRO	Arr/dep 060° fr heli. Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Terrain rises rapidly to S. Irregular terrain N of safety area. Lgtd twr 3500 ASL (300 AGL) aprx 2.8NM S. Lgtd twr 3799 ASL (600 AGL) aprx 2.5NM S. A/D underlies arr/dep path for CYQF Rwy 17/35 aprx 10NM S, monitor CYQF TWR whenever possible.



RED DEER FORESTRY AB CFR7

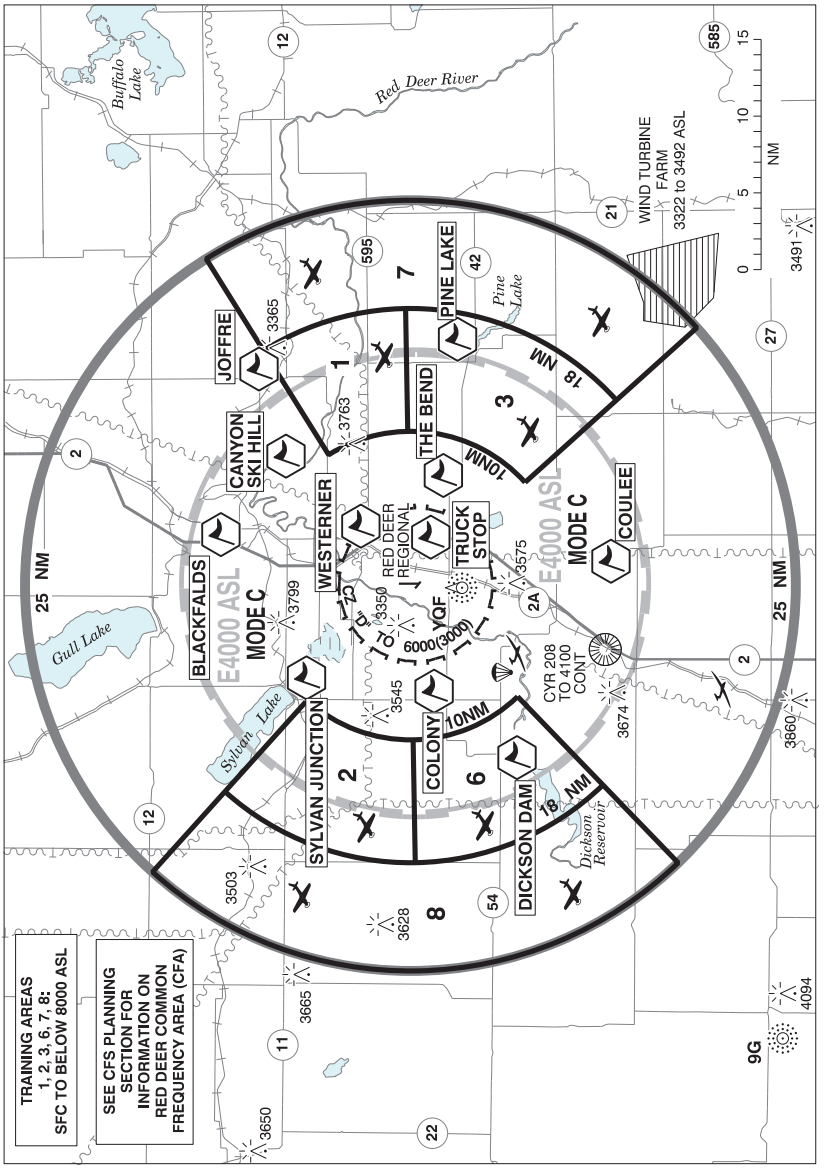
REF	N51 39 05 W115 14 21 16°E (2012) UTC-7(6) Elev 4646´ A5005
OPR	Sundre Flying Club 403-636-1488 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(070°)/25(250°) 2868x100 GRASS
RCR	Opr Ltd sum maint only
COMM	
ATF	tfc 123.2 5NM 7600 ASL



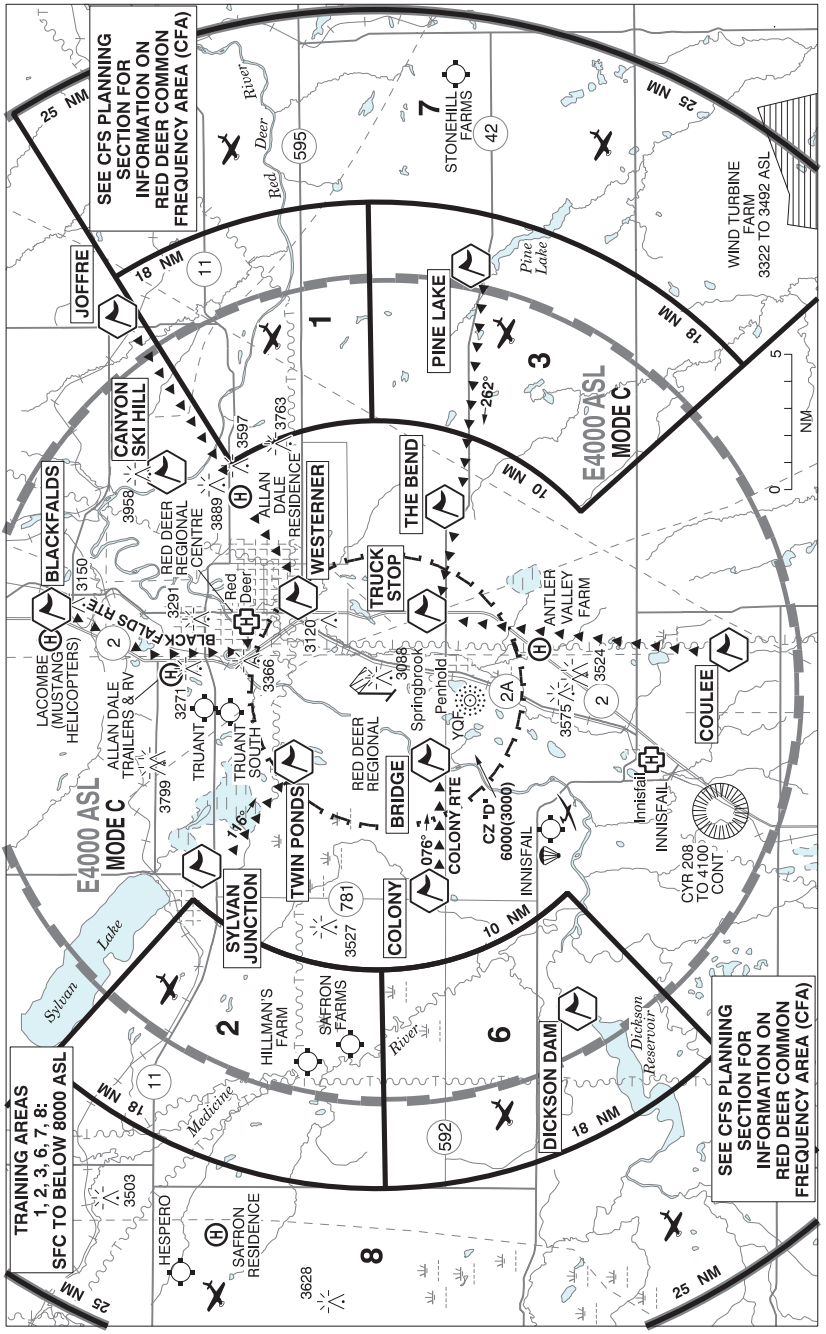
RED DEER FORESTRY AB (Cont'd) CFR7

CAUTION	Animals may be on or in vic of rwy. Gopher holes in rwy. Possible heli tfc 0.5NM N of Alberta Forestry outpost and vic of A/D. Rwy 07 erosion: Remain clear of non-load brg area on bank adj S edge thld Rwy 07 for aprx 300'. No cellular service in vic.

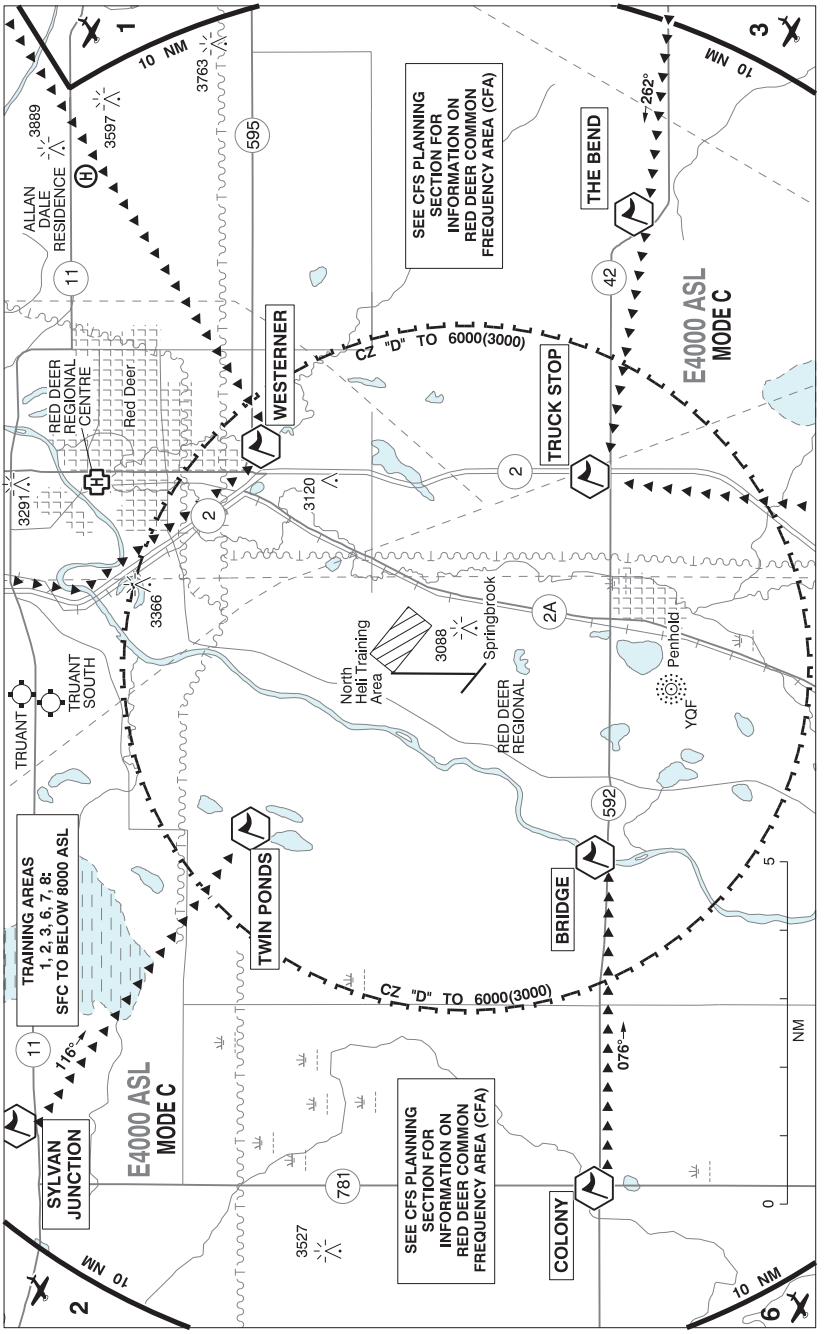
RED DEER VFR TERMINAL PROCEDURES CHART



RED DEER VFR TERMINAL PROCEDURES CHART (Cont'd)



RED DEER VFR TERMINAL PROCEDURES CHART (Cont'd)



RED DEER VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
BLACKFALDS	VCBFD	N52° 22' 29" W113° 49' 18"
BRIDGE	VCBDG	N52° 08' 39" W113° 58' 05"
CANYON SKI HILL	VCCSH	N52° 18' 14" W113° 41' 00"
COLONY	VCCLY	N52° 08' 40" W114° 05' 49"
COULEE	VCCOU	N51° 57' 44" W113° 51' 32"
DICKSON DAM	VCDSD	N52° 03' 16" W114° 12' 47"
JOFFRE	VCJFF	N52° 19' 59" W113° 31' 54"
PINE LAKE	VCPKE	N52° 07' 08" W113° 28' 50"
SYLVAN JUNCTION	VCSJT	N52° 16' 58" W114° 04' 24"
THE BEND	VCBND	N52° 08' 05" W113° 43' 04"
TRUCK STOP	VCTRS	N52° 08' 41" W113° 49' 22"
TWIN PONDS	VCTWP	N52° 13' 14" W113° 57' 19"
WESTERNER	VCWES	N52° 13' 27" W113° 48' 29"

COMMON FREQUENCY AREA:

Within 25NM of CYQF, and outside of the CZ/MF, pilots should familiarize themselves with the use of the Alberta - Red Deer Common Frequency Area (see CFS Planning Section) and use the common frequency 122.875.

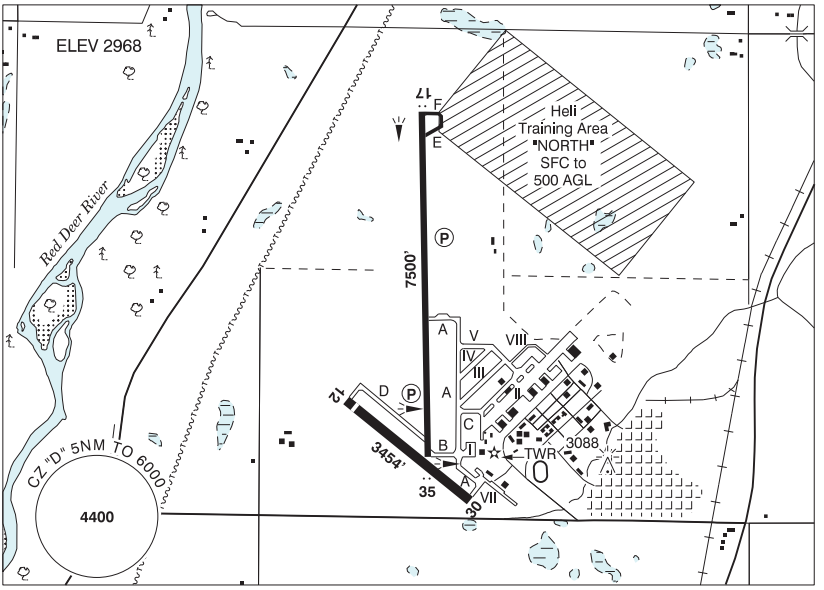
ARRIVAL PROCEDURES

Obtain the ATIS message on 124.0 prior to establishing contact on 118.5.

If able, pilots are required to turn on navigation, anti-collision, and landing lights while operating within the CZ/MF.

During Class D operations (13-05Z‡), pilots are expected to follow the instructions assigned by CYQF Tower.

RED DEER REGIONAL AB — CYQF



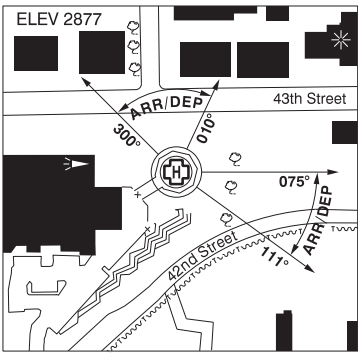
REF	N52 11 06 W113 53 40 6SSW 14°E (2016) UTC-7(6) Elev 2968´ A5005 A5015 LO2 HI3 CAP
OPR	Red Deer Regional Aprt Authority 403-886-4388 Cert Ldg fees
PF	A-1,2,3,7 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) WxCam TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA Hillman Air (100LL only, self serve); Sky Wings Avn (Executive Flt Centre) 15-04Z‡; Tucana Avn
OIL	All
S	1,2,3,5 Tucana Avn
SUP FL	D & A-ice 2 hr PN Tucana Avn, LPOX
JASU	10/15
PVT ADV	Hillman Air 403-886-4187; Sky Wings Avn (Executive Flt Centre) 123.4 403-886-5191 15-04Z‡; Tucana Avn 403-596-6320.
RWY DATA	Rwy 17(165°)/35(345°) 7500x150 ASPH Rwy 12(115°)/30(295°) 3454x100 ASPH Thld 12 displ 200' Rwy 30 up 0.52% RESA: 17/35 492'
RWY CERT	Rwy 17/35 AGN IIIB Rwy 12/30 AGN II
TWY CERT	Twy D AGN II
RCR	Opr CRFI & Win maint 1330-2200Z‡ Mon-Fri exc hols, O/T 2 hrs PN ctc 403-318-7842. Call out charge may be levied. PLR.

RED DEER REGIONAL AB (Cont'd) CYQF

LIGHTING	12-(TE ME), 30-(TE ME), 17-AS(TE HI) P2, 35-AS(TE HI) P2 ARCAL-118.5 type K when TWR clsd
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATIS	124.0 13-05Z‡
GND	121.9 13-05Z‡
TWR	118.5 (V) 13-05Z‡ (emerg only 403-886-4547)
MF	tfc 118.5 05-13Z‡ 5NM 6000 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.85
AWOS	124.0 05-13Z‡
NAV	
NDB	Red Deer YQF 320 (L) N52 07 42 W113 53 58
DME	Red Deer 6G 113.8 Ch 85 N52 10 52 W113 52 58 (2974') Pvt
PRO	Rgt hand circuits Rwys 12 & 17 (CAR 602.96).
HELI	Use Heli Training Area "NORTH" sfc to 500 AGL.
CAUTION	Wildlife in vic of rwys. Acft at opposite ends of Rwy 17/35 may not be vis to each other. Twy D sfc ruf. Practice IFR approaches in vic Rwy 17/35 extended ctr lines beyond CZ. Extv flt tng within 20NM of A/D, all quadrants to 6500 ASL. Parajumps activity in vic Innisfail A/D 8NM SSW check for NOTAM. Intsv gliding activity to 6400 ASL in vic Olds (Netook) A/D 21NM S by NOTAM. Winch cable may extend from sfc to 5800 ASL (2500 AGL).

RED DEER REGIONAL HOSP CENTRE AB (Heli) CRD3

REF	N52 15 43 W113 48 57 15°E (2013) UTC-7(6) Elev 2877´ A5005 A5015
OPR	AHS-Protective Services 403-343-4744 Cert PPR
PF	A-1,2,3 C-4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia non-supporting TLOF 57' dia CONC elevated Safety Area 115' dia 16,000 lbs Max heli overall length 57.4'

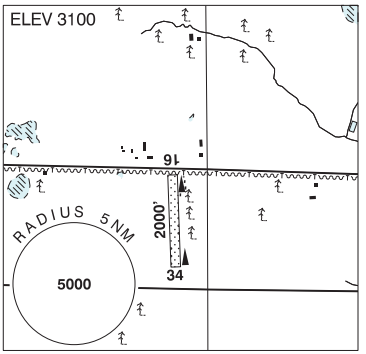


LIGHTING	RY(LO)
COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
ATIS	124.0
TWR	Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547)
MF	tfc 118.5 05-13Z‡ 5NM centered on Red Deer Regional A/D 5.8NM S 6000 ASL (CAR 602.98)
PAL	Edmonton Centre 132.85
PRO	Arr/dep 300° to 010° fr heli, slope 8% (H3). Arr/dep 075° to 111° fr heli, slope 8% (H3).
CAUTION	P-lines marked with orange/white balls SE heli 075°-111°. Office bldg NE heli marked with obst lgts.

RED DEER / TRUANT AB

CRD5

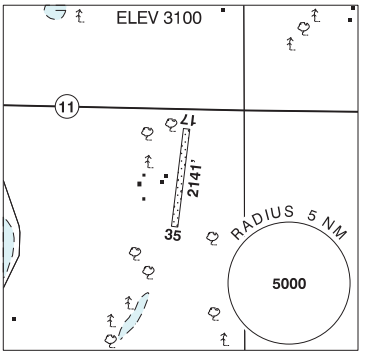
REF	N52 17 19 W113 54 42 4.2WNW 15°E (2011) UTC-7(6) Elev 3100' A5005 A5015
OPR	Mario Truant 403-358-2333 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 16(163°)/34(343°) 2000x150 GRASS
RCR	Opr No win maint
COMM	
TWR	Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547)
ATF	tfc 118.5 2NM 6000 ASL excluding airspace within CYQF CZ
PRO	Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	High tension wires N end of rwy (balls att). Ditch ¼ way down N end with markers. A/D underlies arr/dep path for CYQF Rwy16/34 aprx 6.2NM S.



RED DEER / TRUANT SOUTH AB

CRD6

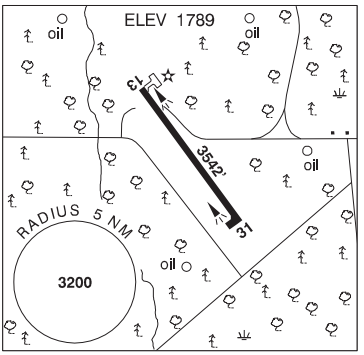
REF	N52 16 40 W113 54 55 3.9W 15°E (2012) UTC-7(6) Elev 3100' A5005 A5015
OPR	Mike Truant 403-346-6143 Reg PPR
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(172°)/35(352°) 2141x50 GRASS
RCR	Opr No win maint
COMM	
TWR	Red Deer 118.5 (V) 13-05Z‡ (emerg only 403-886-4547)
ATF	tfc 118.5 2NM 6000 ASL excluding airspace within CYQF CZ
PRO	Red Deer Common Frequency Area 122.875 outside of A/D ATF. See SECTION C PLANNING.
CAUTION	Hwy 11 at N end treat as 50 AGL obst. Driveway mid field running E/W. P-lines 328' E/W of strip. Markers each side of rwy every 200'. A/D underlies arr/dep path for CYQF Rwy16/34 aprx 5.5NM S.



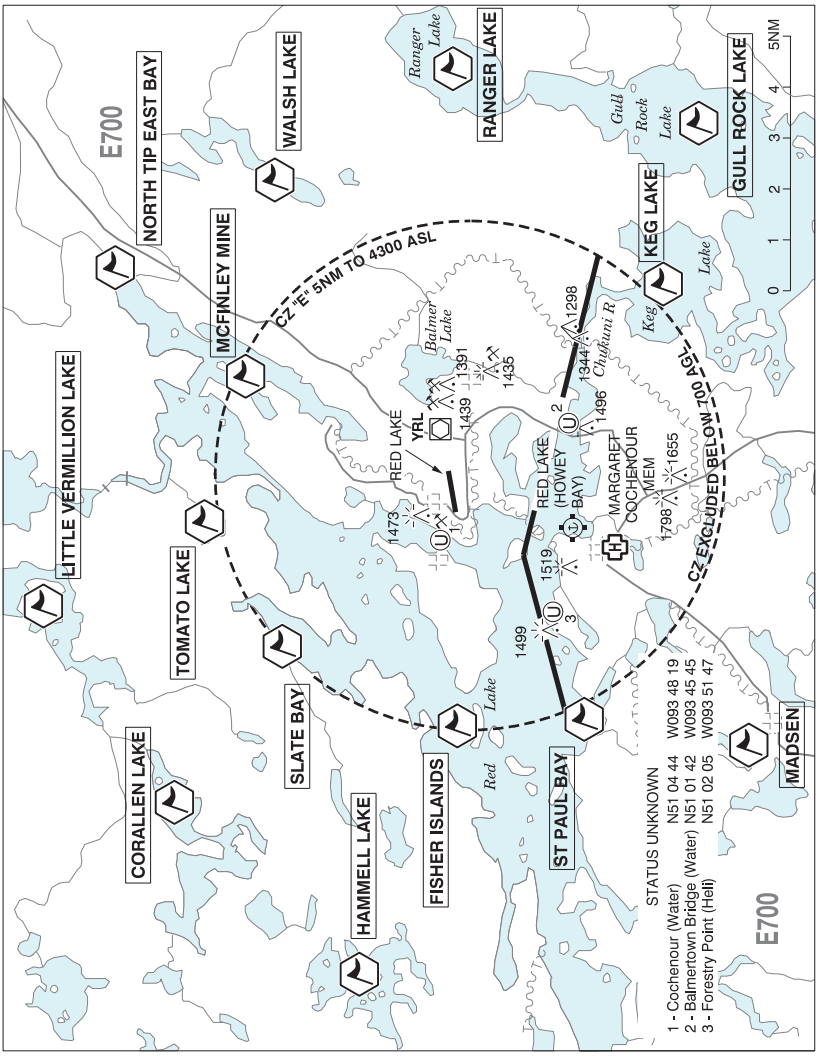
RED EARTH CREEK AB

CEH5

REF	N56 32 46 W115 16 32 17°E (2012) UTC-7(6) Elev 1789´ A5023 LO1 CAP
OPR	Muni District #17 780-649-9140 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 13(126°)/31(306°) 3542x75 ASPH Rwy 13 up 0.66% AGN II
RCR	Opr Ltd win maint
SERVICES	
S	5
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4800 ASL
PAL	Edmonton Ctr 135.275 (Peace River) (may not be receivable on ground)



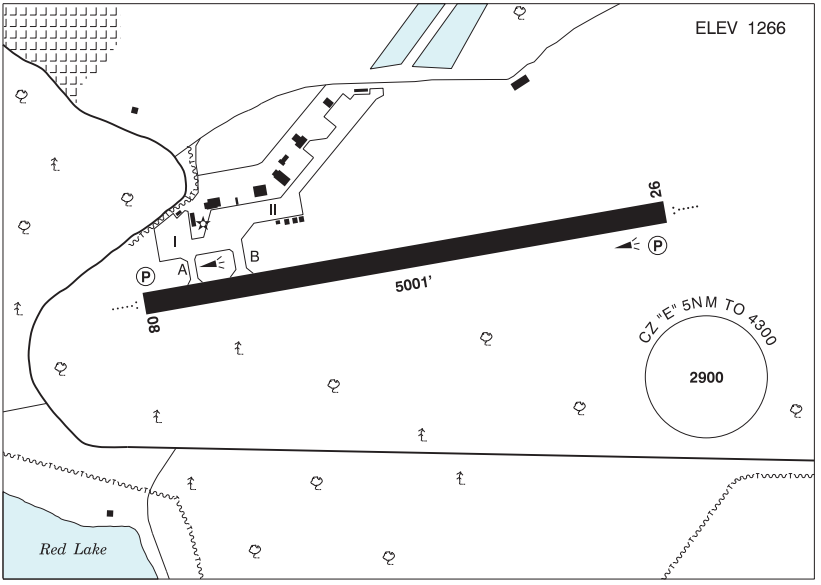
RED LAKE VFR TERMINAL PROCEDURES CHART



RED LAKE VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CORALLEN LAKE	VCCLK	N51° 09' 25" W93° 57' 28"
FISHER ISLANDS	VCFHR	N51° 03' 20" W93° 55' 20"
GULL ROCK LAKE	VCGRL	N50° 59' 06" W93° 36' 20"
HAMMELL LAKE	VCHML	N51° 05' 40" W94° 02' 38"
KEG LAKE	VCKEG	N50° 59' 48" W93° 41' 07"
LITTLE VERMILLION LAKE	VCLVL	N51° 11' 46" W93° 51' 28"
MADSEN	VCMDN	N50° 58' 04" W93° 55' 31"
MCFINLEY MINE	VCMFM	N51° 08' 00" W93° 43' 58"
NORTH TIP EAST BAY	VCNTP	N51° 10' 40" W93° 40' 20"
RANGER LAKE	VCRLK	N51° 04' 01" W93° 34' 23"
SLATE BAY	VCSLB	N51° 07' 05" W93° 52' 43"
ST PAUL BAY	VCSPB	N51° 01' 09" W93° 54' 59"
TOMATO LAKE	VCTLK	N51° 08' 45" W93° 48' 50"
WALSH LAKE	VCWLK	N51° 07' 19" W93° 37' 44"

RED LAKE ON CYRL



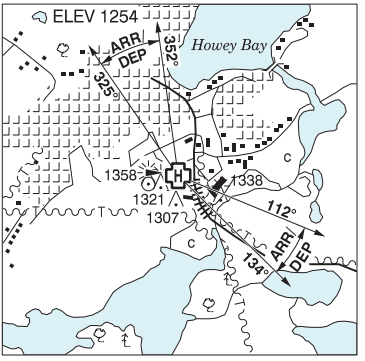
REF	N51 03 54 W93 47 41 3N 0° (2015) UTC-6(5) Elev 1266´ A5007 LO4 HI4 CAP
OPR	Muni of Red Lake/Thunder Bay Airport Services Inc 807-662-2581 11-03Z‡ Cert
PF	A-1,3,6, avbl H24 C-2,5 D-4

RED LAKE ON (Cont'd) CYRL

FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR 10-03Z‡ O/T LWIS TAF 11-03Z‡, issue times: 12, 14, 20Z (DT 11, 14, 20Z).
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP, HPR
OIL	All
S	1,2,3,4,5,6
JASU	CE16, 807-662-7241 or 807-728-2049
PVT ADV	Esso 807-662-7241/807-728-2049
RWY DATA	Rwy 08(080°)/26(260°) 5001x150 ASPH Rwy 26 first 3552' down 0.79%
RWY CERT	Rwy 08/26 AGN IIIA
TWY CERT	Twy A AGN II
RCR	APM 807-662-2581 11-03Z‡ O/T & emerg 807-727-0262 2hr PN CRFI, PLR/PCN
LIGHTING	08-AO(TE ME) P1, 26-AO(TE ME) P1 ARCAL-122.3 type K
COMM	
RCO	Kenora rdo 122.3 (RAAS) 12-04Z‡ London rdo 123.55 (FISE) 126.7 (bcst)
MF	Kenora rdo 12-04Z‡ O/T tfc 122.3 5NM 4300 ASL (CAR 602.98)
PAL	Winnipeg Ctr 135.325
NAV	
VOR/DME	YRL 114.0 Ch 87 N51 04 18 W93 45 43 (1278´)
PRO	Rgt hand circuits Rwy 26 (CAR 602.96).
CAUTION	Extv float/ski tfc in vic. Aerobatics may be in progress over aprt 4300 ASL & below. Possibility of wildlife within aprt perimeter.

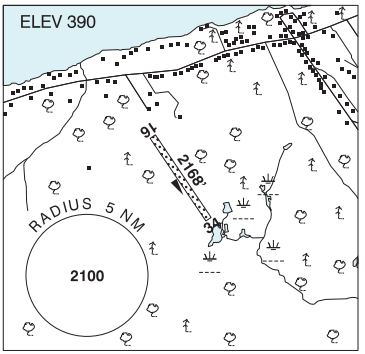
RED LAKE (MARGARET COCHENOUR MEM HOSP) ON (Heli) CRL3

REF	N51 00 49 W93 49 19 Adj 0° (2014) UTC-6(5) Elev 1254' A5007
OPR	Margaret Cochenour Mem Hosp 807-727-2231 Ext 346 Cert PPR
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 87' dia CONC Safety Area 116' Max overall heli length 57.4'
RCR	Opr
LIGHTING	RW(LO) green



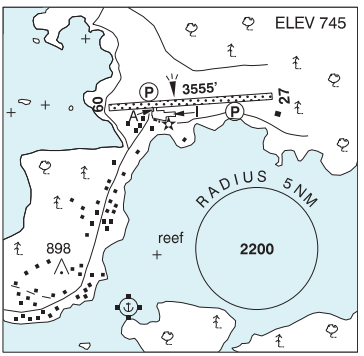
COMM	
RCO	Kenora rdo 122.3 (RAAS) 12-04Z‡ London rdo 123.55 (FISE) 126.7 (bcst)
MF	Kenora rdo 12-04Z‡ O/T tfc 122.3 5NM centred on Red Lake A/D 3.4NM NNE 4300 ASL (CAR 602.98)
NAV	
VOR/DME	Red Lake YRL 114.0 Ch 87 N51 04 18 W93 45 43 (1278´)
PRO	Arr/dep 112° to 134° and 325° to 352° fr heli, slope 12% (H2). Rstd to twin engine heli.
CAUTION	Marked P-poles 330´ ESE. 4 lgtd obst vic, refer to A/D sketch.

REDNERSVILLE / AERY ON — CRA3



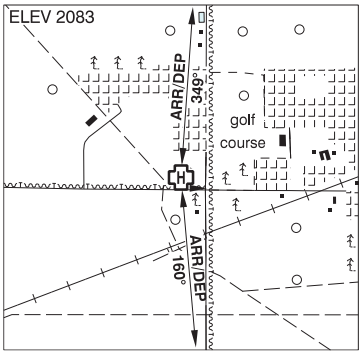
REF	N44 06 19 W77 27 34 Adj SW 12°W (2020) UTC-5(4) Elev 390' A5000
OPR	Don Patrick 905-261-6615 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16(158°)/34(338°) 2168x70 GRASS Opr No win maint. Rwy soft in spring.
COMM TWR	 Trenton 128.7
PRO	A/D is in CFB Trenton Class D CZ. Advs Trenton TWR prior to entering CZ on arr or dep. Call Trenton TWR by phone 30 min prior to planned dep and ctc TWR on 128.7 prior to tkof. All NORDO flts must ctc Trenton TWR via altn means prior to entering CZ on arr or dep. Trenton TWR 613-965-3788 will accept collect calls.
CAUTION	Extv paradrop & glider activity at Trenton (3NM WNW) & Mountain View (5.6NM SE) to 3500 ASL, ocsl to 12,500 ASL. Timing and alt will be bcst on Trenton ATIS 135.45. Extv mil tfc within 35NM of Trenton.

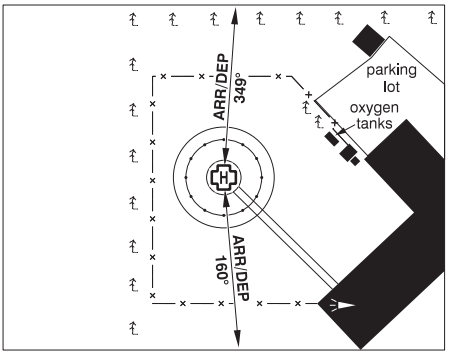
RED SUCKER LAKE MB — CYRS



REF	N54 10 03 W93 33 27 Adj 1°W (2015) UTC-6(5) Elev 745´ A5017 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-806-9559 Cert
PF	A-1 C-2,4,5 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN FIC WX	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) AUTO 204-469-5710 (see COMM)
RWY DATA RWY CERT APRON RCR	Rwy 09(087°)/27(267°) 3555x98 crushed rock Rwy 09/27 AGN IIIA Apron I: Ltd win maint APM 204-469-5396 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-806-9559
LIGHTING	09-(TE ME) P2, 27-(TE ME) P2 3.4° ARCAL-122.8 type K
COMM ATF AUTO	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL 122.075
CAUTION	Lgtd twr 1137 ASL (415 AGL) 1.5NM SW. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

REDWATER (HEALTH CENTRE) AB (Heli) CRW8

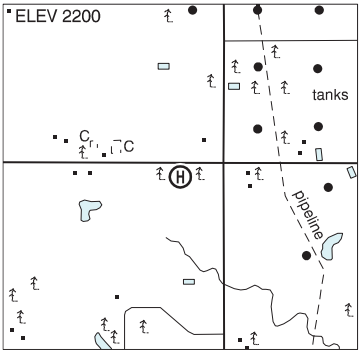




REF	N53 56 59 W113 07 38 Adj 15°E (2013) UTC-7(6) Elev 2083' VTA A5015
OPR	Alberta Health Services 780-942-6622/446-7928 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-5 D-2,3,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia GRASS TLOF 39' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) green LED ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5100 ASL
PRO	Arr/dep 160° & 349° fr heli, slope 16% (H2). NVIS rqrd for ngt use, all flt paths (CAR 602.96).
CAUTION	Hosp building E and adj heli. Unlgtd P-line marked with ball markers S on 160° flt path. Lgtd twrs 1.3NM SE 115 AGL and 1NM E 69 AGL. Trees W and N of heli. Oil Derrick 1800' E 148 AGL.

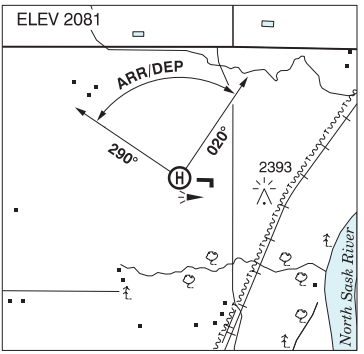
REDWATER (HELIWORKS) AB (Heli) CRW2

REF	N53 55 09 W113 06 15 2SE 15°E (2013) UTC-7(6) Elev 2200' VTA A5015
OPR	Heliworks Aviation Inc. 780-984-3975 Reg PPR
PF	B-4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	JA
HELI DATA	40' x 40' CONC
RCR	Opr



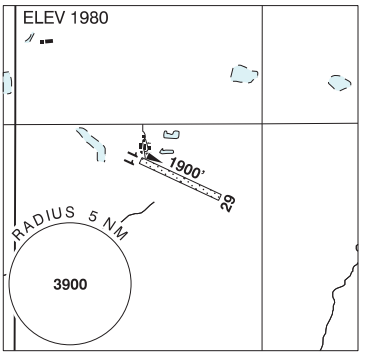
REDWATER (PEMBINA) AB (Heli) CRP3

REF	N53 49 29 W113 07 47 7.6SSE 14°E (2016) UTC-7(6) Elev 2081' VTA A5015
OPR	Pembina Corporation 780-912-2713 Fax 780-669-5801 Reg PPR
PF	D-1,2,3,4,5,6,7,8
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA RCR	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' Opr 780-992-2612
COMM ATF	 tfc 123.2 1NM 5100 ASL
PRO	Arr/dep 290° to 020° fr heli, slope 8% (H3), day use only.
CAUTION	Unlgtd twr 2247 ASL (164 AGL) 0.4NM NE fr heli. Bldg 328' E of heli. P-line N-S 984' E of heli. Twr 2441 ASL (368 AGL) 0.4NM E fr heli.



REGINA / AEROGATE SK CAG2

REF	N50 35 52 W104 36 04 6N 10°E (2011) UTC-6 Elev 1980' A5006
OPR	Mike Reibling 306-352-3337 14-23Z Mon-Fri O/T 306-586-8679 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	 Opr 100LL Sat-Sun only Call out charge may apply
RWY DATA RCR	Rwy 11(105°)/29(285°) 1900x30 broken ASPH Opr Ltd maint. Ltd win maint.
COMM ATF	 tfc 123.2 5NM 4200 ASL
CAUTION	Twrs 2671 ASL (607 AGL) 2NM NNE of A/D and 2.9NM on apch to Rwy 29 aprx 500 AGL.



REGINA BEACH SK CKL9

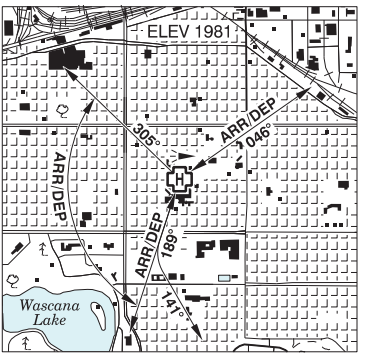
REF	N50 45 26 W104 58 58 3S 11°E UTC-6 Elev 1850' aprx A5006
OPR	D. Edwards, Vortex Avn Ltd 306-729-3343/536-1440 Fax 306-729-4413 Reg PPR

REGINA BEACH SK (Cont'd) CKL9

FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL
RWY DATA RCR	Rwy 14(137°)/32(317°) 2565x80 earth Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4900 ASL
PRO	Rgt hand circuits Rwy 14 (CAR 602.96).

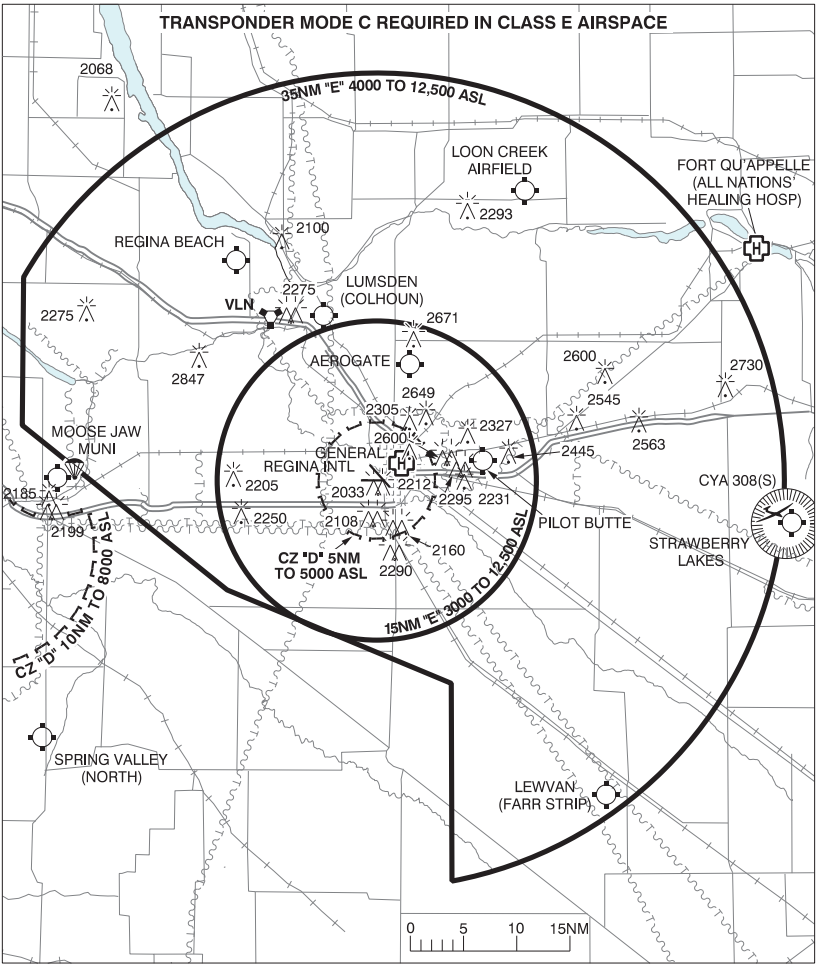
REGINA GENERAL (HOSP) SK (Heli) CRQ2

REF	N50 26 38 W104 36 05 Adj 9°E (2014) UTC-6 Elev 1981' A5006
OPR	Saskatchewan Health Authority Protective Services 306-766-5999 Cert PPR
PF	A-1,2,4 C-3,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA RCR	FATO 86' dia non-supporting TLOF 57' dia CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4' Opr

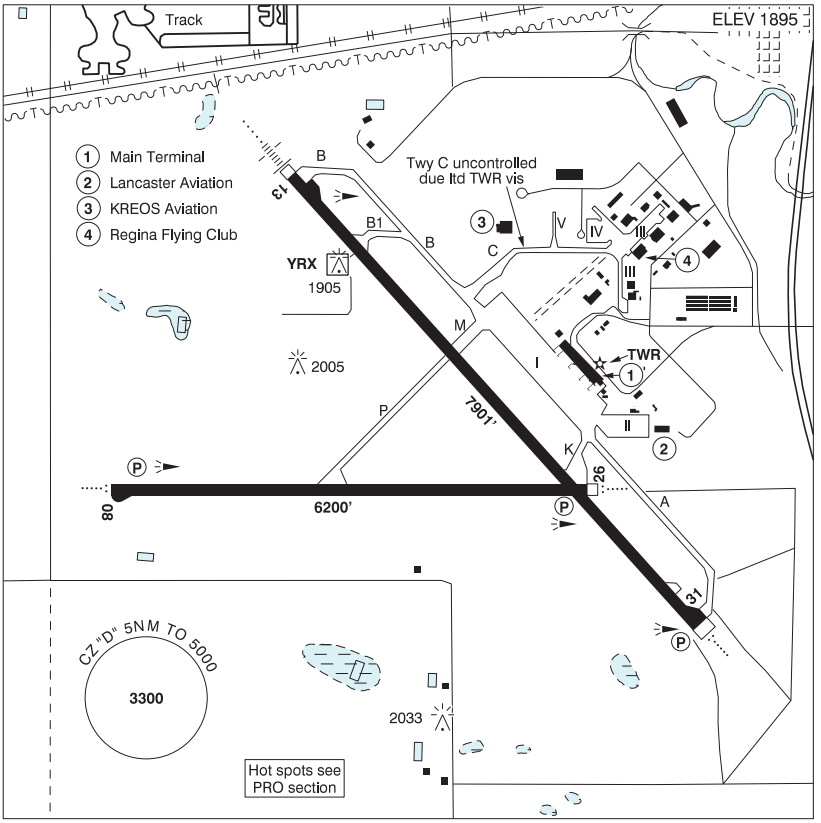


LIGHTING	RY(LO)
COMM	
RADIO	118.6 04-12Z (emerg only 306-359-5018)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
TWR	118.6 (E) 12-04Z (emerg only 306-359-5013)
MF	rdo 118.6 (E) 5NM centred on Regina Intl 2.6NM WSW 5000 ASL (CAR 602.98) 04-12Z
PAL	Winnipeg Ctr 120.1 123.8
PRO	Arr/dep 046° fr heli (H1). Arr/dep btwn 189°-141° curved path (H1). Arr/dep btwn 189°-305° fr heli (H1).
CAUTION	Stairwell penthouse apartment 108' N of heli marked. Elevator penthouse apartment 131' S of heli marked.

REGINA VFR TERMINAL PROCEDURES CHART



REGINA INTL SK CYQR



REF	N50 25 56 W104 39 58 2SW 10°E (2011) UTC-6 Elev 1895´ A5006 LO2 HI4 T1 CAP OC
OPR	Regina Aprt Authority (RAA) 306-761-7550 H24 Cert
PF	A-1,2,3,6,7 Tml opr 12-05Z C-4,5
CUST	AOE/200 (300 with staged off-loading) 888-226-7277 14-06Z May 3-Nov 6, H24 Nov 7-May 2
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.

REGINA INTL SK (Cont'd) CYQR

SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP, HPR 12-04Z
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 7
SUP FL	D & A-ice, LPOX
JASU	CE16, Air start
PVT ADV	KREOS Aviation 122.725 306-924-8910 10-04Z O/T 1 hr PN, call out chg. Regina Flying Club 306-525-6194 14-24Z Sep 1-May 31, 14-03Z Mon-Fri 14-24Z Sat-Sun Jun 1- Aug 31.
MIL CON	Executive Flight Centre 306-517-5223
RWY DATA	Rwy 13(128°)/31(308°) 7901x150 ASPH Rwy 08(080°)/26(260°) 6200x150 ASPH
RWY CERT	Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN IV Rwy 08/26 AGN IV
TWY CERT	Twy C: AGN IIIB fr Twy B to Apron V & AGN II fr Apron V to Apron III
TWY	Twy C uncontrolled due ltd TWR vis. Twy C btwn Apron V and Apron III rstd to acft less than 24m (78').
APRON	Apron I rstd to sked commercial tfc only. Exceptions require prior appr of aprt opr. Apron II posn 1 rstd to commercial tfc only. Exceptions require prior appr of aprt opr. Apron III single row prkg only. Apron IV rstd to acft under 5,000 lbs.
RCR	Opr 306-761-7550 AMSCR/CFRI avbl H24 Nov 1-Mar 31, 1300-2130Z Mon-Fri exc hols Apr 1-Oct 31 O/T 2 hr PN PLR/PCN
LIGHTING	08-AO(TE HI) P2, 26-AO(TE HI) P2, 13-AN(TE HI), 31-AO(TE HI) P2
COMM	
RADIO	118.6 PTC avbl (E) 04-12Z (emerg only 306-359-5018)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	127.0
GND	121.9 12-04Z
TWR	118.6 (E) 12-04Z (emerg only 306-359-5013)
MF	rdo 118.6 5NM 5000 ASL (CAR 602.98) 04-12Z
PAL	Winnipeg Ctr 120.1 123.8
NAV	
VORTAC	LUMSDEN VLN 114.2 Ch 89 N50 40 01 W104 53 23 (1895´)
DME	YRX 115.0 Ch 97 N50 26 14 W104 40 15 (1916´)
ILS	IQR 109.5 (Rwy 13) RVR LOC reliable only within 10° either side of centreline.

REGINA INTL SK (Cont'd) CYQR

PRO	Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. Rgt hand circuits Rwy 08 & 13 (CAR 602.96). RVO for Rwy 13/31: During ATC hours of ops, when vis is below 1/4sm and RVR is 1200 or above, one in/one out ops will be provided. Hi power run-up other than engine-clearing after de-icing PPR ctc OPR.
NOISE	NOISE ABATEMENT PROCEDURE: All acft. ATC assigned rwys will divert arr & dep from noise sensitive areas. When twr clsd & operational conds permit, arr on Rwys 08 or 13, dep on Rwys 26 or 31. See CAP. **ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Regina Class E Transponder Airspace.
CAUTION	Ozone research radiosonde balloon flt fr N50 12 10 W104 42 45 (13.9NM S airport), max alt 115,000 MSL. Launches at 1715Z every Wed wx permitting, otherwise launches Thu or Fri at 1715Z. High sfc winds will delay release to 2315Z Wed, Thu or Fri. Inst package measures 20x20x26 cm, wt 1.2 kg, off-white 2 m dia balloon. Ascent rate 1000´ per min, aprx ascent matrix: 10,000 MSL, launch + 8 min, 20,000 MSL, launch + 18 min, 30,000 MSL, launch + 28 min, 40,000 MSL, launch + 38 min, 50,000 MSL, launch + 48 min. Stationary vertical green laser lgt beam projection from Observatory at N50 12 14 W104 42 47 (aprx 14NM S A/D). Beam diverges by factor of 10 with beam dia aprx 15' at 3280 AGL and aprx 30' at 6560 AGL abv lgt source. Laser lgt beam may be injurious to eyes within 5200' vertically of lgt source. Flash blindness could occur to 8600' ASL and cockpit illumination beyond this dist. Laser beam will be activated periodically in non-precipitation conds only. Extv bird & wildlife activity in vic A/D.

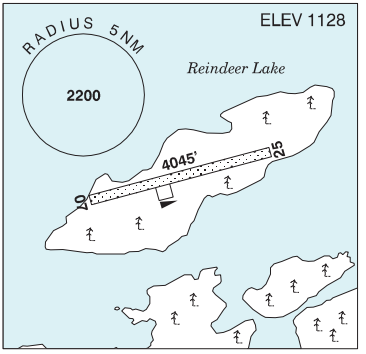
REGINA FSS – RCO

Buffalo Narrows 118.65 (RAAS) 14-02Z (N55 51 W108 29)
Stony Rapids 122.1 (RAAS) 13-04Z (N59 11 W105 55)
Yorkton 119.65 296.6 (RAAS) 12-04Z (N51 15 W102 27)

REID'S FIELD ON — See CAMBRIDGE / REID'S FIELD

REINDEER LAKE SK CRL7

REF	N57 17 17 W102 31 30 8°E (2013) UTC-6 Elev 1128' A5024 LO1 RCAP
OPR	Reindeer Lake Lodge 780-812-9280 or 780-635-2165 Reg PPR
PF	C-1,2,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 780-812-9280 ltd hrs (see COMM)
RWY DATA	Rwy 07(068°)/25(248°) 4045x110 GRVL Rwy 07 up 0.30%
RCR	Opr Jun 1-Sep 15 No win maint.

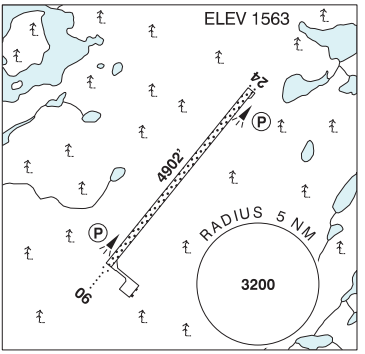


REINDEER LAKE SK (Cont'd) CRL7

COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4200 ASL

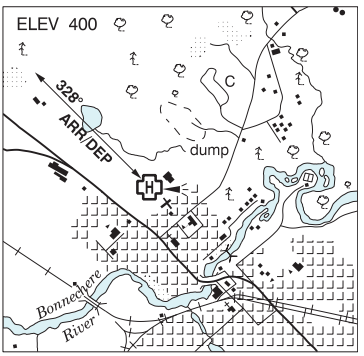
RENARD QC CFX5

REF	N52 43 50 W72 13 15 19°W (2014) UTC-5(4) Elev 1563' A5019 LO3 LO7 CAP
OPR	Stornoway Diamonds 450-616-0088 Ext 6028 Reg PPR
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
WX	ALTIMETER/WIND ltd hrs (see COMM)
RWY DATA	Rwy 06(058°)/24(238°) 4902x98 GRVL AGN IIIA
RCR	Opr
LIGHTING	06-AO(TE HI) P1, 24-AS(TE HI) P1
COMM	(bil)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5 NM 4600 ASL
CAUTION	Blasting area 1.0NM radius N52 49 13 W72 11 42 (aprx 6NM NNE of A/D) sfc to 4700 ASL, ocsl by NOTAM.



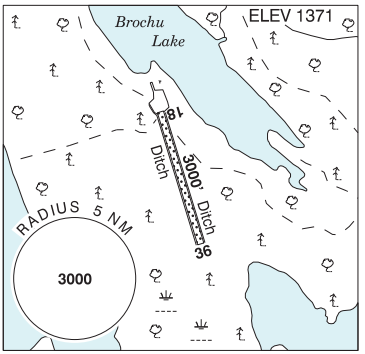
RENFREW (VICTORIA HOSP) ON (Heli) CPG9

REF	N45 28 57 W76 41 46 Adj W 13°W UTC-5(4) Elev 400' A1905 A5000
OPR	Renfrew Victoria Hosp 613-432-4851 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ dia asphalt 114´ dia Max heli overall length 57.5´
RCR	Opr
LIGHTING	DR RY(LO) RF(FH)
PRO	Arr/dep 328° fr heli, slope 8% (H1) day/night use.



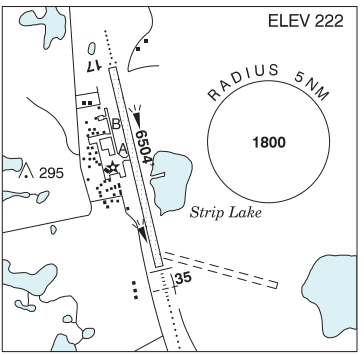
RÉSERVOIR GOUIN \ POURVOIRIE ESCAPADE QC — CGN2

REF	N48 25 43 W74 31 06 22SE Obedjiwan 15°W (2020) UTC-5(4) Elev 1371' A5009
OPR	Air Tunilik Inc. 514-316-4452 or 450-666-3718 Reg PPR Ldg fees
PF	B-1,2,5,7,8 D-3,4,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL, JA-1, MG-1 12-23Z‡ 100 1,4,5,6
RWY DATA **RCR**	Rwy 18(178°)/36(358°) 3000x50 GRVL Opr Ltd win maint.
COMM **ATF**	(bil) tfc 122.75 5NM 4400 ASL
CAUTION	Possibity of vehicles on Thld 18. Expect wind shear on apch Rwy 18. Heli prkg 0.2NM N of Thld 18.



RESOLUTE BAY NU — CYRB

REF	N74 43 01 W94 58 10 17°W (2023) UTC-6(5) Elev 222´ A5046 A5047 LO9 HI1 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC** **CARS** **WX**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526 867-252-3840 METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES **FUEL** **S**	Call out chg may be levied outside oprg hrs. JA-1 14-23Z‡ Mon-Fri exc hols O/T call out chg PN 867-252-3737/3925 Fax 867-252-3205. VISA/MasterCard/AMEX accepted. Credit by prior arng only 867-645-8400, allow 7 working days. 1,2,4,6
RWY DATA **RWY CERT** **TWY CERT** **TWY** **RCR**	Rwy 17(167°T)/35(347°T) 6504x197 GRVL Rwy 35 up 0.93% first 4700' and down 0.40% last 1800' Rwy 17/35 AGN IV Twy: A, B AGN IIIB Twy B rstd to acft with wingspans 118' or less. Maint contractor 867-252-3302/3616 A/D maint avbl 14-23Z‡ Mon-Fri Jun 1-Sep 30 & Mon-Sat Oct 1-May 31 O/T 12 hrs PN. Call-out chg may be levied. CRFI O/R PN 24 hrs.

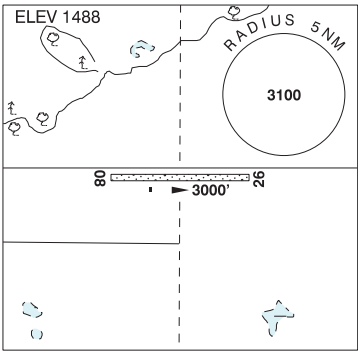


RESOLUTE BAY NU (Cont'd) CYRB

LIGHTING	17-AO(TE HI), 35-AN(TE HI)
COMM	
RCO	Edmonton rdo 126.7 (FISE) 5680
MF	aprt rdo 122.1 25NM 5300 ASL (CAR 602.98)
APRT RDO	122.1 (V)
NAV	
NDB	RB 350 (H) N74 44 49 W94 59 42
VOR/DME	YRB 112.1 Ch 58 N74 43 41 W94 55 22 (587') VOR oriented on True North
DME	IRB 110.3 Ch 40 N74 42 40 W94 57 35
ILS	IRB 110.3 (Rwy 35) RVR N74 43 59 W94 59 02 LOC reliable only within 10° either side of centreline.
CAUTION	Severe turbulence may occur on apch with gusty easterly winds. Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z. Extv migratory bird activity May-Oct.

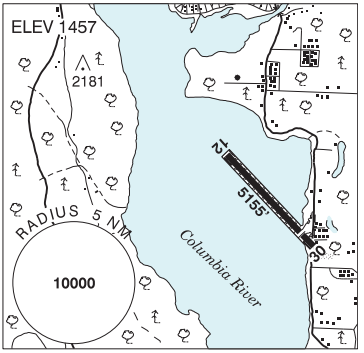
RESTON / R.M. OF PIPESTONE MB CRP2

REF	N49 34 50 W101 03 10 2NE 6°E (2020) UTC-6(5) Elev 1488´ A5007
OPR	R.M. of Pipestone 204-877-3327 Fax 204-877-3999 Reg
PF	C-1,2,5 D-4
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08/26 3000x70 GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4500 ASL
CAUTION	Lgtd tower 1850 ASL (375 AGL) 1.6NM SE of A/D.



REVELSTOKE BC CYRV

REF	N50 57 44 W118 11 04 1.7SSE 16°E (2014) UTC-8(7) Elev 1457´ A5005 LO2 RCAP
OPR	Columbia-Shuswap Regional District 250-837-7007 Reg
PF	A-1,6 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 WxCam
SERVICES	
FUEL	100LL, JA (FSII avbl) (Full/Self-serve, Visa, Mastercard, Amex) 250-837-7007
OIL	All
S	1,2,4,5,6 PN

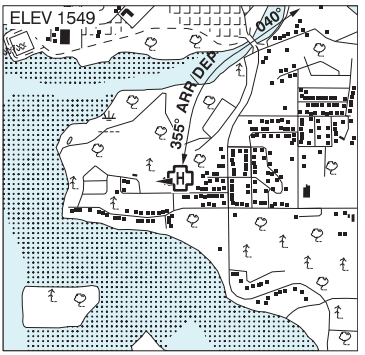


REVELSTOKE BC (Cont'd) CYRV

RWY DATA RCR	Rwy 12(120°)/30(300°) 5155x75 ASPH Thld 30 displ 654´. Opr Ltd win maint
COMM RCO ATF	 Pacific rdo 122.375 (FISE) 126.7 (bcst) tfc 122.8 5NM 4500 ASL
PRO	Rgt hand circuits Rwy 12 (CAR 602.96).
CAUTION	Migratory birds in vic of aprt fr aprx Aug-Nov.

REVELSTOKE (QUEEN VICTORIA HOSPITAL) BC (Heli) CQV3

REF	N50 58 40 W118 11 22 1.3SSE 15°E (2018) UTC-8(7) Elev 1549´ A5005
OPR	Queen Victoria Hospital 250-814-2297 Cert PPR
PF	A-1,2,4 C-3,5,6,7,8
FLT PLN FIC	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 86' dia GRASS Safety Area 115' dia Max heli overall length 57.4' Opr 250-837-1200



COMM RCO ATF	 Pacific rdo 122.375 (FISE) 126.7 (bcst) tfc 122.8 5NM 4600 ASL
PRO	Arr/dep curved 355° to 040° fr heli, slope 8% (H3).
CAUTION	Trees on both sides of arr/dep path.

REVILO ISLAND ON — See PARRY SOUND / REVILO ISLAND

RICHARD W. LeVAN ON — See WINGHAM / RICHARD W. LeVAN

RICHTER FIELD SK — See SASKATOON / RICHTER FIELD

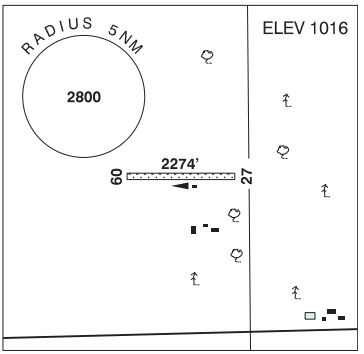
RIDEAU LAKES ON — See WESTPORT / RIDEAU LAKES

RIDEAU VALLEY AIR PARK ON — See KARS / RIDEAU VALLEY AIR PARK

RIDING MOUNTAIN MB

CRM2

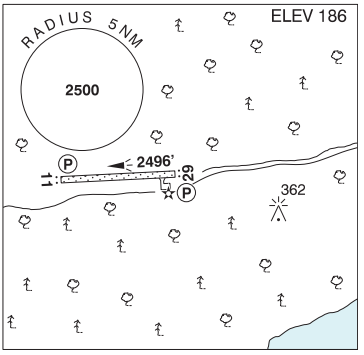
REF	N50 34 26 W99 21 39 5°E (2014) UTC-6(5) Elev 1016' A5007
OPR	Roland Kuip 204-967-2394 Reg PN
PF	C-1
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 09(085°)/27(265°) 2274x70 GRASS
RCR	Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 4100 ASL



RIGOLET NL

CCZ2

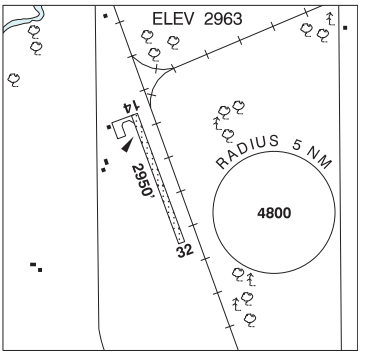
REF	N54 10 46 W58 27 26 Adj 20°W (2023) UTC-4(3) Elev 186´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	WxCam
RWY DATA	Rwy 11(108°)/29(288°) 2496x75 GRVL Rwy 29 up 0.6%
RWY CERT	Rwy 11/29 AGN II
RCR	Opr 10-19Z‡ Nov-Apr, 12-21Z‡ May-Oct O/T ctc opr 709-947-3434/3319
LIGHTING	11-AS(TE ME) AP, 29-AS(TE ME) AP ARCAL-122.8 type K, key mic 7 times for RIL.
COMM ATF	tfc 122.8 5NM 3200 ASL See PRO section
TML	Goose Bay 119.5 267.1 257T (E) 11-03Z‡ Mon-Sat O/T Gander Ctr
PRO	Rgt hand circuits Rwy 11 (CAR 602.96). A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	362´ twr 0.3NM ESE thld Rwy 29.



RIMBEY AB

CFC7

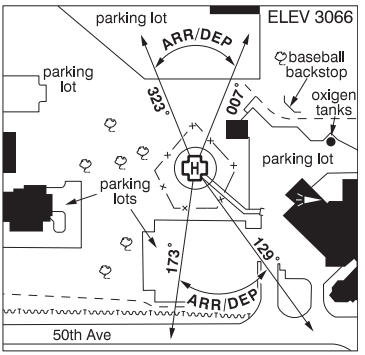
REF	N52 40 55 W114 14 15 2N 15°E (2012) UTC-7(6) Elev 2963´ A5015
OPR	R.V. Heaven & Marina 403-704-0339 Reg A/D clsd Oct 1-Apr 30
PF	A-1 C-2,3,4,5 D-6
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 14(145°)/32(325°) 2950x75 GRASS Opr
COMM **ATF**	 tfc 123.2 5NM 6000 ASL



RIMBEY (HOSPITAL & CARE CENTRE) AB (Heli)

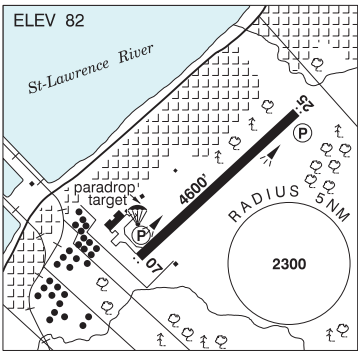
CRH5

REF	N52 38 25 W114 14 51 Adj NW 15°E (2013) UTC-7(6) Elev 3066´ A5015
OPR	Alberta Health Services 403-843-2271 Cert NVIS OPS AUTH PPR
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA	FATO 67' dia CONC/GRASS TLOF 31' dia CONC Safety Area 89' dia Max heli overall length 44.76' (CAR 602.96)
COMM **ATF**	 tfc 123.2 5NM centred on Rimbey A/D 2.5NM N 6000 ASL
PRO	Arr/dep 323° to 007° and 129° to 173° fr heli, (H1), NVIS rqrd for ngt use, all flt paths (CAR 602.96).
CAUTION	Marked and lgtd p-line E/W 260' S of heli. Trees 60' AGL adj W.



RIMOUSKI QC — CYXK

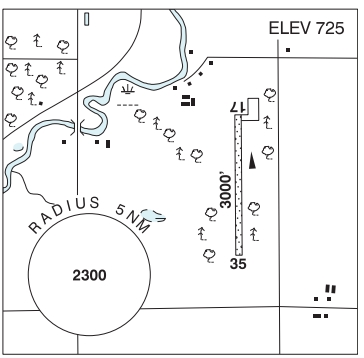
REF	N48 28 40 W68 29 47 1.8NE 18°W (2012) UTC-5(4) Elev 82´ A5010 LO7 CAP
OPR	Muni 418-724-3177 Reg
PF	A-1 B-2 C-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	13-22Z‡ Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1
OIL	All
S	1,4,6 Pilot lounge O/R 418-750-5103
RWY DATA	Rwy 07(066°)/25(246°) 4600x150 ASPH AGN IV
RCR	Opr 2 hrs PN outside normal business hrs PLR/PCN
LIGHTING	07-AS(TE LO) P1, 25-AS(TE LO) P1 ARCAL-122.1 type J
COMM	(bil)
RADIO	Mont-Joli 122.1 (V) (emerg only 418-775-0055)
MF	Mont-Joli rdo 122.1 PTC avbl 5NM joined to Mont-Joli MF circle by a corridor equal to the width of their diameter 3200 ASL (CAR 602.98), see Mont-Joli-Rimouski VTPC.
NAV	
DME	MONT-JOLI YYY 115.9 Ch 106 N48 36 44 W68 12 32 (168')
PRO	Rgt hand circuits Rwy 07 (CAR 602.96).
CAUTION	**Paramotors:** Activities between St-Fabien, Rimouski, Mont-Joli and Matane, sfc up to 500'ASL ocsl 1200'ASL.



RIVERLAND ON — See KINGSTON / RIVERLAND

RIVERTON MB — CKG2

REF	N50 58 18 W97 00 40 2S 3°E (2014) UTC-6(5) Elev 725´ A5007
OPR	Town of Riverton 204-378-2281 Reg
PF	C-1,2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL PN
S	4,5,6
RWY DATA	Rwy 17(177°)/35(357°) 3000x100 GRASS/GRVL/SNOW
RCR	Rick Eyolfson 204-378-2948

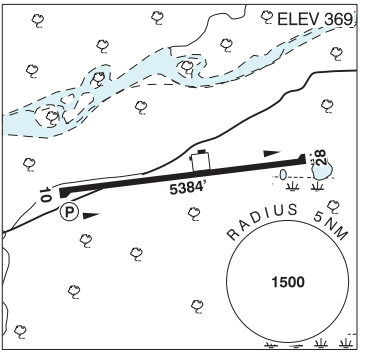


RIVERTON MB (Cont'd) CKG2

LIGHTING	17-(RR), 35-(RR) ARCAL-122.8 type J opr strobe guide lgt Rwy 35
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3800 ASL

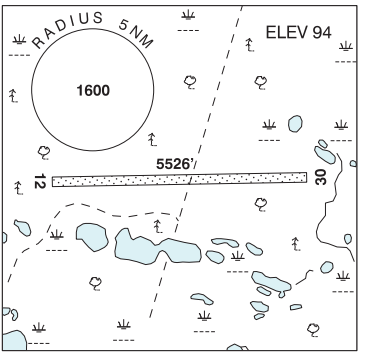
RIVIÈRE-AUX-SAUMONS QC CTH7

REF	N49 24 05 W62 17 43 1.5W 18°W (2022) UTC-5(4) Elev 369' A5011 LO7 LO8 HI6 RCAP
OPR	Safari Anticosti 418-907-9778 (Island), 418-225-9270 (St-Georges), 418-221-2281 Reg PPR
PF	C-1
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
RWY DATA	Rwy 10(101°)/28(281°) 5384x80 ASPH Rwy 10 up 0.32%
RCR	418-907-9778 A/D closed from Dec 2-May 14 Ltd win maint
LIGHTING	10-(LO) P1 2.5°, 28-AS(LO) PN
COMM	(bil)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.9 (May 15-Dec 1) 5NM 3400 ASL
CAUTION	Deer may be on the rwy.



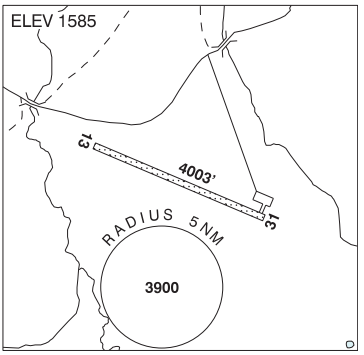
RIVIÈRE BELL QC CRB5

REF	N49 04 44 W62 14 13 20°W (2012) UTC-5(4) Elev 94´ A5011
OPR	SEPAQ Anticosti 418-535-0231 Reg PPR
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 12(123°)/30(303°) 5526x102 GRVL Rwy 30 up 0.60% first half
RCR	Opr Ltd maint
CAUTION	Wildlife in vic of rwy.



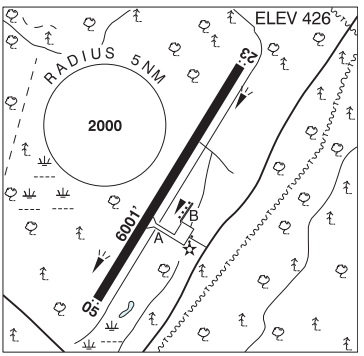
RIVIÈRE BONNARD QC — CRB4

REF	N50 42 16 W71 09 45 18°W (2015) UTC-5(4) Elev 1585´ A5010
OPR	Société de protection des forêts contre le feu (SOPFEU) 418-871-3304 Ext 5425 Fax 418-874-2629 Reg PPR A/D only oprg dur forest fire fighting ops
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 13(131°)/31(311°) 4003x98 GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4600 ASL



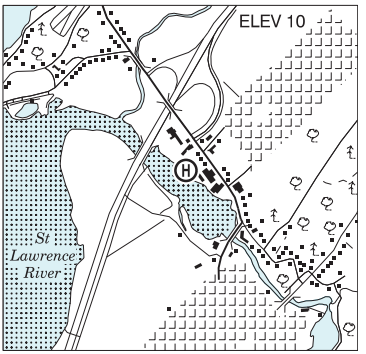
RIVIÈRE-DU-LOUP QC — CYRI

REF	N47 45 52 W69 35 04 4.5SSW 17°W (2013) UTC-5(4) Elev 426´ A5002 A5010 LO7 LO8 HI5 HI6 CAP
OPR	Aéropro 418-867-5001 Reg
PF	A-1,2,7,8 C-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO (see COMM) WxCam Webcam
SERVICES	13-22Z‡ Mar 1-May 31 & Sep 1-Nov 30; 13-23Z‡ Jun 1-Aug 31; 13-21Z Dec 1-Feb 28 O/T call out chg possible 418-867-5001/868-9338
FUEL	100LL, JA-1
OIL	W100, W100 Plus, 15W50, 20W50
S	4,5,6
SUP FL	D-Ice 2 hr PN
RWY DATA	Rwy 05(049°)/23(229°) 6001x150 ASPH
RCR	Opr or 418-868-9338 CRFI, PLR/PCN Call out chg
LIGHTING	05-AS(TE ME), 23-AS(TE ME) ARCAL-122.775 type K
COMM	(bil)
ATF	UNICOM ltd hrs O/T tfc 122.775 5NM 3500 ASL
PAL	Montréal Ctr 125.1 299.6
AUTO	122.025



RIVIÈRE-DU-LOUP QC (Heli) CSS2

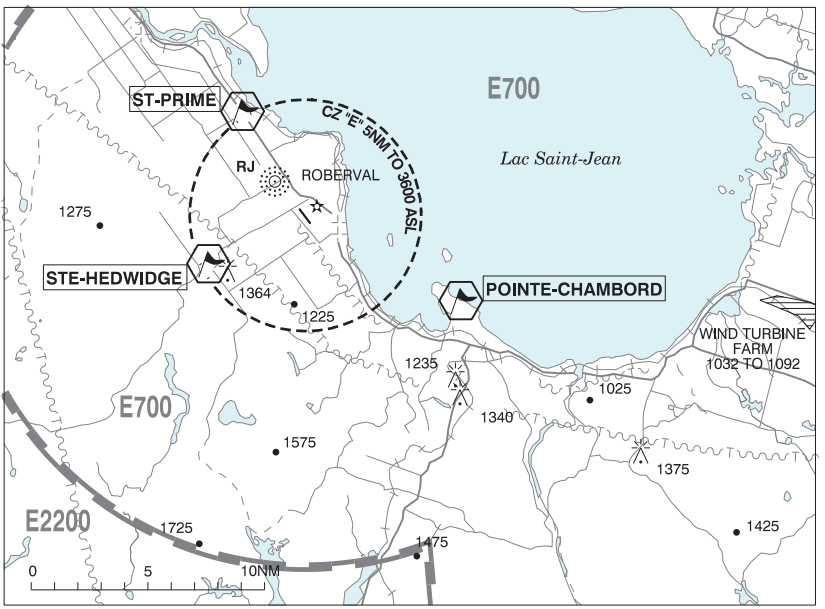
REF	N47 50 56 W69 32 32 17°W (2015) UTC-5(4) Elev 10´ A5002 A5010
OPR	Canadian Coast Guard 418-648-7488 Reg PPR 13-20Z Mon-Fri
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 70' x 70' CONC Safety Area 120' x 120' Opr



R.J. (BOB) ANDREW FIELD REGIONAL AB — See VIRDEN / R.J. (BOB) ANDREW FIELD REGIONAL

R.M. OF PIPESTONE MB — See RESTON / R.M. OF PIPESTONE

ROBERVAL VFR TERMINAL PROCEDURES CHART

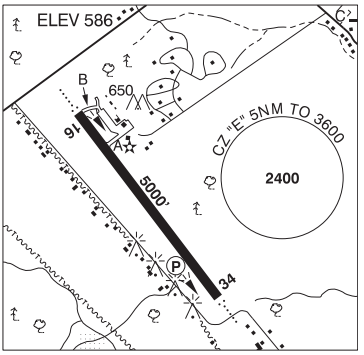


ROBERVAL VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
POINTE-CHAMBORD	VCHAM	N48° 27' 47" W072° 05' 17"
STE-HEDWIDGE	VCHDG	N48° 28' 50" W072° 21' 45"
ST-PRIME	VCSTP	N48° 35' 38" W072° 20' 12"

ROBERVAL QC CYRJ

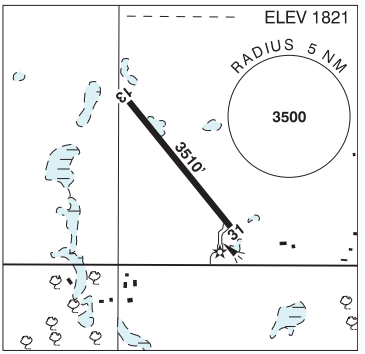
REF	N48 31 12 W72 15 57 2W 17°W (2013) UTC-5(4) Elev 586´ A5010 LO6 LO7 HI5 HI6 CAP
OPR	Services ADR Inc 418-275-2344 Cert
PF	A-6,7,8 C-1,2,3,4,5
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR H24. TAF 13-03Z‡, issue times: 13, 20Z (DT 12, 14, 20Z).



SERVICES	
FUEL	100LL, JA-1
OIL	15W50, W100, W100+, Turbine Oil
S	1,4,5,6
PVT ADV	Services ADR Inc 130.3 1200-2200Z‡ Mon-Fri, 1300-2100Z‡ Sat-Sun ltd availability.
RWY DATA	Rwy 16(160°)/34(340°) 5000x150 ASPH Rwy 16 down 0.52%
RWY CERT	Rwy 16/34 AGN IIIA
APRON	Advs Services ADR Inc on 130.3 for prkg. Ltd availability.
RCR	Opr 1200-2200Z‡ Mon-Fri 1300-2100Z‡ Sat-Sun. O/T for MEDEVAC 2 hr PN for RSC/CRFI, 3 hr PN for win maint. O/T for other acft 6 hr PN for RSC/CRFI and win maint. Call out chg 418-275-2344 PCN
LIGHTING	16-AO(TE ME), 34-AO(TE ME) P2 ARCAL-122.2 type K
COMM	(bil)
RCO	Rouyn rdo 122.2 PTC avbl (RAAS) 11-03Z‡ Québec rdo 123.55 5680 (FISE) 126.7 (bcst)
MF	Rouyn rdo 11-03Z‡ O/T tfc 122.2 5NM 3600 ASL (CAR 602.98)
NAV	
NDB	RJ 378 (M) N48 32 41 W72 17 40
CAUTION	Powerline W of thld Rwy 34 infringes lateral zoning.

ROBLIN MB — CKB7

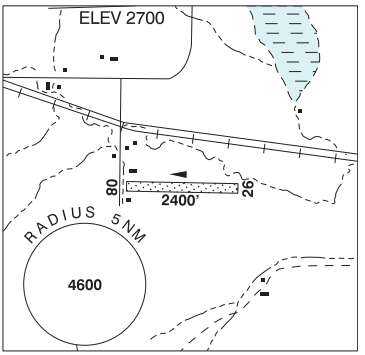
REF	N51 14 04 W101 23 33 Adj W 7°E (2012) UTC-6(5) Elev 1821´ A5006 A5007 LO4
OPR	Roblin Aprt Comsn 204-937-8333 Ext 223 Fax 204-937-4382 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL
RWY DATA RCR	Rwy 13(134°)/31(314°) 3510x75 ASPH B. Case 204-937-4755
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 4900 ASL



ROCKCLIFFE ON — See OTTAWA / ROCKCLIFFE

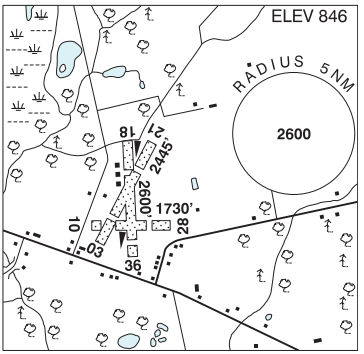
ROCKGLEN SK — CKC7

REF	N49 10 W105 56 1.2SE 10°E (2015) UTC-6 Elev 2700´ A5006
OPR	Rockglen Council 306-476-2144 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(080°)/26(260°) 2400x150 GRASS Opr No win maint.
COMM ATF	tfc 123.2 5NM 5700 ASL



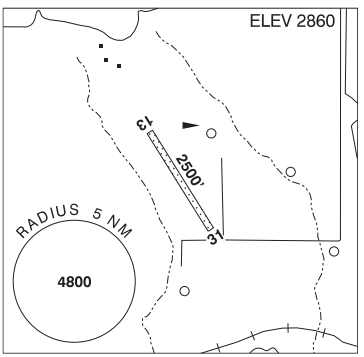
ROCKTON ON CPT3

REF	N43 19 20 W80 10 35 1.5W 10°W UTC-5(4) Elev 846´ VTA A5000
OPR	SOSA Gliding Club 519-740-9328 Reg PPR
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 03/21 2445x200 GRASS Thld 03 displ 550´. Thld 21 displ 600´. Rwy 18/36 2600x200 GRASS Thld 18 displ 650´. Thld 36 displ 250´. Rwy 10/28 1730x200 GRASS Thld 10 displ 300´. Thld 28 displ 400´.
RCR	Opr No win maint. Rwys soft when wet & in spring.
COMM ATF	UNICOM ltd hrs O/T tfc 122.725 5NM 3800 ASL
PRO	**Rgt hand circuits for powered aircraft** (CAR 602.96). Gliders std left hand circuits. Glider activity. Significant glider activity Mar-Dec.
CAUTION	Trees 60 AGL aprx 225´ fr Thld 21. Extv wind shear on apch Rwy 21 with wind fr 210°. Wind blanking fr hg left side rwy on tkof Rwy 36. Active winch launched gliders, cable to 2800 ASL within 1NM.



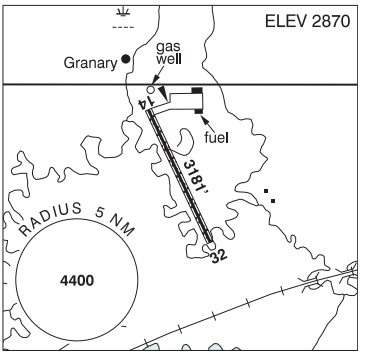
ROCKYFORD AB CFC6

REF	N51 15 35 W113 06 49 1.5NE 15°E (2012) UTC-7(6) Elev 2860´ VTA A5005
OPR	Katterhagen Farms Ltd 403-533-2232 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 13(133°)/31(313°) 2500x45 GRASS
RCR	Opr
COMM ATF	tfc 123.2 5NM 5900 ASL



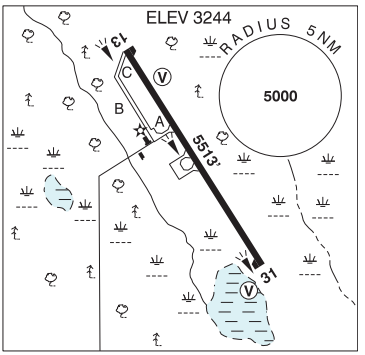
ROCKYFORD / EARLY BIRD AIR AB — CEB4

REF	N51 10 40 W113 16 45 6.2WSW 14°E (2014) UTC-7(6) Elev 2870' VTA A5005
OPR	Calvin Murray 403-325-0224 or 403-533-2400 Reg PPR
PF	B-1,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100, JA
S	5,6 PPR
RWY DATA	Rwy 14(141°)/32(321°) 3181x75 ASPH/GRASS ASPH 35' centre of rwy full length GRASS 20' on each side.
RCR	Opr Ltd win maint.
COMM	
ATF	tfc 123.4 5NM 6000 ASL
CAUTION	Granary 900' NW of Thld 14.

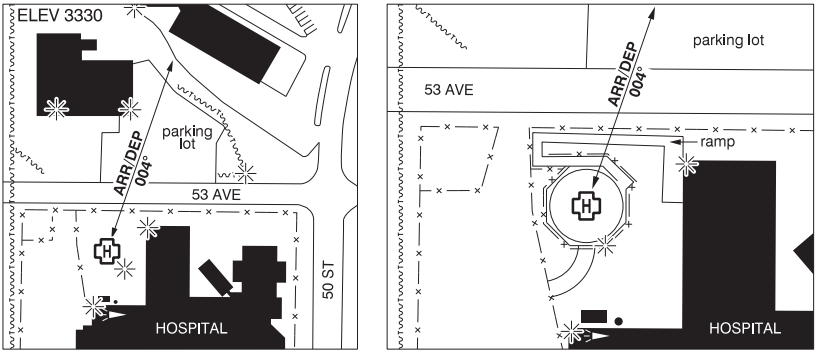


ROCKY MOUNTAIN HOUSE AB — CYRM

REF	N52 25 47 W114 54 15 3NNE 15°E (2014) UTC-7(6) Elev 3244´ A5015 LO2 HI3 CAP
OPR	Town 403-845-4742 Reg
PF	B-1 C-1,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	AUTO (see COMM) WxCam
SERVICES	
FUEL	100LL, JB (FSII avbl), SP Vertical Extreme Fuels 403-819-7285
S	1,2,3,4,5,6
RWY DATA	Rwy 13(132°)/31(312°) 5513x100 ASPH AGN IIIA
RCR	Opr CRFI Maint avbl 15-23Z‡ Mon-Fri exc hols O/T 2 hrs PN, call out chg may apply. PLR.
LIGHTING	13-(TE ME) V2, 31-(TE ME) V2 ARCAL-122.8 type K
COMM	
MF	tfc 122.8 5NM 6300 ASL (CAR 602.98)
PAL	Edmonton Ctr 134.3
AUTO	131.975
NAV	
VOR/DME	YRM 114.3 Ch 90 N52 30 08 W115 19 25 (3543´)
CAUTION	Extv aerobatic activity overhead the aprt extending to 1NM E of rwy, sfc to 8000 ASL. Wildlife may be on or in vic rwy. Water bomber activity at or in vic of A/D Apr thru Sep.

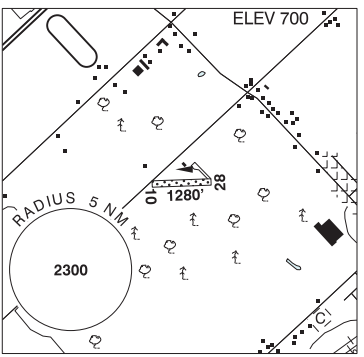


ROCKY MOUNTAIN HOUSE (GEN HOSP) AB (Heli) CEU4



REF	N52 22 44 W114 55 15 15°E (2013) UTC-7(6) Elev 3330' A5015
OPR	FM&E AHS 403-895-1100 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia non-supporting TLOF 57' dia CONC Safety Area 115' dia Elevated heli 17,000 lbs Max heli overall length 57.4'
LIGHTING	RY(LO) Yellow LED
COMM	
MF	Rocky Mountain House tfc 122.8 5NM centered on Rocky Mountain House A/D 3NM N 6300 ASL (CAR 602.98)
PRO	Arr/dep 004° fr heli, slope 6% (H3), day/night use (CAR 602.96)
CAUTION	Unlgtd p-lines aprx 150' W of heli. P-lines aprx 225' NNE of heli, E pole lgtd.

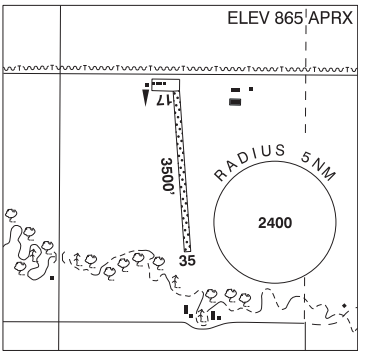
RODNEY / PINDER AIRFIELD ON CPN2



REF	N42 34 19 W81 42 01 Adj WNW 8°W (2023) UTC-5(4) Elev 700' A5000
OPR	Bryan Pinder 519-785-2097 Reg PN
PF	C-1,2,4,5,7,8 D-3,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	2,4,5,6
RWY DATA	Rwy 10(096°)/28(276°) 1280x65 GRASS
RCR	Opr No win maint. Soft when wet.
COMM	
ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Cultivated field both sides of rwy. Road on apch to Rwy 10.

ROLAND (GRAHAM FIELD) MB — CKD7

REF	N49 24 30 W97 59 26 4NW 4°E (2014) UTC-6(5) Elev 865´ aprx VTA A5007
OPR	J.A. Graham 204-745-6000 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(172°)/35(352°) 3500x70 GRASS Opr Ltd win maint
COMM ATF	Roland tfc 123.2 5NM 3900 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	Trees 350' S of thld Rwy 35.



ROLPH ON — See DEEP RIVER / ROLPH

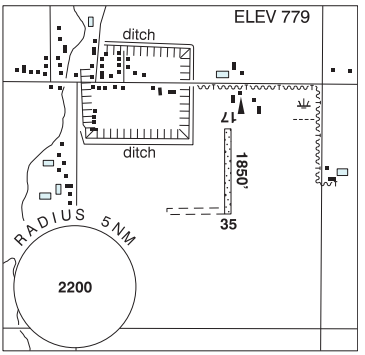
RONAN ON — See TOTTENHAM / RONAN

RONAN AIRCRAFT ON — See BRECHIN / RONAN AIRCRAFT

ROSEHILL ON — See ORANGEVILLE / ROSEHILL

ROSENORT MB — CKJ2

REF	N49 27 11 W97 25 21 Adj SE 5°E UTC-6(5) Elev 779´ VTA A5007
OPR	H. Thiesen 204-746-8690/6736 Reg
PF	C-1,2
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 17(175°)/35(355°) 1850x40 GRASS/GRVL, centre 18' GRVL Opr Ltd win maint.
LIGHTING	17-(LO), 35-(LO) O/R Opr

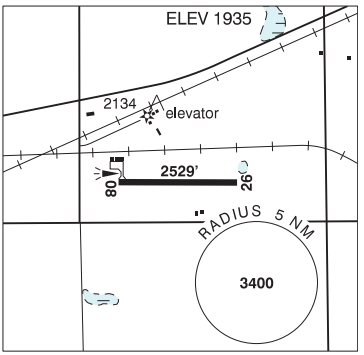


ROSENORT MB (Cont'd) CKJ2

COMM ATF	tfc 123.2 5NM 3800 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.

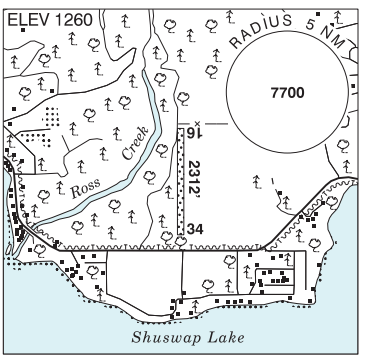
ROSETOWN SK CJX4

REF	N51 33 52 W107 55 00 3NE 11°E (2017) UTC-6 Elev 1935´ A5006 LO2 CAP
OPR	Provincial Airways 306-882-3830 (After hrs 306-831-4060) Reg PN
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	1,4,5
RWY DATA RCR	Rwy 08(079°)/26(259°) 2529x75 ASPH AGN II Opr Ltd win maint
LIGHTING	08-(TE LO), 26-(LO) ARCAL-122.8 type J. Rwy lgts positioned 15´ outside of rwy edge.
COMM ATF	tfc 122.8 5NM 5000 ASL
PRO	Periodic extv model acft activity. Activate ARCAL & overfly the A/D at 1000 AGL prior to ldg.
CAUTION	Ocsl severe turbulence caused by elevator when wind from N or NW.



ROSS CREEK BC CRC3

REF	N50 57 57 W119 13 32 2.4E 16°E (2015) UTC-8(7) Elev 1260' A5005
OPR	Ross Creek Landing Ltd 604-996-2939 Reg PPR
PF	C-2,5 D-4
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	4,5
RWY DATA RCR	Rwy 16(164°)/34(344°) 2312x70 GRVL/GRASS Rwy 34 up 1.73% Opr No win maint

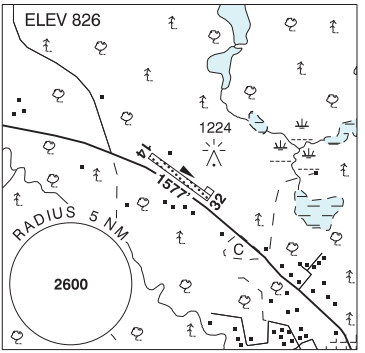


ROSS CREEK BC (Cont'd) CRC3

COMM ATF	tfc 123.2 5NM 3000 ASL
CAUTION	Hills N of A/D. Trees to 40' S of Thld 34. Trees to 50' W of rwy. Ditches on either side of rwy. Wildlife on rwy.

ROSSEAU ON CRS4

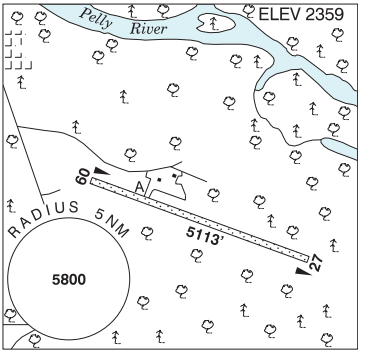
REF	N45 16 09 W79 39 21 Adj NW 11°W (2015) UTC-5(4) Elev 826' A5000
OPR	Ron Brent 705-644-7040 Reg PPR
PF	B-1 C-2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 14(137°)/32(317°) 1577x60 GRVL Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 122.8 5NM 3900 ASL
CAUTION	Twr 1224 ASL (345 AGL) 800' NE of aprt ctr. Watch for heavy eqpt on rwy.



ROSS AB — See COUTTS / ROSS

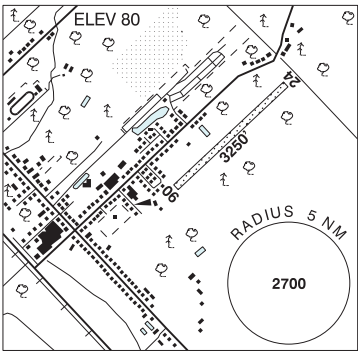
ROSS RIVER YT CYDM

REF	N61 58 14 W132 25 20 1S 19°E (2024) UTC-7 Elev 2359´ A5028 LO5 RCAP
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	A-1 C-2,4,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES S	Fuel stor by permit only ctc opr 4,5,6
RWY DATA RCR	Rwy 09(091°)/27(271°) 5113x100 GRVL Opr No maint
COMM ATF	tfc 123.2 5NM 5400 ASL
CAUTION	High gnd penetrates apch slope aprx 2NM fr thld of Rwy 27.



ROUGEMONT QC

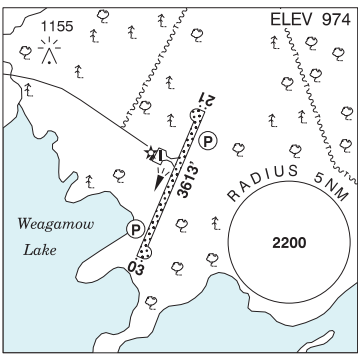
CTY5



REF	N45 26 20 W73 02 14 15°W (2012) UTC-5(4) Elev 80´ VTA A5002
OPR	Benoit Tétreault 450-777-2074 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN FIC ACC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. IFR clearance or activation 514-633-3271.
SERVICES S	1,2,4,5,6
RWY DATA RCR	Rwy 06(063°)/24(243°) 3250x65 GRVL/GRASS Centre 20' GRVL Opr No win maint
LIGHTING	LO non-std O/R
COMM ATF	tfc 123.2 5NM 3100 ASL
PRO	Rgt hand circuits Rwy 06 (CAR 602.96)
CAUTION	**Wildlife:** Possibility of animals on rwy. **Traffic:** Possibility of heli movements near rwy. **Airspace:** A/D within CYA 623(H), sfc to 3000 ASL, cont daylight.

ROUND LAKE (WEAGAMOW LAKE) ON

CZRJ

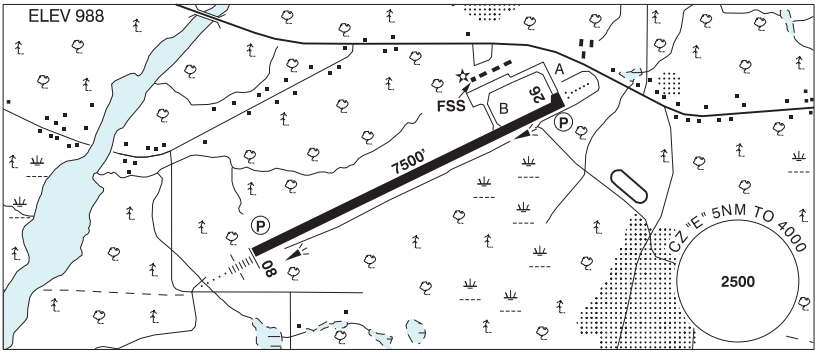


REF	N52 56 37 W91 18 45 1E 3°W (2009) UTC-6(5) Elev 974´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-469-5221 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN FIC WX	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) WxCam
RWY DATA RWY CERT RCR	Rwy 03(026°)/21(206°) 3613x100 GRVL Rwy 03 up 0.53% Rwy 03/21 AGN IIIA Aprt Foreperson 807-627-9737 or Opr Ltd maint 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal and/or climatic variations
LIGHTING	03-AS(TE ME) AP, 21-AS(TE ME) AP ARCAL-123.2 type K

ROUND LAKE (WEAGAMOW LAKE) ON (Cont'd) CZRJ

COMM	
ATF	Round Lake tfc 123.2 5NM 4000 ASL
CAUTION	Unmarked unlgtd p-line aprx 4000' E Thld 21 and aprx 1500' N of rwy centreline 1002 ASL to 1156 ASL. Water A/D 1.4NM WNW.

ROUYN-NORANDA QC CYUY



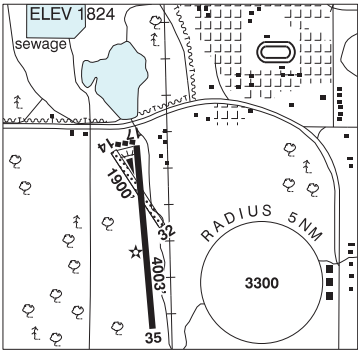
REF	N48 12 22 W78 50 08 7.5ESE 13°W UTC-5(4) Elev 988´ A5009 LO4 LO7 HI1 HI4 HI5 CAP
OPR	Muni 819-762-8171 (administration), 819-797-7141 (operation) Cert
PF	A-1,2,3,6 C-5 D-4
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	11-01Z‡ Mon-Fri, 12-21Z‡ Sat-Sun exc hols 819-277-5925, O/T call out chg 1 hr PN 819-762-0811
FUEL	100LL, JA-1
OIL	All
S	1,2,4,5
SUP FL	D-Ice
RWY DATA	Rwy 08(077°)/26(257°) 7500x150 ASPH
RWY CERT	Rwy 08 RVR 1200(1/4sm)/Rwy 26 RVR 1200(1/4sm) AGN IV
RCR	Opr 10-04Z‡, O/T 1 hr PN for CRFI & 2 hrs PN for win maint call out chg 888-333-0273 PCN
LIGHTING	08-AN(TE HI) P2, 26-AO(TE HI) P2
COMM	(bil)
RADIO	Rouyn 122.2 PTC avbl (V) (emerg only 819-764-4664)
RCO	Québec 123.475 (FISE) 126.7 (bcst)
MF	rdo 122.2 5NM 4000 ASL (CAR 602.98)
NAV	
NDB	Rouyn YUY 218 (M) N48 10 22 W78 56 19
DME	Rouyn IUY 109.9 Ch 36 N48 12 40 W78 49 05 (1004´)
LOC	IUY 109.9 (Rwy 08) LOC reliable only within 10° either side of centreline.
PRO	Reduced Visibility Operations Plan (RVOP) No limitation.

ROUYN FSS – RCO

Roberval 122.2 (RAAS) 11-03Z‡ (N48 31 W72 15)
St-Hubert 118.4 (RAAS) 05-1045Z‡ Tue-Sat, 03-1045Z‡ Sun-Mon Apr-Oct; 04-1045Z‡ Tue-Sat, 01-1045Z‡ Sun-Mon Nov-Mar (N45 31 W73 25)
Val-d'Or 118.5 (RAAS) 0325-1030Z‡ (N48 03 W77 47)

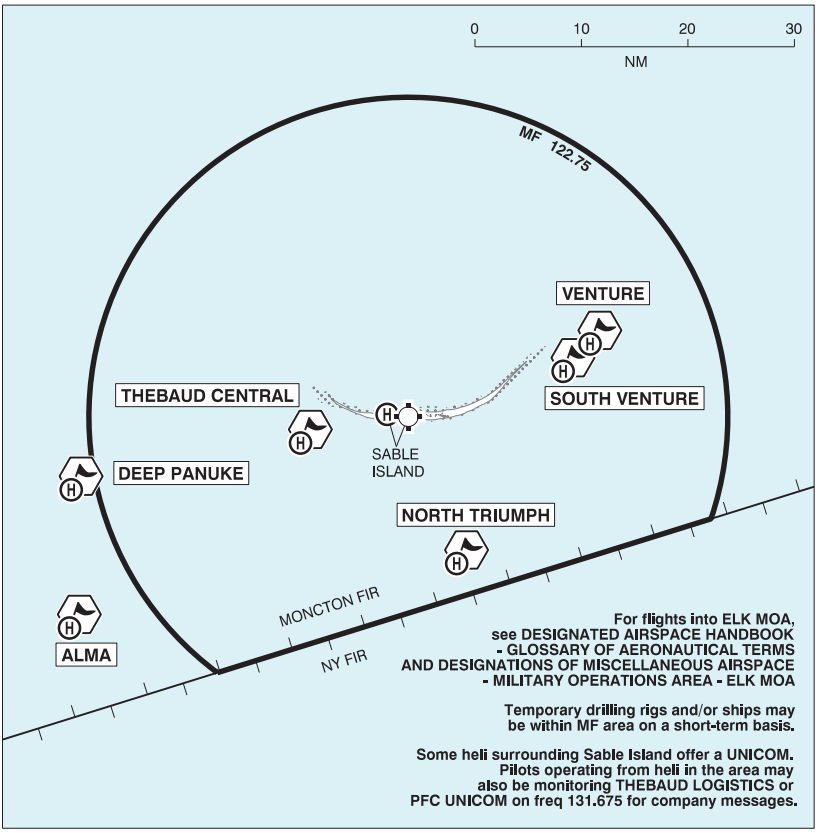
RUSSELL MB CJW5

REF	N50 45 51 W101 17 39 Adj SW 7°E (2015) UTC-6(5) Elev 1824´ A5007 LO4 CAP RCAP
OPR	Russell Flying Club 204-773-2707 Reg
PF	B-1 C-2,3,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL, JA All 1,2,3,4,5,6
RWY DATA **RCR**	Rwy 17(168°)/35(348°) 4003x75 ASPH Rwy 14(140°)/32(320°) 1900x75 GRASS/SNOW Town 204-773-2253 14-23Z‡ Mon-Fri Rwy 14/32 no win maint, ltd sum maint, may be u/s dur spring.
LIGHTING	17-(TE LO), 35-(TE LO) Lgt on SS to SR
COMM **ATF**	 UNICOM 14-23Z‡ Mon-Fri, O/T tfc 122.8 5NM 4900 ASL



RUSSELL-BURNETT QC — See MATANE / RUSSELL-BURNETT

SABLE ISLAND VFR TERMINAL PROCEDURES CHART

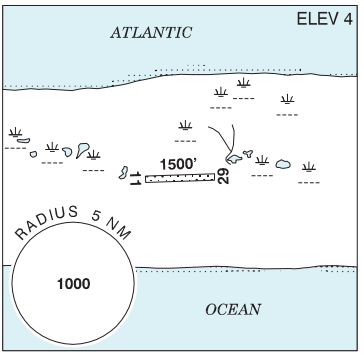


NAME	IDENT	LAT/LONG
ALMA	VCALM	N43° 35' 47" W060° 41' 22"
DEEP PANUKE	VCDPN	N43° 48' 46" W060° 41' 18"
NORTH TRIUMPH	VCNTR	N43° 41' 58" W059° 51' 19"
SOUTH VENTURE	VCSVE	N44° 00' 00" W059° 37' 26"
THEBAUD CENTRAL	VCTHB	N43° 53' 17" W060° 11' 35"
VENTURE	VCVEN	N44° 02' 00" W059° 34' 55"

SABLE ISLAND NS

CSB2

REF	N43 55 46 W59 57 35 7E 17°W (2021) UTC-4(3) Elev 4' A5003 CAP
OPR	Parks Canada 902-492-4678 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF 09-01Z‡, issue times: 09, 14, 20Z (DT 08, 14, 20Z) WxCam 2.1W (CWSA)
PF	D-1
RWY DATA	Rwy 11(105°)/29(285°) 1500x40 SAND AGN II
RCR	Opr Sand may not be firm enough for acft



COMM	
MF	tfc 122.75 30 NM irregular shape 3000 ASL (CAR 602.98) see Sable Island VTPC
A/G	122.9 Ltd hrs
AWOS	118.2
CAUTION	Windsocks dur flt ops only, on vehicle adj to rwy thld. Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z.

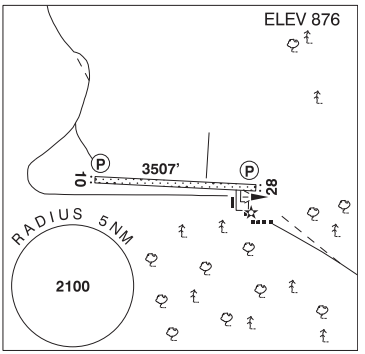
SABLE ISLAND NS (HELI)

CST5

REF	N43 55 59 W60 00 20 18°W (2014) UTC-4(3) Elev 15´ A5003
OPR	Parks Canada 902-492-4678 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR AUTO H24 (see COMM) (CWSA) TAF 09-01Z‡, issue times: 09, 14, 20Z (DT 08, 14, 20Z) (CWSA) WxCam (CWSA)
SERVICES	
FUEL	JA PPR 902-492-4678
HELI DATA	80´ dia CONC
RCR	902-482-8600
LIGHTING	RF(LO) FL
COMM	
MF	tfc 122.75 30 NM irregular shape 3000 ASL (CAR 602.98) see Sable Island VTPC
A/G	UNICOM 122.9
AWOS	118.2
CAUTION	May be closed due to wildlife. 2nd helipad located 2500' E not maintained. Dly radiosonde balloon launches with an ascent rate of 1000 ft/min 1115-1345Z & 2315-0145Z.

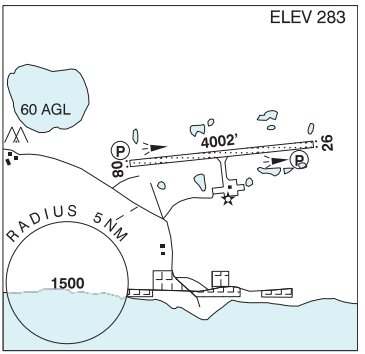
SACHIGO LAKE ON — CZPB

REF	N53 53 28 W92 11 47 1.5N 2°W UTC-6(5) Elev 876´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-595-2558 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 10(095°)/28(275°) 3507x100 GRVL Rwy 10 up 0.44% first 2772' then down 0.59%
RWY CERT	Rwy 10/28 IIIA
RCR	Aprt Foreperson 807-627-6930 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal and/or climatic variations.
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3900 ASL



SACHS HARBOUR (DAVID NASOGALUAK JR. SAARYUAQ) NT — CYSY

REF	N71 59 37 W125 14 29 Adj N 20°E (2020) UTC-7(6) Elev 283' A5040 A5041 A5045 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt 877-989-1400 1700-1815Z‡ Mon, 2230-2345Z‡ Tue & Thu, exc hols, O/T 1 hr PN ctc 867-690-4351/3010, 867-786-0157. Call out chg may be levied. Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-690-4261 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 16-24Z‡ Mon-Sat, issue times: 16, 19Z (DT 15,19Z). TAF 16-19Z‡ Sun, issue times: 16Z‡.
SERVICES	Call out chg may be levied
FUEL	JA Mon-Fri 18-01Z‡, Sat 20-22Z‡ 867-690-4222 O/T 867-688-9749, 867-689-7714 PN
RWY DATA	Rwy 08(084°T)/26(264°T) 4002x98 GRVL Rwy 08 down 0.33%
RWY CERT	Rwy 08/26 IIIA
TWY CERT	Twy A II
RCR	Opr Win maint 16-24Z‡ Mon-Fri exc hols, O/T 1 hr PN, 867-690-4351/3010, 867-786-0157. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.



SACHS HARBOUR (DAVID NASOGALUAK JR. SAARYUAQ) NT (Cont'd) CYSY

LIGHTING	08-AS(TE ME) P1, 26-AS(TE ME) P1 ARCAL-122.1 type K AS lgt avbl on hi ints only.
COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3300 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-24Z‡ Mon-Sat, 14-19Z‡ Sun.
NAV	
NDB	YSY 321 (M) N71 59 29 W125 18 52

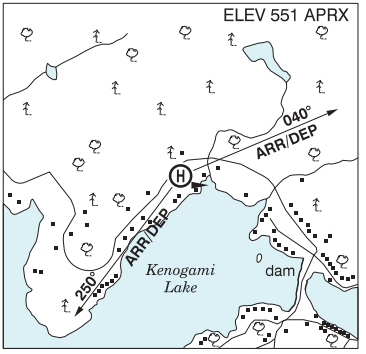
SAFRON FARMS AB — See MARKERVILLE / SAFRON FARMS

SAGARD QC (Heli) CSG9

REF	N47 59 27 W70 04 39 18ºW UTC-5(4) Elev 785' A5010 CAP
OPR	Canadian Helicopters Ltd 514-919-9930 Reg PPR
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
HELI DATA	FATO/TLOF 90' dia CONC Safety Area 150' dia
RCR	Opr
LIGHTING	RY(LO) (green) FH
COMM	
ATF	tfc 123.2 5NM 1800 ASL
PAL	(bil) Montréal Ctr 125.1 299.6
PRO	Arr/dep 030º & 210º fr heli.
CAUTION	P-lines 500' E of heli 150 AGL

SAGUENAY / OLIGNY QC (Heli) COL5

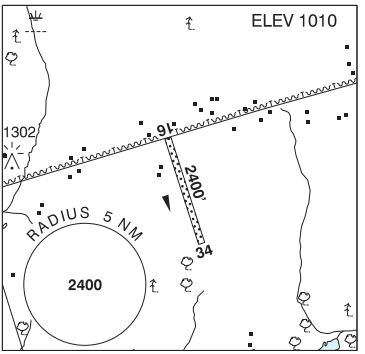
REF	N48 18 58 W71 13 21 9WSW 17°W (2018) UTC-5(4) Elev 551´ aprx A5010
OPR	Sylvain Oligny 514-943-7912 Reg PPR
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 45' x 45' CONC Safety Area 80' x 80' Max heli overall length 37.86'
RCR	Opr Ltd win maint



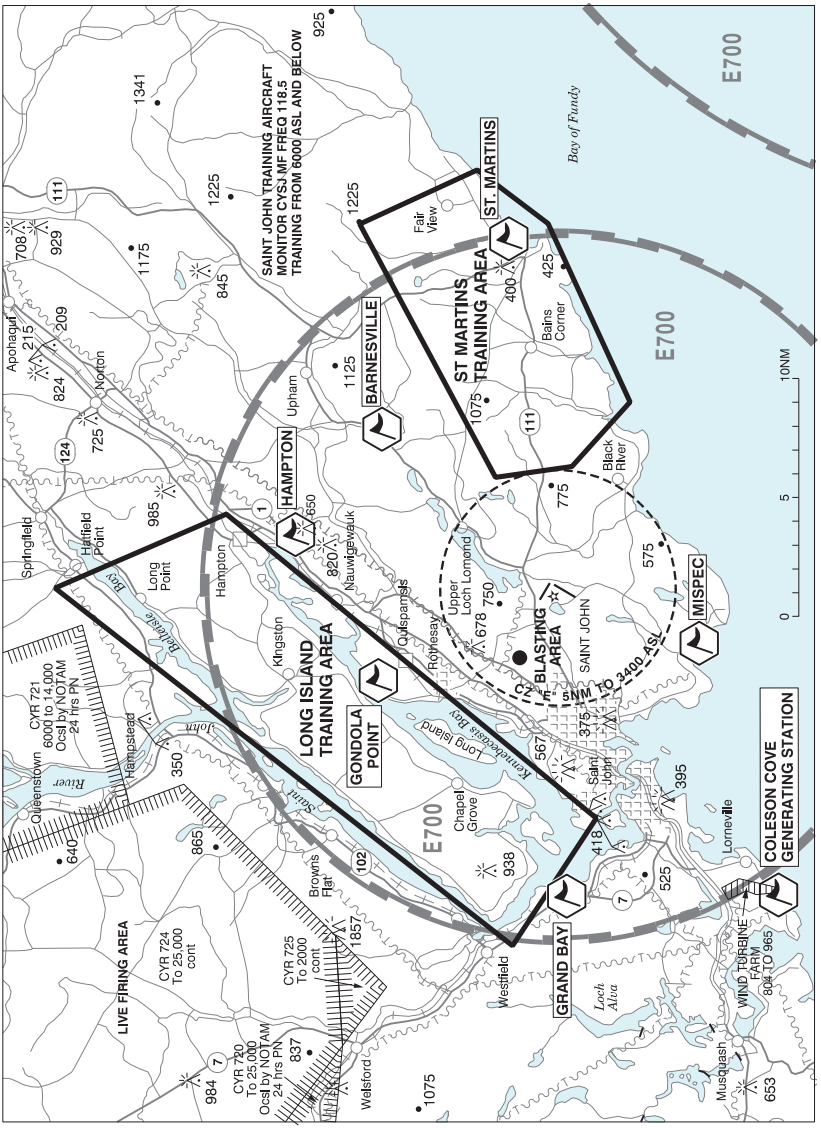
COMM	
TWR	Bagotville 126.2
VFR ADV	Bagotville Tml 121.2
PRO	Arr/dep 040° & 250° fr heli, day use only. Refer to Bagotville VTPC

SAINTFIELD / STONE ON CST4

REF	N44 11 28 W79 00 54 Adj E 11°W (2022) UTC-5(4) Elev 1010' A1900 A5000
OPR	Robert Stone 905-441-7771 Reg PPR
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 16(170°)/34(350°) 2400X60 GRASS
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 3NM 4100 ASL excluding Greenbank (CNP8) ATF area
CAUTION	P-lines to N along road. Lgtd twr 1302 ASL (344 AGL) 0.8NM WNW



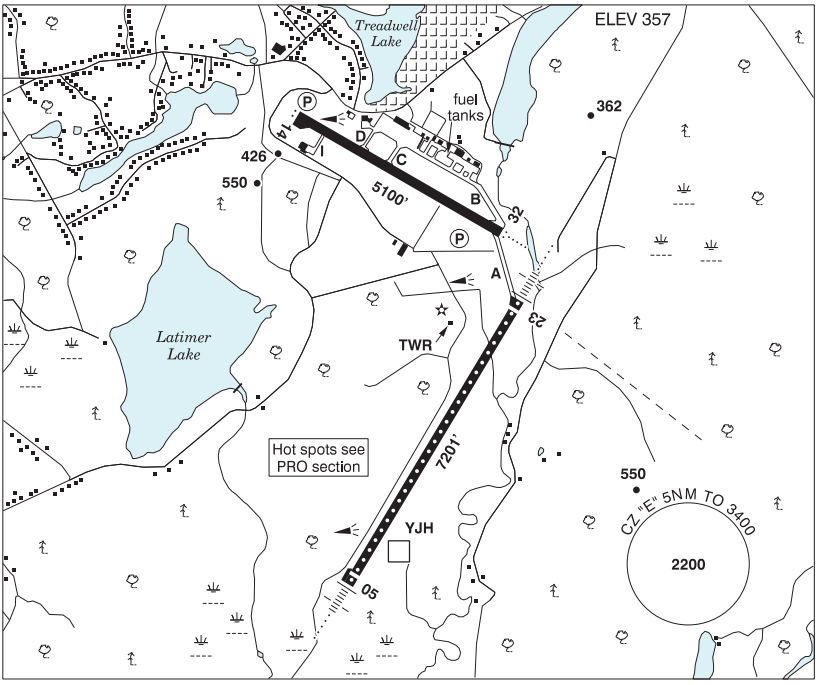
SAINT JOHN VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



SAINT JOHN VFR TERMINAL PROCEDURES CHART - TRAINING AREAS (Cont'd)

NAME	IDENT	LAT/LONG
BARNESVILLE	VCBRN	N45° 26' 30" W065° 44' 00"
COLESON COVE GENERATING STATION	VCCGS	N45° 09' 18" W066° 12' 00"
GONDOLA POINT	VCGON	N45° 26' 12" W065° 59' 00"
GRAND BAY	VCBAY	N45° 18' 42" W066° 11' 36"
HAMPTON	VCHPN	N45° 29' 42" W065° 50' 06"
MISPEC	VCMIS	N45° 12' 48" W065° 56' 48"
ST. MARTINS	VCSTM	N45° 20' 54" W065° 32' 48"

SAINT JOHN NB CYSJ



REF	N45 18 57 W65 53 24 8ENE 18°W (2014) UTC-4(3) Elev 357′ A5003 LO8 HI6 CAP OC
OPR	Saint John Airport Inc 506-638-5555 0930-0359Z‡ Cert
PF	A-1,2,3,6,7 09-04Z‡ C-4,5
CUST	AOE/120 (140 with staged off-loading) 888-226-7277 12-04Z‡

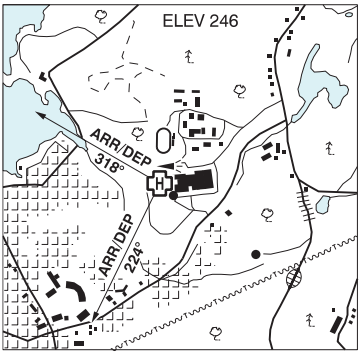
SAINT JOHN NB (Cont'd) CYSJ

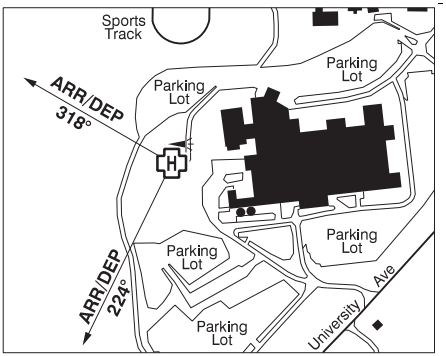
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL H24 self-serve, JA (FSII avbl) 12-21Z‡ Mon-Fri, JA-1 (FSII avbl) 08-24Z‡
OIL	All
S	1(ltd, for lgt acft),2,4,5,6
ARFF	PARTICIPATING CAT 5 10-04Z‡, O/T call out chg.
JASU	CE8, CA2
PVT ADV	Atlantic Flt Centre 123.3 12-21Z‡ Mon-Fri 506-634-5565 O/T 506-650-8402, exc hols; Air Canada Ground Handling 130.37 506-632-1524
MIL CON	ASIG Canada (Irving Oil) 506-653-7409
RWY DATA	Rwy 05(049°)/23(229°) 7201x148 ASPH Thlds 05 & 23 displ 197' Rwy 14(138°)/32(318°) 5100x148 ASPH Rwy 14 down 0.84% Rwy 14/32 avbl as twy dur night when Rwy 05/23 RVR 1200(1/4sm) down to 600(1/8sm) RESA: All Rwys 492'
RWY CERT	Rwy 05 RVR 600(1/8sm)/Rwy 23 RVR 600(1/8sm) AGN IV Rwy 14 RVR 1200(1/4sm)/Rwy 32 RVR 1200(1/4sm) AGN IV
TWY CERT	Twy I AGN IIIB
TWY	Twy I Pvt
RCR	Opr CRFI and win maint avbl ltd hrs. PLR/PCN
LIGHTING	05-AN(TE HI CL), 23-AN(TE HI CL), 14-AS(TE ME) P2, 32-AO(TE ME) P2
COMM	
RADIO	118.5 236.6 PTC avbl (E) (emerg only 506-646-7225)
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
MF	rdo 118.5 5NM 3400 ASL (CAR 602.98)
PAL	Moncton Ctr 124.3 135.5 270.8
NAV	
DME	YJH 112.2 Ch 59 N45 18 15 W65 53 28 (312')
ILS	ISJ 110.5 (Rwy 23) RVR LOC reliable only within 10° either side of centreline; IDM 108.3 (Rwy 05) RVR LOC reliable only within 10° either side of centreline.
PRO	Pursuant to CAR 602.96, in vis conds blw 1/8sm with an RVR of 600 or greater, an IFR clnc must be obtained prior to taxiing for dep and acft are not auth to taxi when another acft is on the maneuvering area, or on apch to any rwy. Ctc CYSJ FSS for tfc status. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. **Reduced/Low Visibility Procedures:** See CAP

SAINT JOHN FSS -RCO

Fredericton 119.0 (RAAS) 0345-1045Z‡ (N45 52 W66 32)

SAINT JOHN (SAINT JOHN REGIONAL HOSPITAL) NB (Heli) CSN6

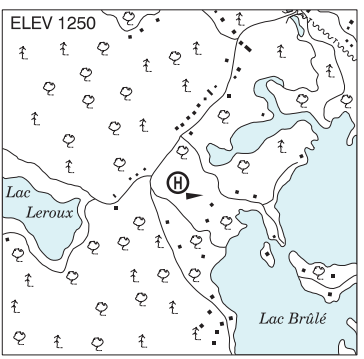




REF	N45 18 08 W66 05 17 1.5N 18°W (2013) UTC-4(3) Elev 246´ A5003
OPR	Saint John Regional Hospital Atlantic Health Sciences Corp 506-648-6614 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	FATO/TLOF 92´ x 92´ ASPH Safety Area 122' x 122' Max heli overall length 61' Rstd to medevac & govt use
RCR	Opr Ltd win maint
LIGHTING	RF(FL)
COMM	
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 3300 ASL
PRO	Arr/dep 318° and 224° fr heli, slope 8% (H3)
CAUTION	Lgtd smokestack 377 ASL (126 AGL) 490´ SE fr heli. Lgtd smokestack 405 ASL (205 AGL) aprx 440´ SE fr heli. Lgtd windsock 149' NE fr heli.

STE-AGATHE (AIM) QC (Heli) CSV2

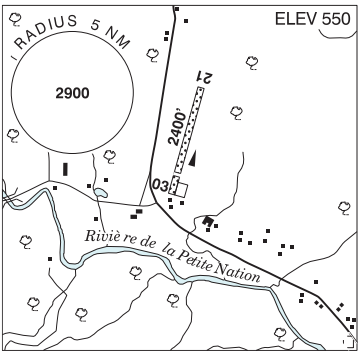
REF	N46 07 W74 18 15°W UTC-5(4) Elev 1250´ VTA A5002
OPR	La Compagnie Américaine de Fer et Métaux Inc 514-494-2000 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	100´ x 100´ GRASS
COMM	
ATF	tfc 123.2 5NM 4300 ASL



ST-ANDRÉ-AVELLIN QC

CAA2

REF	N45 44 28 W75 04 20 1NW 14ºW UTC-5(4) Elev 550' A1905 A5000 A5002
OPR	Corporation Aérodrome St-André-Avellin 819-983-8454 Reg PPR
PF	C-1,2,3,4,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 03(028°)/21(208°) 2400x55 GRASS Thld 03 displ 400' Opr Ltd win maint. Ski ops.
COMM ATF	 tfc 122.75 5NM 3600 ASL
PRO	Right hand circuits rwy 03 (CAR 602.96). Circuit Rwy 21 climb rwy heading to 1600 ASL before turning cross wind. Avoid flying directly over house on short final 03.
CAUTION	Trees on short final Rwys 03 and 21. Wildlife in vic of rwy. Twr 1460 ASL (450 AGL) 1.2 NM W.

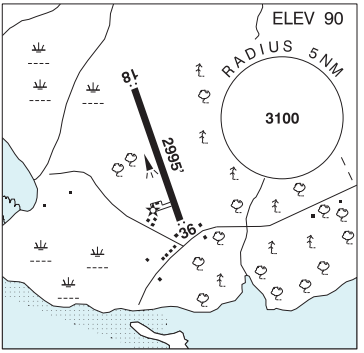


ST. ANDREWS MB — See WINNIPEG / ST. ANDREWS

ST. ANDREWS (CODROY VALLEY) NL

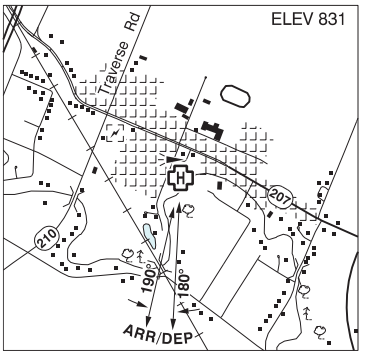
CDA5

REF	N47 46 32 W59 18 45 1.5NW 19°W (2013) UTC-31/2 (21/2) Elev 90´ A5011 A5012 LO8 CAP
OPR	Govt of Newfoundland & Labrador 709-955-2210 or 709-635-4100 Reg
PF	D-1,2,3,4,5
FLT PLN FIC ACC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA RCR	Rwy 18(179°)/36(359°) 2995x75 ASPH Rwy 18 down 1.24% Opr Ltd win maint PN
LIGHTING	18-AS(TE ME), 36-AS(TE ME) ARCAL-122.8 type K, key mic 7 times for RIL
COMM ATF ARR DEP	 tfc 123.2 5NM 3100 ASL Gander Centre 120.325 Gander Centre 120.325
CAUTION	Anticipate downdrafts especially with strong SE winds.



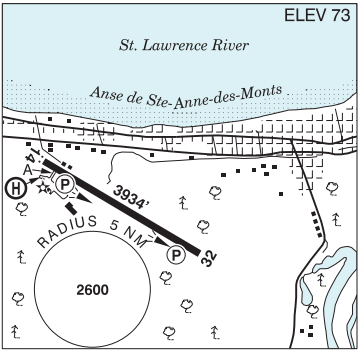
STE-ANNE (HOSP) MB (Heli) CHS6

REF	N49 40 04 W96 38 50 Adj 3°E (2018) UTC-6(5) Elev 831´ A5007
OPR	Santé Sud-Southern Health 204-422-8837 Cert NVIS OPS AUTH PPR
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 114' dia Max heli overall length 57.4'
RCR	Opr
COMM	
ATF	tfc 122.7 5NM 3900 ASL
PRO	Arr/dep 180° to 190° fr heli, slope 12% (H2), NVIS rqrd for night use (CAR 602.96) **ATS REQUIREMENTS**: VFR & IFR Flight Plans, file at least 30 min prior to ETD. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.



STE-ANNE-DES-MONTS QC CYSZ

REF	N49 07 12 W66 31 44 1.7W 19°W (2013) UTC-5(4) Elev 73´ A5010 LO7 CAP
OPR	Town 418-763-2989/5189 Reg
PF	C-1,2,3,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO (see COMM)
SERVICES	Svcs chg may be levied 1 hr PN Avjet 418-764-6533
FUEL	100LL, JA-1
S	6
RWY DATA	Rwy 14(141°)/32(321°) 3934x98 ASPH Rwy 14 up 0.83% AGN IIIA
RCR	Montréal 800-633-1353
LIGHTING	14-AS(TE ME) P2, 32-(TE ME) P2 ARCAL-122.8 type J
COMM	(bil)
ATF	tfc 122.8 5NM 3100 ASL
AUTO	122.025

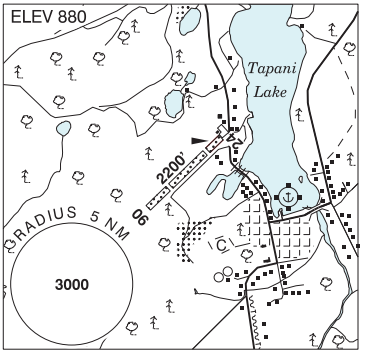


STE-ANNE-DES-MONTS QC (Cont'd) CYSZ

NAV NDB	K7 211 (M) N49 07 43 W66 33 00
PRO	Rgt hand circuits Rwy 32 (CAR 602.96).
CAUTION	Hi terrain S & SE of A/D. Wind turbine group 8NM WSW of A/D, max alt 1290 ASL.

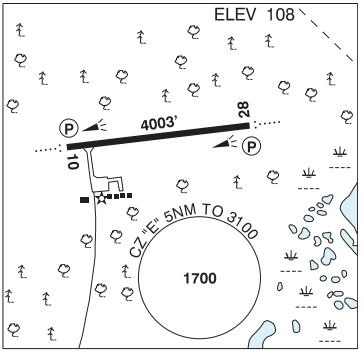
STE-ANNE-DU-LAC (AVIATION PLMG INC.) QC CAL8

REF	N46 53 04 W75 19 58 Adj 14°W (2015) UTC-5(4) Elev 880´ A5002
OPR	Aviation PLMG Inc 819-586-2234 Reg PN
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES OIL S	100, W100, 15W50, MIL5606 1,2,3,4,5,6
RWY DATA RCR	Rwy 06/24 2200x60 GRASS Thld 06 displ 600´ Thld 24 displ 400´ Opr No win maint. Ski Ops.
COMM ATF	UNICOM ltd hrs at adj water aerodrome O/T tfc 122.7 5NM 3900 ASL
PRO	Floatplane ramp at A/D.
CAUTION	Water aerodrome adj SE common Freq. Trees 60' final Rwy 06. Trees along rwy S side.



ST. ANTHONY NL CYAY

REF	N51 23 31 W56 04 59 19WNW 19°W (2023) UTC-31/2 (21/2) Elev 108´ A5011 LO7 LO8 HI1 HI6 CAP
OPR	TC 709-454-3192/3193. After hrs 709-450-0459/0853 1000-2030Z‡ Mon-Fri May-Oct, 1100-2130Z‡ Nov-Apr O/T 3 hrs PN. Cert Ldg fees (jet and turboprop acft only), Tml fees
PF	A-1,2,6 D-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam

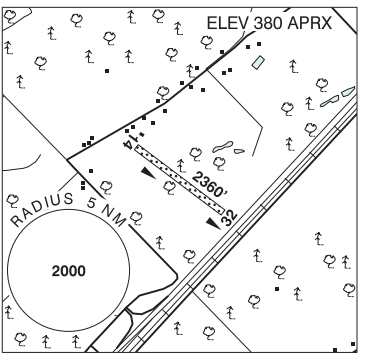


ST. ANTHONY NL (Cont'd) CYAY

SERVICES	Call out chg may be levied for one or more svcs.
FUEL	JA-1 1130-2030Z‡ Mon-Fri O/T 1 hr PN Penney's Acft Svcs 709-454-3839/3573 or 709-299-5150
OIL	All
S	2, 5
RWY DATA	Rwy 10(099°)/28(279°) 4003x100 ASPH Rwy 10 down 0.49%
RWY CERT	Rwy 10 RVR 1200(1/4sm)/Rwy 28 RVR 1200(1/4sm) AGN IIIA
APRON	Prkg fees
RCR	Opr CRFI 1000-2030Z‡ Mon-Fri May-Oct, 1100-2130Z‡ Nov-Apr O/T 3 hrs PN (possible call out chg). PCN.
LIGHTING	10-AO(TE ME) P1, 28-AO(TE ME) P1 ARCAL-122.3 type K
COMM	
RCO	Deer Lake rdo 122.3 (RAAS) London rdo 123.275 5680 (FISE) 126.7 (bcst)
MF	Deer Lake rdo 122.3 5NM 3100 ASL (CAR 602.98)
PAL	Gander Ctr 133.0 371.9
INTL AIR	Gander rdo 119.85 122.375
AWOS	118.65
NAV	
VOR/DME	YAY 113.7 Ch 84 N51 23 38 W56 05 01 (133´)

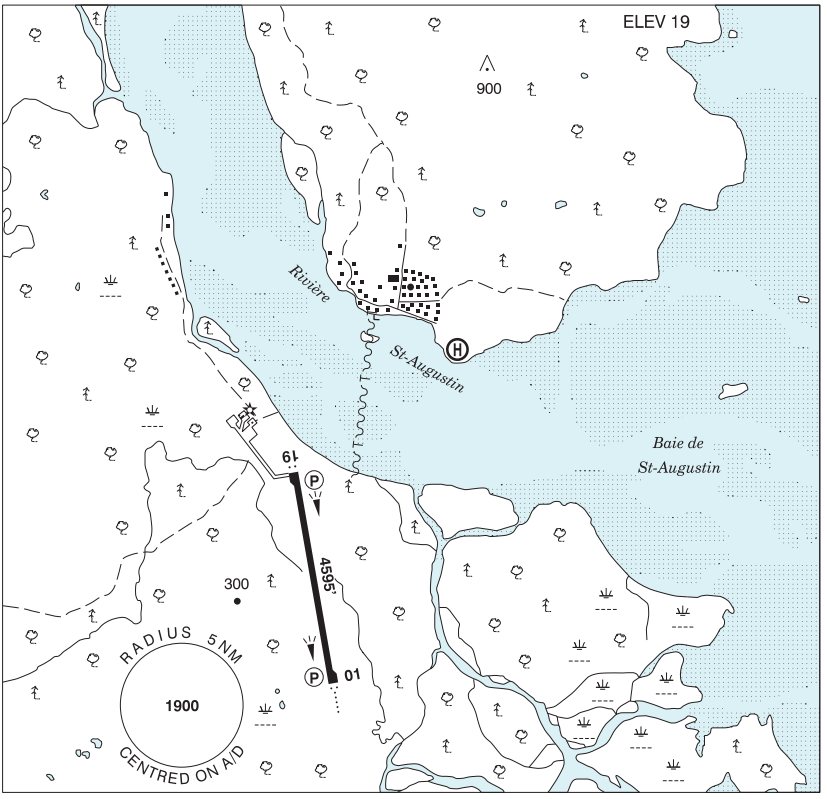
ST-APOLLINAIRE (AIRPRO) QC CAA4

REF	N46 35 13 W71 33 40 2.6WSW 16°W (2016) UTC-5(4) Elev 380' aprx A5002
OPR	AirProGyro 418-580-8912/881-1550 Reg PPR
PF	C-1,2,3,4,5 D-6,7,8
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 14(143°)/32(323°) 2360x30 GRASS
RCR	Opr Ltd win maint



COMM	
ATF	tfc 123.2 4NM 1500 ASL excluding Québec TCA
CAUTION	Trees aprx 60 AGL mid-field along either side of rwy. Possible paramotor activities SW of A/D (along Marigot side). Class C airspace from 1500 ASL, see Quebec VTPC. P-lines on apch Rwy 14.

ST-AUGUSTIN QC CYIF



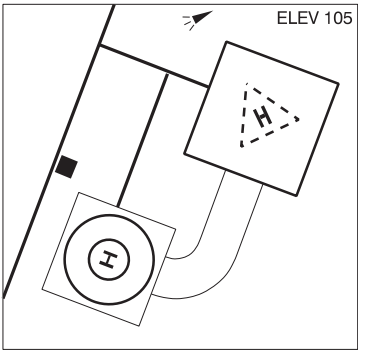
REF	N51 12 36 W58 39 27 19°W (2020) UTC-4 Elev 19´ A5011 LO7 CAP
OPR	Transports Québec 418-947-2766 11-19Z Mon-Fri, 13-19Z Sun, O/T 3 hr PN for MEDEVAC. Cert
PF	C-1,3,4,5 ctc Opr for info, access to St-Augustin by hovercraft.
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	ALTIMETER/WIND 418-947-2766 11-23Z Mon-Fri, 13-19Z Sun (see COMM)
RWY DATA	Rwy 01(010°)/19(190°) 4595x100 ASPH
RWY CERT	Rwy 01/19 AGN IIIA
RCR	Opr Snow removal 10-24Z Sun-Fri Oct 15-May 15 O/T PN PLR/PCN
LIGHTING	01-AO(TE ME) P2, 19-AS(TE ME) P2 ARCAL-123.5 type K
COMM	
RCO	(bil) Québec rdo 119.575 (FISE) 126.7 (bcst)
ATF	(bil) UNICOM (AU) 11-23Z Mon-Fri, 13-19Z Sun O/T tfc 123.5 corridor see PRO section

ST-AUGUSTIN QC (Cont'd) CYIF

NAV	
DME	IIF 108.7 Ch 24 N51 12 09 W58 39 15 (32´)
LOC	IIF 108.7 (Rwy 19) LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 19 (CAR 602.96). O/T corridor tfc 123.5 aprx 30NM wide along shore up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Antenna 900 ASL 1.6NM NE.

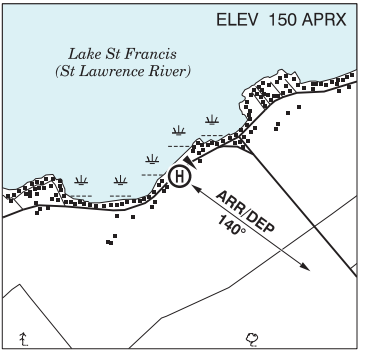
ST-AUGUSTIN QC (Heli) CTH9

REF	N51 13 25 W58 38 34 21°W (2014) UTC-4 Elev 105' A5011
OPR	Transports Québec 418-947-2766 Reg
PF	C-1,2,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	76' x 76' paving-block 100' x 100'
APRON	66' x 66' paving-block
RCR	GIDC Mecatina 418-961-5853 No win maint on apron
LIGHTING	RY LO ARCAL-123.5 type J
COMM	(bil)
RCO	Québec rdo (St-Augustin) 119.575 (FISE) 126.7 (bcst)
ATF	UNICOM 11-23Z Mon-Fri, 13-19Z Sun at A/D 1NM SW O/T tfc 123.5 corridor see PRO section.
PRO	Arr/dep SW, SE & NE. O/T corridor tfc 123.5 aprx 30NM wide along shore up to and including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Antenna 900 ASL 0.75 NM N.



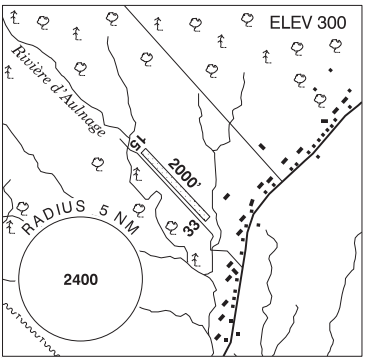
STE-BARBE QC (Heli) CBB8

REF	N45 10 37 W74 13 11 1.3NM 14°W (2018) UTC-5(4) Elev 150' aprx VTA A5002
OPR	Sylvain Oligny 514-943-7912 Reg PPR
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada and the USA)
HELI DATA	FATO/TLOF 50' x 50' ASPH
	Safety Area 65' x 65'
	Max heli overall length 38.6'
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 2000 ASL
PRO	Arr/dep 140° fr heli



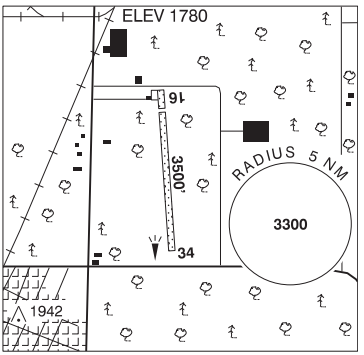
ST-BASILE (MARCOTTE) QC — CTR6

REF	N46 47 01 W71 49 35 1.7N 16°W (2014) UTC-5(4) Elev 300' A5002
OPR	Denis Marcotte 418-329-3115 Reg PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15/33 2000x40 grass/snow Rwy 33 up 1.0% Opr No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 2NM 3300 ASL



ST. BRIEUX SK — CKK2

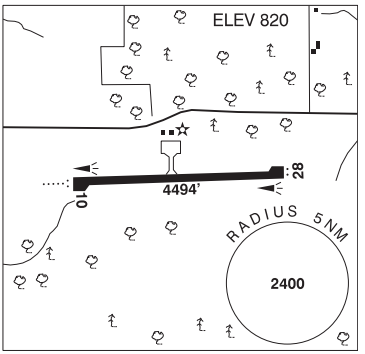
REF	N52 39 W104 52 Adj NE 10°E (2012) UTC-6 Elev 1780´ A5016 LO2
OPR	Bourgault Industries Ltd 306-275-2300 Reg
PF	B-1 C-2,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	6
RWY DATA RCR	Rwy 16(166°)/34(346°) 3500x75 treated sand Thld 16 displ 400' Opr
LIGHTING	16-(TE LO), 34-(TE LO) O/R ctc opr
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4800 ASL
CAUTION	Unmarked mobile eqpt N of Thld 16.



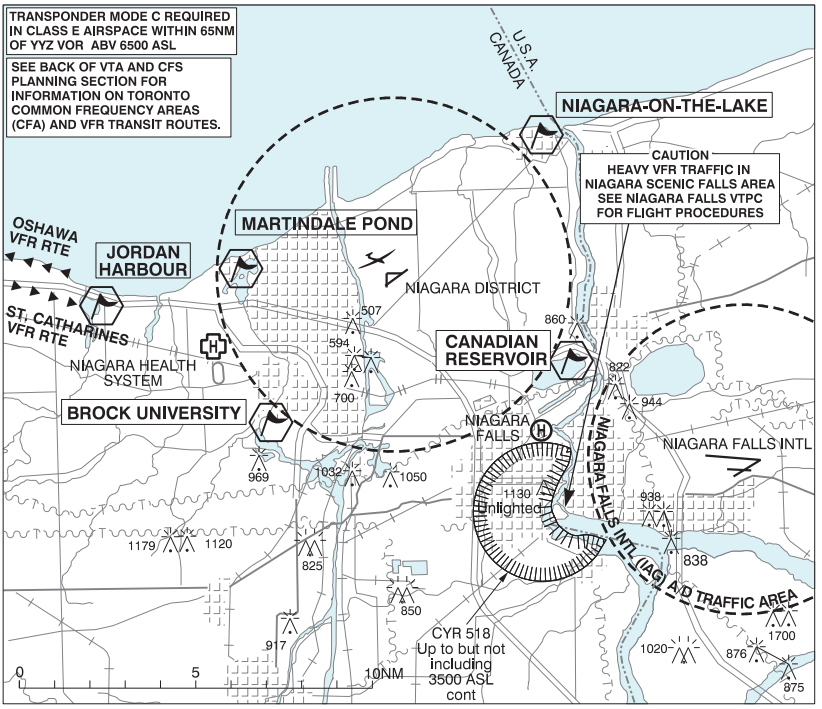
ST-BRUNO-DE-GUIGUES QC

CTA4

REF	N47 26 57 W79 25 05 7N 12°W (2013) UTC-5(4) Elev 820´ A5001 LO4 LO7 CAP
OPR	Transports Québec 819-728-2684 or 418-643-1490 Reg
PF	A-1,7 C-2 D-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Toronto 888-217-1241
RWY DATA	Rwy 10(102°)/28(282°) 4494x100 ASPH Rwy 10 up 1.07% AGN IIIA
RCR	Opr Win maint 12-20Z‡ Mon-Fri exc hols, O/T MEDEVAC only. PLR/PCN
LIGHTING	10-AO(TE ME), 28-AS(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 28 (CAR 602.96)
CAUTION	Possibility of wildlife within aprt perimeter

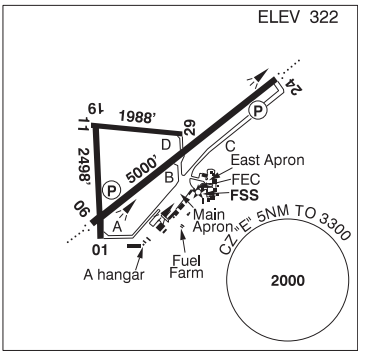


ST. CATHARINES VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BROCK UNIVERSITY	VCBUN	N43° 07' 06" W079° 15' 00"
CANADIAN RESERVOIR	VCCRS	N43° 09' 00" W079° 03' 30"
JORDAN HARBOUR	VCJOR	N43° 10' 30" W079° 22' 00"
MARTINDALE POND	VCMDL	N43° 11' 30" W079° 16' 30"
NIAGARA-ON-THE-LAKE	VCNGR	N43° 15' 30" W079° 04' 30"

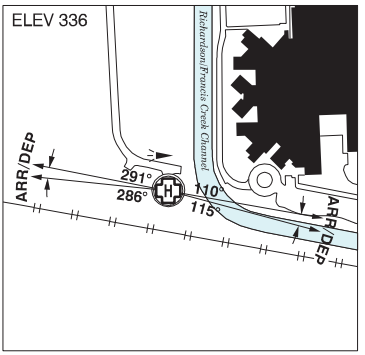
ST. CATHARINES / NIAGARA DISTRICT ON — CYSN



REF	N43 11 30 W79 10 16 11°W UTC-5(4) Elev 322' VTA A5000 LO6 HI5 CAP
OPR	Niagara District Aprt Comsn 905-684-7447 11-24Z‡ Mon-Fri, 1230-2000Z‡ Sat-Sun, exc hols. O/T 2hrs PN, call out chg may be levied ctc opr Cert Ldg fees
PF	A-1,7 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 13-05Z‡
FLT PLN	When FSS clsd pilots to open/close VFR flt plan and obtain IFR clnc fr London rdo FISE or by phone. To file an IFR arr rpt ctc Toronto Centre 888-217-1241 if unable via rdo.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR 12-02Z‡ O/T LWIS TAF 14-02Z‡, issue times: 14, 20Z.
SERVICES	Svcs avbl 13-23Z‡ O/T call out chg applies 905-684-3600
FUEL	100LL, JA-1
OIL	Aeroshell W100, 15W50
S	1,2,3,4,5,6
RWY DATA	Rwy 06(064°)/24(244°) 5000x100 ASPH Rwy 01(009°)/19(189°) 2498x75 ASPH Rwy 11(107°)/29(287°) 1988x75 ASPH
RWY CERT	Rwy 06/24 AGN IIIA Rwy 01/19 AGN I Rwy 11/29 AGN I
TWY CERT	Twy D AGN I
RCR	Opr CRFI Win maint 11-24Z‡ Mon-Fri, 1230-2000Z‡ Sat-Sun, Oct 16-Apr 16, exc hols. O/T 2hrs PN, call out chg may be levied ctc opr. PLR
LIGHTING	06-AO(TE ME) P2, 24-AO(TE ME) P2 Opr 1215-02Z‡ O/T ARCAL-123.25 type K
COMM	
RADIO	123.25 PTC avbl (V) 1215-02Z‡ (emerg only 905-688-8367)
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
ATIS	128.525 1215-02Z‡
MF	rdo 123.25 1215-02Z‡ 5NM 3300 ASL (CAR 602.98)
ATF	tfc 123.25 02-1215Z‡ 5NM 3300 ASL
ARR	Toronto Tml 133.4
DEP	Toronto Tml 133.4
PAL	133.3
PRO	For flt over Niagara Falls, see Niagara Falls VTPC. Glider activity vic of the aprt Sat, Sun, hols Apr-Jun & Sep-Nov. Gliders non-std pattern. NOISE MITIGATION: After tkof from Rwy 24, track on or N of the extended rwy centreline, no turns below 1000 ASL.
CAUTION	Hold position on Twy A is for both Rwy 01 and 06. Pilots intending to depart Rwy 06 must verify correct orientation on Rwy 06 prior to departure. Hold position on Twy B is for Rwy 06/24 and Rwy 29.

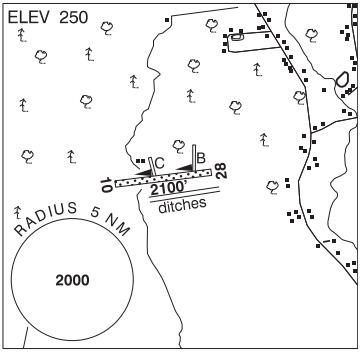
ST. CATHARINES (NIAGARA HEALTH SYSTEM) ON (Heli) CNH4

REF	N43 09 06 W79 16 50 Adj 10°W (2013) UTC-5(4) Elev 336' VTA A5000
OPR	Niagara Health System 905-378-4647 Ext 32284 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada and USA)
HELI DATA RCR	FATO/TLOF 82' dia ASPH Safety Area 110' dia Max heli overall length 54.6' Opr
LIGHTING	RY(LO) green
COMM ATF	tfc 123.25 ltd hrs 5NM 3400 ASL
PRO	Arr/dep btwn 110°-115° and 286°-291° fr heli. Slope 16% (H2), day/night use VFR only.
CAUTION	CN railway line runs S of heli.



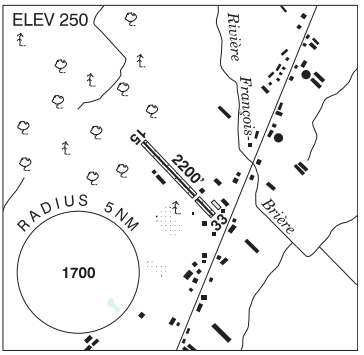
ST-CUTHBERT (ULM QUÉBEC) QC CCU2

REF	N46 10 26 W73 16 44 2.6NW 15°W (2018) UTC-5(4) Elev 250' A5002
OPR	Ulm Québec Inc 514-502-6525 Reg
PF	B-2, D-1
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 MG-4 Aeroshell 4 Plus 2,4,5
RWY DATA RCR	Rwy 10(098°)/28(278°) 2100x80 GRASS Opr Ltd win maint. Rwy may be clsd when wet.
COMM ATF	tfc 123.5 5NM 3300 ASL
CAUTION	Antenna aprx 1NM N 495 ASL (135 AGL)



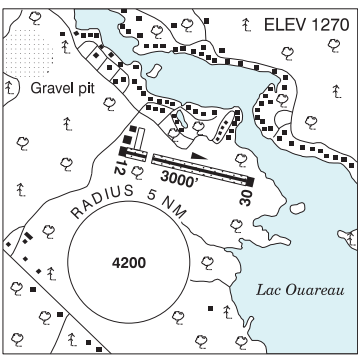
ST-DOMINIQUE QC CSS4

REF	N45 37 57 W72 49 08 16°W UTC-5(4) Elev 250´ VTA A5002
OPR	Association Vol à voile Champlain Inc 450-771-0500 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 15/33 2200x100 ASPH/GRASS Thld 33 displ 500' Opr No win maint
COMM ATF	UNICOM 122.475 5NM 3300 ASL
PRO	Glider circuits may be rgt hand circuits depends on wind direction. Tow plane: tkof Rwy 33 only, ldg Rwy 15 only, at all times circuits opposite of glider circuits.
CAUTION	A/D within CYA 627(S) up to 3000 ASL cont daylight. Glider ops. Ocsl Glider aerobatics ops Apr-Nov within 2NM of rwy btwn 2300 and 7000 ASL. P-line and large trees aprx 600' fr displ thld Rwy 33.



ST-DONAT QC CSY4

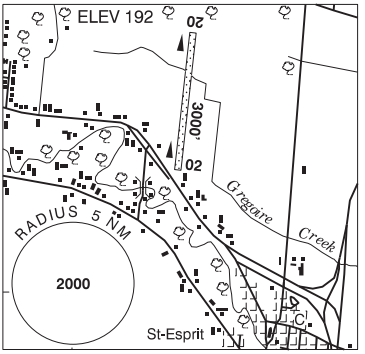
REF	N46 18 21 W74 10 53 15°W UTC-5(4) Elev 1270´ A5002
OPR	Municipalité de St-Donat 819-424-2383 Reg
PF	C-2,4,5 D-6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES OIL S	 65, 80, 100 1,2,3,4,5
RWY DATA RCR	Rwy 12/30 3000x70 sand/gravel Centre 30´ asphalt Thld 12 displ 600´. Caron Avn 819-424-7842 Ltd win maint
COMM ATF	(bil) tfc 123.2 5NM 4300 ASL
PRO	No touch & go. Rgt hand circuits Rwy 12 (CAR 602.96). Tkof Rwy 12 maintain rwy hdg at best angle of climb up to 600´ AAE BPOC.
CAUTION	Hang-gliding and paragliding 5NM SSE up to 7400 ASL, May 1-Nov 15. Towline at the sandpit up to 1000 AGL. Possibility of deer on rwy.



ST-ESPRIT QC

CES2

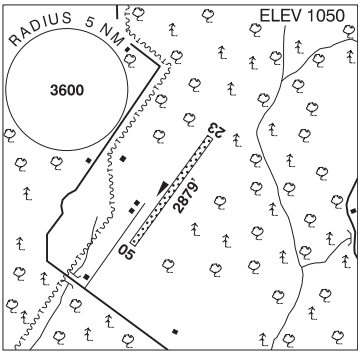
REF	N45 54 41 W73 40 21 Adj NNW 16°W UTC-5(4) Elev 192' VTA A5002
OPR	Aérodrome Saint-Esprit Inc. 450-839-1111 Fax 450-839-6969 Reg PPR
PF	C-1
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02/20 3000x75 GRASS Opr No win maint Nov-Mar
COMM ATF A/G	 tfc 123.2 5NM BLW 2500 ASL 129.85
CAUTION	Parachuting activity Mar-Nov to 17,000'. P-line and barn 30 AGL 300' S of Thld 02. Antenna 500 ASL 1.4NM SSE A/D.



ST-FERDINAND QC

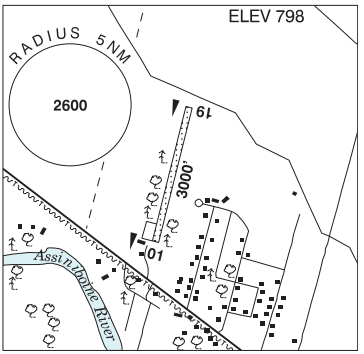
CSH5

REF	N46 07 35 W71 32 11 16°W (2015) UTC-5(4) Elev 1050´ A5002
OPR	M. Langlois 819-552-2492 Reg
PF	C-1,2,3,4,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	 1,2,4,5,6
RWY DATA RCR	Rwy 05(052°)/23(232°) 2879x75 GRASS/GRVL Opr No win maint
COMM ATF	(bil) tfc 123.2 5NM 4100 ASL



ST. FRANÇOIS XAVIER MB — CKA8

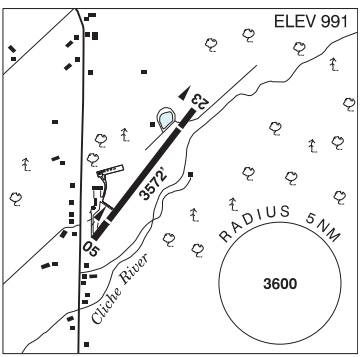
REF	N49 55 28 W97 32 56 Adj W 5°E UTC-6(5) Elev 798´ VTA A5007
OPR	Mr. Marinus Vandelaar 204-864-2956/ 204-955-0870 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
OIL	All
S	2,3,4,5,6



RWY DATA	Rwy 01(011°)/19(191°) 3000x90 GRASS/EARTH/GRVL
RCR	Opr
COMM	
ATF	tfc 122.8 3NM BLW 3000 ASL excluding airspace within Winnipeg TCA
PRO	Rgt hand circuits Rwy 19 (CAR 602.96). Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.
CAUTION	Ocsl para jumps by 435 Sqn 15-21Z‡ Mon-Fri, May 1-Nov 30. Max alt 3000 ASL. Drop zone 1.5NM radius N49 52 42 W97 29 48 (3.4NM SE A/D) at Beaudry Provincial Park.

ST-FRÉDÉRIC QC — CSZ4

REF	N46 19 53 W70 57 39 2N 17°W UTC-5(4) Elev 991´ A5002 LO6 LO7 LO8 RCAP
OPR	Grondair 418-426-2313 Reg
PF	A-1 B-3 C-6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	
FUEL	100LL
OIL	All
S	1,2



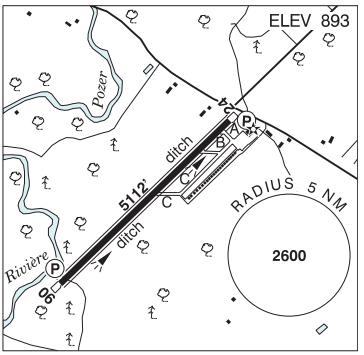
RWY DATA	Rwy 05(054°)/23(234°) 3572x72 ASPH Thld 05 displ 467' Thld 23 displ 542' Rwy 23 up 2.0%
RCR	Opr Ltd win maint
LIGHTING	05-(TE LO), 23-(TE LO) ARCAL-121.7 key mic 3 times in 5 sec

ST-FRÉDÉRIC QC (Cont'd) CSZ4

COMM	(bil)
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4000 ASL
ARR	Montreal Centre 135.025 270.9
DEP	Montreal Centre 135.025 270.9
CAUTION	Fur farm aprx 14 NM SW of A/D Feb 1-June 15 (see TC AIM RAC 1.14.1)

ST-GEORGES QC CYSG

REF	N46 05 47 W70 42 52 1.5WSW 16°W (2013) UTC-5(4) Elev 893´ A5002 LO6 LO8 CAP
OPR	Aviation CMP 418-228-7127 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE-15 888-226-7277 12-04Z‡
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	ALTIMETER/WIND 13-01Z‡ Wed-Sun, 13-23Z‡ Mon-Tue May 1-Sep 30; 14-23Z‡ Sat, 13-23Z‡ Sun-Fri Oct 1-Apr 30 (See COMM) AUTO 418-222-5892 (See COMM) WxCam



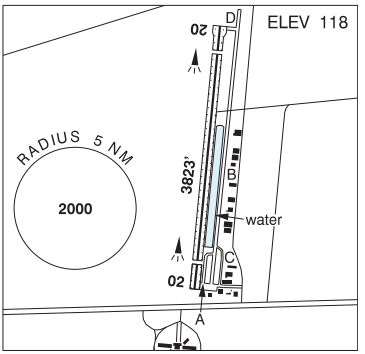
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
RWY DATA	Rwy 06(062°)/24(242°) 5112x75 ASPH Rwy 06 up 1.5% first 2200´ Rwy 24 up 0.6% first 1000´ AGN IIIA
APRON	Access code 12215
RCR	Opr Ltd win maint. 13-23Z‡ Sun-Fri, 14-23Z‡ Sat O/T 3 hrs PN during business hrs 418-228-7127 PLR/PCN
LIGHTING	06-(TE LO) P1, 24-(TE LO) P1 2.5° ARCAL-122.15 type J.
COMM	(bil)
MF	UNICOM (AU) 13-01Z‡ Wed-Sun, 13-23Z‡ Mon-Tue May 1-Sep 30; 14-23Z‡ Sat, 13-23Z‡ Sun-Fri Oct 1-Apr 30 O/T tfc 122.15 5 NM 3900 ASL (CAR 602.98)
AUTO	123.175 (bil)
NAV	
DME	BEAUCE VLV 117.2 Ch 119 N45 55 30 W70 50 46 (1609´)
CAUTION	Fr thld 06, acft at other thld not vis. Rwy 24 tfc ptn, twr 1.4NM SE of A/D 1315 ASL. Possibility of wildlife in vic of rwy. Possible aerobatic activity over A/D btwn 3400 ASL and 6500 ASL.

ST-HONORÉ QC — See CHICOUTIMI / ST-HONORÉ

ST-HUBERT QC — See MONTRÉAL / ST-HUBERT

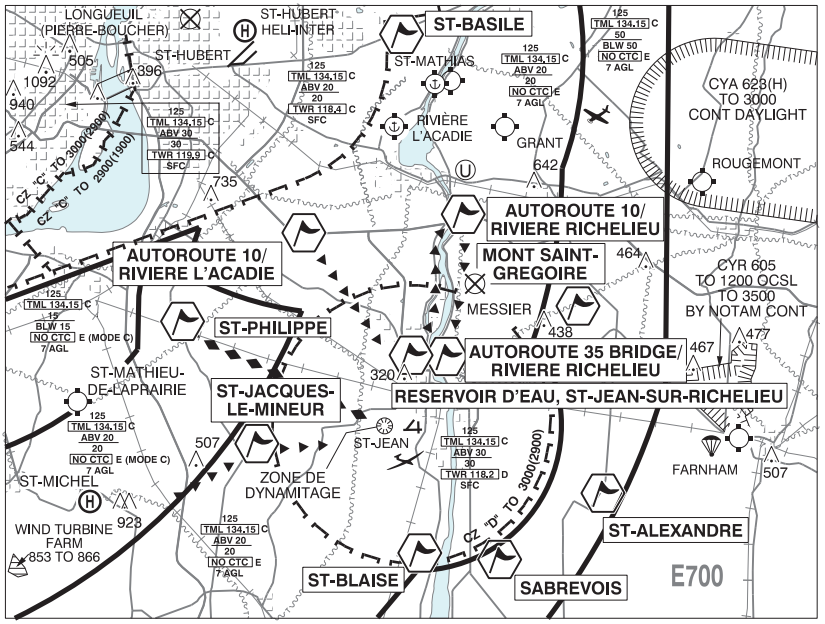
ST-HYACINTHE QC

CSU3



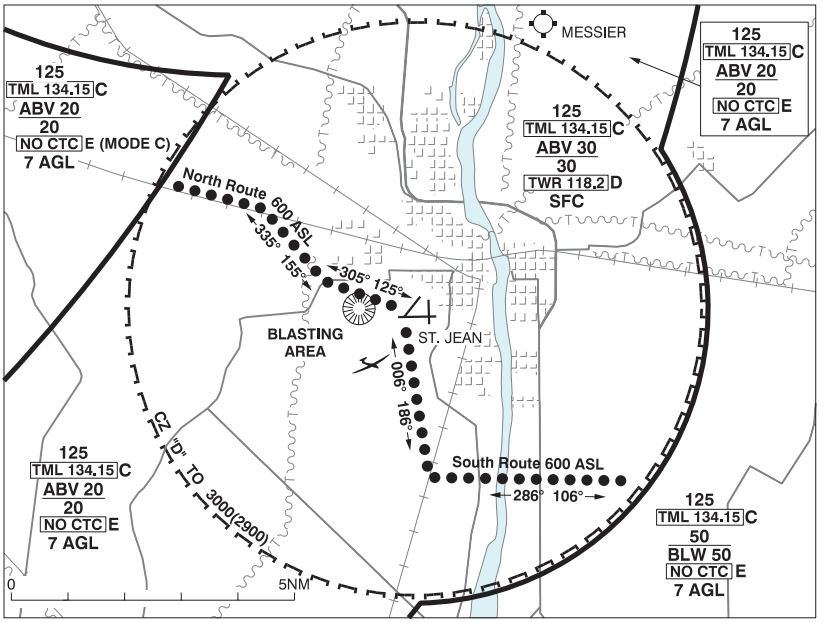
REF	N45 36 24 W73 00 54 3W 16°W UTC-5(4) Elev 118´ VTA A5002 LO6 LO7 LO8 CAP
OPR	Aéroport de St-Hyacinthe ppr.aeroportsh@gmail.com Reg PPR
PF	A-1,2 (11-23Z‡) C-3,4,5,6
FLT PLN **FIC** **ACC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. IFR clearance or activation 514-633-3211.
SERVICES **FUEL** **S**	 100LL, JA-1 Self-serve H24 credit cards 1,2,3,4,5,6,7
RWY DATA **RCR**	Rwy 02(021°)/20(201°) 3823x75 ASPH/GRASS (centre 45´ asphalt) Thld 02 displ 426' Thld 20 displ 354' AGN II Opr Ltd win maint
LIGHTING	02-(TE LO) non-std, 20-(TE LO) non-std Avbl ngt time only ARCAL-123.2 type J
COMM **MF**	(bil) tfc 123.2 5NM 3200 ASL (CAR 602.98)
PRO	Rgt hand circuits Rwy 20 (CAR 602.96). CYA 627(S) aprx 2NM E of A/D up to 3000 ASL cont daylight. Floatplanes: Immediately after ldg, book a tow in advance to exit the basin; Ray Air Maintenance Mon-Fri 450-778-2578.
CAUTION	240 AGL tower 1.2NM NE of Rwy 20. Avoid low apch at thld Rwy 20. Railroad tracks in close proximity. Large body of water aprx 1836' long x 115' wide and 4' deep btwn Rwy 02/20 and Twy B. Extv flt tng act in circuit Apr-Oct. Cracks on all surfaces. Not suited for high performance aircraft.

ST-JEAN VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
AUTOROUTE 10 / RIVIERE L'ACADIE	VCACD	N45° 24' 28" W073° 22' 06"
AUTOROUTE 10 / RIVIERE RICHELIEU	VCRIC	N45° 24' 55" W073° 14' 34"
AUTOROUTE 35 BRIDGE / RIVIERE RICHELIEU	VCRLU	N45° 19' 37" W073° 15' 36"
MONT SAINT-GREGOIRE	VCGGR	N45° 21' 24" W073° 08' 55"
RESERVOIR D'EAU, ST-JEAN-SUR-RICHELIEU	VCRSV	N45° 19' 39" W073° 17' 23"
SABREVOIS	VCSBR	N45° 12' 24" W073° 13' 44"
ST-ALEXANDRE	VCALX	N45° 14' 23" W073° 06' 59"
ST-BASILE	VCSTB	N45° 31' 36" W073° 17' 20"
ST-BLAISE	VCBLA	N45° 13' 14" W073° 18' 04"
ST-JACQUES-LE-MINEUR	VCSJM	N45° 16' 29" W073° 25' 11"
ST-PHILIPPE	VCLPR	N45° 21' 10" W073° 28' 29"

ST-JEAN HELI VFR TERMINAL PROCEDURES CHART



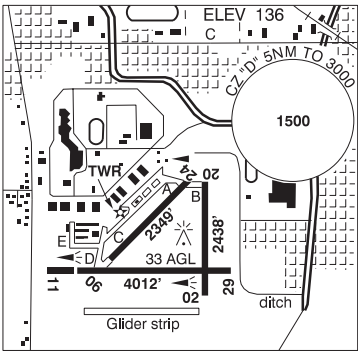
SOUTH ROUTE

Arrival Procedures:
From Highway 35 fly heading 286° to the railway (south of the forest) then fly heading 006° to the airport.
Departure Procedures:
From the airport fly heading 186° to the railway (south of the forest) then fly heading 106° until exiting the control zone.

NORTH ROUTE

Arrival Procedures:
Fly over the railway to the intersection of Chemin du Grand Pré then fly heading 155° to the intersection of Rue des Carrières and Chemin du Clocher then fly heading 125° to the airport.
Departure Procedures:
From the airport fly heading 305° to the intersection of Rue des Carrières and Chemin du Clocher then fly heading 335° to the intersection of the railway and Chemin du Grand Pré then fly over the railway until exiting the control zone.

ST-JEAN QC — CYJN

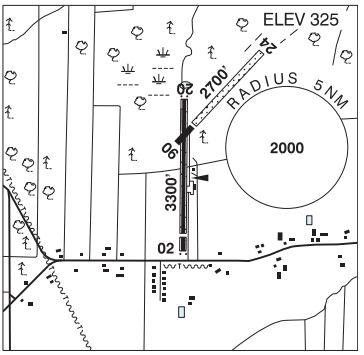


REF	N45 17 40 W73 16 54 Adj SW 15°W (2012) UTC-5(4) Elev 136´ VTA A5002 LO6 LO7 LO8 T2 CAP
OPR	Muni 450-359-2010 Ext 2068 Cert
PF	A-7,8 FBO/Apron Password: 1182 B-1 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353. All Flt Plns, IFR tng flts PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. When twr closed IFR clearance or activation 514-633-3014.
WX	LWIS H24 LAWO 1230-0230Z‡ Apr-Oct; 13-02Z‡ Nov-Mar
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) 14-21Z‡ Dec-Mar, 13-21Z Apr-May, 13-21Z Mon-Fri, 13-22Z Sat-Sun Jun-Sep; 14-22Z‡ Oct-Nov
OIL	W100, 15W30
S	4,5,6
PVT ADV	FBO 123.35 450-741-6799
RWY DATA	Rwy 11(105°)/29(285°) 4012x100 ASPH Thld 11 displ 600´. Rwy 02(015°)/20(195°) 2438x100 ASPH Rwy 06(060°)/24(240°) 2349x100 ASPH
RWY CERT	Rwy 11/29 AGN IIIA Rwy 02/20 AGN II Rwy 06/24 AGN II
TWY CERT	Twy: A, B, E AGN II
TWY	Twy C uncontrolled.
RCR	Opr or Twr 450-347-4233 15-21Z‡ O/T PN during business hrs Rwy 06/24 no win maint. CRFI, PLR/PCN
LIGHTING	11-(T ME), 29-(TE ME) ARCAL-118.2 type J
COMM	(bil)
GND	121.7 1230-0230Z‡ Apr-Oct; 13-02Z‡ Nov-Mar
TWR	118.2 (V) 1230-0230Z‡ Apr-Oct; 13-02Z‡ Nov-Mar (emerg only 450-347-4233)
ATF	tfc 118.2 0230-1230Z‡ Apr-Oct; 02-13Z‡ Nov-Mar 5NM 3000 ASL
ARR	Montréal 125.15 268.3
DEP	Montréal 125.15 268.3
VFR ADV	134.15
PRO	Rgt hand circuits Rwy 11 (CAR 602.96). Intsv glider tng fr aprt to 3NM S dly fr mid-Apr to mid-Aug & wknds Sep-Nov. VFR training not auth 0230-1230Z‡. **VFR Codes:** Refer to MONTRÉAL VTPC section VFR FLIGHTS IN MONTRÉAL/TRUDEAU, MONTRÉAL/ST-HUBERT, MONTRÉAL/MIRABEL AND MONTRÉAL TERMINAL CLASS C AIRSPACE. See VTPC for heli arr/dep rte.
CAUTION	Periodic blasting ops 1NM W of aprt, ctc TWR. Possible uncontrolled win maint eqpt on rwy. Increased bird activity Jul-Dec.

ST-JEAN CHRYSOSTOME QC

CSG5

REF	N46 41 07 W71 09 06 2.6SE 17°W UTC-5(4) Elev 325´ A5002
OPR	Aérodrome de St-Jean Chrysostome 418-834-6508 Reg 48 hr PPR
PF	A-1,2 C-3,4,5 D-6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES FUEL S	 100LL, JA 1,2,4,5

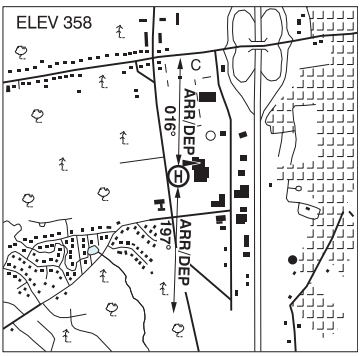


RWY DATA RCR	Rwy 02/20 3300x40 ASPH/GRVL, centre 30' ASPH Thld 02 displ 300´. Rwy 06/24 2700x50 GRVL/ASPH 500' ASPH Thld 06 displ 500´. Opr No win maint.
LIGHTING	02-AS(TE ME), 20-AS(TE ME) first 300' Rwy 02 not lgtd
COMM ATF	 tfc 123.2 5NM 1500 ASL excluding CYQB CZ and Québec TCA
PRO	Rgt hand circuits Rwy 24 (CAR 602.96) **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	P-line on apch Rwy 02. A/D status unkn aprx 1.6NM S of A/D. RPAS 1NM SW of A/D.

ST-JÉRÔME (HYDRO-QUÉBEC) QC (Heli)

CSZ6

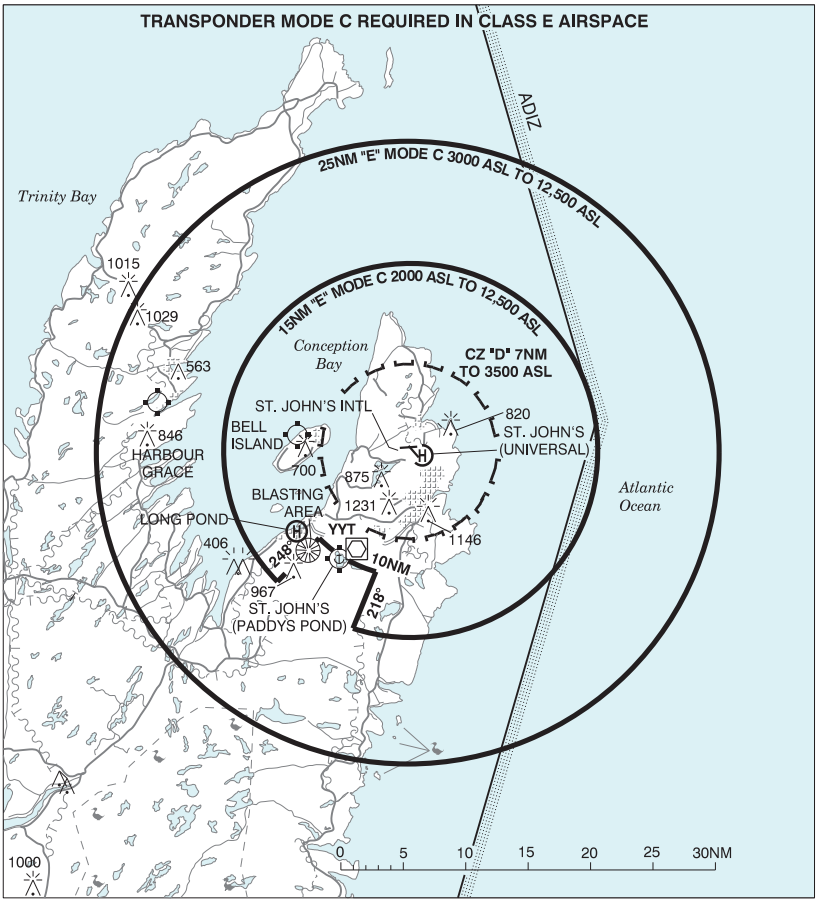
REF	N45 46 15 W74 01 37 Adj 15°W UTC-5(4) Elev 358' VTA A5002
OPR	Hydro-Québec 438-827-4354 Cert PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 64' x 64' CONC Safety Area 85' x 85' Max heli overall length 43' Opr



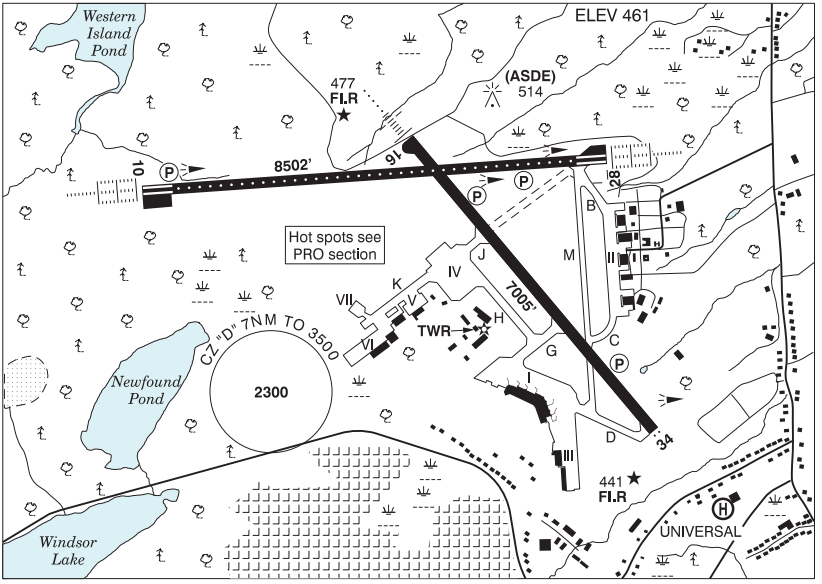
COMM RADIO TWR ATF TML	(bil) Mirabel 119.1 (E) 03-11Z‡ Mirabel 119.1 (E) 11-03Z‡ tfc 122.77 5NM to below 2000 ASL Montréal 134.15
PRO	Arr/dep 016° & 197° fr heli, slope 8% (H3), day use only.

ST. JOHN NB — See SAINT JOHN

ST. JOHN'S INTL VFR TERMINAL PROCEDURES CHART



ST. JOHN'S INTL NL CYYT



REF	N47 37 07 W52 45 09 3NW 17°W (2023) UTC-31/2(21/2) Elev 461´ A5012 LO8 HI6 CAP OC
OPR	St. John's International Airport Authority Inc 709-757-4444 H24 Cert
PF	A-1,2,3,6 C-4,5
CUST	AOE/165 (450 with staged off-loading) 1130-0330Z‡ General aviation 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) O/R
OIL	All
S	1,2,4
ARFF	DESIGNATED CAT 7
SUP FL	LPOX, D & A-ice
JASU	CAN-A Elect Start 10/15
MIL ADV	Transient svcs avbl to RCAF and NATO acft thru Air Reserve Torbay Ops 709-570-4791 or 709-685-0243. Trans svcg avbl 1030-0230Z‡, aft hrs with 4 hr PN. Tow bars avbl for C130, P3, EH101, S61, C144
PVT ADV	Woodward Aviation 123.5 709-579-3776 Fax 709-579-8513; Shell Aerocentre 123.0 709-576-4615 Fax 709-576-0768; Irving Aviation Svcs 122.9 709-758-3200 Fax 709-758-3201
MIL CON	Woodward's Oil Ltd 709-579-3776

ST. JOHN'S INTL NL (Cont'd) CYYT

RWY DATA	Rwy 10(103°)/28(283°) 8502x200 ASPH Rwy 16(156°)/34(336°) 7005x200 ASPH RESA: 16/34 492'; 10/28 492'
RWY CERT	Rwy 10 RVR 600/Rwy 28 RVR 600 AGN V Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN V
TWY	Twy K uncontrolled bcst intentions on 121.9
APRON	All Aprons uncontrolled. Taxiing acft to remain on taxilanes. Acft shall not taxi btwn tml and pushed back acft. Apron I: Acft with a wingspan greater than 52m (170.6') but less than 65m (213.3') to access/exit Apron I via Twy G only, rstd to Gate 1. Dedicated cargo ops proh. Apron II: rstd to acft with wingspan 52m (170.6') or less. All turbine acft engine runs above idle power prohibited on Apron II. Apron II Helicopter FATO operations prohibited. Apron VII: Rstd to B767 acft and smaller.
RCR	Opr CRFI Win field cond reports 709-757-4444. PLR/PCN
LIGHTING	10-AL(TE HI CL TDZL) P3, 28-AL(TE HI CL TDZL) P3, 16-AN(TE HI CL) P3, 34-AS(TE HI CL) P3
COMM	
RCO	London rdo 123.275 (FISE) 126.7 (bcst)
ATIS	128.0
GND	121.9 275.8
TWR	120.6 236.6 (E) (emerg only 709-724-1055)
PAL	Gander Ctr 133.15 135.35 227.3
MIL	Air Reserve Torbay Ops 131.02
INTL AIR	Gander rdo 122.375 135.35
NAV	
VOR/DME	TORBAY YYT 113.5 Ch 82 N47 29 07 W52 51 08 (839')
DME	ISO 110.3 Ch 40 N47 37 26 W52 44 27 (474')
ILS	IYT 110.7 (Rwy 16) RVR LOC reliable only within 10° either side of centreline; ISO 110.3 (Rwy 28) RVR LOC reliable only within 10° either side of centreline; IMP 109.1 (Rwy 10) RVR LOC reliable only within 10° either side of centreline

ST. JOHN'S INTL NL (Cont'd) CYYT

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

DE-ICING PROCEDURES

1. Ctc ICEMAN thirty minutes prior to push back on 129.2.
2. Ctc ST JOHN'S GND after pushback for taxi to CDF.
3. Hold short of CDF on H.
4. ST JOHN'S GND will advs the flt crew to ctc ICEMAN on 129.2 when the acft has taxied to the proper entry point.
5. ICEMAN will then delegate bay assignment & entry instructions. Expect freq change to de-icing bay frequencies.
6. De-icing bay frequencies;
   Bay 1 – Contact IDS on 122.950 MHz
   Bay 2 – Contact IDS on 130.125 MHz
   Bay 3/4 – Contact IDS on 128.950 MHz
7. Flt crews are advised to exercise discretion at all times while on the CDF. Directional signage and taxi lines on the CDF must be followed by flt crews at all times.
8. After de-icing is complete, return to 129.2 MHz for pad exit instructions. Flt crews must advs ICEMAN that all equipment and de-icing personnel are away from the acft and have returned to their designated safety zones.
9. ICEMAN will instruct the acft to hold its position on the CDF and ctc ST JOHN'S GND on 121.9 MHz.
10. Acft to hold its position until ST JOHN'S GND issues further taxi instructions from the CDF.

NOTES:
1. Acft intending on returning to any apron after de-icing must drip dry for 25min on CDF.
2. Single engine taxi not permitted from CDF.
3. Engine run-ups are not permitted on CDF.
4. Contact 709-753-9742 for de-icing if Icehouse unavailable.

DE-ICING OPERATIONS

DE-ICING BAYS RESTRICTIONS
1. Bay 1 - Max wingspan for de-icing ops 35.8m (117')
2. Bay 2 - Max wingspan for de-icing ops 35.8m (117'). Note: Bay 3 is closed/unusable when Bay 2 is occupied.
3. Bay 3 - Max wingspan for de-icing ops 79.75m (262'). Note: Bays 2 and 4 are closed/unusable when Bay 3 is occupied.
4. Bay 4 - Max wingspan for de-icing ops is 35.8m (117'). Note: Bay 3 is closed/unusable when Bay 4 is occupied.

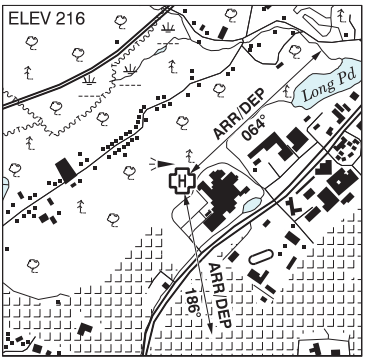
NOTE: The above noted max wingspans are intended to protect adj de-icing bays, safety zones and the apron twy. Exceedances of these values are permitted but must be evaluated and approved by the Aprt Authority to ensure special op procedures are communicated and implemented.

CAUTION

Open pit blasting ops 11NM SW to 1000 ASL 200 AGL, 1NM radius of N47 29 08 W52 57 11.
Weather condition: No landing auth without electronic GP or vertical guidance capability when moderate to severe turbulence/wind shear/downdrafts being reported.
Daily radiosonde balloon launches with an ascent rate of 1000 ft/min btwn hrs of 1115-1345Z and 2315-0145Z.
Extv bird activity May-Nov. Poles & houses 646 ASL (42 AGL) aprx 2 NM NW of A/D.

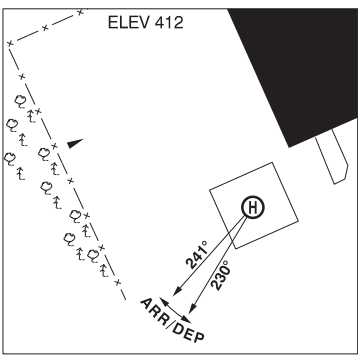
ST. JOHN'S (HEALTH SCIENCES CENTRE) NL (Heli) CCK2

REF	N47 34 21 W52 44 44 1.5WNW 17°W (2022) UTC-3½ (21/2) Elev 216' A5012
OPR	Eastern Health Care 709-777-6294 Cert PPR
PF	A-1 C- 5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 123' x 123' ASPH Safety Area 164'x164' Max heli overall length 82' Opr
LIGHTING	DR(064°) RW(LO) yellow RF(FL)
COMM TWR	St. John's 120.6 (E)
PRO	Arr/dep 064° & 186° fr heli (H1).
CAUTION	Lgtd P-line aprx 262 ASL aprx 1540' E of heli safety area. P-Line oriented NW-SE Downslope, perpendicular to and within arr/dep path 065°.



ST. JOHN'S (QUINLAN HELIFLIGHT SERVICES) NL (Heli) CDC2

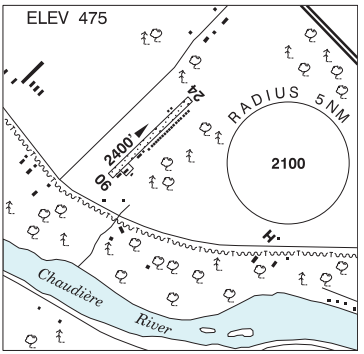
REF	N47 36 30 W52 43 38 19°W (2014) UTC-3½(21/2) Elev 412´ A5012
OPR	Quinlan Heliflight Services 709-682-4472 Cert PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Gander 709-651-5225 or 888-751-5225.
SERVICES S	2
HELI DATA RCR	FATO/TLOF 64' x 64' ASPH Safety Area 85' x 85' Max heli overall length 42.7' Opr Ltd win maint
COMM TWR	St. John's 120.6 (E)
PRO	Arr/dep 230° to 241° fr heli, slope 8% (H3) day only.



ST-JOVITE QC — See MONT-TREMBLANT / ST-JOVITE

ST-LAMBERT-DE-LAUZON QC CST7

REF	N46 33 37 W71 10 57 1.8SE 17°W UTC-5(4) Elev 475´ A5002
OPR	L'Aéro-parc 418-889-8989 Reg PPR
PF	A-1 C-2,3,5 D-4
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,2,3,4,5,6
RWY DATA RCR	Rwy 06/24 2400x50 GRASS Max wt 2500 lbs Opr Ltd win maint

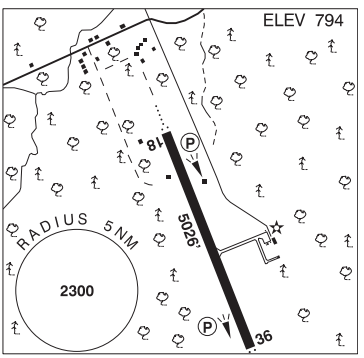


COMM ATF	(bil) tfc 123.5 5NM 3500 ASL excluding the airspace that lies within Québec Class C airspace.
PRO	Rgt hand circuits Rwy 06 (CAR 602.96). No touch & go. Rwy 24 dep, no turns before crossing river. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 877-YUL-CODE (877-985-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Quebec Class C airspace.
CAUTION	Ultra-light activities. Class C airspace north of A/D from 1500 ASL, see Québec VTPC.

ST-LAZARE QC — See MONTRÉAL / ST-LAZARE

ST. LEONARD NB CYSL

REF	N47 09 26 W67 50 11 4SE 18°W (2012) UTC-4(3) Elev 794´ A5002 A5003 LO8 HI6 CAP
OPR	JD Irving Ltd 506-632-7777 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN FIC ACC	(bil) Québec 866-WXBRIEF or 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep. (IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA RCR	Rwy 18(174°)/36(354°) 5026x100 ASPH AGN IIIA Opr CRFI, Ltd win maint. PLR/PCN
LIGHTING	18-AO(TE ME) AP, 36-AS(TE ME) AP ARCAL-122.7 type K

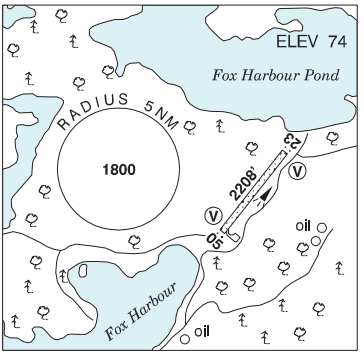


ST. LEONARD NB (Cont'd) CYSL

COMM	
DRCO	(bil) Québec rdo 126.7 (FISE)
ATF	tfc 122.7 5NM 3800 ASL

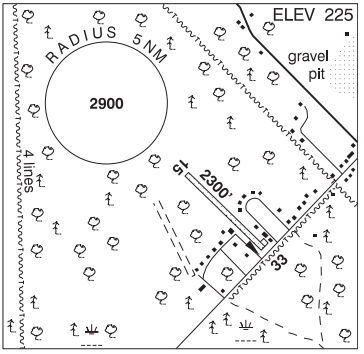
ST. LEWIS (FOX HARBOUR) NL CCK4

REF	N52 22 22 W55 40 26 Adj 19°W (2023) UTC-3 1/2(2 1/2) Elev 74´ A5020 LO7 CAP
OPR	Govt of Newfoundland & Labrador 709-896-7840 Cert
PF	C-1,2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 05(052°)/23(232°) 2208x75 GRVL Rwy 23 down 0.75%
RWY CERT	Rwy 05/23 AGN II
RCR	Opr 0930-1830Z‡ Nov-Apr, 1130-2030Z‡ May-Oct O/T ctc opr 709-939-2383/2357
LIGHTING	05-AS(TE ME) AV 4°, 23-AS(TE ME) AV 4° ARCAL-122.8 type K, key mic 7 times for RIL.
COMM	
ATF	Fox Harbour tfc 122.8 5NM 3100 ASL See PRO section
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.



ST-LOUIS-DE-FRANCE QC CSJ5

REF	N46 26 12 W72 37 49 1.6NE 16°W UTC-5(4) Elev 225´ A5002
OPR	Martin Lemire 819-384-6212 Janny Thibeau-Lévesque 514-264-1605 Reg PPR
PF	C-1 D-2,3,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES	
S	1(ltd)
RWY DATA	Rwy 15/33 2300x50 GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 122.35 3NM 3200 ASL excluding Trois-Rivières (CYRQ) MF area

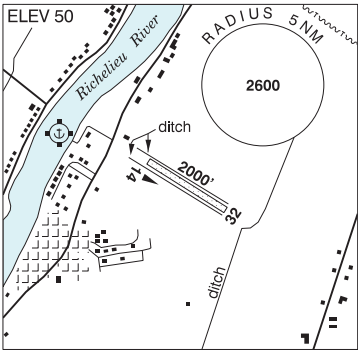


ST-LOUIS-DE-FRANCE QC (Cont'd) CSJ5

PRO	Rgt hand circuits Rwy 33 (CAR 602.96). Mauricie Common Frequency Area aprx 4NM NW. See Section C Planning.
CAUTION	Acft flying at Trois-Rivières aprt (5.4NM SSW of St-Louis-de-France A/D) on inst apch may overfly St-Louis-de-France A/D at 1800 ASL. Blasting ops, 0.4NM radius from N46 34 53 W72 43 44 (9.6 NM N of A/D), max alt 2200 ASL. Blasting area of unkn dimensions 0.8NM NE of A/D.

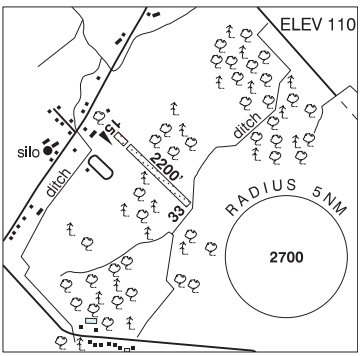
ST-MATHIAS QC CSP5

REF	N45 30 03 W73 14 30 1.7NE 15°W (2014) UTC-5(4) Elev 50´ VTA A5002
OPR	Aviation B. L. Inc 450-658-2041 Reg
PF	A-1 13-22Z‡ C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL All 1,2,3,4,5,6
RWY DATA **RCR**	Rwy 14/32 2000x50 GRVL/GRASS Opr 13-22Z‡
COMM **ATF**	 tfc 123.2 5NM outside CYHU CZ 2000 ASL
PRO	Training areas: See Montréal Terminal VTPC.



ST-MATHIAS / GRANT QC CSX5

REF	N45 28 19 W73 11 58 2.7SE 15°W (2014) UTC-5(4) Elev 110' VTA A5002
OPR	Grant Avn Enr 450-658-0266 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	 1,4,5,6
RWY DATA **RCR**	Rwy 15/33 2200x50 GRASS Thld 15 displ 300' Rwy 15 first 1000' up 2% Opr Ltd win maint, sfc soft spring & fall.
COMM **ATF**	 tfc 123.2 5NM 3100´ outside YHU CZ.

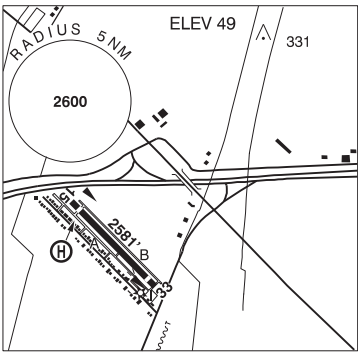


ST-MATHIAS / GRANT QC (Cont'd) CSX5

PRO	Rgt hand circuits Rwy 33 (CAR 602.96). Training areas: See Montréal Terminal VTPC. Avoid overflying three horse farms WSW of rwy. Pref dep Rwy 15.
CAUTION	A/D status unkn 2NM S. Ultra-light activities. Trees 159 ASL (49 AGL) 300' from Thld 15.

ST-MATHIEU-DE-BELOEIL (GILLES BEAUDET) QC CSB3

REF	N45 35 25 W73 14 17 1.5NW 15°W (2014) UTC-5(4) Elev 49´ VTA A5002
OPR	Corporation Aéroport SMB Inc 450-446-5931 Reg PPR
PF	B-7,8 C-3,4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR. Flt Plns by Fax at 514-633-2877 & include phone numbers where pilot can be reached prior to dep. IFR clearance or activation 514-633-3014.

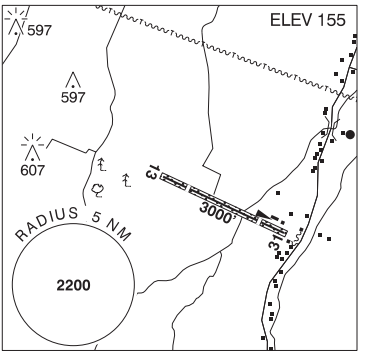


SERVICES	
FUEL	100LL (Corp. Aéroport SMB. Members only.)
OIL	All
S	1,2,3,4,5
PVT ADV	Aviamax 450-446-2570; Helico SB3 450-536-0880; Vortex Aviation 450-446-7400
RWY DATA	Rwy 15(150°)/33(330°) 2581x50 ASPH Thld 15 displ 203' Thld 33 displ 178'
RCR	Opr Ltd win maint
LIGHTING	15-(TE ME), 33-(TE ME) ARCAL-122.7 type K
COMM	(bil)
ATF	tfc 122.7 5NM outside CYHU CZ 2000 ASL
PRO	**Circuits:** All circuits not to exceed 1000 ASL. Touch/go for helicopters are not auth on Rwy 15. Touch/go for all aircraft are not auth btwn 03-13Z‡ **Circuit Rwy 15:** Extend downwind near the wooded area. Maintain 1000 ASL until turning final. Avoid over-flying built-up area below 1000 ASL on the downwind leg. **Circuit Rwy 33:** Climb on rwy centreline to 1000 ASL before turning for circuits or BPOC. **Airspace:** CYA 627(S) aprx 12NM NE of A/D up to 3000 ASL, cont daylight. **Training areas:** See Montréal Terminal VTPC. Broadcast ground position and movement intentions.
CAUTION	Twy B easily confused with Rwy 15/33. **CYHU instrument apch:** Acft flying at Montréal/St-Hubert aprt (9NM WSW of Beloeil A/D Rwy 24R instrument apch may overfly Beloeil A/D at 2100 ASL.) **Circuits:** Rwy 15 tfc ptn, twr less than 1NM NE of A/D, 331 ASL. Rwy 33 tfc ptn, twr at 1NM SSW of A/D, 240 ASL.

ST-MATHIEU-DE-LAPRAIRIE QC

CML8

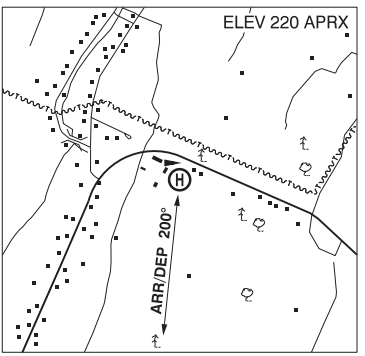
REF	N45 18 40 W73 33 55 2WSW 14°W (2018) UTC-5(4) Elev 155 VTA A5002
OPR	Aerolane 514-594-2897 Reg PPR
PF	C-3,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES FUEL S	 100LL 1,5
RWY DATA RCR	Rwy13(127°)/31(307°) 3000 x 75 GRVL/ASPH, ctr 20' ASPH Thld 13 displ 600' Thld 31 displ 600' Opr
COMM ATF	 tfc 123.2 5NM 3200 ASL excluding Montréal/Pierre Elliott Trudeau Intl CZ, Montréal/St-Hubert CZ and the airspace that lies within Montreal TCA class C airspace
CAUTION	Lgtd & unlgtd wind turbines to 607 ASL (456 AGL) W of thld 13 (see sketch) and to 653 ASL (456 AGL) aprx 0.7NM S & SW of A/D. 30 AGL P-line crosses apch to Rwy 31, 1400' fr displ thld.



ST-MICHEL QC (Heli)

CML9

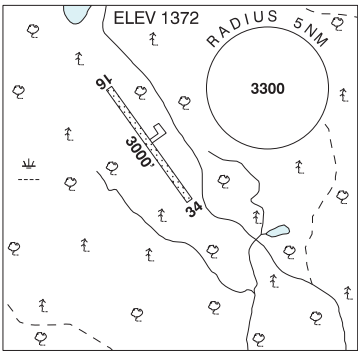
REF	N45 15 18 W73 33 03 1.3 ENE 14°W (2017) UTC-5(4) Elev 220' aprx VTA A5002
OPR	Sylvain Oligny 514-943-7912 Reg PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada and the USA)
SERVICES FUEL	 100LL
HELI DATA RCR	FATO/TLOF 50' x 50' ASPH Safety Area 65' x 65' Max heli overall length 38.6' Opr
COMM ATF	(bil) tfc 123.2 5NM 2000 ASL outside Montreal TCA
PRO	Arr/dep 200° fr heli



ST-MICHEL-DES-SAINTS QC

CSM5

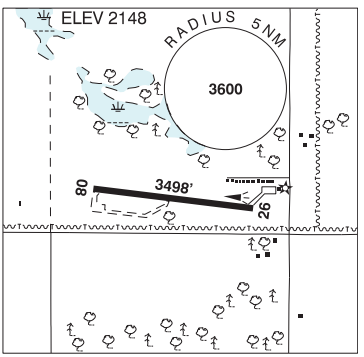
REF	N46 40 51 W73 59 37 3W 15°W (2014) UTC-5(4) Elev 1372´ A5002
OPR	Municipalité de St-Michel-des-Saints 450-886-4502 Ext 7600 Reg
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 16/34 3000x75 GRVL Opr No win maint
COMM ATF	(bil) tfc 123.2 5NM 4400 ASL
CAUTION	Water A/D on Reserve Taureau 4NM E. Common freq.



ST. PAUL AB

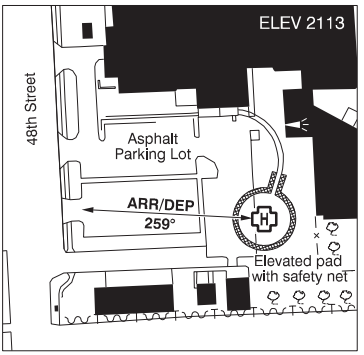
CEW3

REF	N53 59 37 W111 22 41 2W 14°E (2014) UTC-7(6) Elev 2148´ A5015 LO1 LO2 CAP
OPR	Town 780-645-4481 Reg
PF	B-1 C-2,3,4,5,6,7,8
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES FUEL S	 100LL, ctc St. Paul Flying Club 780-227-1815 and 780-614-0989 PN 1,2,3
RWY DATA RCR	Rwy 08(083°)/26(263°) 3498x100 ASPH AGN II St. Paul County 1400-2230Z‡ Mon-Fri exc hols 780-645-3006 O/T PN 780-645-0557. Ltd win maint
LIGHTING	08-(TE ME), 26-(TE ME) ARCAL-122.8 type K
COMM ATF	 UNICOM ltd hrs O/T tfc 122.8 5NM 5200 ASL
PRO	Take-off Rwy 26 climb on rwy heading until past farm bldgs adj SW before making left turn. IFR dep, ctc Cold Lake tml 780-840-8000 Ext 8594.



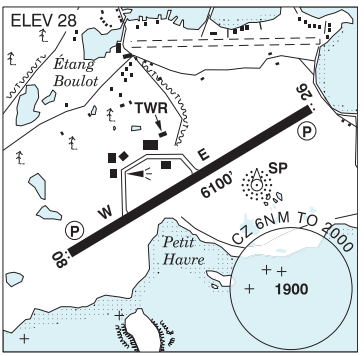
ST. PAUL (HEALTH CARE CENTRE) AB (Heli) CTP5

REF	N53 59 17 W111 17 26 Adj 14°E (2013) UTC-7(6) Elev 2113´ A5015
OPR	St. Therese, St. Paul Health Care Centre 780-645-3331 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia CONC TLOF 29' dia CONC Safety Area 115' dia 15,000 lbs Max heli overall length 55'
LIGHTING	RY (LO) PN
COMM	
ATF	UNICOM 122.8 ltd hrs O/T tfc 122.8 5NM centred on St. Paul A/D 3.2NM W 5200 ASL
PRO	Arr/dep 259° fr heli, slope 12% (H2).
CAUTION	No edge markings.



ST-PIERRE FRANCE LFVP

REF	N46 45 47 W56 10 27 1S 17°W (2020) UTC-3(2) Elev 28' A5012 LO8 HI6
OPR	Service de L'Aviation Civile de St-Pierre et Miquelon, tel 011-508-41-18-00 fax 011-508-41-18-18 11-22Z‡ O/T open to sked commercial, MEDEVAC & SAR flts. Other flts O/R 12 hrs PN tel 011-508-41-18-22 fax 011-508-41-18-20
PF	A-1,3 C-2,4,5,6
CUST	Tel 011-508-55-47-30
FLT PLN	Flt pln & NOTAM avbl from TWR tel 011-508-41-18-22 fax 011-508-41-18-20
FIC	London 519-452-4040 (English) or Québec 866-541-4105 (French)
WX	French National Wx Svc tel 011-508-41-18-64 0830-2215Z (DT 0815-2215Z). When wx svc cannot be provided by LFVP, backup svc provided by LFRS (N3 level of svc).
SERVICES	PN in Flt pln
FUEL	JA-1
OIL	All
ARFF	CAT 3 1100-2200Z‡ Mon-Fri. CAT 2 1100-2200Z‡ Sat-Sun (sked commercial/MEDEVAC/SAR flts, other flts O/R 12 hr PN)
RWY DATA	Rwy 08(077°)/26(257°) 6100x148 ASPH
RCR	Twr PLR/PCN CRFI
LIGHTING	08-AS(TE HI CL A) P2, 26-AS(TE HI CL A) P2

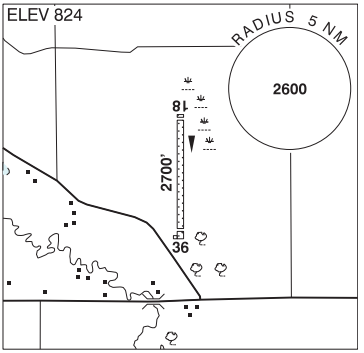


ST-PIERRE FRANCE (Cont'd) LFVP

COMM	
TWR	119.1 118.5 11-22Z‡ O/T Gander Ctr 134.9
ATF	tfc 119.1 5NM 6000 ASL when TWR clsd
TML	119.1 11-22Z‡ O/T Gander Ctr 134.9
PAL	Gander Ctr 134.9
VDF	119.1
NAV	
NDB	SP 386 (L) N46 45 45 W56 10 10
DME	SP 108.9 Ch 26(X) N46 45 59 W56 10 11 (67´) at A/D
ILS	SP 108.9 (Rwy 26) RVR
PRO	Rgt hand circuits Rwy 08.
CAUTION	Old airport located 0.77NM NE. Information contained not verified by Canadian Regulatory Authorities. Contact twr 119.1 entering the tml zone (35NM).

ST-PIERRE-JOLYS (CARL'S FIELD) MB CPJ6

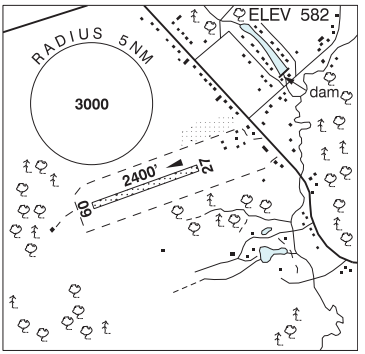
REF	N49 26 10 W96 55 37 2E 3°E (2012) UTC-6(5) Elev 824' VTA A5007
OPR	Mike Gauthier 204-346-2766 or 204-434-6192 Reg PPR
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 18(177°)/36(357°) 2700x50 GRASS Thld 18 displ 60' Thld 36 displ 150'
RCR	Opr Ltd win maint



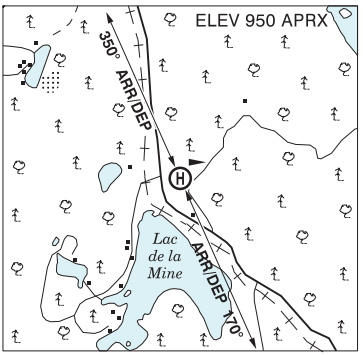
COMM	
ATF	tfc 123.2 5NM 3900 ASL
CAUTION	Trees at Thld 18 and 36.

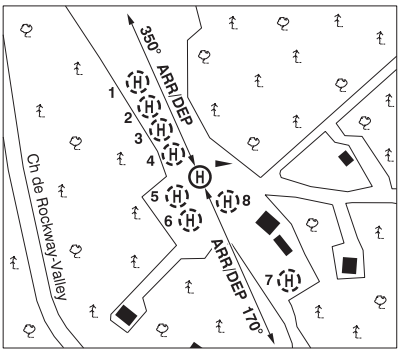
ST-RAYMOND / PAQUET QC — CSK5

REF	N46 53 42 W71 47 09 1.5E 17°W UTC-5(4) Elev 582´ A5002
OPR	Club de vol à voile de Québec Inc 418-337-4905, 418-261-5986 Reg
PF	B-1 C-2,3,4,5 D-6
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09/27 2400x75 GRASS Opr No win maint
COMM **ATF**	UNICOM ltd hrs O/T tfc 123.3 5NM 3500 ASL outside Québec TCA
PRO	Rgt hand circuits Rwy 27 (CAR 602.96). Extv glider activity dur summer months, see Québec VTPC Glider Operations.



ST-REMI-D'AMHERST / KANATA TREMBLANT RESORT QC (Heli) — CKT6





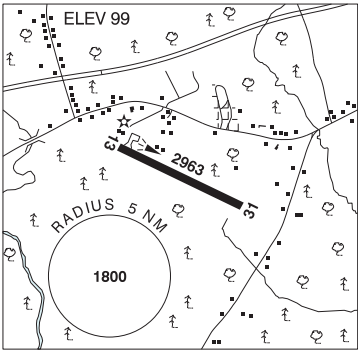
REF	N45 59 30 W74 44 59 1.2SE 14°W (2016) UTC-5(4) Elev 950' aprx VTA A5002
OPR	Air Kanata 877-734-3414 Ext 23 12-23Z‡ Reg PPR
PF	B-1,5,6,7,8 C-2 D-4
FLT PLN **FIC**	(bil) Quebec 866-GOMETEO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **S**	4,6
HELI DATA **RCR**	FATO 30' x 60' CONC/GRVL, 1 side non-supported Safety Area 100' x 60' Max heli overall length 60' Parking Pads 1-6: 40' x 40' GRVL Parking Pad 7: 80' x 75' GRVL Parking Pad 8: 96' x 96' GRVL Opr
COMM **ATF**	tfc 123.2 5NM 4000 ASL

ST-REMI-D'AMHERST / KANATA TREMBLANT RESORT QC (Heli) (Cont'd) CKT6

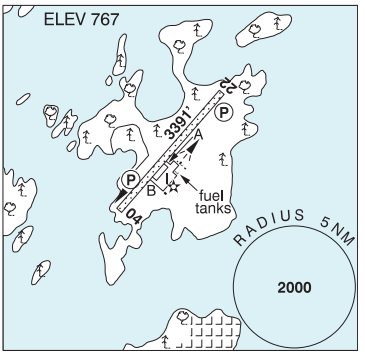
PRO	Arr/dep 170° & 350° fr heli, day use only.
CAUTION	Avoid flight over parking pads 1 to 4 while occupied.

ST. STEPHEN NB CCS3

REF	N45 12 25 W67 14 59 1NE 17°W (2016) UTC-4(3) Elev 99´ A5003 LO8 CAP
OPR	Town 506-466-7717 Reg
PF	B-1 C-2,3,4,5,6
CUST	AOE/15 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	WxCam
SERVICES	12-21Z‡ 506-466-8853 O/T 506-466-1223 or 506-422-1903 PN
FUEL	100LL
OIL	All
RWY DATA	Rwy 13(133°)/31(313°) 2963x75 ASPH Rwy 13 down 0.37% AGN II
RCR	Opr Ltd win maint.
LIGHTING	13-(LO), 31-(LO) ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3100 ASL
PRO	Rgt hand circuits Rwy 31 (CAR 602.96)
CAUTION	Obst twr 320 AGL 1.5NM SE. Parajumps May-Oct max alt 10,000 ASL.



ST. THERESA POINT MB CYST

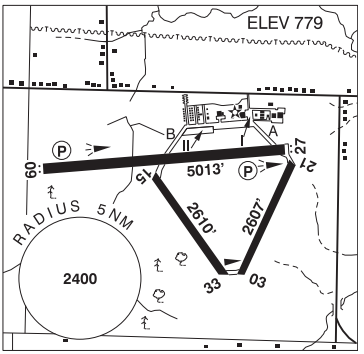


REF	N53 50 44 W94 51 08 0.8N 0° (2018) UTC-6(5) Elev 767´ A5017 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-980-0152 Cert
PF	A-1 C-4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (see PRO)
RWY DATA	Rwy 04(041°)/22(221°) 3391x75 crushed rock Rwy 04 up 0.34% first 2357'
RWY CERT	Rwy 04/22 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-462-2084 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T 204-462-2398 MEDEVAC only 1 hr PN 204-980-0152.
LIGHTING	04-(TE ME) P1, 22-(TE ME) P1 ARCAL-122.2 type K
COMM	
RCO	Thunder Bay rdo (Island Lake) 122.2 (RAAS) Edmonton rdo (Island Lake) 122.375 (FISE) 126.7 (bcst)
MF	Thunder Bay rdo 122.2 5NM 3800 ASL (CAR 602.98)
NAV	
NDB	ISLAND LAKE YIV 300 (M) N53 51 14 W094 39 12
CAUTION	Extv low lvl heli tfc within MF area dur break-up & freeze-up. See ISLAND LAKE - ST.THERESA POINT VTPC. Possible unreported tfc or vehicles on rwy due to rdo blind spot. Island Lake A/D, MF 122.2, 7NM E. Three twr hydro cable span centred on N53 54 09 W94 42 49 (6NM NE aprt) 200 AGL 979 ASL, red & white markers on span. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

ST. THOMAS QC — See JOLIETTE / ST-THOMAS

ST. THOMAS MUNI ON — CYQS

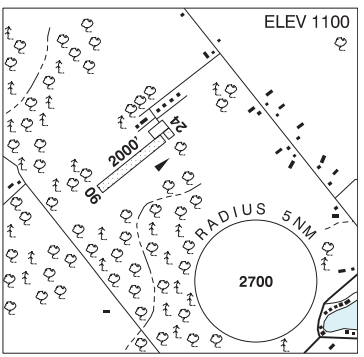
REF	N42 46 12 W81 06 35 3.5E 9°W (2012) UTC-5(4) Elev 779´ A5000 LO6 HI5 CAP
OPR	Muni 519-633-5866 or 519-631-1680 Cert
PF	B-1,2 C-3,4,5,6
CUST	AOE/15 888-226-7277 14-20‡ Mon-Fri exc hols
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO (see COMM) WxCam



SERVICES	13-21Z‡ O/T call out chg may be levied
FUEL	100LL, JA-1 (FSII avbl) Self-serve, Debit, Visa, Mastercard and Amex accepted.
OIL	80, W80, 100, W100, W100plus, 15W50, 20W50, 20W50M, 25W60, Turbo Oil 2380
S	1,2,3,4,5,6
RWY DATA	Rwy 09(094°)/27(274°) 5013x100 ASPH Rwy 03(034°)/21(214°) 2607x75 ASPH Rwy 15(154°)/33(334°) 2610x75 ASPH
RWY CERT	Rwy 03/21 AGN I Rwy 09/27 AGN IIIA Rwy 15/33 AGN I
RCR	Opr Snow removal 13-21Z‡ O/T O/R.
LIGHTING	09-AS(TE ME) P1, 27-AS(TE ME) P1, ARCAL-122.7 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 3800 ASL
AUTO	122.550
CAUTION	Ocsl deer crossing rwys.

ST-VICTOR-DE-BEAUCE QC — CSL5

REF	N46 07 06 W70 53 21 1SE 17°W UTC-5(4) Elev 1100´ A5002
OPR	Club Aéronautique Doyon Inc 418-588-6153/6532 Fax 418-588-6437 Reg PPR
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 06/24 2000x50 GRASS Thld rwy 24 displ 165'.
RCR	Opr No win maint

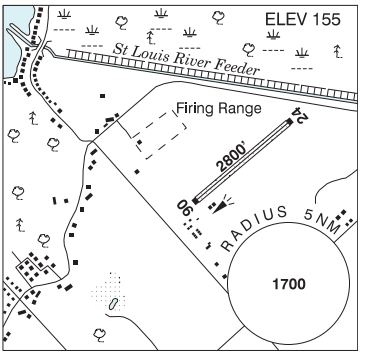


COMM	
ATF	tfc 123.2 5NM except part overlapping St-Georges MF area 4100 ASL
PRO	St-Georges A/D (CYSG) 7.4NM ESE
CAUTION	Possibility of deer on rwy.

SALABERRY-DE-VALLEYFIELD QC

CSD3

REF	N45 12 30 W74 08 29 2.5SW 15°W UTC-5(4) Elev 155´ VTA A5002
OPR	Aéro-club de Valleyfield Inc 450-802-0344 Reg
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR	Rwy 06/24 2800x50 GRVL/ASPH, centre 20' ASPH, Thld 06 and 24 100' x 70' ASPH Opr Ltd win maint

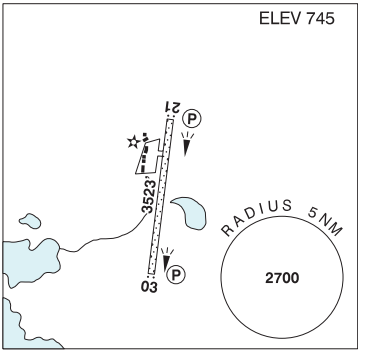


LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-123.2 type J
COMM ATF	(bil) tfc 123.2 5NM 3200 ASL excluding Montréal / Les Cèdres (Héli) ATF area outside Montréal TCA
PRO	Touch and go not permitted.

SALLUIT QC

CYZG

REF	N62 10 46 W75 40 02 1.5SW 22°W (2019) UTC-5(4) Elev 745´ A5033 LO5 CAP RCAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN FIC ACC CARS WX	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 819-255-1530 ltd hrs (see COMM) METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue times: 1440Z (DT 1340Z)

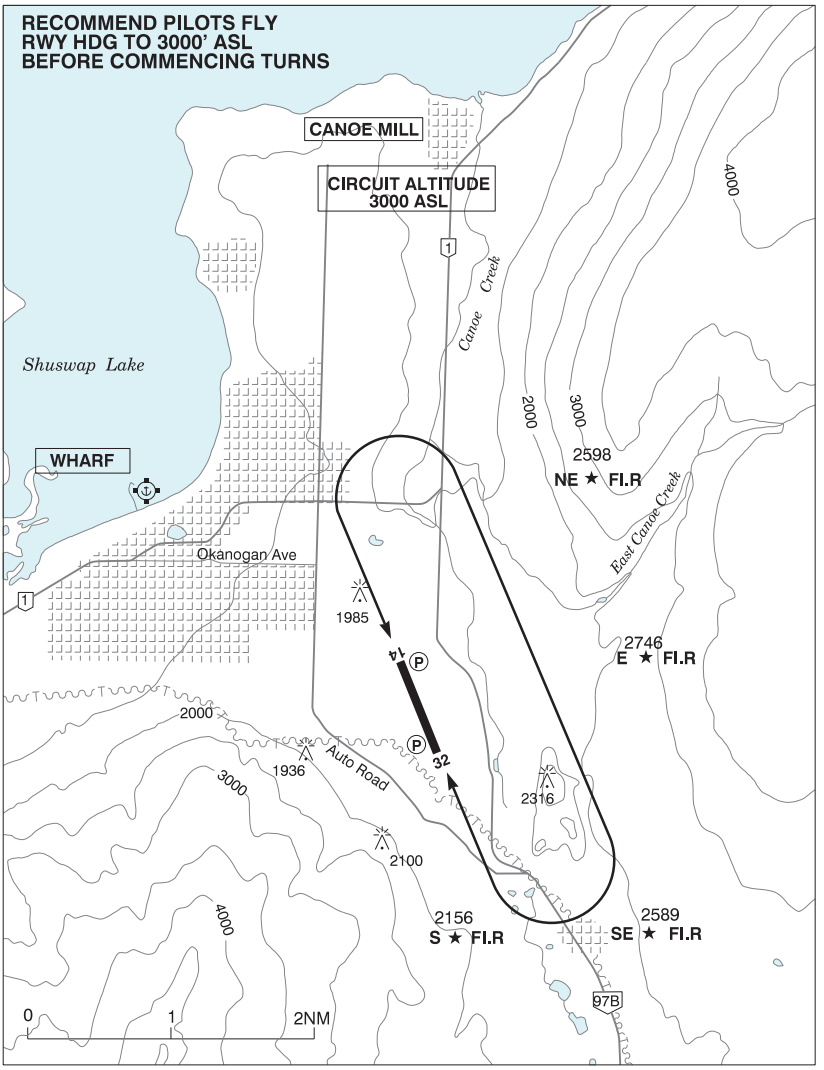


SERVICES FUEL	JA-1, 100LL(D) ltd. Pilots must supply own pump for 100LL(D). PPR. FCNQ Petro 819-255-8335/8100 13-22Z‡ Mon-Fri O/T COOP 819-255-8950, svc chg. Visa and Master Card accepted. Credit by prior arng only, ctc 800-363-7610 Ext 312/425, allow 7 working days.
RWY DATA RWY CERT RCR	Rwy 03(029°)/21(209°) 3523x100 GRVL Rwy 03 down 0.4% first 790´ Rwy 21 down 0.9% first 2720´ Rwy 03/21 IIIB Opr PLR/PCN
LIGHTING	03-AS(TE HI) P2 4.8°, 21-AS(TE HI) P2 ARCAL-122.1 type K, RIL lctd 20' outside of rwy edge.

SALLUIT QC (Cont'd) CYZG

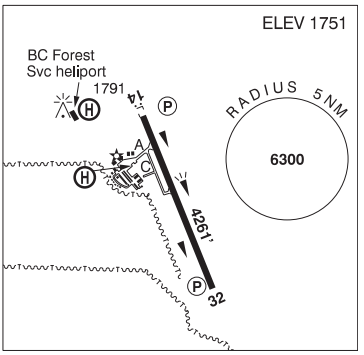
COMM	
DRCO	(bil) Québec rdo 126.7 (FISE)
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3800 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	**Night ops:** Only pilots familiar with local area should use this A/D during hrs of darkness due to terrain & optical illusions **Turbulence:** Severe turbulence may be encountered when wind exceeds 20 kt **Wildlife:** Possibility of caribou on rwy May 1-Sep 30 aprx

SALMON ARM VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



SALMON ARM BC — CZAM

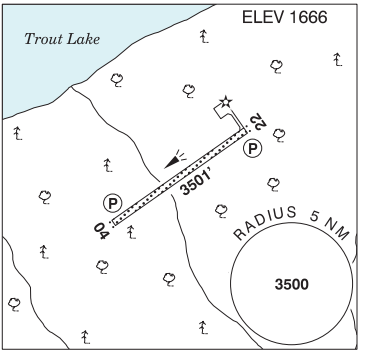
REF	N50 40 57 W119 13 43 2SE 16°E (2013) UTC-8(7) Elev 1751´ A5005 LO2 RCAP
OPR	City of Salmon Arm 250-832-1000 O/T 250-524-0567 Reg Ldg fees may be levied
PF	A-1,6 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO (see COMM) WxCam



SERVICES	
FUEL	100LL, JA-1, MG-3 250-832-1000 15-02Z (DT 13-04Z)
OIL	All
S	1,2,3,4,5
RWY DATA	Rwy 14(142°)/32(322°) 4261x75 ASPH Rwy 32 first 1420' down 1.9%
RCR	Opr Ltd win maint
LIGHTING	14-AS(TE ME) P1 3.5°, 32-(TE ME) P1 3.5° ARCAL-122.9 type K exc RILS (rwy 14) on high setting only.
COMM	
RCO	Pacific rdo 122.375 (FISE) 126.7 (bcst)
MF	UNICOM ltd hrs O/T tfc 122.9 5NM 4700 ASL (CAR 602.98)
AUTO	122.55
RESTRIC-TIONS	OPERATING RESTRICTIONS 1. Pursuant to CARS 602.96(3)(D), not certified for ngt ops unless all hazard beacons are oprg.
PRO	Circuit altitude 3000 ASL. Rgt hand circuits Rwy 32 (CAR 602.96). Night Ops: Follow circuit pro as depicted on VFR terminal ngt circuit pro chart. During parachuting activity over A/D Apr 1-Oct 31, overfly field over Thld 32.
CAUTION	Only pilots familiar with local terrain should use this A/D dur hrs of darkness. Numerous P-lines in vic of A/D. Hang glider act sfc to 10,000 ASL within 15NM of A/D. Check for NOTAM.

SAMBAA K'E NT — CEU9

REF	N60 25 25 W121 16 11 Adj 20°E (2014) UTC-7(6) Elev 1666' A5029 LO5 CAP RCAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt 877-989-1400 Reg
PF	C-1,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526



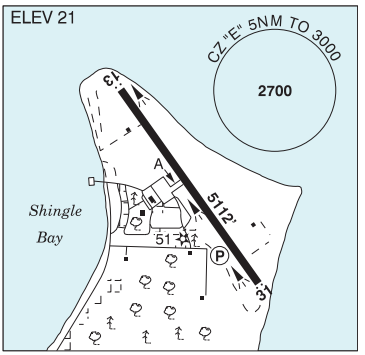
SERVICES	
S	4,6

SAMBAA K'E NT (Cont'd) CEU9

RWY DATA	Rwy 04(035°)/22(215°) 3501x98 GRVL AGN II
RCR	Opr Win maint 1500-2330Z‡ Mon-Fri exc hols, O/T 2 hrs PN, ctc 867-695-6688. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	04-AS(TE ME) AP, 22-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4700 ASL

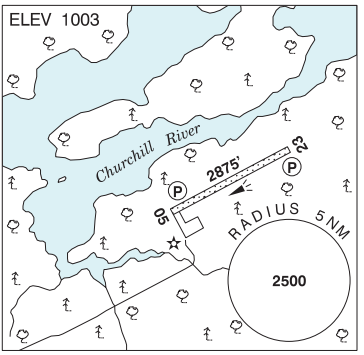
SANDSPIT BC CYZP

REF	N53 15 15 W131 48 50 1.5NE 19°E (2013) UTC-8(7) Elev 21´ A5013 LO1 HI3 CAP
OPR	TC 250-637-1149 Fax 250-637-5661 16-24Z‡ O/T 2 hrs PN, cost recovery Cert Ldg fees (jet and turboprop acft only) Tml fees
PF	A-1,3,6,7 B-2 C-4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam



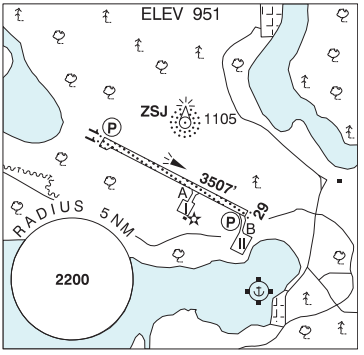
SERVICES	
FUEL	JA-1 (FSII avbl), SP, HPR 15 min PN 16-01Z‡, 250-637-2431, O/T call out chg.
S	4,5
SUP FL	D-ice 250-637-5726 call out chg
RWY DATA	Rwy 13(125°)/31(305°) 5112x150 ASPH Rwy 13 up 0.40% first 328'
RWY CERT	Rwy 13/31 AGN IIIB
APRON	Prkg fees
RCR	Opr Win maint 16-24Z‡ Mon-Fri exc hols, O/T 2 hrs PN cost recovery. CRFI, PLR/PCN
LIGHTING	13-AS(T HI) enhanced pre-thld lgts, 31-AS(T HI) P2 O/R Terrace FSS
COMM	
RCO	Terrace rdo 122.3 PTC avbl (RAAS) 296.2 (RAAS) Pacific rdo (Prince Rupert) 123.275 (FISE) 126.7(bcst) (May not be receivable on gnd)
MF	Terrace rdo 122.3 296.2 5NM 3000 ASL (CAR 602.98) See PRO section
PAL	Vancouver Ctr 227.2
AWOS	128.75
NAV	
VOR/DME	YZP 114.1 Ch 88 N53 15 08 W131 48 26 (46')
ILS	IZP 109.5 (Rwy 13) LOC reliable only within 10° either side of centreline.
PRO	Special VFR tfc advsy procedures apply outside MF zone, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Numerous blasting ops in logging areas, ctc Kamloops FIC for info. Extv bird activity year-round.

SANDY BAY SK — CJY4



REF	N55 32 44 W102 16 19 1.3NE 7°E (2013) UTC-6 Elev 1003´ A5016 LO1 RCAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	6
RWY DATA	Rwy 05(054°)/23(234°) 2875x75 treated gravel Rwy 05 down 0.5%
RCR	District Office 306-953-3550 or Opr Ltd win maint
LIGHTING	05-(TE LO) P1, 23-(TE LO) P1 ARCAL-122.8 type K. Three ints settings avbl for P1 only.
COMM	
ATF	tfc 122.8 5NM 4000 ASL

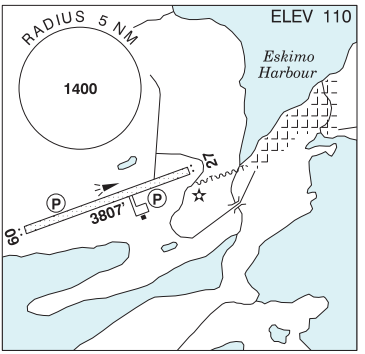
SANDY LAKE ON — CZSJ



REF	N53 03 51 W93 20 40 Adj NE 1°W (2021) UTC-6(5) Elev 951´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-774-4521 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam TAF 11-23Z‡, issue times: 1040, 1740Z (DT 0940, 1640Z)
RWY DATA	Rwy 11(114°)/29(294°) 3507x100 GRVL Rwy 11 up 0.40% Rwy 29 up 1.03%
RWY CERT	Rwy 11/29 AGN IIIA
APRON	Apron I - ATB, Apron II - Cargo
RCR	Aprt Foreperson 807-633-1338 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	11-AS(TE ME) AP, 29-AS(TE ME) AP ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4000 ASL
AWOS	124.825
NAV	
NDB	ZSJ 258 (M) N53 04 06 W93 20 40 Unmonitored
CAUTION	Rdo transmission blind spot lctd on apron adj to mid-pt of rwy. Transmission made on the rwy received normally by acft in flt.

SANIKILUAQ NU — CYSK

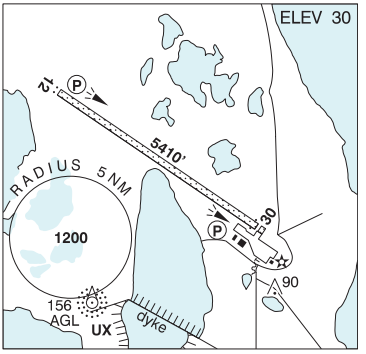
REF	N56 32 13 W79 15 00 Adj W 16°W (2017) UTC-5(4) Elev 110´ A5026 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 CARS ops hrs O/T PN
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	867-266-8824 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS



SERVICES	
FUEL	JA-1 867-266-8909/8007/8788/8273 14-23Z‡ Mon-Sat exc hols O/T call out chg PN. Credit card & cash accepted. Credit by prior arng 867-645-8400, allow 7 working days.
RWY DATA	Rwy 09(086°)/27(266°) 3807x100 gravel Rwy 27 down 1.1% first 2300' and up 1.3% last 1500'
RWY CERT	Rwy 09/27 IIIA
RCR	Maint contractor 867-266-8824/8308 A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	09-AS(TE ME) AP, 27-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM	
MF/ATF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 13-23Z‡ Mon-Fri exc federal observed hols
CAUTION	Hill 250 ASL 0.75NM WSW of Thld 09. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

SANIRAJAK AIRPORT NU — CYUX

REF	N68 46 33 W81 14 33 25°W (2022) UTC-5(4) Elev 30´ A5043 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5,6 Tml bldg avbl 1230-2200Z‡ Mon-Sat.
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-928-8807 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T METAR AUTO (see COMM). TAF H24, issue times: 01, 07, 13, 19Z. WxCam



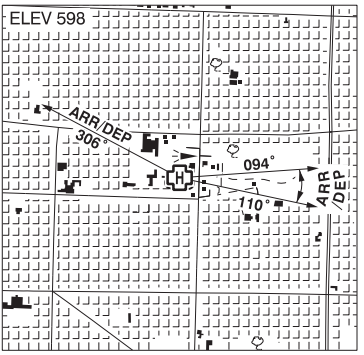
SANIRAJAK AIRPORT NU (Cont'd) CYUX

SERVICES FUEL	Call out chg may be levied outside oprg hrs. JA-1 1400-2330Z‡ Mon-Fri 1800-2200Z‡ Sat & Sun exc hols 30 min PN 867-928-8123 or 867-928-8124 or thru CARS. O/T 867-928-8762 or 867-928-8409 VISA credit card only. Other credit by prior arng only.
RWY DATA RWY CERT RCR	Rwy 12(124°T)/30(304°T) 5410x150 gravel Thld 30 displ 192'. Rwy 12/30 AGN IIIA Maint contractor 867-928-8919/8850. A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN.
LIGHTING	12-AS(TE ME) P2, 30-AS(TE ME) P2 ARCAL-122.2 type K. Rwy 30 AS lgts loc 216' NW and in line with Rwy 30 thld. (See CAUTION).
COMM RCO MF APRT RDO MIL AWOS	 Edmonton rdo 123.275 (FISE) 126.7 (bcst) aprt rdo ltd hrs O/T tfc 122.2 5NM 3100 ASL (CAR 602.98) 122.2 (V) 12-24Z (see PRO) 228.9 256.6 263.2 364.2 (E) 128.7
NAV NDB VOR/DME	 HALL BEACH UX 378 (M) N68 46 03 W81 15 23 HALL BEACH YUX 117.3 Ch 120 N68 46 42 W81 14 22 (23´) VOR oriented on True North
PRO	Aprt rdo unavbl dur radiosonde balloon inflation 2235-2255Z. Wx info avbl fr AWOS (128.7). Bcst intentions on MF.
CAUTION	Dly radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv migratory bird activity May-Oct.

SARGEANT PRIVATE AIRFIELD ON — See AYR / SARGEANT PRIVATE AIRFIELD

SARNIA (BLUEWATER HEALTH) ON (Heli) CBW5

REF	N42 58 31 W82 23 17 Adj 8°W (2022) UTC-5(4) Elev 598' A5000
OPR	Bluewater Health 519-464-4500 Ext 4040 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 82' dia ASPH/CONC TLOF 33' dia CONC Safety Area 109' dia Max heli overall length 57.4' (CAR 602.96) Opr
LIGHTING	DR RF(FL) RW(LO) Green
COMM ATF	 tfc 123.0 5NM centred on Sarnia A/D 3.7NM ENE 3600 ASL

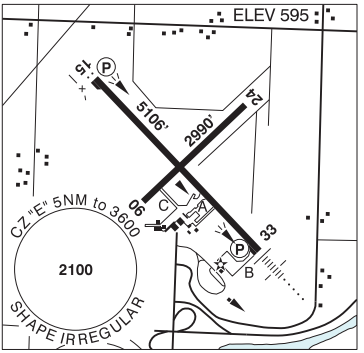


SARNIA (BLUEWATER HEALTH) ON (Heli) (Cont'd) CBW5

PRO	Arr/dep 094° to 110° & 306° fr heli (H1), day use only (CAR 602.96). School playground immediately W of Heli; hovering and/or maneuvering adj or over Heli fencing next to school yard proh.
CAUTION	Marked P-lines lctd aprx 320' NW and 400' E fr heli. Trees 650' E fr heli 85' AGL. Lgtd hosp bldg NW fr heli. Lgtd lamp posts N fr heli. Lgtd antenna twr 600' SE fr heli 155' AGL.

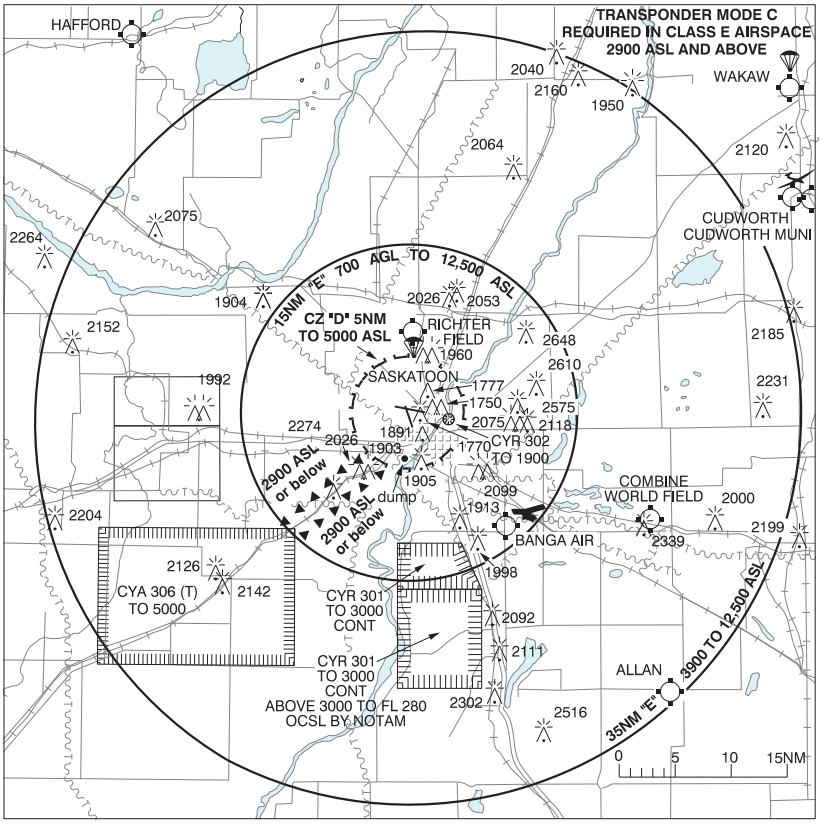
SARNIA (CHRIS HADFIELD) ON CYZR

REF	N42 59 59 W82 18 34 4ENE 8°W UTC-5(4) Elev 595´ A5000 LO6 HI5 CAP
OPR	City 519-542-7767 13-22Z‡ Mon-Fri, 13-20Z‡ Sat-Sun & hols Cert
PF	B-1,2,6 C-3,4,5
CUST	AOE/30 888-226-7277 13-04Z‡ PN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF 10-03Z‡, issue times: 0840, 1340, 1940Z (DT 0740, 1340, 1940Z). WxCam



SERVICES	Corporate & Commercial after hrs call out 519-381-3444. Chgs may apply.
FUEL	100LL 13-01Z‡, JA-1 HPR 13-23Z‡
OIL	65, 80, 100 13-01Z‡
S	1,4,5,6 Ltd stor
PVT ADV	Piston FBO 519-542-6599, after hrs call out 519-402-2199. Chgs may apply. Jet/Turbine FBO 519-542-7767 PN.
RWY DATA	Rwy 15(145°)/33(325°) 5106x100 ASPH Rwy 06(055°)/24(235°) 2990x75 ASPH
RWY CERT	Rwy 15/33 AGN IIIA Rwy 06/24 AGN I
TWY CERT	Twy C AGN I
TWY	Twy C rstd day use only. Twy A rstd pvt use only.
RCR	Opr 13-22Z‡ Mon-Fri, 13-20Z‡ Sat-Sun and hols, O/T 2hr PN call out chg.
LIGHTING	15-AS(TE HI) P1, 33-AN(TE HI) P1 ARCAL-123.0 type K
COMM	
RCO	London rdo 123.475 (FISE)
ATF	tfc 123.0 5NM 3600 ASL
PAL	Toronto Ctr 134.375
AWOS	119.125
PRO	Rgt hand circuits Rwy 24 (CAR 602.96).
CAUTION	5' bdry fence aprx 380' SW Thld 15. Snowy Owl presence Nov 1 - Mar 31.

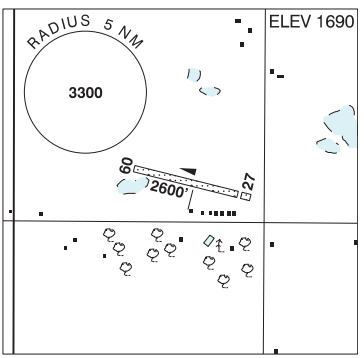
SASKATOON VFR TERMINAL PROCEDURES CHART



SASKATOON / BANGA AIR SK

CJN5

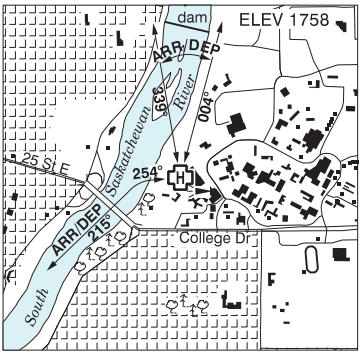
REF	N52 00 02 W106 27 45 10SE 11°E (2012) UTC-6 Elev 1690´ A5006 A5015
OPR	Banga International Air Ltd 306-612-1227 Reg PPR
PF	C-1,2,5 D-3,4,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09(093°)/27(273°) 2600x70 earth Thld 27 displ 200´ Opr No win maint
COMM **ATF**	tfc 122.8 5NM 4700 ASL

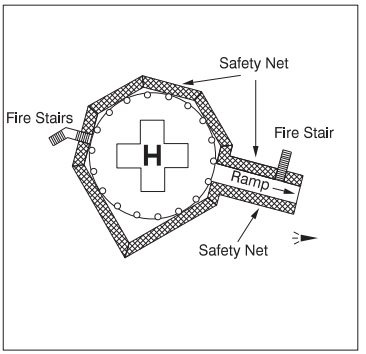


SASKATOON / BANGA AIR SK (Cont'd) CJN5

PRO	Circuit hgt 2400 ASL. Aprt in close proximity to Saskatoon Class E airspace, see VNC. For flt info ctc TWR 118.3.
CAUTION	Extv ultra-light & NORDO acft in vic

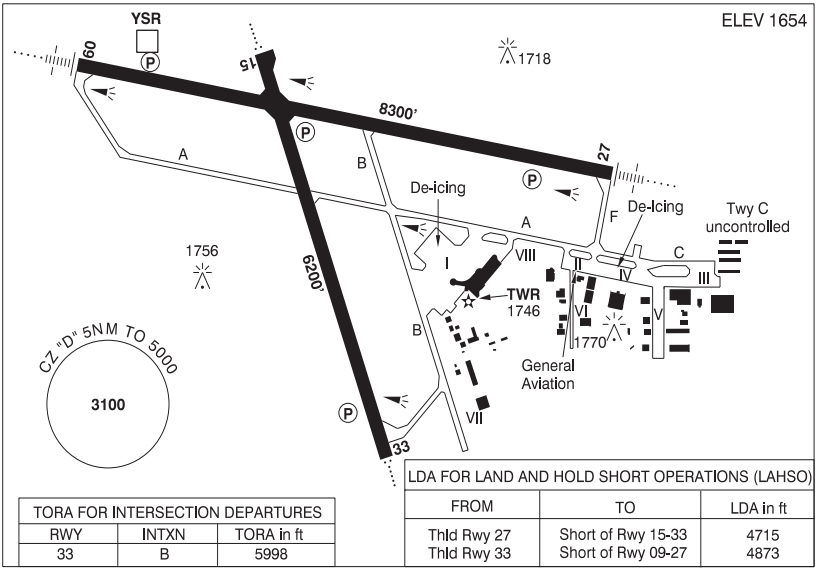
SASKATOON (JIM PATTISON CHILDREN'S HOSPITAL) SK (Heli) CJP4





REF	N52 07 55 W106 38 33 Adj E 11°E (2013) UTC-6 Elev 1758' A5006 A5015
OPR	Saskatchewan Health Authority 306-655-0683 Cert PPR
PF	A-1,2,4,7,8 C-3,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia non-supporting TLOF 57' dia CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4'
RCR	Support services 306-844-1601
LIGHTING	RY (LO) yellow LED
COMM	
RADIO	Saskatoon 118.3 PTC avbl (E) 0445-1200Z Mon-Fri Mar 09-Oct 31, 0445-1245Z Sat-Sun Mar 09-Oct 31, 0445-1245Z Nov 1-Mar 8 (emerg only 306-665-4249)
RCO	Edmonton rdo 122.375 (FISE) 126.7 (bcst)
TWR	Saskatoon 118.3 (E) 1200-0445Z Mon-Fri Mar 09-Oct 31, 1245-0445Z Sat-Sun Mar 09-Oct 31, 1245-0445Z Nov 1-Mar 8 (emerg only 306-665-4249)
MF	rdo 118.3 0445-1200Z Mon-Fri Mar 09-Oct 31, 0445-1245Z Sat-Sun Mar 09-Oct 31, 0445-1245Z Nov 1- Mar 8 5NM centred on Saskatoon/John G. Diefenbaker Intl A/D 3.2NM NW 5000 ASL (CAR 602.98)
PRO	Arr/dep 339° to 004° fr heli, slope 8% (H3), day/night use. Arr/dep 254° to 215° curved fr heli, slope 8% (H3), day/night use.
CAUTION	Lgtd hosp elevator penthouse aprx 69' W of heli. Lgtd hosp signage on the N bldg wall BLW heli elev.

SASKATOON / JOHN G. DIEFENBAKER INTL SK CYXE



TORA FOR INTERSECTION DEPARTURES		
RWY	INTXN	TORA in ft
33	B	5998

LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)

FROM	TO	LDA in ft
Thld Rwy 27	Short of Rwy 15-33	4715
Thld Rwy 33	Short of Rwy 09-27	4873

REF	N52 10 15 W106 42 00 3NW 11°E (2013) UTC-6 Elev 1654´ A5006 A5015 LO2 HI3 T1 CAP
OPR	Saskatoon Aprt Authority 306-975-4013 H24 Cert
PF	A-1,2,3,6,7 avbl 1230-0630Z C-4,5
CUST	AOE/200 (300 with staged off-loading) 888-226-7277 14-06Z May 6-Nov 5, 14-06Z Nov 6-Dec 3 O/T O/R, H24 Dec 4-May 5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
DUAT	Saskatoon Aerocentre.
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 6 (CAT 7 30 min PN). Discrete emerg freq 122.675
SUP FL	LHOX D & A-ice
JASU	CE16
PVT ADV	Kreos Aviation/Shell 122.95 12-04Z; Lockhart Aviation/World Fuel 122.85 12-04Z
MIL CON	Depmar Flight Holdings Inc (Shell) 306-931-8552

SASKATOON / JOHN G. DIEFENBAKER INTL SK (Cont'd) CYXE

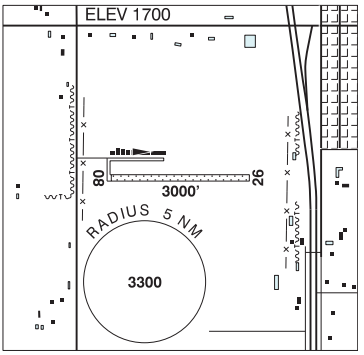
RWY DATA	Rwy 09(090°)/27(270°) 8300x148 ASPH Rwy 15(150°)/33(330°) 6200x148 ASPH RESA: All Rwys 492'
RWY CERT	Rwy 09 RVR 1200(1/4sm)/Rwy 27 RVR 1200(1/4sm) AGN IIIB Rwy 15 RVR 1200(1/4sm)/Rwy 33 RVR 1200(1/4sm) AGN IIIB
TWY	Twy A and Twy C discretionary oversteer rqrd for all acft at intxn of Twy A and Apron II, intxn of Twy A/C and Apron IV, intxn of Twy C and Apron III. Twy C uncontrolled. Twy B adj to Apron I uncontrolled. A310, A330, B757 & B767: 120° turns at intxn Twy B & A proh.
APRON	Prkg Apron I rstd to scheduled & non-scheduled airline tfc. 2 hr PN for gate assignment on Apron I, ctc opr. All other itinerant acft must park on Apron II. Apron VIII rstd to scheduled & non-scheduled airline tfc. 2 hr PN for gate assignment on Apron VIII, ctc opr. No taxiing btwn Apron I and Apron VIII. Apron I, VI, VIII: Heli ops proh. Apron V: Max heli wt 2500lbs.
RCR	Opr or 306-975-4328 CRFI, PLR/PCN
LIGHTING	09-AN(TE HI) P3, 27-AN(TE HI) P3, 15-AO(TE HI) P2, 33-AO(TE HI) P2. Nominal touchdown pt P2 Rwy 15 aprx 1200´ S of thld Rwy 15.
COMM	
RADIO	Saskatoon 118.3 PTC avbl (E) 0445-1200Z Mon-Fri Mar 09-Oct 31, 0445-1245Z Sat-Sun Mar 09-Oct 31, 0445-1245Z Nov 1- Mar 8 (emerg only 306-665-4249)
RCO	Edmonton rdo 122.375 (FISE) 126.7 (bcst)
ATIS	128.4
GND	Saskatoon 121.9 1200-0445Z Mon-Fri Mar 09-Oct 31, 1245-0445Z Sat-Sun Mar 09-Oct 31, 1245-0445Z Nov 1- Mar 8
TWR	Saskatoon 118.3 (E) 1200-0445Z Mon-Fri Mar 09-Oct 31, 1245-0445Z Sat-Sun Mar 09-Oct 31, 1245-0445Z Nov 1- Mar 8 (emerg only 306-665-4249)
MF	rdo 118.3 0445-1200Z Mon-Fri Mar 09-Oct 31, 0445-1245Z Sat-Sun Mar 09-Oct 31, 0445-1245Z Nov 1- Mar 8 5NM 5000 ASL (CAR 602.98)
ARR	Saskatoon 119.9
DEP	Saskatoon 119.9
PAL	Winnipeg Ctr 134.325
NAV	
DME	SASKATOON YSR 114.7 Ch 94 N52 10 45 W106 42 49 (1673')
ILS	IST 109.9 (Rwy 09) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwys 15 & 27 (CAR 602.96). Arr/dep as depicted on VTPC to/fr CYA 306T. Reduced Visibility Procedures (RVR less than 2600 to 1200 ft): See CAP **ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for the following; - IFR tng and photo survey within Saskatoon Class E Transponder Airspace **HELI PRO:** Heli tfc oprg on Apron II, III, IV, and V must arr and dep fr Twy C, E of the runup area.
CAUTION	Random radiosonde &/or heavy balloon launches aprx 15 NM SW, at abandoned A/D Vanscoy. Ocsl parajump activity within 1NM of Martensville (N52 16 50 W106 41 08, 6.6NM N aprt), daylight hrs activated by NOTAM. Max alt 11,600 ASL.

SASKATOON FSS - RCO

Flin Flon 122.0 (RAAS) 14-02Z‡ (N54 41 W101 41)
The Pas 122.2 (RAAS) 14-02Z‡ (N53 58 W101 06)

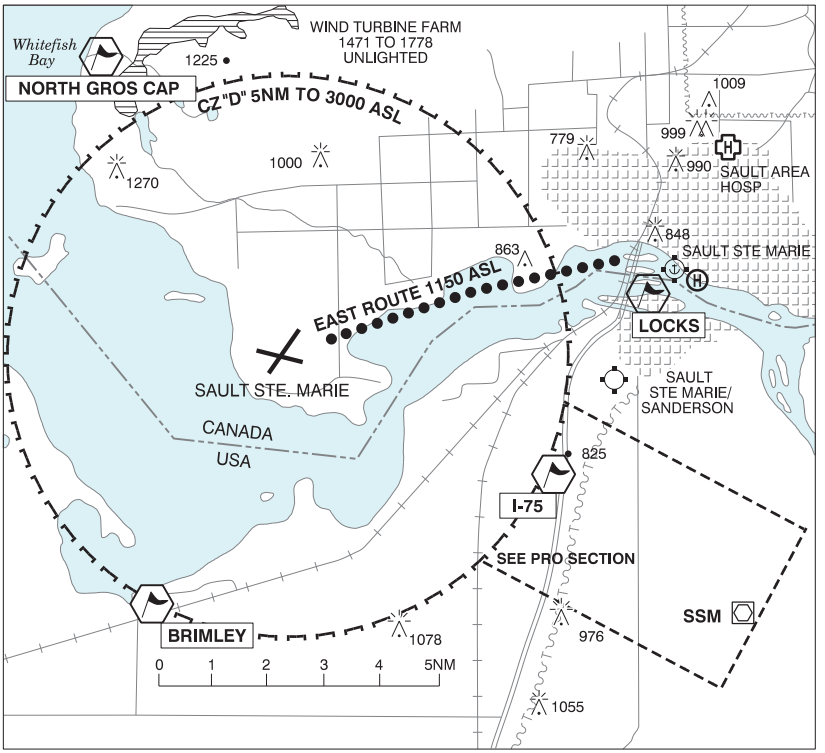
SASKATOON / RICHTER FIELD SK CRF5

REF	N52 16 49 W106 41 02 6N 11ºE (2013) UTC-6 Elev 1700' A5006 A5015
OPR	Frank Richter 306-384-3975 Reg PPR
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
PF	C-1,2,4,5
SERVICES FUEL S	 100LL 1,4,5
RWY DATA	Rwy 08(079º)/26(259º) 3000x75 GRASS/GRVL/CLAY, Rwy 08 100x25 CONC pad at thld
RCR	Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 4700 ASL excluding portion within CYXE CZ
PRO	Rgt hand circuits Rwy 08 (CAR 602.96)



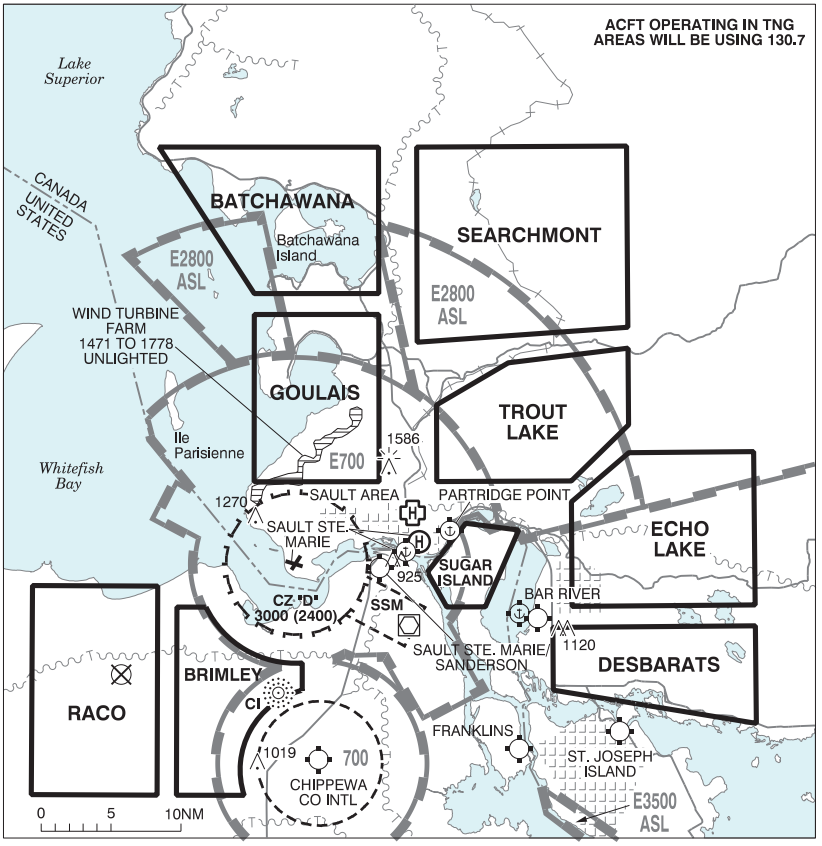
SAUGEEN MUNI ON — See HANOVER / SAUGEEN MUNI

SAULT STE. MARIE VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BRIMLEY	VCBRM	N46° 24' 45" W084° 34' 00"
I-75	VCISF	N46° 26' 00" W084° 23' 36"
LOCKS	VCLKS	N46° 30' 12" W084° 21' 18"
NORTH GROS CAP	VCNGC	N46° 34' 30" W084° 35' 30"

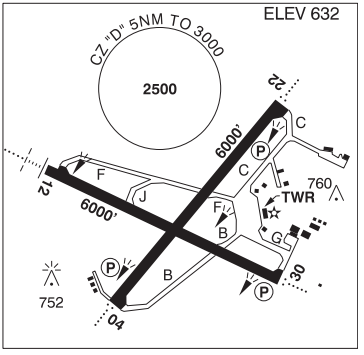
SAULT STE. MARIE VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



SAULT STE. MARIE ON

CYAM

REF	N46 29 06 W84 30 34 8WSW 7°W (2012) UTC-5(4) Elev 632´ A5001 LO4 HI4 HI5 CAP
OPR	Sault Ste. Marie Airport Development Corporation 705-779-3031 1045-0345Z‡ Cert Ldg fees
PF	B-1,2,3,6,7 D-4,5
CUST	AOE/30 888-226-7277
FLT PLN FIC WX	Pilots to open/ close VFR flt plan with London rdo 123.475 or by phone. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) METAR H24. TAF H24, issue times: 02, 08, 14 & 20Z.

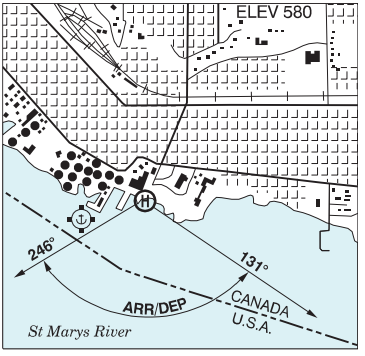


SAULT STE. MARIE ON (Cont'd) CYAM

SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl)
OIL	100, 15W50
S	1,2,3,4,5,6
SUP FL	LHOX, D & A-ice PN
JASU	Mil-CE14, CA2, GTC/GTE85
PVT ADV	Executive Aviation (World Fuel Services) 122.45 11-24Z‡ O/T call out chg 249-889-1244 JD Aero (Avjet Fuels) 128.875 10-22Z‡ 705-779-3977 Ext 200 O/T call out chg apply 705-779-3977 Ext 213/215 or 705-541-8153 (FBO mgr)
MIL CON	JD Aero Technical (Avjet Holding) 705-779-3977
RWY DATA	Rwy 04(040°)/22(220°) 6000x148 ASPH Rwy 22 down 0.3% Rwy 12(115°)/30(295°) 6000x200 ASPH
RWY CERT	Rwy 04/22 AGN IV Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IV
RCR	Opr Win maint CRFI/RSC 1030-0230Z‡ Nov 15-Mar 31 O/T call out chg, 3 hrs PN. PLR/PCN
LIGHTING	04-AO(TE ME) P2, 22-AO(TE ME) P2, 12-AN(TE HI), 30-AO(TE HI) P1 ARCAL-118.8 type K when twr clsd.
COMM	
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
ATIS	133.05 1130-0330Z‡
GND	121.7 1130-0330Z‡
TWR	Sault 118.8 (E) 1130-0330Z‡ (emerg only 705-779-3707)
MF	tfc 118.8 0330-1130Z‡ 5NM shape irregular 3000 ASL (CAR 602.98) MF only applicable over Cdn territory
PAL	Toronto Ctr 132.65 344.5
NAV	
VOR/DME	SSM 112.2 (T) Ch 59 N46 24 44 W84 18 54
ILS	IAM 109.5 (Rwy 12) RVR LOC reliable only within 10° either side of centreline.
PRO	Heli arr/dep E as indicated on VTPC. Heli arr/dep N & S at Twr discretion. Hi lvl of tfc in the vic Sault, Michigan aprt, also on 122.7. Twy G run-ups: only south of the svc road intxn and facing west.
CAUTION	Dur win months btwn 0330-1130Z (when ATC clsd), aprt maint & snow removal vehicles may be oprg on the rwy surface. Ctc all gnd vehicles on MF when ATC clsd.

SAULT STE. MARIE ON (Heli) CNR3

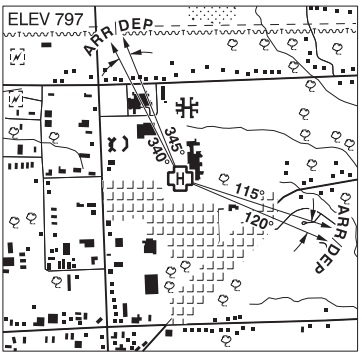
REF	N46 30 16 W84 19 24 Adj S 7°W UTC-5(4) Elev 580´ A5001
OPR	Canadian Bushplane Heritage Centre 705-945-6242 Reg
PF	B1 avbl 13-22Z‡ C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	13-22Z‡ May-Oct, dawn til dusk Nov-Apr
FUEL	100LL Humphrey Aviation Services 705-542-2590
HELI DATA	57´ dia concrete
RCR	Opr
LIGHTING	Floodlit Apron; Aiming point lighting, 6 red lgts.

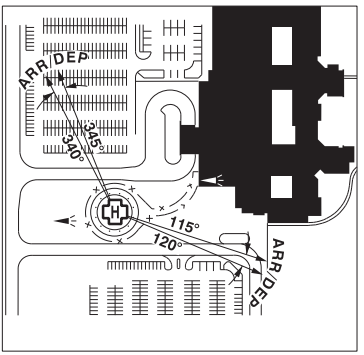


SAULT STE. MARIE ON (Heli) (Cont'd) CNR3

COMM ATF	tfc 122.7 2NM 3000 ASL
PRO	Arr/dep btwn 131°-246° fr heli. Arr/dep hover area & aiming point lctd S of pad.
CAUTION	Co-located water aerodrome, docks just W of helipads. Hi lvl of tfc in vic Sault, Michigan aprt, also on 122.7

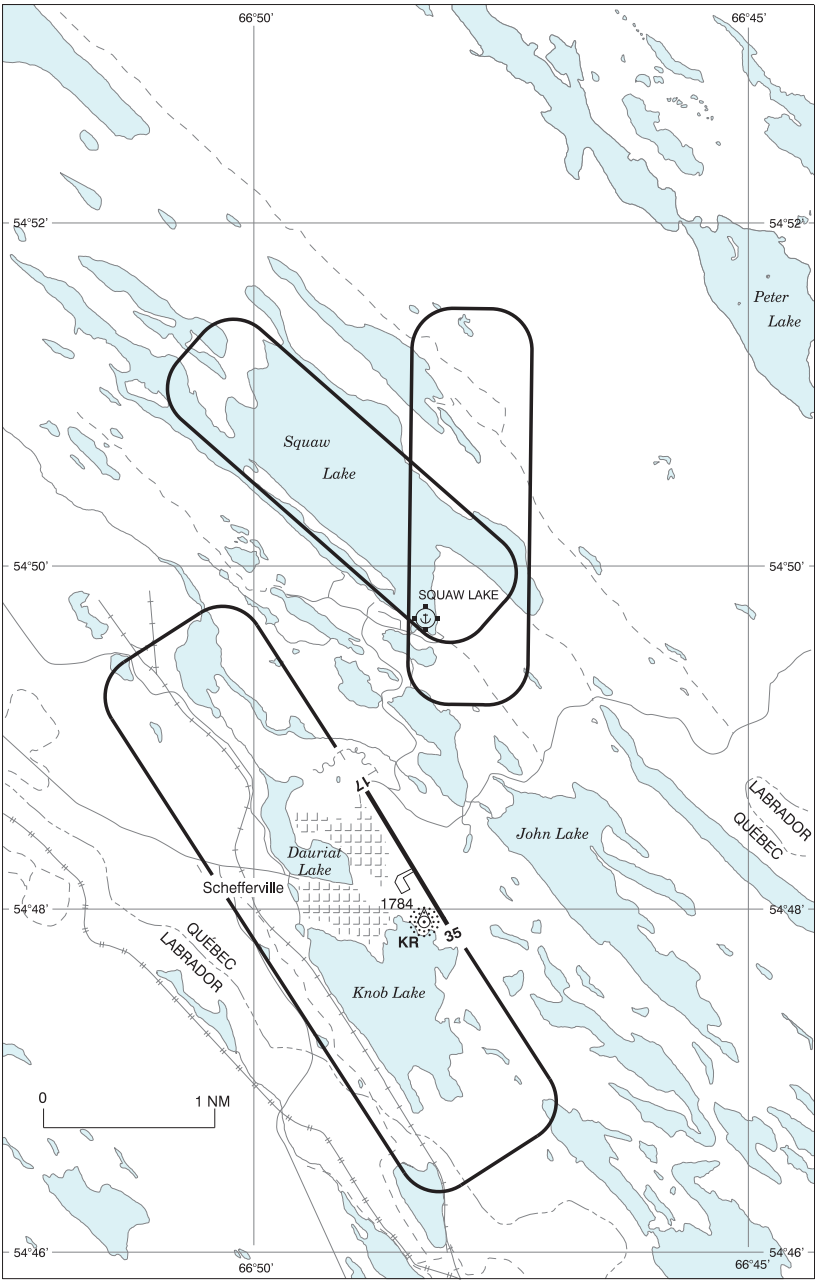
SAULT STE. MARIE (SAULT AREA HOSP) ON (Heli) CSM9





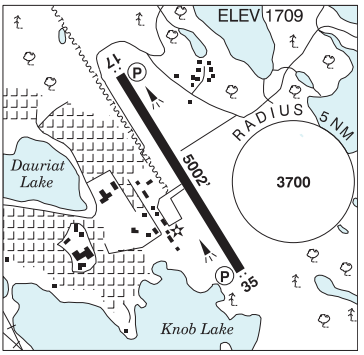
REF	N46 32 51 W84 18 45 5N 7°W UTC-5(4) Elev 797' A5001
OPR	Sault Area Hospital 705-759-3434 Ext 4412 Cert PPR
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	86' dia concrete 115' dia safety area Max heli overall length 57.4´ Opr
LIGHTING	RY(LO)
COMM ATF	tfc 122.7 2NM 3000 ASL
PRO	Arr/dep btwn 115°-120° & 340°-345° fr heli, slope 16% (H2), day/night use.
CAUTION	Twr 224 AGL aprx 0.2NM W and twr 230 AGL aprx 0.7NM NW of heli.

SCHEFFERVILLE / SQUAW LAKE VFR TERMINAL PROCEDURES CHART



SCHEFFERVILLE QC — CYKL

REF	N54 48 19 W66 48 19 Adj 20°W (2021) UTC-5(4) Elev 1709´ A5019 LO5 HI1 CAP
OPR	Société aéroportuaire de Schefferville 418-585-3544 Cert
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC** **WX**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) Montréal 800-633-1353 METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam

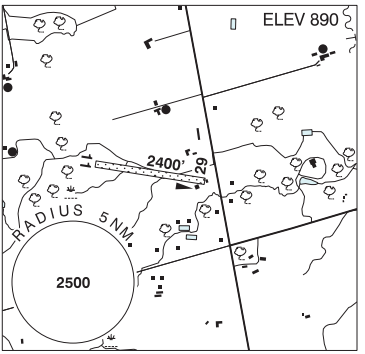


SERVICES	Call out chg will be levied after ops hrs PN 13-22Z‡ All major credit cards accepted.
FUEL	100LL, JA-1 (FSII avbl) (also avbl (D)), 1 hr PN
OIL	ALL
SUP FL	D-ice
JASU	Elect start 28.5 VDC 800 amp
PVT ADV	Pétroles Naskinnuk L.P. 418-585-2349 (emerg only 877-705-7798)
RWY DATA	Rwy 17(169°)/35(349°) 5002x150 ASPH
RWY CERT	Rwy 17/35 IIIA
RCR	Opr Snow removal 12-20Z Mon-Fri O/T 3 hrs PN call out chg 418-585-2797. CRFI, PLR/PCN
LIGHTING	17-AS(TE ME) P2, 35-AS(TE ME) P2 ARCAL-122.2 type K
COMM	(bil)
RCO	Québec rdo 123.475 (FISE) 126.7 (bcst)
MF	tfc 122.2 (without ground station) 15NM 4800 ASL (CAR 602.98)
PAL	Montréal Ctr 132.9 312.7
AWOS	124.6 (English) 127.5 (French)
PRO	Rgt hand circuits Rwy 17 (Jul 1-Sep 30) (CAR 602.96). Acft oprg within MF zone should have their ldg lights on.
CAUTION	P-line (30´ pylons) & road west of rwy strip 17. Dense tfc in the region of Squaw Lake water A/D Jul-Sep.

SCHLENKER AB — See MEDICINE HAT / SCHLENKER

SCHOMBERG (SLOAN FIELD) ON — CSV8

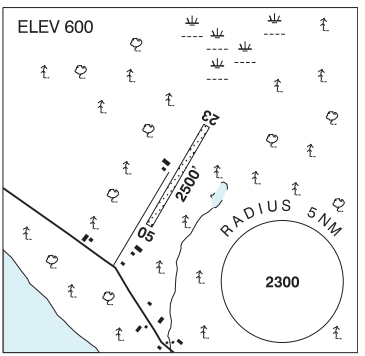
REF	N43 59 10 W79 43 38 2WSW 11°W (2011) UTC-5(4) Elev 890' VTA A5000
OPR	Gord Sloan 416-464-7384 Reg PPR
PF	C-1,2,3 D-4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 11(110°)/29(290°) 2400x30 GRASS Opr Ltd win maint. Rwy soft in spring and when wet.
COMM ATF	tfc 123.2 3NM 3900 ASL
CAUTION	P-lines buried W, trees W of strip 50 AGL.



SCOBEY BORDER STATION SK — See CORONACH / SCOBEY BORDER STATION

SCOTTSFIELD AIRPARK NB — CCF9

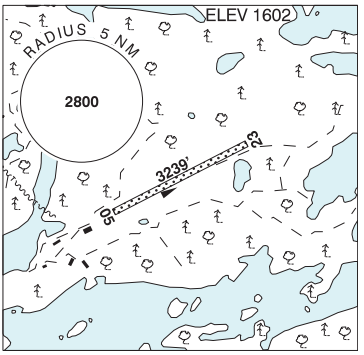
REF	N45 57 37 W67 05 43 17°W (2015) UTC-4(3) Elev 600´ A5003
OPR	Ernie McLean 506-575-1910/8615 506-260-2932 Reg
PF	B-1 C-2,3 D-3,4,5
FLT PLN FIC ACC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES OIL S	 15W50 4,5
RWY DATA RCR	Rwy 05/23 2500x100 GRASS Opr No win maint First 400´ each rwy soft in spring/fall
COM ATF	tfc 123.2 5NM 3600 ASL
CAUTION	Weyman Airpark aprx 12NM E, ATF 123.2.



SEABEE MINE SK

CCB2

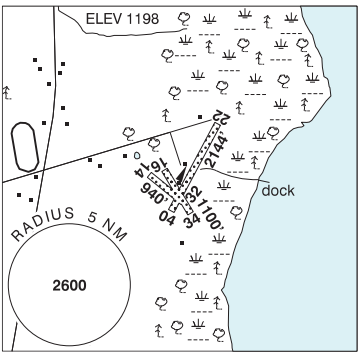
REF	N55 41 19 W103 36 39 8°E (2013) UTC-6 Elev 1602´ A5016 LO1 RCAP
OPR	SSR Mining Inc. Seabee Gold Operation 306-635-2015 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 05(055°)/23(235°) 3239x90 GRVL Opr
COMM ATF	tfc 123.2 5NM 4600 ASL



SEAGRAVE / NORTH PORT ON

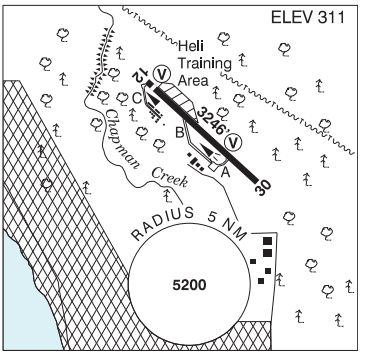
CNP4

REF	N44 10 00 W78 56 09 2.1S 11°W (2020) UTC-5(4) Elev 1198' VTA A5000
OPR	North Port Aerodrome Ltd. 905-809-7953 / 447-8768 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL All 1,2,3,4,5,6
RWY DATA RCR	Rwy 04(039°)/22(219°) 2144x70 GRASS Rwy 16(160°)/34(340°) 1100x65 GRASS Rwy 14(140°)/32(320°) 940x65 GRASS Opr No win maint. Rwy soft in spring.
COMM ATF	 tfc 123.2 3NM 4200 ASL excluding Greenbank (CNP8) ATF area.
CAUTION	Water A/D Adj E. Greenbank land A/D aprx 3.8 SW.



SECHELT BC

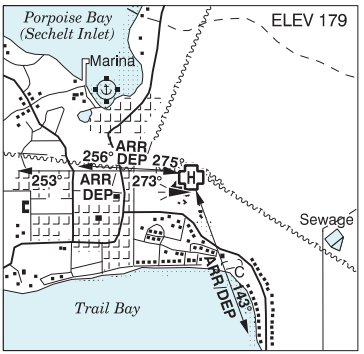
CAP3

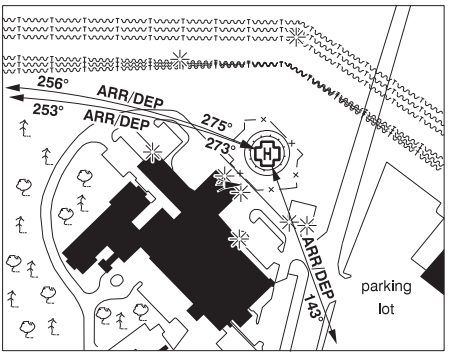


REF	N49 27 36 W123 42 59 1.3SE 17°E (2015) UTC-8(7) Elev 311' VTA A5004 LO2
OPR	Dist of Sechelt 604-885-1986 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL S	100LL 4,5
RWY DATA RCR	Rwy 12(116°)/30(296°) 3246x75 ASPH Thld 12 displ 149' Rwy 12 down 0.91% Opr 1600-0030Z‡ Mon-Fri. No win maint.
LIGHTING	12-(TE LO) AV 4.5°, 30-(TE LO) AV 4.5° ARCAL-123.5 type J
COMM ATF	tfc 123.5 2NM 2500 ASL
PRO	Rgt hand circuits Rwy 12 (CAR 602.96). Circuit alt 1300 ASL over the water to allow adequate separation fr noise sensitive area loc btwn A/D & Strait of Georgia.
CAUTION	Strongly recommended that only pilots familiar with lcl terrain should use this A/D at ngt. Rwy 12: trees to 100 AGL on apch & within 300´ N of extended centreline. Unlgtd terrain lies to N of aprt & rises steeply in dep area Rwy 30. Ditch 3´ deep parallels N side of rwy aprx 35´ fr rwy edge.

SECHELT (SECHELT HOSPITAL) BC (Heli)

CBP4





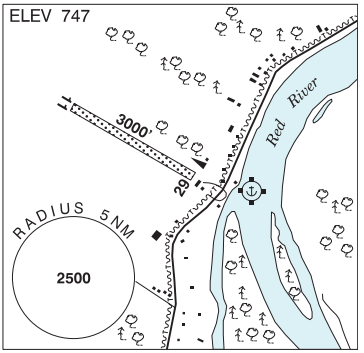
REF	N49 28 34 W123 44 54 17°E (2014) UTC-8(7) Elev 179´ VTA A5004
OPR	Vancouver Coastal Health Authority 604-677-3672 Cert PPR
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 79' x 79' CONC Safety Area 105' x 105' Max heli overall length 52.5' (CAR 602.96) Opr

SECHELT (SECHELT HOSPITAL) BC (Heli) (Cont'd) CBP4

LIGHTING	DR(250°) RY(LO)
COMM	
ATF	Sechelt tfc 123.5 3NM centred on Sechelt A/D 1.5NM ESE 2000 ASL.
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 273° to 253° curved, slope 12% (H2), day use only. Arr/dep 275° to 256° curved fr heli, slope 12% (H1). Arr/dep 143° fr heli, slope 16% (H1). Rstd to multi engine heli able to remain 15' abv all obst when opr in accordance with acft flt manual with one engine inoperative (CAR 602.96).
CAUTION	Strongly recommended that only pilots familiar with lcl terrain should use this heli at ngt. 100' P-lines 300' N of heli. 23' prkg lot lgts W & S of heli.

SELKIRK MB CKL2

REF	N50 10 20 W96 52 20 1N 3°E (2015) UTC-6(5) Elev 747´ VTA A5007
OPR	Riverside Aircraft Maintenance Ltd. 204-482-3270 Fax 204-482-3438 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
OIL	All
S	2

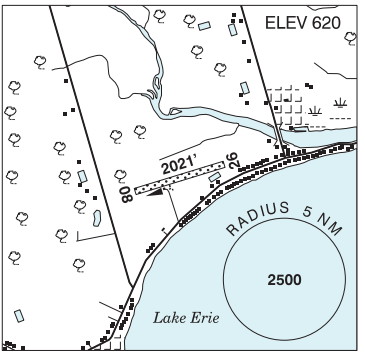


RWY DATA	Rwy 11(117°)/29(297°) 3000x90 GRVL
RCR	Opr Ltd win maint
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 3NM 1800 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	33 AGL hydro lines apch Rwy 29. Blasting 0.2 NM radius N50 11 27 W96 46 47 aprx 4NM ENE A/D SFC to 2028 ASL (1280 AGL) dly 15-22Z‡.

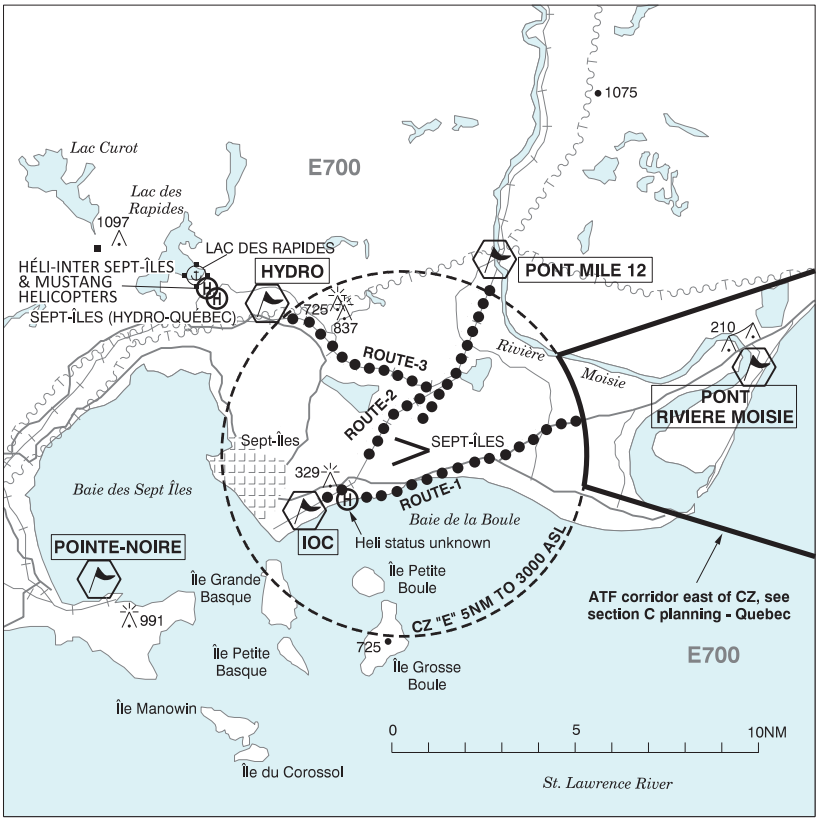
SELKIRK ON

CJA2

REF	N42 48 25 W79 58 37 2.6SW 10°W (2015) UTC-5(4) Elev 620' A5000
OPR	Jaime Alexandre 905-929-3215 Reg
PF	C-1,2,3,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA	Rwy 08(083°)/26(263°) 2021x80 GRASS
RCR	Opr No win maint. Soft when wet.
COMM ATF	tfc 122.9 5NM 3700 ASL
PRO	Right hand circuits on Rwy 08 (CAR 602.96)
CAUTION	Wind turbine farm to N 1020 ASL.

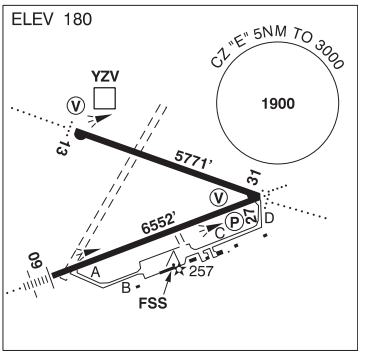


SEPT-ÎLES VFR TERMINAL PROCEDURES CHART



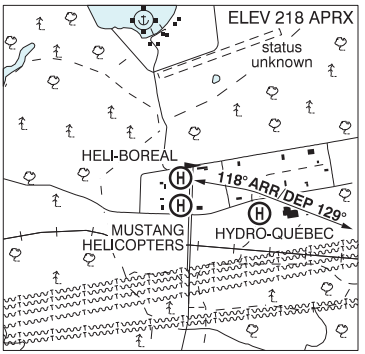
NAME	IDENT	LAT/LONG
HYDRO	VCHYD	N50° 17' 19" W066° 21' 41"
IOC	VCIOC	N50° 11' 57" W066° 20' 28"
POINTE-NOIRE	VCPTN	N50° 09' 54" W066° 28' 14"
PONT MILE 12	VCMOS	N50° 18' 29" W066° 12' 11"
PONT RIVIERE MOISIE	VCPRM	N50° 15' 59" W066° 01' 54"

SEPT-ÎLES QC CYZV



REF	N50 13 24 W66 15 56 4.5E 20°W (2012) UTC-5(4) Elev 180´ A5010 LO7 HI1 HI6 CAP
OPR	TC 418-962-8211 Cert Ldg fees (jet and turboprop acft only) Tml fees
PF	A-1,2,3,6,7 C-4,5 Tml bldg hrs of ops 11-02Z‡ Mon-Wed & Fri, 1100-0430Z‡ Thu, 12-23Z‡ Sat & Sun
CUST	AOE/15 888-226-7277 1300-2130Z‡ Mon-Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA, JA-1, JB, HPR (CON I IP JA-1, FSII)
OIL	All
S	1,2,4,5,6
SUP FL	D & A-ice
JASU	Elect Start 10/15, CE13, CEA2 (Trans-Sol 12 hrs PN)
PVT ADV	Avjet/TSAS 122.9 fuel 418-962-3143 gnd hdlg 418-968-8095 11-02Z‡ Mon-Fri, 11-01‡ Sat-Sun O/T call out chg; Pétro Air Services 122.85 10-03Z‡ Mon-Fri, 11-23Z‡ Sat, 1300-2330Z‡ Sun O/T call out chg 418-968-3636 hg avbl; Avtech Fuel 11-21Z‡ O/T call out chg 855-678-4470/450-678-4470/418-350-1702
MIL CON	Avjet Holding Inc (418) 968-8095
RWY DATA	Rwy 09(089°)/27(269°) 6552x150 ASPH Rwy 13(129°)/31(309°) 5771x200 ASPH No win maint.
RWY CERT	Rwy 09 RVR 1200(1/4sm)/Rwy 27 RVR 1200(1/4sm) AGN IIIB Rwy 13/31 AGN IIIA
APRON	Prkg fees
RCR	Opr CRFI, Win maint 10-03Z‡ Mon-Fri, 10-02Z‡ Sat-Sun Dec 1-Mar 31 O/T 3 hrs PN PLR/PCN
LIGHTING	09-AN(TE HI), 27-AO (TE HI) P2, 13-AD(TE ME) V1, 31-AD(TE ME) V1
COMM	(bil)
RADIO	118.1 PTC avbl (E) (emerg only 418-962-8242)
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst)
ATIS	(English) 124.8 (French) 134.9 11-03Z‡
MF	rdo 118.1 5NM 3000 ASL (CAR 602.98)
PAL	Montréal Ctr 135.55 381.9
NAV	
DME	YZV 114.5 Ch 92 N50 13 56 W66 16 25 (213')
ILS	IZV 109.5 (Rwy 09) RVR LOC reliable only within 10° either side of centreline.
PRO	Paved surface between Thlds 09 & 13 & paved road midway between Thlds 09 & 27 between the rwy & the apron not authorized for acft movements (CAR 602.96).
CAUTION	Daily radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z and 2315-0145Z.

SEPT-ÎLES / HÉLI-BORÉAL QC (Heli) CHB4

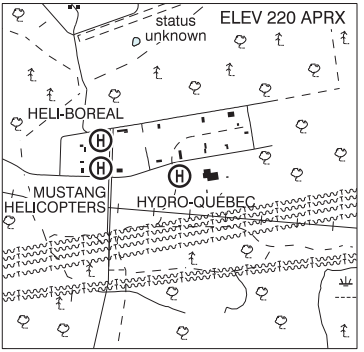


REF	N50 17 25 W66 24 44 4.9N 18°W (2020) UTC-5(4) Elev 218´ aprx A5010
OPR	Héli-Boréal Inc. 418-962-7256 Cert PPR
PF	B-1
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO 64´ dia ASPH/GRVL Safety Area 85' dia Max heli overall length 43.0' Parking Pads 1,2 & 3: 51' dia ASPH/GRVL
RCR	Opr
COMM	(bil)
RADIO	Sept-Îles 118.1 (E)
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst) (may not be receivable on the gnd).
ATF	tfc 123.2 5NM 3300 ASL, excluding Sept-Îles CZ, for tfc info ctc Sept-Îles rdo
PRO	Arr/dep curved 118° to 129° curved fr heli, slope 6% (H3), day use only. No overflights of road traffic on Vigneault Blvd. Central parking pad must be prioritized on arrival, Left and Right parking pads must be prioritized on departure.
CAUTION	Arr/dep and CHE3 arr/dep intersect aprx 0.1NM ESE. Unlgtd P-line 150 AGL aprx 0.3NM S. Water A/D CSM8 0.5 NM N, CHE3, CTA2 adj, common freq. Correctional facility 0.75 NM S, overflight restrictions ocsl by NOTAM.

SEPT-ÎLES / HÉLI-INTER SEPT-ÎLES QC (Heli) — See SEPT-ÎLES / MUSTANG HELICOPTERS

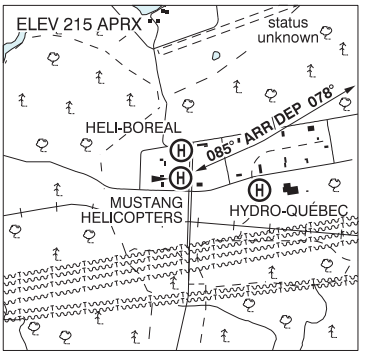
Sep 24

SEPT-ÎLES (HYDRO-QUÉBEC) QC (Heli) CTA2



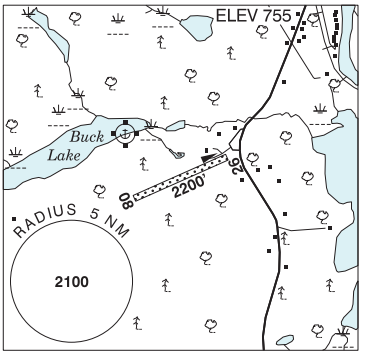
REF	N50 17 17 W66 24 33 4N 19°W (2015) UTC-5(4) Elev 220´ aprx A5010
OPR	Hydro-Québec 418-768-5381 Reg PPR
PF	D-1,2,3,4,5,6,7
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	66´ x 66´ ASPH
COMM	
ATF	tfc 123.2 5NM 3300 ASL exc Sept-Îles CZ, for tfc info ctc Sept-Îles rdo 118.1
CAUTION	A/D status unkn aprx 0.6NM N.

SEPT-ÎLES / MUSTANG HELICOPTERS QC (Heli) CHE3



REF	N50 17 20 W66 24 44 4.8N 19°W (2019) UTC-5(4) Elev 215´ aprx A5010
OPR	Mustang Helicopters Inc. 418-962-7126 Cert PPR
PF	C-1,2,3,5 D-4,6,7
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ dia ASPH Safety Area 115' dia Max heli overall length 57.3' Parking Pads 1,2 & 3: 51' dia ASPH Max heli overall length 43.0' Parking Pad 4: 69' dia ASPH Max heli overall length 57.3'
RCR	Opr 418-965-6242
COMM	(bil)
RADIO	Sept-Îles 118.1 (E)
RCO	Québec rdo 123.275 (FISE) 126.7 (bcst) (may not be receivable on the gnd).
ATF	tfc 123.2 5NM 3300 ASL, excluding Sept-Îles CZ, for tfc info ctc Sept-Îles rdo
PRO	Arr/dep curved 085° to 078° fr heli, slope 6% (H3), then 9% only abv the blvd, day use only. No overflights of road tfc on Vigneault Blvd.
CAUTION	Arr/dep and CHB4 arr/dep intersect aprx 0.1NM ENE. Unlgtd P-Line 150 AGL aprx 0.18NM S of FATO. Water AD CSM8 0.5NM N, CHB4, CTA2 adj, common freq. Correctional facility 0.75NM S, overflight restrictions ocsl by NOTAM.

SEVERN BRIDGE ON CSB7

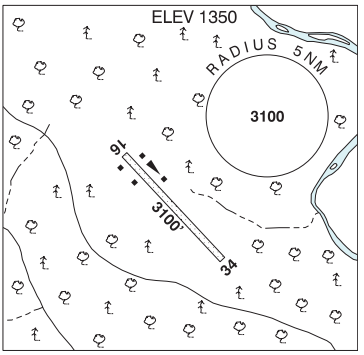


REF	N44 46 09 W79 24 30 3.2WNW 11°W (2021) UTC-5(4) Elev 755' A5000
OPR	Kevin Betsworth 705-323-7740 Reg PPR
PF	C-1,2,3,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	1,2,3,4,5
RWY DATA	Rwy 08/26 2200x75 GRASS
RCR	Opr No win maint. Rwy soft in spring or when wet.
COMM	
ATF	tfc 122.8 5NM centred on adj Buck Lake water A/D 3800 ASL
CAUTION	Trees within 50' of rwy centreline both sides. Trees aprx 60 AGL at Thld 08 and Thld 26. Unmarked p-lines and poles across Rwy 26 apch. Wildlife frequently on rwy.

SEVOGLE NB

CCM3

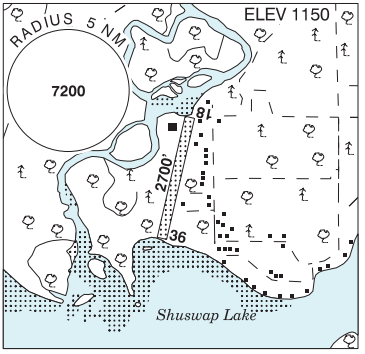
REF	N47 11 W66 09 18°W (2015) UTC-4(3) Elev 1350´ A5003
OPR	New Brunswick Dept of Natural Resources 506-778-6672 (summer) 506-453-2530 (winter) Reg PN
FLT PLN FIC	(bil) Québec 866-WXBRIEF or 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA RCR	Rwy 16/34 3100x60 treated gravel Opr No win maint
COMM ATF	tfc 123.2 5NM 4400 ASL



SEYMOUR ARM BC

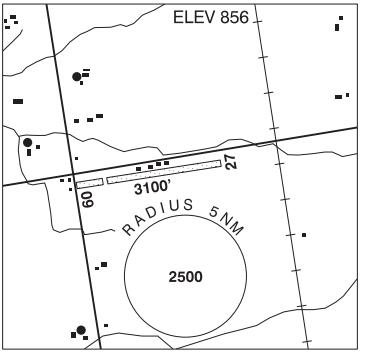
CSM4

REF	N51 14 33 W118 56 59 Adj NW 16°E (2021) UTC-8(7) Elev 1150' A5005
OPR	Seymour Airstrip Ltd. 604-649-3524 Reg
PF	C-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18(177°)/36(357°) 2700x125 GRASS/GRVL Opr 16-01Z‡ No win maint
PRO	Recommend Arr Rwy 36 / Dep Rwy 18 dur lgt wind due rising terrain to N. Parking avbl midfield W of rwy.
CAUTION	Tall trees both sides of rwy. Rwy strip cleared of trees to 140' wide. Rising terrain and trees to N. Bldgs along E edge of rwy.



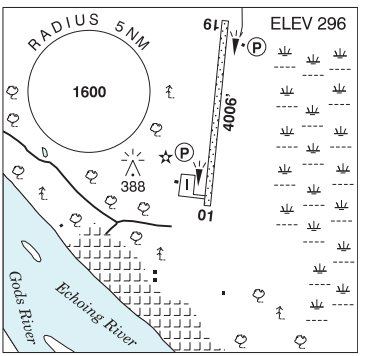
SEXSMITH / EXETER ON — CSX7

REF	N43 22 38 W81 30 15 1NW 9°W UTC-5(4) Elev 856´ A5000
OPR	Sexsmith Pilots Ltd 519-237-3154 or ctc David Frayne 519-630-3443 or Ross Alexander 519-670-5857 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	100LL PN 4,5,6
RWY DATA	Rwy 09/27 3100x90 GRASS/SNOW Thld rwy 09 displ 550´
RCR	Opr Ltd win maint, soft when wet and spring thaw, call prior
COMM **ATF**	123.2 5NM 3900 ASL
CAUTION	Marked wires and poles thld Rwy 09. CYCE 5NM S 122.8.

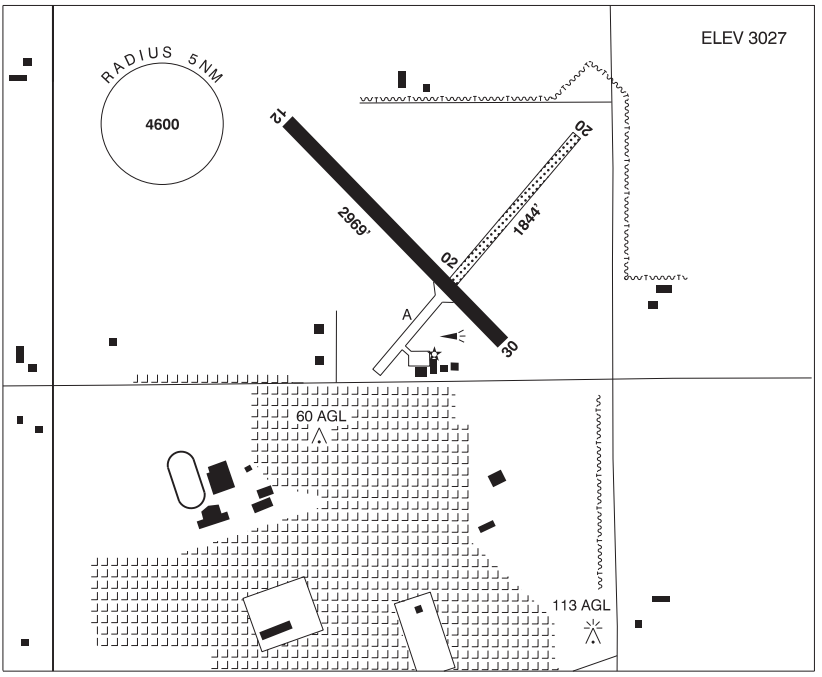


SHAMATTAWA MB — CZTM

REF	N55 51 47 W92 04 53 Adj 3°W (2014) UTC-6(5) Elev 296´ A5017 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-565-2508 Cert
PF	A-1 C-2,4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN **FIC** **WX**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) AUTO 204-565-2598 (see COMM)
RWY DATA **RWY CERT** **APRON** **RCR**	Rwy 01(009°)/19(189°) 4006x94 GRVL Rwy 19 down 0.58% Rwy 01/19 AGN II Ltd win maint APM 204-565-2276 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-565-2508.
LIGHTING	01-(TE ME) P1, 19-(TE ME) P1 ARCAL-122.8 type K
COMM **ATF** **AUTO**	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3300 ASL 122.175
CAUTION	Mag anomaly exists vic of aprt. Compass systems may read 020°/200° to 025°/205° along rwy centrelines. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.



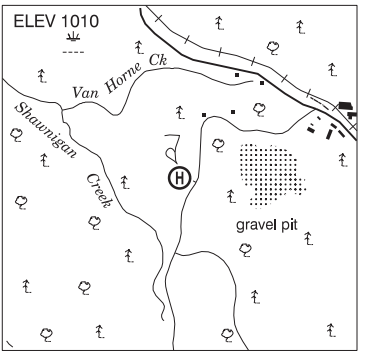
SHAUNAVON SK CJC5



REF	N49 39 32 W108 24 23 Adj N 12°E UTC-6 Elev 3027´ A5006 LO2 CAP
OPR	Town 306-297-2605 Reg
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO 306-297-2174 (see COMM)
SERVICES	
FUEL	100LL, JA-1
S	5,6
RWY DATA	Rwy 12(124°)/30(304°) 2969x75 ASPH AGN II Rwy 02(028°)/20(208°) 1844x40 gravel/earth
RCR	Opr Rwy 02/20 Ltd win maint
LIGHTING	12-(TE LO), 30-(TE LO)
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6100 ASL
AUTO	122.55
PRO	Rgt hand circuits Rwys 20 & 30 (CAR 602.96).
CAUTION	Trees on apch Rwy 02.

SHAWNIGAN LAKE (ELIE ACRES) BC (Heli) CLE3

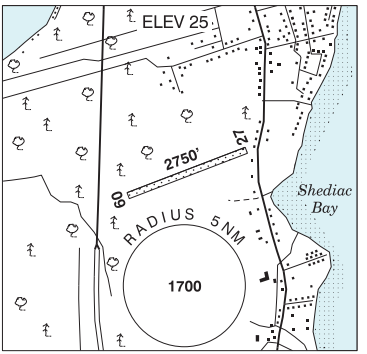
REF	N48 33 36 W123 36 10 5.7SSE 16°E (2021) UTC-8(7) Elev 1010´ A1901 A5004
OPR	Banyan Properties Ltd 250-213-7475, 250-920-8023 Reg PPR
PF	C-1,2,3,4,5,6,7
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	4
HELI DATA	FATO 60´ x 60´ GRASS TLOF 10´ x 10´ ASPH
RCR	Opr
PRO	Arr/dep SE fr heli.



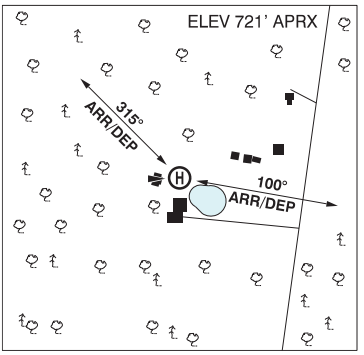
SHEARWATER NS — See HALIFAX / SHEARWATER

SHEDIAC BRIDGE NB CSB5

REF	N46 15 17 W64 34 36 1S 18°W (2015) UTC-4(3) Elev 25´ A5003
OPR	Maurice R. Hébert 506-866-7222 Reg PPR
PF	C-1,2,3,4,5 D-6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 09/27 2750x75 gravel
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Rwy may be soft when wet. Unmarked power lines on apch to Rwy 27. Training areas around A/D, see Moncton VTPC - Training areas.

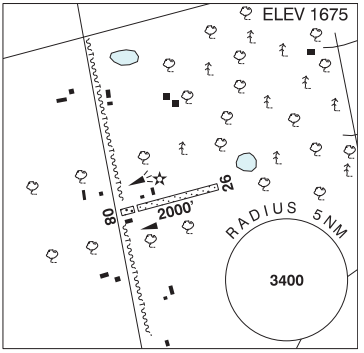


SHEFFORD QC (Heli) CSC4



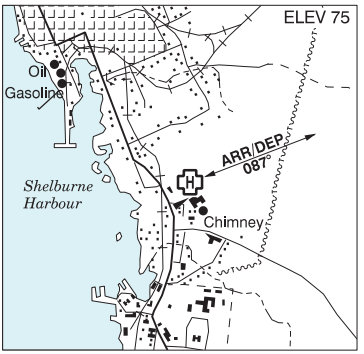
REF	N45 20 09 W72 35 37 1.1WSW 15°W (2019) UTC-5(4) Elev 721´ aprx A5002
OPR	Denis Charest 514-909-2333 Reg PPR
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 60' x 60' GRASS Centre 15' x 15' paved Safety Area 75' x 75' Max heli overall length 37.9'
COMM ATF	tfc 123.2 5NM 3800 ASL outside Bromont MF/ATF zone.
PRO	Arr/dep 100° & 315° fr heli, slope 8%, day use only.
CAUTION	Stone edging aprx 1' hi and hangar 72' W of heli.

SHELBURNE / FISHER FIELD ON CNN3



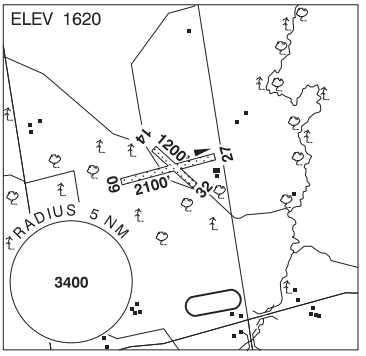
REF	N44 01 42 W80 12 22 3S 10°W UTC-5(4) Elev 1675´ VTA A5000
OPR	578035 Ontario Ltd 416-578-1303 Reg
PF	B-1 C-2,3,4 D-5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL S	100LL PN 4,5
RWY DATA RCR	Rwy 08/26 2000x100 GRASS Thld 08 displ 200´ ngt Opr No win maint, soft in spring.
LIGHTING	08-(T LO), 26-(T LO) ARCAL-122.725 type J, 10 min duration.
COMM ATF A/G	tfc 122.725 2NM 3700 ASL 122.9 O/R

SHELBURNE (ROSEWAY HOSP) NS (Heli) CCZ9



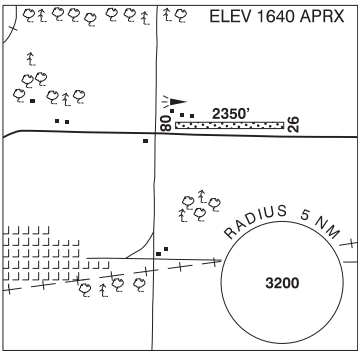
REF	N43 45 03 W65 18 34 Adj S 18°W UTC-4(3) Elev 75´ A5003
OPR	Roseway Hospital 902-875-3011 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	80´ circular asphalt (rstd to twin engine heli with max overall length of 52.5´)
RCR	Opr
LIGHTING	FH
COMM	
ATF	tfc 123.2 5NM 3100 ASL
PRO	Arr/dep 087° fr heli.

SHELBURNE (SCHAEFER FIELD) ON CSF4



REF	N44 00 31 W80 15 45 5SW 10°W (2012) UTC-5(4) Elev 1620´ VTA A5000
OPR	Rick Schaefer 647-992-3933 Reg PPR
PF	B-1 C-2,3,4 D-5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 09(085°)/27(265°) 2100x45 GRASS Rwy 14(142°)/32(322°) 1200x45 GRASS
RCR	Opr No win maint. Rwys soft in spring or after hvy rain.
COMM	
ATF	tfc 123.2 2NM 3700 ASL
CAUTION	Trees Thld 32 50 AGL. Wires Thld 27 40 AGL. Wildlife in vic of rwy.

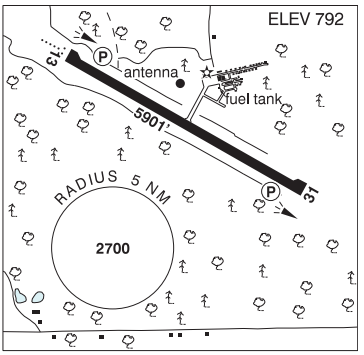
SHELLBROOK SK — CJZ4



REF	N53 13 42 W106 21 47 1E 11°E (2012) UTC-6 Elev 1640´ aprx A5015
OPR	Town of Shellbrook Mon-Fri 14-23Z 306-747-4900 O/T 306-747-3510 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08(080°)/26(260°) 2350x40 GRVL
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 4600 ASL

SHEPHERD'S LANDING ON — See KINCARDINE / SHEPHERD'S LANDING

SHERBROOKE QC — CYSC



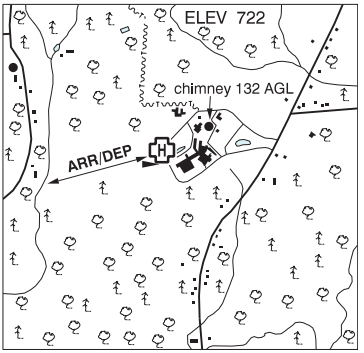
REF	N45 26 19 W71 41 29 9ENE 16°W (2013) UTC-5(4) Elev 792´ A5002 LO6 LO8 HI5 HI6 CAP
OPR	Corporation de Développement de l'Aéroport de Sherbrooke 819-832-4314 Fax 819-832-1379 Reg 12-24Z‡ May-Sep, 12-22Z‡ Oct-Apr Ldg fees (jet and turboprop acft 3500 kg and greater)
PF	A-1,2,8 avbl 12-24Z‡ May-Sep, 12-22Z‡ Oct-Apr A-7 C-4,5 D-3,6
CUST	AOE/30 888-226-7277 1300-2130Z‡ Mon-Fri exc hols
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) TAF 11-03Z issue times: 11, 18, 00Z. WxCam
SERVICES	12-24Z‡ May-Sep, 12-22Z‡ Oct-Apr O/T call out chg 1 hr PN.
FUEL	100LL, JA-1 (FSII avbl), AP, SP, HPR
OIL	100, W15W50, 20W50, Sport Plus 4
S	1,4,5,6 Opr
SUP FL	D & A-ice 1 hr PN
JASU	10/15
RWY DATA	Rwy 13(134°)/31(314°) 5901x150 ASPH Rwy 13 up 0.64%
RCR	Opr Win maint 12-22Z‡, O/T 3 hrs PN. Call out chg may apply.
APRON	Access code 2222
LIGHTING	13-AO(TE ME) P2, 31-(TE ME) P2 ARCAL-123.5 type K

SHERBROOKE QC (Cont'd) CYSC

COMM	(bil)
RCO	Québec rdo (Mont-Mégantic) 123.25 (FISE) 126.7 (bcst) May not be receivable on gnd
MF/ATF	UNICOM 12-24Z‡ May-Sep, 12-22Z‡ Oct-Apr; O/T tfc 123.5 5NM 3800 ASL (CAR 602.98)
PAL	Montréal Ctr 132.55
AWOS	126.25 (English), 128.15 (French)
CAUTION	A/D status unkn aprx 3.8NM NW. Possibility of wildlife in vic of rwy. Unlgtd tower lctd at N45 23 48 W71 49 52 (6.4NM W of A/D), 1419 ASL, 419 AGL.

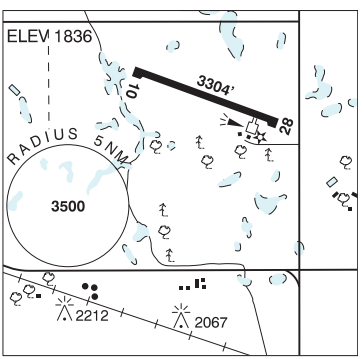
SHERBROOKE (CHUS) (FRANÇOIS DESOURDY) QC (Heli) CSG7

REF	N45 26 52 W71 52 17 1NE 16°W UTC-5(4) Elev 722´ A5002
OPR	Centre hospitalier universitaire de Sherbrooke 819-346-1110 ext 14121 Reg PPR
PF	A-1,2,3,4,7 C-5,6,8
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 85' dia ASPH Safety Area 115' dia
LIGHTING	RY(LO) DR
COMM	
ATF	tfc 123.2 5NM 3800 ASL excluding Sherbrooke (CYSC) MF zone
PRO	Arr/dep W.
CAUTION	Lgtd twr 1419 ASL (419 AGL) 3.3NM SSE heli.



SHOAL LAKE MB CKL5

REF	N50 27 25 W100 36 33 1NW 6°E (2016) UTC-6(5) Elev 1836´ A5007 LO4
OPR	Shoal Lake Airport Authority 204-759-2565 Reg
PF	A-1 C-2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA 204-491-0100
OIL	All
S	1,4,5,6
RWY DATA	Rwy 10(104°)/28(284°) 3304x75 ASPH
RCR	Opr 15-23Z‡ O/T Shoal Lake Avn 204-759-2395 or A. Critchley 204-764-2650
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-122.8 type J ints lvl 2 avbl only

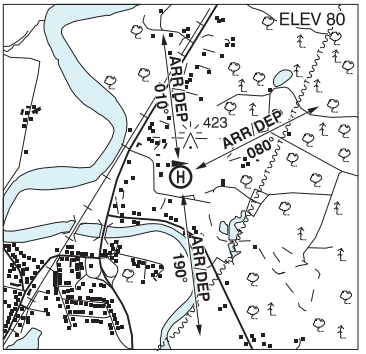


SHOAL LAKE MB (Cont'd) CKL5

COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4900 ASL
CAUTION	Lgtd tower 2212 ASL (375 AGL) 0.9NM SSW of A/D.

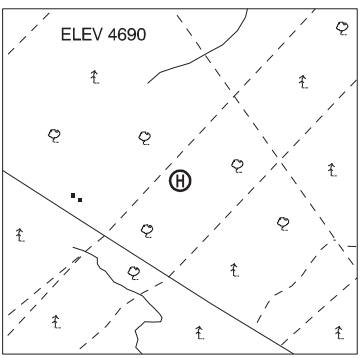
SHUBENACADIE NS (Heli) CSU4

REF	N45 05 36 W63 23 43 Adj ENE 17°W (2021) UTC-4(3) Elev 80' A5003
OPR	NS Dept of Natural Resources and Renewables 902-758-3438 Reg PPR PN for RCMP, DND, Cdn Coast Guard, MEDEVAC.
PF	B-1 C-2,4,7,8 D-3,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 100' dia GRASS Parking Pad 1: 42'dia CONC Parking Pad 2: 42'dia CONC Parking Pad 3: 42'dia CONC Opr
LIGHTING	RF(FH)
COMM ATF	tfc 123.2 5NM 3100 ASL
PRO	Arr/dep 010° & 080° & 190° fr heli.
CAUTION	Lgtd twr 423 ASL (315 AGL) 0.13NM NE

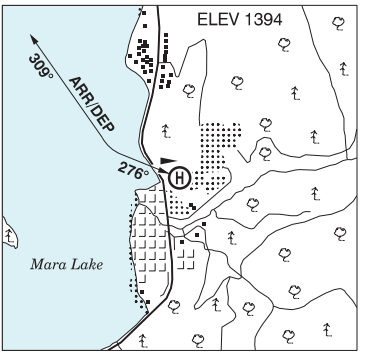


SHUNDA (FIRE BASE) AB (Heli) CDA7

REF	N52 29 26 W115 45 31 16°E (2013) UTC-7(6) Elev 4690´ A5014
OPR	FERD - Rocky Mtn House Wildfire Management Area 403-845-8243 Reg PPR
FLT PLN FIC ACC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA	150' x 400' grass
COMM ATF	tfc 123.2 5NM 7700 ASL

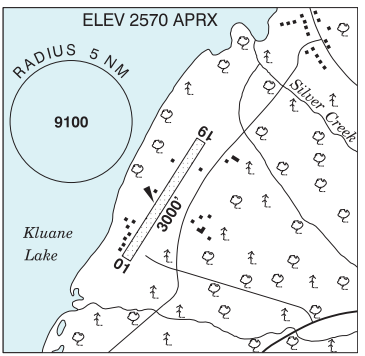


SICAMOUS / OWLS LANDING BC (Heli) COL4



REF	N50 48 39 W118 58 13 Adj SSE 16°E (2016) UTC-8(7) Elev 1394' A5005
OPR	Guy Maris 780-920-2191 Fax 780-483-5400 Reg PPR
PF	C-1,2,3,4,5 D-6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
HELI DATA	FATO 300' x 90' CONC/ASPH/aggregate TLOF 200' x 90' CONC/ASPH Safety Area 300' x 90' Max heli overall length 50'
RCR	Opr 16-01Z‡ Mon-Fri. No win maint.
COMM **ATF**	tfc 123.2 5NM 4400 ASL
PRO	Arr/dep curved 276° to 309° fr heli, day use only. All apch and dep over lake.
CAUTION	Unmarked p-lines and tall trees E of FATO.

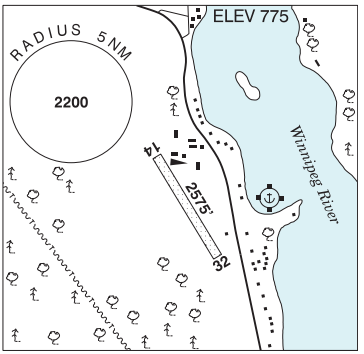
SILVER CITY YT CFQ5



REF	N61 01 44 W138 24 27 19°E (2020) UTC-7 Elev 2570´ aprx A5028 A5099
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	B-5 D-4 All avbl May 1-Sep 15.
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **S**	Fuel stor by permit only ctc opr 4
RWY DATA **RCR**	Rwy 19/01 3000x75 sand/gravel Opr No maint
COMM **ATF**	tfc 123.2 5NM 5600 ASL
CAUTION	Trees along both sides of rwy, 75´ from centreline. Frequent uncontrolled vehicle activity on rwy. Verify rwy unobstructed prior to ldg. Soft spots, sink holes and cracks for 1000' fr Thld 19 & Thld 01 in spring and when wet.

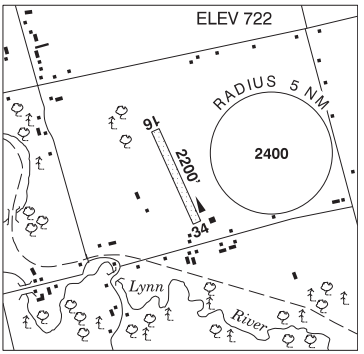
SILVER FALLS MB — CKB8

REF	N50 30 00 W96 05 53 1S 3°E UTC-6(5) Elev 775´ VTA A5007
OPR	Blue Water Avn 204-367-2762 Reg PPR
PF	B-1 C-2,3,5 D-4
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	 100LL, JA 20/50, 25/60, 2380 1,2,4,5,6
RWY DATA **RCR**	Rwy 14(144°)/32(324°) 2575x100 GRASS/SNOW Opr
COMM **ATF**	 tfc 122.9 5NM 3800 ASL



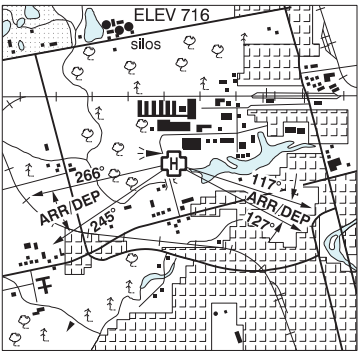
SIMCOE (DENNISON FIELD) ON — CPA4

REF	N42 49 09 W80 15 57 2SE 10°W UTC-5(4) Elev 722´ A5000
OPR	Jeff Dennison 519-429-9148 Reg PPR
PF	C-1,2,3,4,5
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 16/34 2200x80 GRASS Opr No win maint. Rwy may be soft when wet.
COMM **ATF**	 tfc 122.9 5NM 3700 ASL
PRO	Rgt hand circuits Rwy 34 (CAR 602.96).

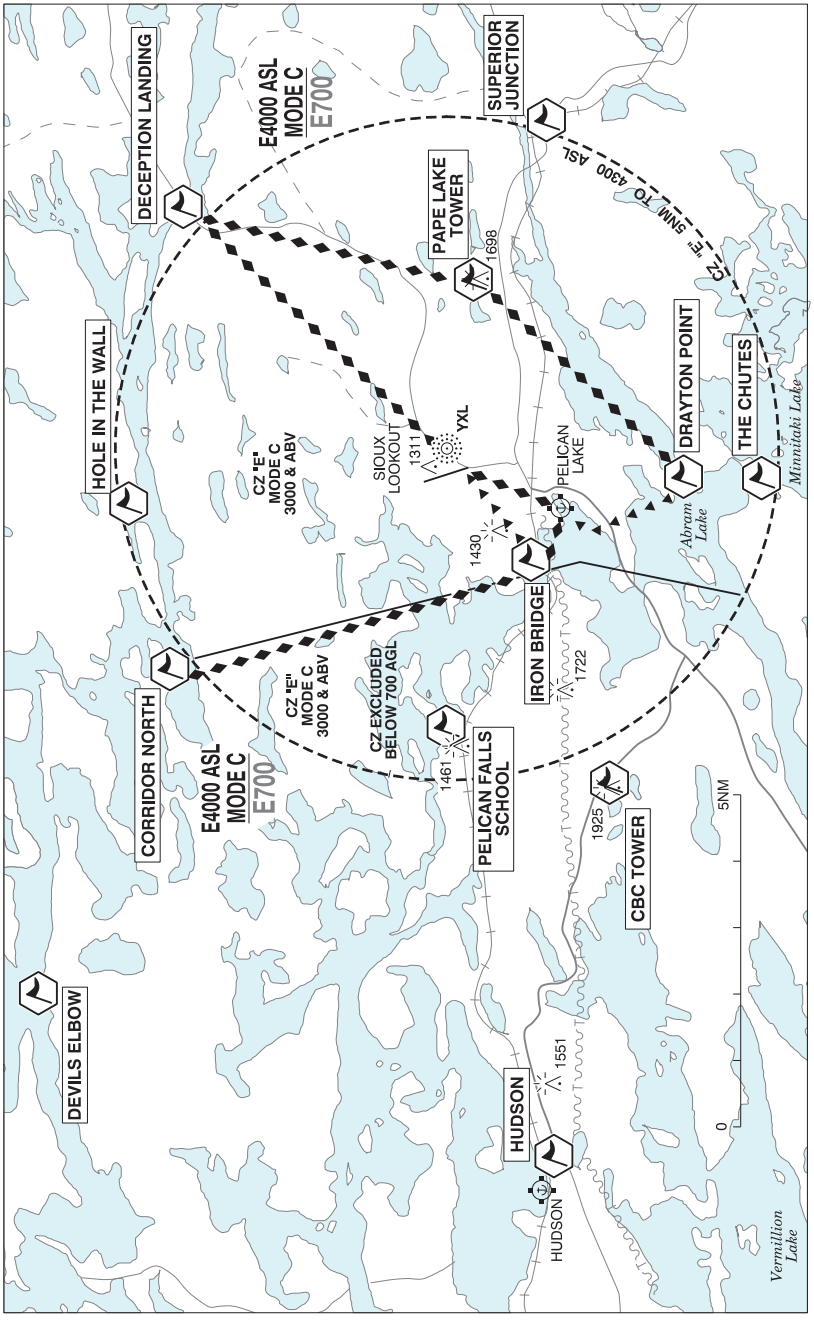


SIMCOE (NORFOLK GEN HOSP) ON (Heli) CPA8

REF	N42 50 50 W80 19 13 Adj 9°W UTC-5(4) Elev 716' A5000
OPR	Simcoe (Norfolk Gen Hosp) 519-426-0750 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' x 114' Max heli overall length 57.3' (CAR 602.96). **RCR** Opr
LIGHTING	RY(ME) RF(FL&FH) PN
COM **ATF**	tfc 122.9 5NM centred on Simcoe (Dennison Field) A/D 2.9NM SE 3700 ASL
PRO	Arr/dep btwn 117°-127° fr heli, slope 8% (H3), Day/night use (CAR 602.96). Arr/dep btwn 245°-266° fr heli, slope 16% (H2). Day/night use (CAR 602.96)
CAUTION	Trees on apch. Heli pilot shall monitor 122.9



SIOUX LOOKOUT VFR TERMINAL PROCEDURES CHART



SIOUX LOOKOUT VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CBC TOWER	VCCBC	N50° 04' 31" W092° 01' 40"
CORRIDOR NORTH	VCCRN	N50° 11' 00" W091° 59' 18"
DECEPTION LANDING	VCDCP	N50° 11' 00" W091° 48' 00"
DEVILS ELBOW	VCDEV	N50° 13' 30" W092° 06' 00"
DRAYTON POINT	VCDPT	N50° 03' 30" W091° 54' 24"
HOLE IN THE WALL	VCWAL	N50° 12' 00" W091° 55' 00"
HUDSON	VCHUD	N50° 06' 00" W092° 10' 00"
IRON BRIDGE	VCINB	N50° 05' 48" W091° 56' 42"
PAPE LAKE TOWER	VCTWR	N50° 06' 30" W091° 50' 00"
PELICAN FALLS SCHOOL	VCPEL	N50° 07' 30" W091° 59' 30"
SUPERIOR JUNCTION	VCSJC	N50° 05' 45" W091° 46' 45"
THE CHUTES	VCHTS	N50° 02' 48" W091° 53' 45"

VFR ARR/DEP ROUTES FOR CKA6 SIOUX LOOKOUT/PELICAN LAKE

PELICAN LAKE INBOUND ROUTE PROCEDURES

Inbound from N:

Enter corridor at CORRIDOR NORTH, proceed to IRON BRIDGE and maneuver to land.

Inbound from NE:

From DECEPTION LANDING proceed to CYXL crossing overhead and maneuver to land.

Inbound from E/SE/S:

Cross east/south of PAPE LAKE TOWER, follow Abram Lake to DRAYTON POINT, follow shoreline and maneuver to land.

PELICAN LAKE DEPARTURE ROUTE PROCEDURES

N/NW Bound:

After departure fly to IRON BRIDGE, proceed to CORRIDOR NORTH, turn on course.

N/NE Bound:

After departure fly to IRON BRIDGE, fly overhead CYXL, proceed to DECEPTION LANDING, turn on course.

NE/E Bound:

After departure fly to DRAYTON POINT, follow Abram Lake to PAPE LAKE TOWER, turn on course.

S/SW Bound:

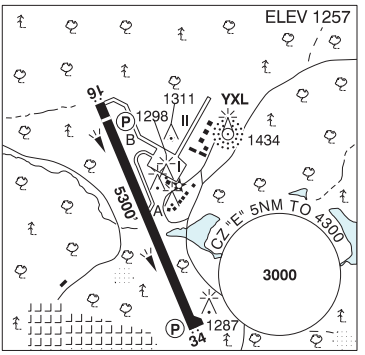
After departure fly to DRAYTON POINT, follow Abram Lake, once clear of MF area, turn on course.

NOTE

DRAYTON POINT may conflict with IFR traffic approaching RWY 34 or departing RWY 16.
IRON BRIDGE to CORRIDOR NORTH is excluded from CZ below 700 AGL.

SIOUX LOOKOUT ON — CYXL

REF	N50 06 49 W91 54 20 Adj NE 1°W UTC-6(5) Elev 1257´ A5008 LO4 HI4 CAP
OPR	Municipality 807-737-2829 Cert Ldg fees
PF	A-1,2,3,6 C-4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z

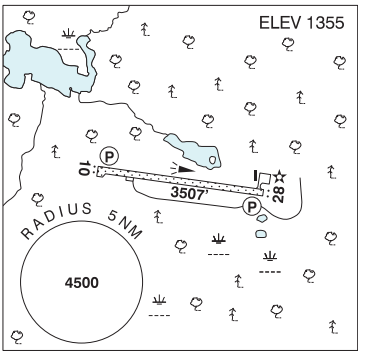


SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 807-737-0323 1230-05Z‡ Sun-Fri, 1230-04Z‡ Sat
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 16(160°)/34(340°) 5300x100 ASPH Thld 16 displ 298´ Rwy 34 down 0.51% RESA: 16/34 200'
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN IIIA
RCR	Opr CRFI PLR
LIGHTING	16-AS(TE ME) P2, 34-AS(TE ME) P2
COMM	
RADIO	122.0 (V) (emerg only 807-737-2819)
RCO	London rdo 126.0 (FISE) 126.7 (bcst)
ATIS	124.75
MF	rdo 122.0 5NM 4300 ASL (CAR 602.98)
PAL	Winnipeg Ctr 132.2 (Dryden) (may not be receivable on the ground)
NAV	
NDB	YXL 346 (M) N50 07 06 W91 53 52
DME	YLO 113.1 Ch 78 N50 07 04 W91 53 55 (1302´)
PRO	Rgt hand circuits Rwy 34 (CAR 602.96). Transponder Mode C required within CZ 3000 ASL and abv.
CAUTION	Actual wind may vary significantly fr reported winds due to anemometer loc & lcl topography. Possibility of deer or wildlife within aprt perimeter. Model acft activity 6.0NM SW of A/D (N50 03 17 W92 01 55) max alt 500 AGL. Sioux Lookout/Pelican Lake water A/D 1.4NM SSW. Seaplane tfc following VFR routes - see VTPC.

SIOUX LOOKOUT FSS – RCO

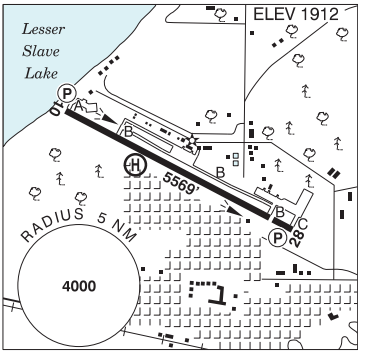
Dryden 122.1 (RAAS) (N49 52 W92 51)

SLATE FALLS ON — CKD9



REF	N51 07 48 W91 39 56 2SW 2°W (2013) UTC-6(5) Elev 1355´ A5008 LO4 CAP
OPR	Govt of Ontario - MTO 807-737-5715 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 10(102°)/28(282°) 3507x100 GRVL Rwy 10 down 0.37%
RWY CERT	Rwy 10/28 AGN IIIA
RCR	Aprt Foreperson 807-633-2573 or Opr Ltd win maint 14-23Z‡ Mon-Fri exc hols. Rwy strength and cond subject to seasonal and climatic var.
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4400 ASL

SLAVE LAKE AB — CYZH



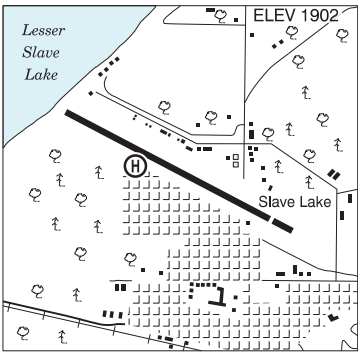
REF	N55 17 35 W114 46 38 Adj N 16°E (2014) UTC-7(6) Elev 1912´ A5014 A5015 LO1 HI3 CAP
OPR	Slave Lake Airport Services Commission 780-849-0864 or 780-805-9670 1430-2330Z‡ Cert Ldg fees
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 01, 07, 13, 19Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl) self-serve cardlock all major credit & debit cards accepted 780-849-5353
S	4,5,6
JASU	Elect start 10/15
PVT ADV	CAN-WEST 122.8 780-849-5353
RWY DATA	Rwy 10(100°)/28(280°) 5569x100 asphalt Thld 28 displ 557´.
RWY CERT	Rwy 10/28 AGN IIIA
TWY CERT	Twy D AGN II
TWY	Twys A & C and adj aprons rstd to Forest Service use only. No win maint.
RCR	Opr Win maint 1430-2330Z‡ Oct 15-Apr 15 Mon-Fri exc hols O/T 2 hrs PN CRFI Call out chg may apply. PCN
LIGHTING	10-(TE ME) P1, 28-(TE ME) P1 ARCAL-123.2 type K

SLAVE LAKE AB (Cont'd) CYZH

COMM	
RCO	Edmonton rdo 123.375 (FISE) 126.7 (bcst)
MF	tfc 123.2 5NM 5000 ASL (CAR 602.98)
PAL	Edmonton Ctr 124.85 304.2
AWOS	127.0
PRO	Rgt hand circuits Rwy 28 (CAR 602.96). Avoid flying over town.
CAUTION	Water bomber activity at or in vic of A/D Apr thru Sep. Wildlife may be on or in vic rwy.

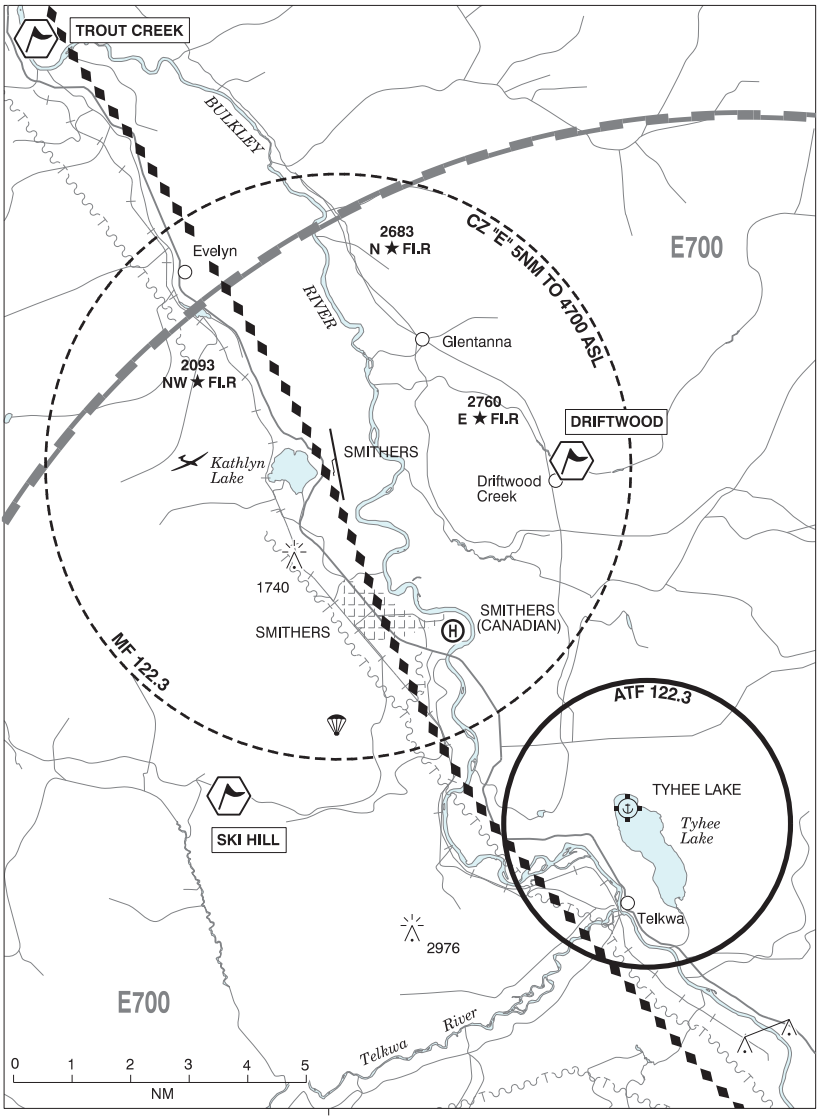
SLAVE LAKE / SLAVE LAKE HELICOPTERS AB (Heli) CSL6

REF	N55 17 36 W114 46 53 Adj N 16°E (2014) UTC-7(6) Elev 1902' A5014 A5015
OPR	Slave Lake Helicopters 780-849-6666 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	JA-1 PN
HELI DATA	FATO/TLOF 66' dia ASPH Safety Area 87' dia
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 5000 ASL
PRO	(H3) Avoid flying over town.



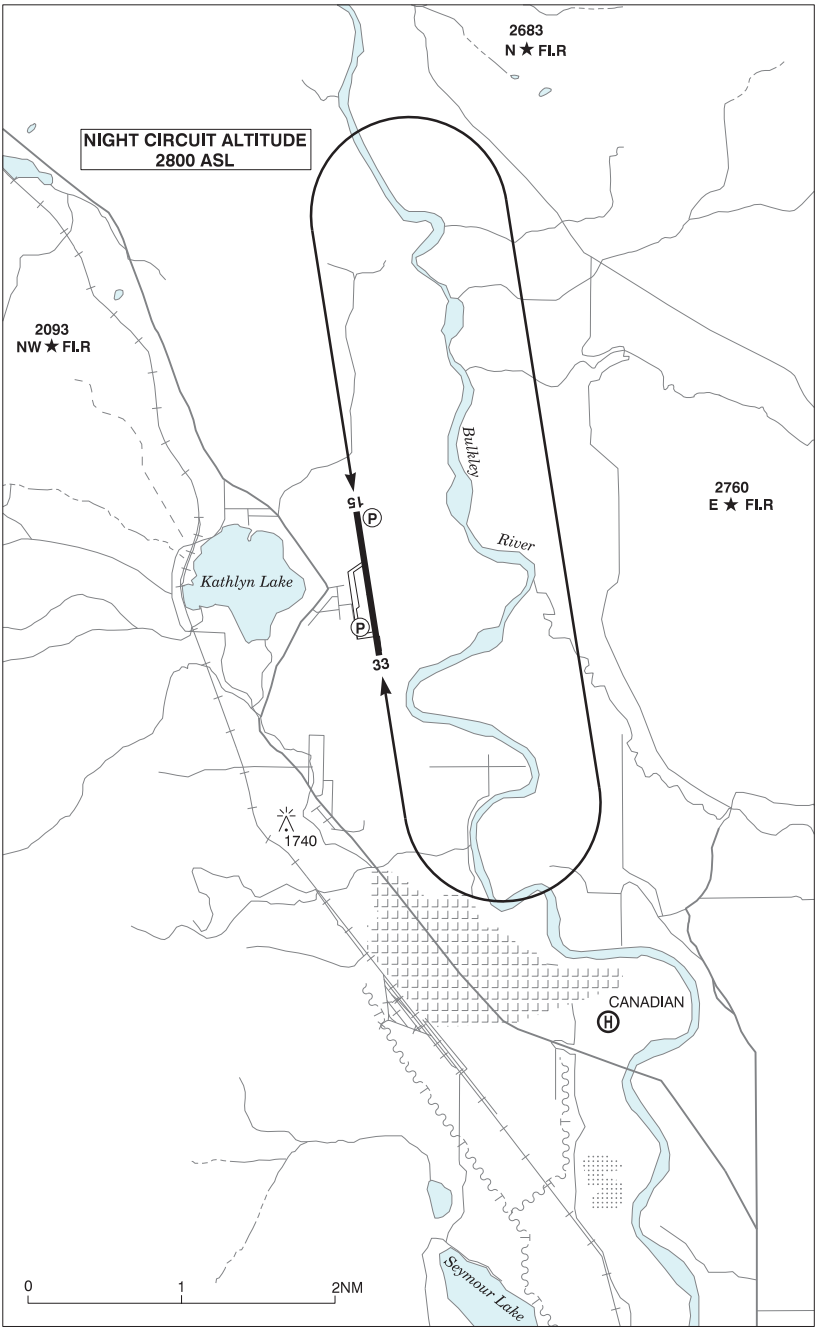
SLOCAN COMMUNITY (HEALTH CENTRE) BC — See NEW DENVER / SLOCAN COMMUNITY (HEALTH CENTRE)

SMITHERS VFR TERMINAL PROCEDURES CHART

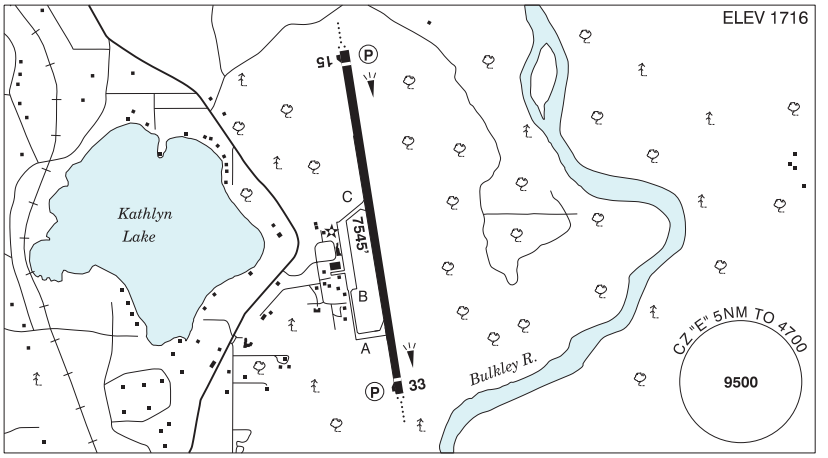


NAME	IDENT	LAT/LONG
DRIFTWOOD	VCDWD	N54° 49' 00" W127° 04' 42"
SKI HILL	VCSHL	N54° 46' 06" W127° 15' 12"
TROUT CREEK	VCTRT	N54° 56' 30" W127° 19' 30"

SMITHERS VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



SMITHERS BC CYYD



REF	N54 49 31 W127 10 58 2N 19°E (2014) UTC-8(7) Elev 1716´ A5013 LO1 HI2 HI3 CAP
OPR	Smithers Regional Airport 250-847-3664/0534 O/T 250-877-1858 Fax 250-847-2605 Cert 1500-0100Z‡ Apr-Oct 1500-0330Z‡ Nov-Mar
PF	A-1,2(ltd hrs),3,6 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-04Z‡ Oct 1-May 31 14-06Z‡ Jun 1-Sep 30 O/T METAR AUTO (see COMM). TAF 14-06Z, issue times: 14, 19, 01Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP (JA-1 only) 250-847-3414 or 643-1755
OIL	W100 Aeroshell
S	1,2,3,4,5 (ltd), 6 (ltd)
SUP FL	D-ice, HPOX (ltd) (DJ Airside 250-877-1084)
JASU	Elect 28V up to 1500 amps (DJ Airside 250-877-1084)
PVT ADV	Shell Smithers 122.9
RWY DATA	Rwy 15(152°)/33(332°) 7545x150 asphalt Thld 15 displ 259' Thld 33 displ 262'
RWY CERT	Rwy 15/33 AGN IV
TWY CERT	Twy: A, B AGN IIIA
TWY	Twy B no vehicle control.
RCR	Opr Ltd win maint Nov-Mar, ctc opr for hrs of ops O/T 3 hrs PN call out chg may be levied. CRFI, PLR/PCN
LIGHTING	15-AO(TE ME) P2, 33-AO(TE ME) P2 PAPI limitation/restriction. PAPI Rwy 15 to be used only within 2NM of thld; PAPI Rwy 33 to be used only within 2NM of thld ARCAL-122.3 type K when FSS clsd

SMITHERS BC (Cont'd) CYYD

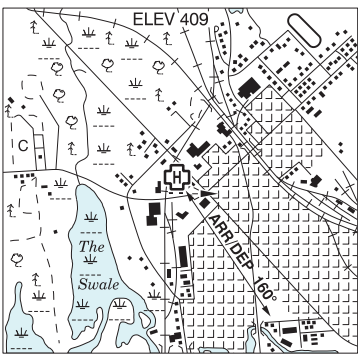
COMM	
RADIO	122.3 PTC avbl (V) 15-04Z‡ Oct 1-May 31, 14-06Z‡ Jun 1-Sep 30 (emerg only 250-847-2035).
RCO	Pacific rdo 123.375 (FISE)
MF	rdo 122.3 15-04Z‡ Oct 1-May 31, 14-06Z‡ Jun 1-Sep 30 O/T tfc 5NM 4700 ASL (CAR 602.98)
AWOS	128.65 04-15Z‡ Oct 1-May 31, 06-14Z‡ Jun 1-Sep 30
NAV	
VOR/DME	HOUSTON YYD 114.7 Ch 94 N54 27 08 W126 39 03 (4191')
PRO	Rgt hand circuits Rwy 33 (CAR 602.96). De-icing/anti-icing activity to be carried out on E edge of apron only. Ngt circuit alt 2800 ASL (1100 AGL) see VTPC.
CAUTION	Soaring activity W of aprt Apr-Oct. Ocsl parachuting aprx 5NM S. Smithers/Tyhee Lake water A/D: MF 122.3 aprx 9NM SE. Ngt ops are not recommended unless all 3 hazard bcns are oprg. Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Extv bird activity Apr-Oct. Hi terrain reduces operational length of Rwys 15 and 33 PAPI.

SMITHERS (CANADIAN) BC (Heli) CAA6

REF	N54 46 30 W127 08 06 19°E (2013) UTC-8(7) Elev 1600' A5013
OPR	Canadian Helicopters Ltd 250-847-9444 Reg PPR
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	200' x 200' CONC/GRASS
COMM	
MF	rdo 122.3 15-04Z‡ (Oct 1-May 31), 14-06Z‡(Jun 1-Sep 30) O/T tfc. 5NM centred on Smithers A/D 3.4NM NW 4700 ASL (CAR 602.98)

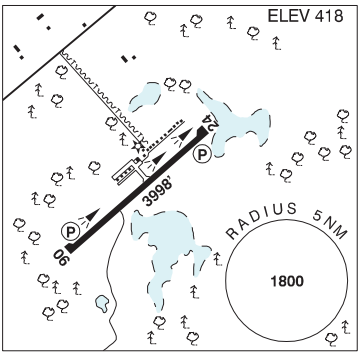
SMITHS FALLS (COMMUNITY HOSP) ON (Heli) CNS9

REF	N44 54 26 W76 01 40 Adj W 14°W UTC-5(4) Elev 409´ A1905 A5000 A5002
OPR	Smiths Falls Community Hosp 613-283-2330 Cert PPR
FLT PLN	(bil)
FIC	Québec 866-WXBRIEF or 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5´
RCR	Opr
LIGHTING	DR RY(LO) RF(FL)
PRO	Arr/dep 160° fr heli, slope 10% (H1), day/night use.



SMITHS FALLS-MONTAGUE (RUSS BEACH) ON — CYSH

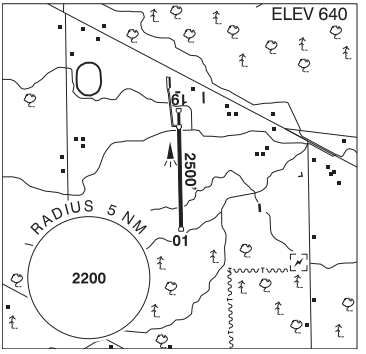
REF	N44 56 45 W75 56 25 3.5NE 14°W UTC-5(4) Elev 418´ A1905 A5000 A5002 LO6 LO7 T2 RCAP
OPR	Smiths Falls Flying Club & APM 613-430-5060 Reg
PF	A-1,7,8 C-2,3,4,5 D-6
CUST	AOE/CAN
FLT PLN	(bil)
FIC	Québec 866-WXBRIEF or 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
WX	WxCam



SERVICES	
FUEL	100LL (self-serve H24)
S	2,5
RWY DATA	Rwy 06(064°)/24(244°) 3998x75 asphalt Rwy 24 up 0.7% first third
RCR	Opr Ltd win maint
LIGHTING	06-(TE ME) AP 3.5°, 24-(TE ME) AP 3.5° ARCAL-122.9 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 3400 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
PRO	VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA/MACDONALD-CARTIER INTL FOR PROCEDURES. **VFR Codes:** In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.
CAUTION	Wildlife frequently on rwy. Right hand glider ops wknds Apr-Jun and Sep-Nov to 3000 MSL within 5NM. Trees aprx 60 AGL on apch to Rwy 24, 1300' to 600' fr thld on extended centreline and on both sides of extended centreline. Trees on apch to Rwy 06 aprx 1300' fr thld 80 AGL & aprx 600' fr thld 45 AGL.

SMITHVILLE ON — CLS6

REF	N43 06 04 W79 37 49 3.6WNW 10°W (2021) UTC-5(4) Elev 640´ VTA A5000
OPR	Smithville Flying Club Inc. 647-522-4645 Reg PPR
PF	B-7 C-2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)



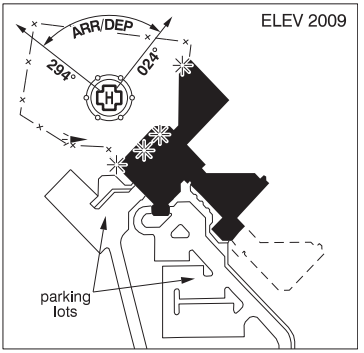
SERVICES	
FUEL	100LL PN
OIL	20W50, 15W50
S	1,4,5
RWY DATA	Rwy 01/19 2500x35 ASPH, centre 35' ASPH Thld 19 displ 280'
RCR	Opr Ltd win maint

SMITHVILLE ON (Cont'd) CLS6

LIGHTING	01-(TE LO), 19-(TE LO) ARCAL-123.35 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.35 3NM 3700 ASL
CAUTION	Acft on apch to Hamilton aprt Rwy 30 may overfly A/D at 3000 ASL. Ocsl deer crossing rwy.

SMOKY LAKE (GEORGE McDOUGALL HEALTH CENTRE) AB (Heli) CGM2

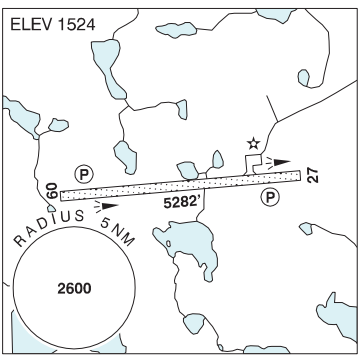
REF	N54 07 18 W112 27 57 Adj NE 14°E (2016) UTC-7(6) Elev 2009´ A5015
OPR	Alberta Health Services 780-656-3034 Fax 780-656-5010 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr



LIGHTING	RW(LO) yellow PN ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 5200 ASL
PRO	Arr/dep 294° to 024° fr heli, slope 16% (H2), day/night. (CAR 602.96).
CAUTION	Unlgtd p-line along N side of highway, N of heli. Trees under arr/dep W thru E of heli.

SNAP LAKE NT CSK6

REF	N63 35 37 W110 54 20 Adj 15°E (2016) UTC-7(6) Elev 1524´ A5030 LO5 HI2 CAP
OPR	De Beers Canada 867-767-8555 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 09(085°T)/27(265°T) 5282x150 gravel AGN IIIA
RCR	Opr Regular maint all year.

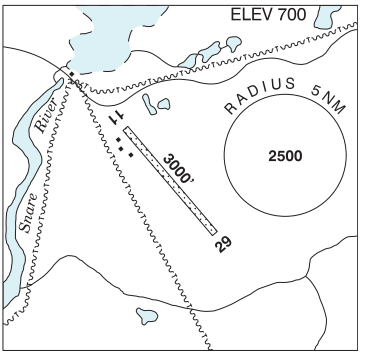


LIGHTING	09-(TE LO) P2, 27-(TE LO) P2
COMM	
ATF	UNICOM (AU) 11-23Z‡ O/T tfc 123.5 5NM 4600 MSL
CAUTION	Blasting all quadrants, ocsl by NOTAM.

SNARE RIVER NT

CEV9

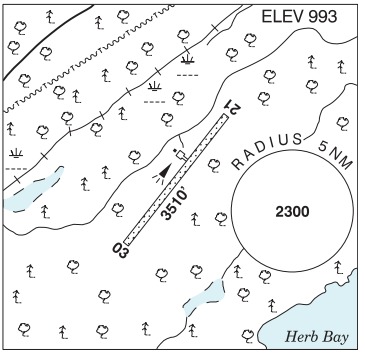
REF	N63 26 W116 11 17°E (2020) UTC-7(6) Elev 700´ A5029
OPR	Northwest Territories Power Corp, Yellowknife 867-669-3300 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 11(124°)/29(304°) 3000x75 sand Opr Ltd maint. Rwy soft in spring.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Caribou may be on or in vic of rwy.



SNOW LAKE MB

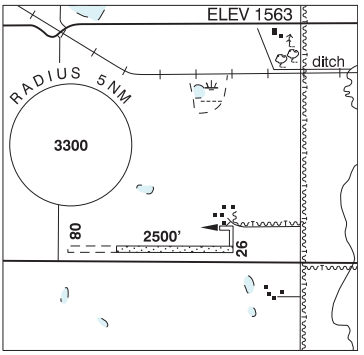
CJE4

REF	N54 53 50 W99 49 08 8ENE 5°E (2015) UTC-6(5) Elev 993´ A5016 LO3
OPR	Town 204-358-2551 Reg Ngt use 1hr PN ctc 204-358-2551/0128/0126
PF	B-1 D-2,3,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR	Rwy 03(033°)/21(213°) 3510x75 GRVL Rwy 21 first 1500´ up 0.6% & last 2000´ down 0.7% Opr Ltd win maint
LIGHTING	03-(TE LO), 21-(TE LO) ARCAL-122.8 key mic 3 times within 5 secs for 15 min duration Opr 1hr PN
COMM ATF	tfc 122.8 5NM 4000 ASL



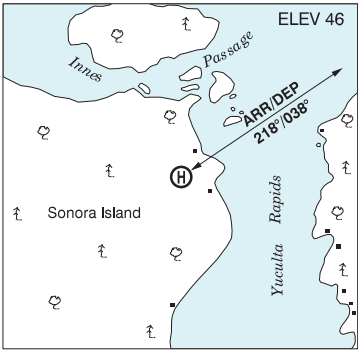
SOMERSET MB — CKC8

REF	N49 24 01 W98 41 33 1.3SW 6°E UTC-6(5) Elev 1563´ A5007
OPR	Regional Municipality of Lorne 204-744-2133 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(084°)/26(264°) 2500x100 GRVL Opr No win maint, caution dur spring break-up.
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Wind turbines to 2100 ASL (400 AGL) E thru SSW of A/D. Underlies CYA413; refer to Winnipeg VNC.



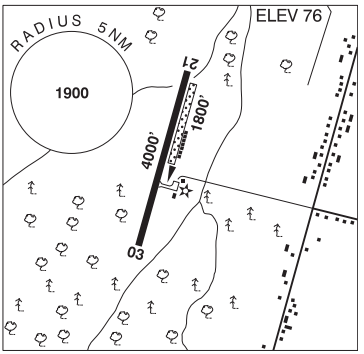
SONORA RESORT BC (Heli) — CSR6

REF	N50 22 54 W125 09 26 Adj 18°E (2013) UTC-8(7) Elev 46´ A5004 CAP RCAP
OPR	London Enterprises Limited 604-272-8266 Reg PPR Ldg fees
PF	B-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 100´ dia CONC Safety Area 104' Max heli overall length 55´ Opr 15-03Z‡
LIGHTING	RY DR
COMM ATF	tfc 123.2 5NM 3000 ASL
PRO	Arr/dep 038° & 218° fr heli. Day apch - avoid flt over bldgs. Flt over bldgs rstd to acft cert and configured for CAT A tkof/ldg. All transient acft require PPR thru opr.
CAUTION	Hi gnd S of helipad to 3500´.



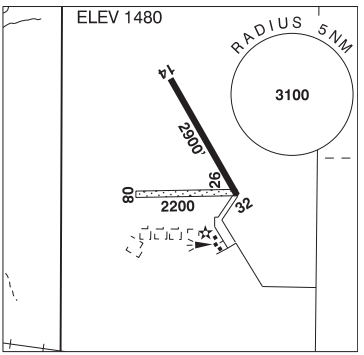
SOREL QC — CSY3

REF	N45 58 49 W73 02 32 4SE 16°W UTC-5(4) Elev 76´ VTA A5002 LO6 LO7 LO8
OPR	Gestion Aéroportuaire de Sorel 450-782-3188 Reg
PF	C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL, JA-1 15W50 4,5
RWY DATA RCR	Rwy 03/21 4000x75 asphalt Gestion Aéroportuaire de Sorel 450-782-3188
LIGHTING	03-(TE LO), 21-(TE LO) O/R PN 450-782-3188.
COMM ATF	(bil) tfc 123.2 5NM 3100 ASL
CAUTION	Hi trees W of rwy.



SOURIS GLENWOOD INDUSTRIAL AIR PARK MB — CJX5

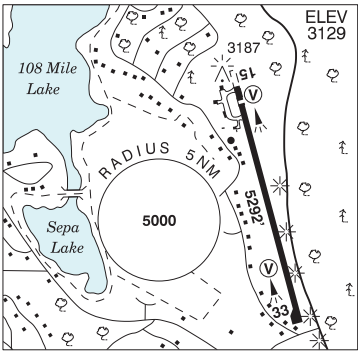
REF	N49 38 W100 12 2.5E 6°E (2013) UTC-6(5) Elev 1480´ A5007 LO4
OPR	Souris & Glenwood Aprt Comsn 204-483-5219 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL S	 100LL 2(win only), 5
RWY DATA RCR	Rwy 08(083°)/26(263°) 2200x80 GRASS Rwy 14(143°)/32(323°) 2900x100 ASPH Opr Ltd win maint
LIGHTING	14-(TE LO), 32-(TE LO) ARCAL-123.2 type J
COMM ATF	 tfc 123.2 5NM 4500 ASL
PRO	Ultra-light circuit hgt 2000 ASL.
CAUTION	Ultra-light tfc. Agricultural spray acft dur sum. 60 AGL P-lines 1.0NM NW thld Rwy 14. Lgtd twr 1815 ASL (355 AGL) 1.5NM SW of A/D.



SOUTH CALGARY AB — See DE WINTON / SOUTH CALGARY

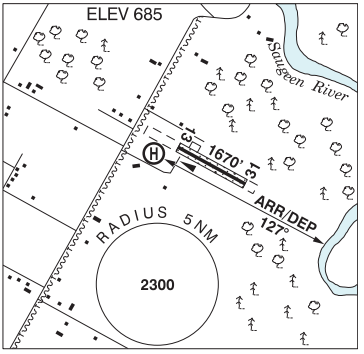
SOUTH CARIBOO / 108 MILE BC — CZML

REF	N51 44 10 W121 19 58 5.3NW 17°E (2014) UTC-8(7) Elev 3129´ A5004 LO2 HI3 CAP RCAP
OPR	Cariboo Regional District APM 250-791-1908 Reg Ldg fees apply to all turbine and twin engine acft
PF	A-1,3,6 C-2,4,5
FLT PLN **FIC** **WX**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) AUTO 250-791-9262 (See COMM)
SERVICES **FUEL** **OIL** **S**	 100LL, JA Self-serve Visa & Mastercard All 1,2,4,5,6
RWY DATA **RCR**	Rwy 15(148°)/33(328°) 5292x75 asphalt Thld 15 displ 415' Rwy 15 down 0.51% Opr
LIGHTING	15-(TE ME) V1, 33-(TE ME) V1 ARCAL-123.2 key mic 3 times for edge lighting, 5 times for VASIS 33 and edge lgts, 7 times for VASIS 15 and edge lgts.
COMM **ATF** **AUTO**	 tfc 123.2 5NM 6100 ASL 122.55
PRO	Day: Rgt hand circuits Rwy 33 (CAR 602.96). Night: Rgt hand circuits Rwy 15 (CAR 602.96).
CAUTION	South end of rwy is not vis fr Thld 15. P-line across apch to Rwy 33 marked by ball markers.



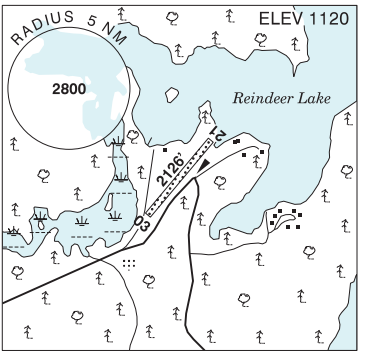
SOUTHAMPTON ON — CPF7

REF	N44 29 38 W81 20 07 1.4E 9°W UTC-5(4) Elev 685´ A5000
OPR	G. Wilson 519-832-2070/6170 Reg
PF	C-2,3,4,5,6
FLT PLN **FIC**	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 13/31 1670x37 gravel/asphalt, 24´ asphalt width No win maint
HELI DATA	FATO/TLOF 84´ dia CONC/GRVL Safety Area 106´ x 106´
COMM **ATF**	 tfc 122.8 5NM 3700 ASL
PRO	Arr/dep 127° fr heli.
CAUTION	P-Lines aprx 30´ high, aprx 920´ fr Thld 13.

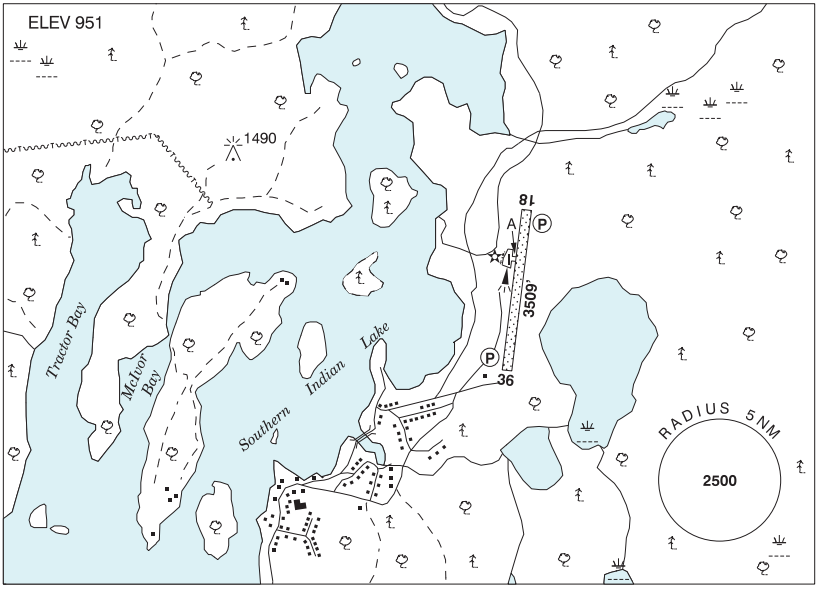


SOUTHEND / HANS ULRICKSEN FIELD SK — CKA9

REF	N56 20 11 W103 17 37 2WNW 8°E (2016) UTC-6 Elev 1120' A5016 A5024
OPR	Transwest Air 306-425-2382 Fax 306-425-2455 Reg PPR
PF	C-4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	7
RWY DATA **RCR**	Rwy 03(032°)/21(212°) 2126x90 CLAY/GRVL Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 4200 ASL
CAUTION	Extv float-plane tfc on Reindeer Lake dur open water season. Twr 1520 ASL (263 AGL) aprx 1.4NM ESE.



SOUTH INDIAN LAKE MB — CZSN



REF	N56 47 34 W98 54 26 2E 4°E (2015) UTC-6(5) Elev 951´ A5024 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 431-531-5381 Cert
PF	A-1 C-2,3,4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols

SOUTH INDIAN LAKE MB (Cont'd) CZSN

FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 18(183°)/36(003°) 3509x109 crushed rock. Rwy 36 first 2690' up 1.17%, last 819' down 0.34%.
RWY CERT	Rwy 18/36 AGN IIIA
APRON	Apron l: ltd win maint
RCR	APM 204-374-2225 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 431-531-5381
LIGHTING	18-(TE ME) P1, 36-(TE ME) P1 ARCAL-122.8 type K
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4000 ASL
CAUTION	Acft at opposite ends of the rwy may not be visible to each other. Twr 400 AGL 1NM W thld Rwy 18. Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

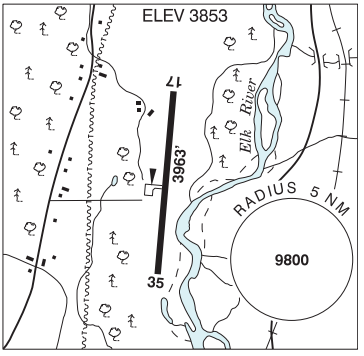
SOUTHPORT MB — See PORTAGE LA PRAIRIE / SOUTHPORT

SOUTH RIVER AIRPARK ON — See SUNDRIDGE / SOUTH RIVER AIRPARK

SOUTH SHORE REGIONAL NS — See LIVERPOOL / SOUTH SHORE REGIONAL

SPARWOOD / ELK VALLEY BC CYSW

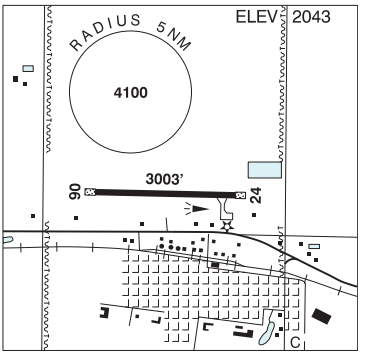
REF	N49 50 06 W114 52 43 4N 15°E (2012) UTC-7(6) Elev 3853´ A5005 LO2 CAP
OPR	Regional District of East Kootenay 250-425-4616 Reg
PF	B-1 C-2,3,4,5
FLT PLN FIC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR 14-24Z (DT 13-01Z) O/T LWIS 5.3S (CWSW)
SERVICES FUEL OIL	100LL (self-serve) 15W50



RWY DATA RCR	Rwy 17(175°)/35(355°) 3963x75 ASPH Rwy 17 down 0.68% AGN IIIA Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 6800 ASL
CAUTION	Wildlife ocsl on rwy. Blasting ops 1NM N A/D sfc to 3281 AGL 12057 ASL.

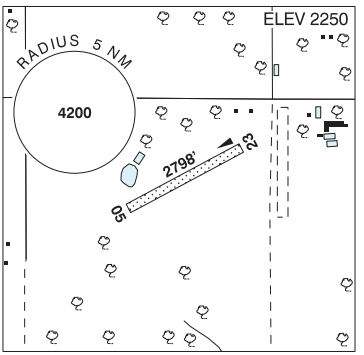
SPIRIT RIVER AB — CFS5

REF	N55 47 02 W118 50 27 Adj N 18°E (2012) UTC-7(6) Elev 2043´ A5014 LO1 CAP
OPR	Town 780-864-3998/3977 Reg
PF	B-1 C-2,3,4,5
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES FUEL	 100LL A. Ross 780-864-3731/3978
RWY DATA RCR	Rwy 06(072°)/24(252°) 3003x75 ASPH Rwy 06 down 0.67% AGN IIIA Opr Ltd maint
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-123.2 type K
COMM ATF	 tfc 123.2 5NM 5100 ASL
CAUTION	350 AGL antenna tower 1NM SSW aprt.



SPIRITWOOD / H & M FAST FARMS SK — CHM2

REF	N53 16 30 W107 34 13 5.8SSW 12°E (2012) UTC-6 Elev 2250' VTA A5015
OPR	Harold Fast Tel/Fax 306-883-7857 Reg PN
PF	C-1,2,5
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL S	 100LL 5
RWY DATA RCR	Rwy 05(050°)/23(230°) 2798x125 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 5300 ASL



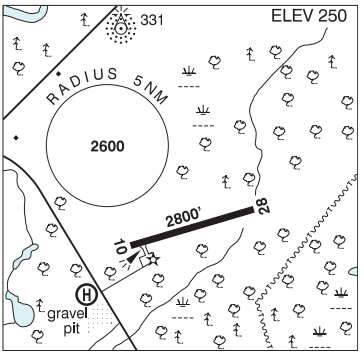
SPITFIRE SK — See LAMPMAN / SPITFIRE AIR

SPRINGBANK AB — See CALGARY / SPRINGBANK

SPRINGDALE NL

CCD2

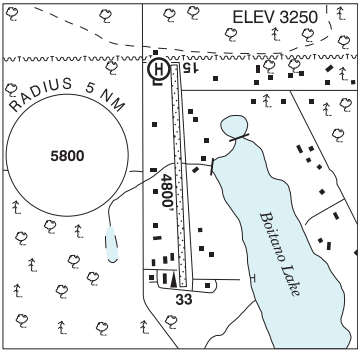
REF	N49 28 44 W56 10 41 4W 20°W (2015) UTC-31/2(21/2) Elev 250´ A5011 A5012 LO8
OPR	Govt of Newfoundland & Labrador 709-292-4326 or 709-256-1048 Reg
PF	C-1,2,3,4,5
FLT PLN FIC ACC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Gander 709-651-5225 or 888-751-5225.
SERVICES FUEL OIL	 100LL Ltd hrs Springdale Aviation 709-673-3313 80, 100 Ltd hrs Springdale Aviation 709-673-3313
RWY DATA RCR	Rwy 10/28 2800x75 asphalt Opr Ltd win maint
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-122.8 type J
COMM ATF	 tfc 123.2 5NM 3300 ASL
NAV NDB	 2B 364 (L) N49 29 24 W56 11 05 Pvt Unmonitored
PRO	Rgt hand circuits Rwy 10 (CAR 602.96).
CAUTION	Possible wind shear on apch Rwy 28 due to deep ravine 100´ fr button. ARCAL lgt may not activate at lower alt due to higher terrain. Heli tfc W of A/D.



SPRINGHOUSE AIRPARK BC

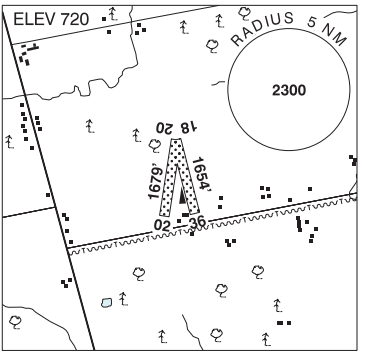
CAQ4

REF	N51 57 20 W122 08 22 18°E (2012) UTC-8(7) Elev 3250´ A5004
OPR	Springhouse Airpark Society 250-392-7585/0588 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN FIC	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES S	 1,2,3,4,5
RWY DATA RCR	Rwy 15/33 4800x100 GRASS Opr Ltd win maint.
COMM ATF	 UNICOM 122.8 2NM 4800 ASL
CAUTION	P-line on apch Rwy 15. Float planes opr fr Boitano Lake E side rwy. Helipad 200' W Thld 15.



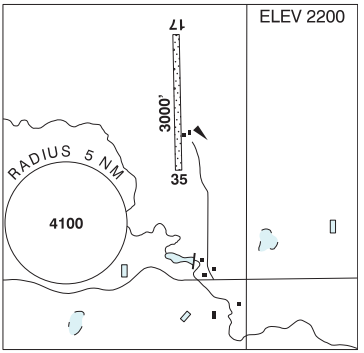
SPRINGVALE ON — CGV7

REF	N42 58 12 W80 09 34 1.6W 10°W (2016) UTC-5(4) Elev 720' A5000
OPR	Ralph Bennett 905-765-3134 Reg
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
PF	B-1 C-2,3,4,5,6
RWY DATA RCR	Rwy 02(019°)/20(199°) 1679x100 GRASS Rwy 18(175°)/36(355°) 1654x100 GRASS Opr No win maint
COMM ATF	tfc 123.2 4NM 3800 ASL
CAUTION	P-lines aprx 60 AGL S of Rwy 02 & 36.



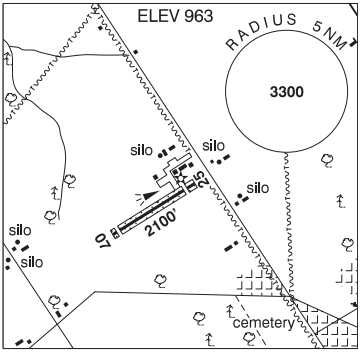
SPRING VALLEY (NORTH) SK — CKP2

REF	N50 03 36 W105 24 07 7N 10°E (2012) UTC-6 Elev 2200' A5006
OPR	B. Forman 306-799-4501 Reg
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
PF	B-1 D-2,3,4,5,6
RWY DATA RCR	Rwy 17(169°)/35(349°) 3000x50 GRASS/GRVL, centre 20' GRVL Opr No win maint
COMM ATF	tfc 123.2 5NM 5200 ASL



SPRINGWATER (BARRIE AIRPARK) ON — CNA3

REF	N44 24 23 W79 43 54 Adj NW 11°W UTC-5(4) Elev 963´ A5000
OPR	Harbour Management 705-734-6149 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	1,5
RWY DATA RCR	Rwy 07(073°)/25(253°) 2100x100 GRASS/ASPH, centre 40´ ASPH Thld 07 displ 100´. Thld 25 displ 200´. Opr 13-22Z‡ Ltd win maint

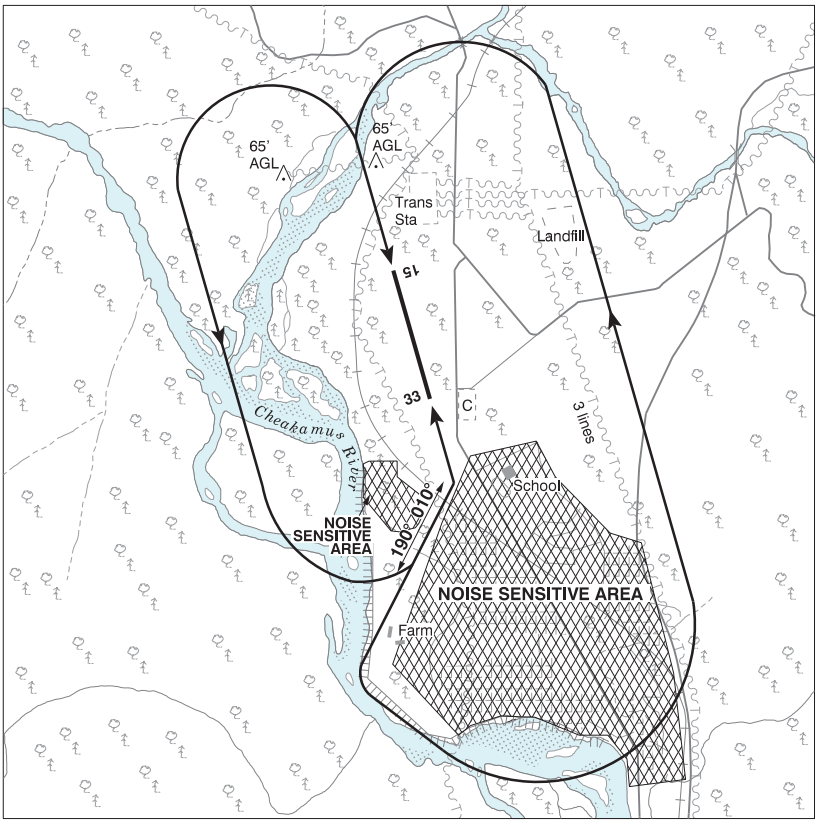


SPRINGWATER (BARRIE AIRPARK) ON (Cont'd) CNA3

COMM ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 4000 ASL
PRO	Rgt hand circuits Rwy 25 (CAR 602.96).
CAUTION	Possible wind shear ldg Rwy 25 in NW sfc winds exceeding 10 knots.

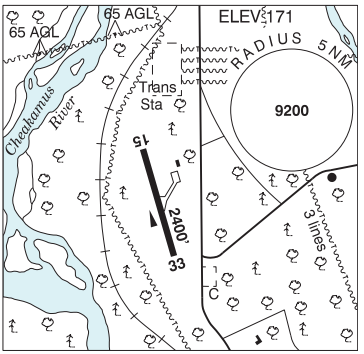
SPUD PLAINS MB — See WHEATLAND / SPUD PLAINS

SQUAMISH VFR TERMINAL PROCEDURES CHART



SQUAMISH MUNICIPAL AIRPORT (DON PATRICK FIELD) BC — CYSE

REF	N49 46 54 W123 09 43 5.4N 17°E (2015) UTC-8(7) Elev 171´ A5004
OPR	District of Squamish 604-892-5217 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL
S	5
RWY DATA	Rwy 15/33 2400x75 asphalt
APRON	S side avbl for itinerant acft prkg. Designated air ambulance prkg.
RCR	Opr Ltd win maint
COMM	
ATF	UNICOM 122.8 3NM 2500 ASL
PRO	Rwy 33 Dep: Preferred calm wind rwy when safe, due to noise sensitive areas. Rwy 33 Arr: Offset approaches. Avoid noise sensitive areas (see VTPC). Rwy 15 Dep: Initial climb on rwy hdg, when safe turn to aprx 190° to avoid noise sensitive areas. Climb at best rate, follow river SE (see VTPC). Circuit trng not auth 04-16Z‡ PPR. Itinerant acft circuit trng PPR.
CAUTION	Strong sfc winds may produce significant turbulence and/or downdrafts. Trees to 100 AGL on apch to Rwy 15, aprx 1000' fr thld. Possible wildlife on rwy. Landfill 0.5NM E of Thld 15, possible bird act in vic of A/D.

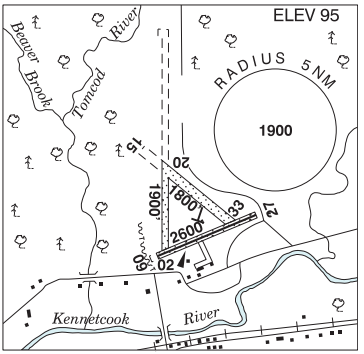


STANFIELD INTL NS — See HALIFAX / STANFIELD INTL

STANHOPE ON — See HALIBURTON / STANHOPE

STANLEY NS — CCW4

REF	N45 06 02 W63 55 14 12NE 18°W (2014) UTC-4(3) Elev 95´ A5003 LO8 T2
OPR	Stanley Sport Avn 902-632-2251 Reg
PF	D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 02/20 1900x90 GRASS Rwy 09/27 2600x125 GRASS/ASPH Rwy 15/33 1800x100 GRASS
RCR	Opr No win maint.

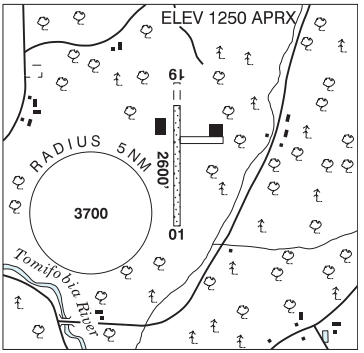


STANLEY NS (Cont'd) CCW4

COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 2900 ASL
CAUTION	50' high trees on apch to Rwy 09. Unlgtd twr 250 AGL 4.2 NM SE of A/D.

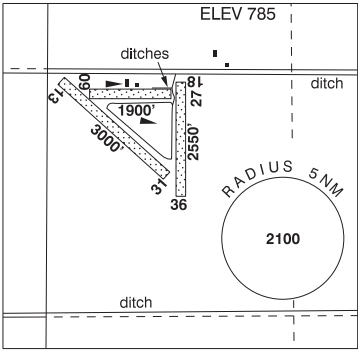
STANSTEAD / WELLER QC CTQ2

REF	N45 02 04 W72 02 06 2.5NE 16°W UTC-5(4) Elev 1250´ aprx A5002
OPR	G. Weller 819-876-2528 Reg PPR
PF	C-1
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 01/19 2600x50 aprx GRASS No win maint
COMM ATF	tfc 123.2 5NM 4300 ASL
CAUTION	Anticipate gusty wind fr the W first 500´ fr Thld 19 due to surrounding terrain.

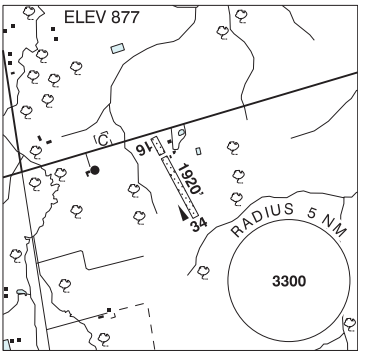


STARBUCK MB CKJ7

REF	N49 42 22 W97 40 50 4SW 4°E (2015) UTC-6(5) Elev 785´ VTA A5007
OPR	Winnipeg Gliding Club 204-735-2868 Reg
PF	C-1,2,5 D-3,4,6
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 09(087°)/27(267°) 1900x125 GRASS Rwy 13(130°)/31(310°) 3000x275 GRASS Rwy 18(177°)/36(357°) 2550x200 GRASS
RCR	Opr No win maint. Rwys ruf, soft when wet.
COMM ATF	tfc 123.4 5NM 2800 ASL
PRO	Gliders fly left hand circuits. Powered acft fly rgt hand circuits (CAR 602.96). Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.



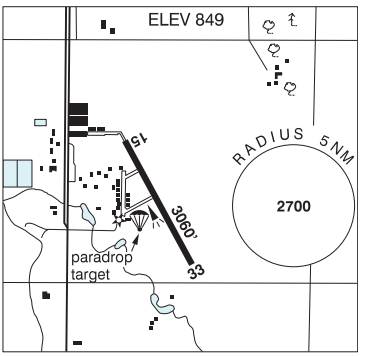
STAYNER (CLEARVIEW FIELD) ON — CLV2



REF	N44 24 16 W80 08 53 2.4WSW 10°W (2012) UTC-5(4) Elev 877' A5000
OPR	Clearview Nursery Ltd. Kevin Elwood 705-428-0063/444-9461 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
FUEL	MOGAS (emerg use only)
RWY DATA	Rwy 16(164°)/34(344°) 1920x60 GRASS Thld 16 displ 400' Rwy 16 up 1.15%
RCR	Opr No win maint. Rwy soft in spring. Ski ops win only
COMM	
ATF	tfc 122.85 3NM 3900 ASL
CAUTION	Trees either side of rwy. P-lines marked 40 AGL apch Rwy 16. Unlgtd twr 970 ASL midfield 170' E of rwy within bldg cluster.

STEEVES FIELD ON — See NEWTONVILLE / STEEVES FIELD

STEINBACH MB — CJB3



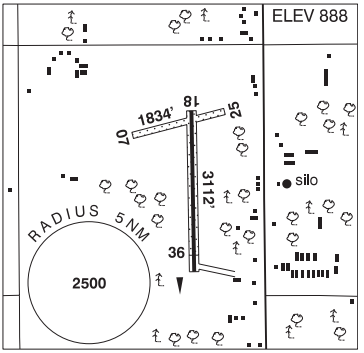
REF	N49 33 03 W96 40 50 1N 3°E (2015) UTC-6(5) Elev 849' VTA A5007 LO4 RCAP
OPR	City of Steinbach 204-326-9877 or 204-346-6215 Reg
PF	A-1 B-6 14Z‡-SS C-2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
SERVICES	
FUEL	100LL 431-999-3337 or 204-355-8842
OIL	All
S	4,5,6
RWY DATA	Rwy 15(148°)/33(328°) 3060x75 ASPH
RCR	Opr
LIGHTING	15-(TE LO), 33-(TE LO) ARCAL-122.7 type J
COMM	
ATF	tfc 122.7 5NM 3900 ASL

STEINBACH MB (Cont'd) CJB3

PRO	Rgt hand circuits Rwy 33 (CAR 602.96). Do not overfly A/D unless intentions bcst on 122.7 due possible conflict with parajumps. **ATS REQUIREMENTS:** VFR & IFR Flight Plans, file at least 30 min prior to ETD. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.
CAUTION	Model acft activity 0.5NM N A/D. Aerobatics may be in progress within 1NM of airport sfc to 6000 ASL daylight hrs. Bcst intentions on ATF or establish visual ctc with aerobatic acft prior to entering the area. Aerobatic acft above 3000 ASL are in ctc with Winnipeg Tml (121.0). Ocsl parajump activity within 5NM of A/D, daylight hrs Apr 01-Oct 31, activated by NOTAM. Max alt 12,500 ASL. Paradrop target W of Rwy 15/33. Potential bird activity fr spring to fall.

STEINBACH (SOUTH) MB CKK7

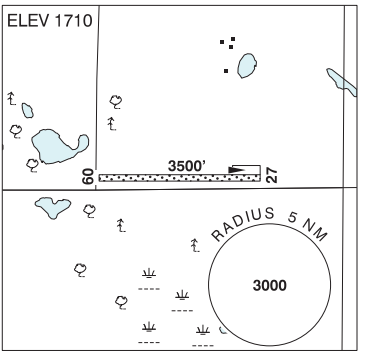
REF	N49 29 38 W96 41 56 2S 3°E (2010) UTC-6(5) Elev 888´ VTA A5007 LO4 CAP
OPR	Harv's Air Service 204-326-2434 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC** **ACC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO) IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.



SERVICES **FUEL** **OIL** **S**	 100LL All 2,3,4,5,6
RWY DATA **RCR**	Rwy 07(072°)/25(252°) 1834x100 GRASS Rwy 18(176°)/36(356°) 3112x100 ASPH/GRASS, ctr 40' ASPH Rwy 18 up 0.32% AGN I Opr
LIGHTING	18-(TE LO), 36-(TE LO) ARCAL-122.7 type J
COMM **ATF**	 UNICOM ltd hrs O/T tfc 122.7 5NM 3900 ASL
PRO	Circuit hgt 1600 ASL. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.
CAUTION	Steinbach A/D tfc & parajumps 3.4NM N. Extv flt tng in vic Mon-Sat.

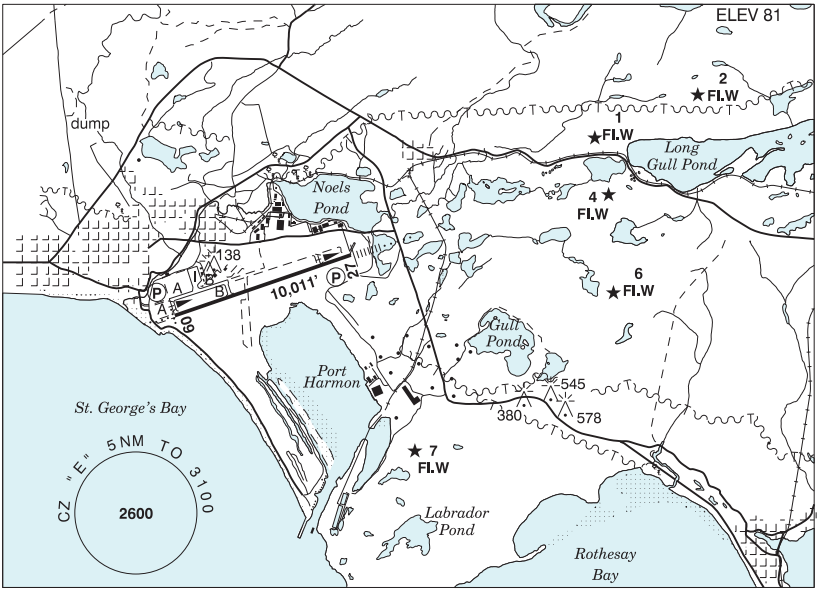
STENEN / CLAYTON AIR 3 SK — CCA5

REF	N51 49 28 W102 22 35 4.5S 7°E (2022) UTC-6 Elev 1710′ A5006
OPR	Clayton Air Service 306-497-7401 www.claytonairservice.com Reg PPR A/D clsd Nov 1-Mar 31
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09/27 3500x35 GRVL Opr No win maint
COMM **ATF** **A/G**	 tfc 123.2 5NM 4800 Company 123.55 123.45
CAUTION	Low-level agricultural ops within 30NM May 01-Oct 15



STEPHENVILLE NL — See STEPHENVILLE DYMOND AIRPORT

STEPHENVILLE DYMOND AIRPORT NL — CYJT



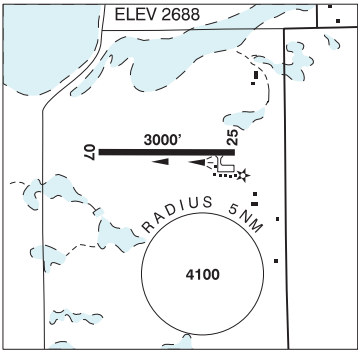
REF	N48 32 40 W58 33 00 1.5SE 20°W (2014) UTC-31/2(21/2) Elev 81′ A5011 A5012 LO8 HI6 CAP
OPR	Stephenville Dymond Airport 709-643-8440/8445/8446, 877-663-8440 Fax 709-643-1295 H24 Cert
PF	A-1,2,3,5,6 C-4

STEPHENVILLE DYMOND AIRPORT NL (Cont'd) CYJT

CUST	AOE/30 12-20Z‡ Mon-Fri, AOE/15 Gen Avn only H24 exc hols 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z
SERVICES	Call out chg, dependent on supplier, may be levied for one or more svcs.
FUEL	JA-1 (FSII avbl)
OIL	Turbo 2380, Aviation EE80
S	1,2,3,6
ARFF	PARTICIPATING CAT 5 (CAT 6 30 min PN)
SUP FL	D-Ice
JASU	Hobart 28/115V
PVT ADV	Stephenville Aviation Svcs 122.725 YJT Ramp Svcs 122.725
RWY DATA	Rwy 09(091°)/27(271°) 10,011x200 asphalt Rwy 27 down 0.69%
RWY CERT	Rwy 09 RVR 1200(1/4sm)/Rwy 27 RVR 1200(1/4sm) AGN V
RCR	Opr CRFI, PLR/PCN
LIGHTING	09-AD(non-std 1000') (TE HI) P3, 27-AN(TE HI) P3
COMM	
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3100 ASL (CAR 602.98)
PAL	Gander Ctr 120.325
NAV	
ILS	IJT 109.5 (Rwy 27) RVR
PRO	Rgt hand circuits for gliders conducting westerly departures from abandoned area N of Rwy 09/27 (CAR 602.96).
CAUTION	Daily radiosonde balloon launches with an ascent rate of 1000 ft/min btwn hrs of 1115-1345Z and 2315-0145Z. Glider activity Apr-Oct in abandoned area N of Rwy 09/27. Vehicle launching.

STETTLER AB CEJ3

REF	N52 18 36 W112 45 16 1.5SW 15°E (2012) UTC-7(6) Elev 2688' A5005 A5015 LO2 CAP
OPR	Town & County 403-742-8305 Reg
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL
S	5
RWY DATA	Rwy 07(076°)/25(256°) 3000x75 ASPH AGN IIIA
RCR	Opr Ltd maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.0 type K

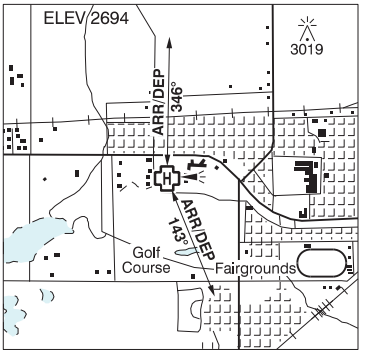


STETTLER AB (Cont'd) CEJ3

COMM ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 5700 ASL
PRO	Rgt hand circuits Rwy 07 (CAR 602.96).

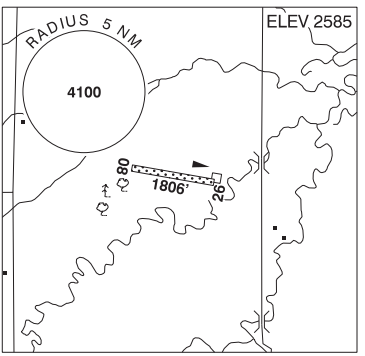
STETTLER (HOSPITAL & CARE CENTRE) AB (Heli) CLH2

REF	N52 19 24 W112 43 31 Adj 14°E (2013) UTC-7(6) Elev 2694´ A5005 A5015
OPR	Alberta Health Services 403-742-7400 Cert NVIS OPS AUTH PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 64' dia GRASS TLOF 35' octagonal Safety Area 90' dia Max heli overall length 44.8'
LIGHTING	RW(ME) yellow PN
COMM ATF	UNICOM ltd hrs O/T tfc 123.0 5NM centered on Stettler A/D 1.3NM SW 5700 ASL
PRO	Arr/dep 346° & 143° fr heli, slope 16% (H2) (CAR 602.96) NVIS rqrd for night use, all flt paths (CAR 602.96)
CAUTION	P-lines N heli. Trees to 66 AGL SE to SW of heli. Trees to 35 AGL NE to SE of heli.

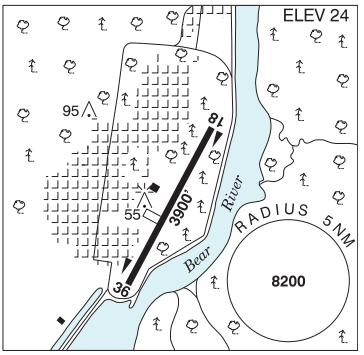


STETTLER / LYSTER FIELD AB CLY3

REF	N52 23 28 W112 36 15 1.7NE 13°E (2021) UTC-7(6) Elev 2585' A5015
OPR	Norman Lyster 403-742-6631 Reg PPR A/D clsd Dec-Mar
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 1806x75 GRASS Opr No win maint
COMM ATF	tfc 123.0 5NM 5600 ASL
CAUTION	Lgtd twr 2908 ASL (340 AGL) aprx 3.4NM NNE A/D. Multiple lgtd twr up to 3019 ASL aprx 5 NM S and SSW A/D.

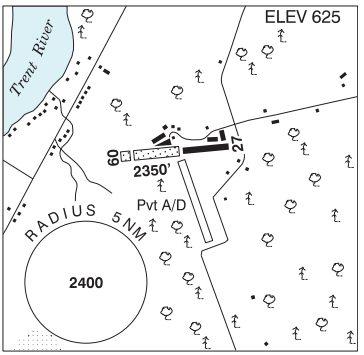


STEWART BC — CZST



REF	N55 56 W129 59 Adj E 18°E (2020) UTC-8(7) Elev 24´ A5013 LO1
OPR	District 250-636-2251 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-01Z (DT 13-01Z) dly O/T LWIS
RWY DATA	Rwy 18/36 3900x75 asphalt/snow
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3100 ASL

STIRLING ON — CPJ5



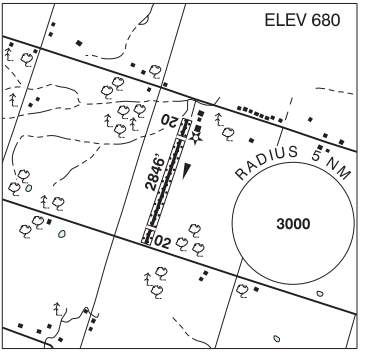
REF	N44 14 29 W77 33 42 3.5SSW 12°W UTC-5(4) Elev 625´ A5000
OPR	Oak Hills Flying Club 613-395-2360 Reg
PF	C-1,2,3,5 D-2,3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL PN
S	4,5
RWY DATA	Rwy 09/27 2350x125 GRASS/ASPH Rwy 27 first 1000x50 ASPH, remainder 1350x125 GRASS Rwy 27 grass portion slopes down 1.3% first 1104' then down 3.3% last 246' Thld 27 displ 1000´ Thld 09 displ 200
RCR	Opr Ltd win maint
LIGHTING	09-(TE LO) non-std, 27-(TE LO) non-std ARCAL-122.8 type J
COMM	
RCO	London rdo (Campbellford) 123.375 (FISE) 126.7 (bcst)
TWR	Trenton 128.7
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL
PRO	ATF airspace is entirely within CFB Trenton Class D CZ. Advise Trenton TWR prior to entering CZ on arrival or departure. All NORDO flts must ctc Trenton TWR via alternate means prior to entering CZ on arrival or departure. Trenton TWR phone number (613) 965-3788. TWR will accept collect calls.
CAUTION	Trees east of thld Rwy 27, 60 AGL. Downdrafts associated with E/W winds on Rwy 09/27. Downdrafts associated with S winds due to near treeline S of Rwy 09/27. Pilots exercise caution on Rwy 27 due to grass section down slope. Wildlife may be on rwy. Pvt A/D adj S.

STONE ON — See SAINTFIELD / STONE

STONEHILL FARMS AB — See DELBURNE / STONEHILL FARMS

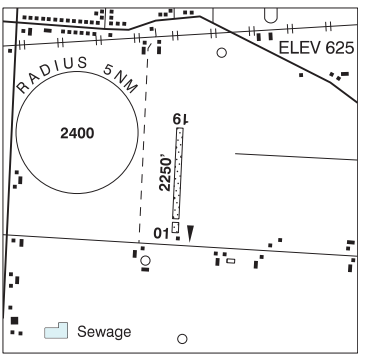
STONEY CREEK ON CPF6

REF	N43 10 10 W79 42 35 2E 10°W UTC-5(4) Elev 680´ VTA A5000
OPR	2866264 Ontario Inc. 905-578-0689 Reg PPR
PF	C-2,3,4,5,6 D-1
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02/20 2846x60 GRASS/ASPH, centre 25' ASPH. Thld 02 displ 362'. Thld 20 displ 420' Opr Ltd win maint Rwy 02/20.
COMM ATF	tfc 122.8 5NM 3700 ASL
CAUTION	Ditches at Thlds 02/20



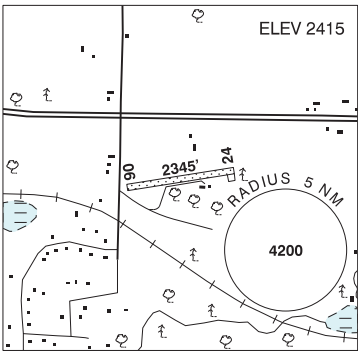
STONEY POINT (LE CUNFF) ON CRML

REF	N42 17 44 W82 32 06 Adj SE 7°W UTC-5(4) Elev 625´ A5000
OPR	Armel Le Cunff 519-798-3286 Reg PPR
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 01/19 2250x50 GRASS Thld 01 displ 250´ Opr Ltd win maint Rwy soft when wet
COMM ATF	tfc 122.9 5NM 3600 ASL
CAUTION	Bldgs & unmarked twr aprx 40 AGL aprx 600´ fr Thld 01. Trees on apch to Rwy 01. Cultivated fields at both edges of Rwy 01/19. Marked wires 550' S Thld 01 40 AGL.



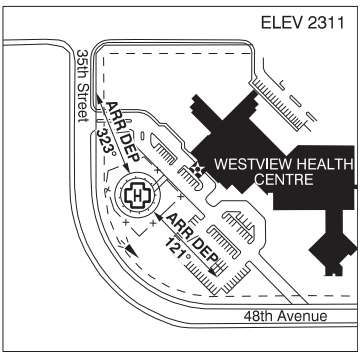
STONY PLAIN (LICHTNER FARMS) AB CSP3

REF	N53 32 15 W114 04 06 16°E (2012) UTC-7(6) Elev 2415´ VTA A5015
OPR	Frank J. Lichtner 780-968-7059/292-0990 Reg PPR
FLT PLN **FIC** **ACC**	 Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 06(065°)/24(245°) 2345x65 GRASS Rwy 06 up 1% first half Rwy strength and condition subject to seasonal and wx cond. Ltd win maint.
PRO	For VFR Routes, Edmonton VTPC or as directed by ATC. Transponder required in Control Zone. Edmonton Intl Class C airspace 4600 ASL and above overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt pln or ctc 888-358-7526 at least 30 min prior to entering.
CAUTION	Trees and powerline 150´ west of threshold Rwy 06. Wildlife in vicinity of rwy. Rwy on ridge, steep drop off both sides and ends of rwy. Strong crosswinds may be encountered.

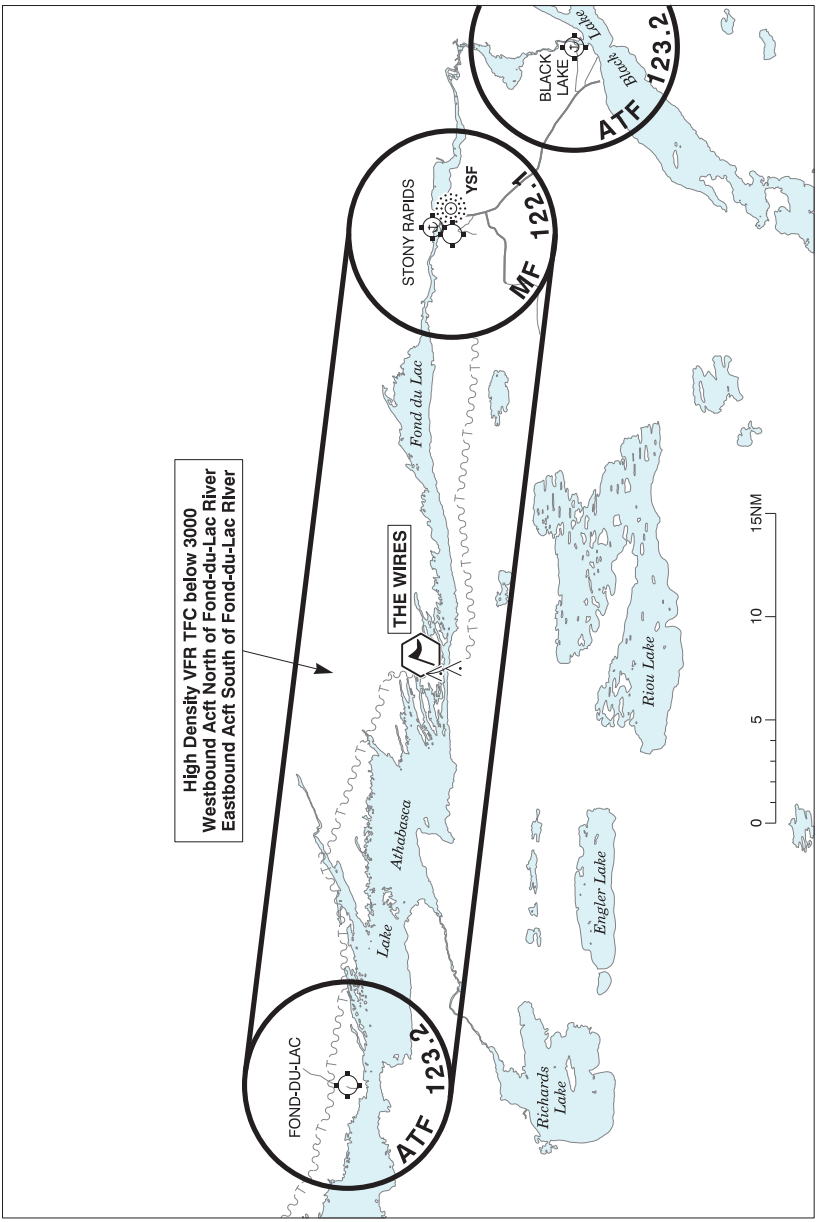


STONY PLAIN (WESTVIEW HEALTH CENTRE) AB (Heli) CSP2

REF	N53 32 17 W113 58 42 15°E (2014) UTC-7(6) Elev 2311´ VTA A5015
OPR	Capital Health Authority 780-968-3600 Cert PPR
PF	A-1,2,3,4 C-5 D-6
FLT PLN **FIC** **ACC**	 Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA	FATO 85' dia ASPH TLOF 64' dia ASPH Safety Area 114' dia
LIGHTING	RY(LO)RR PN ctc Opr
COMM **ATF**	 tfc 123.2 5NM 5400 ASL
PRO	Arr/dep 121° & 323° fr heli. Routing via Edmonton VTPC or as directed by ATC.

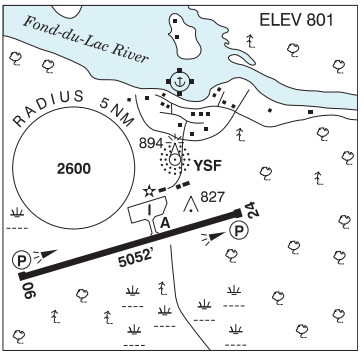


STONY RAPIDS VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
THE WIRES	VCWRS	N59° 15' 25" W106° 31' 44"

STONY RAPIDS SK — CYSF

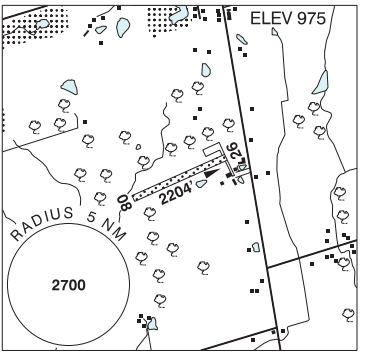


REF	N59 15 01 W105 50 29 Adj S 11°E (2012) UTC-6 Elev 801´ A5023 LO1 LO5 HI2 CAP
OPR	Ministry of Highways 306-953-3263/3269 1600-1730Z, 1845-2115Z, 2230-2400Z Mon & Fri; 1600-1730Z, 2230-2400Z Tue & Thu; 1630-1800Z, 1845-2115Z, 2200-2400Z Wed; 2000-2130Z Sun; O/T 2 hrs PN Cert
PF	B-1 C-2,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Winnipeg IFR 888-834-3344 or 204-983-8337
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1, JB
OIL	80, 100
S	1,2,3,4,6
PVT ADV	Snowbird Petroleum 129.45 306-439-2040/2066; Athabasca Fuel Service Ltd. 306-439-4933/4898/2138/2056 Ext 4
RWY DATA	Rwy 06(063°)/24(243°) 5052x100 paved - TBS Rwy 24 up 0.44%
RWY CERT	Rwy 06/24 AGN IIIA
RCR	District Office 306-425-4493/4494 or Opr
LIGHTING	06-(TE ME) P1, 24-(TE ME) P1 ARCAL-122.1 type K.
COMM	
RCO	Regina rdo 122.1 (RAAS) 13-04Z Edmonton rdo 122.375 (FISE) 126.7 (bcst)
MF	Regina rdo 13-04Z O/T tfc 122.1 5NM 3900 ASL (CAR 602.98)
PAL	Winnipeg Ctr 124.475
AWOS	128.75
NAV	
NDB	YSF 287 (M) N59 15 18 W105 49 54
PRO	Rgt hand circuits Rwy 06 (CAR 602.96).

STOUFFVILLE ON

CBB2

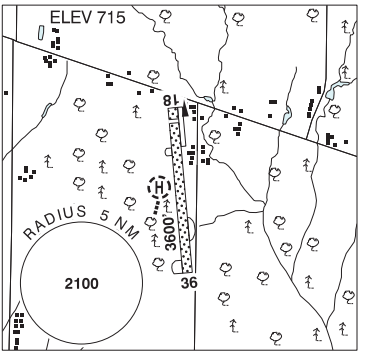
REF	N43 59 36 W79 16 01 1.7NW 11°W (2015) UTC-5(4) Elev 975' A1900 A5000
OPR	Bill Bryan 647-218-5403 Reg PPR
PF	C-1,2,3,5,6 D-4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(077°)/26(257°) 2204x60 GRASS
RCR	Opr Ltd win maint
COMM ATF	tfc 122.8 4NM 4000 ASL
CAUTION	Wildlife on rwy at dawn/dusk.



STRAFFORDVILLE / BUSHHAWK CREEK ON

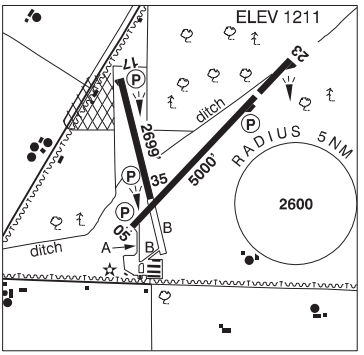
CBH5

REF	N42 42 52 W80 44 42 2.5SSE 9°W (2021) UTC-5(4) Elev 715´ A5000
OPR	Bushhawk Creek 519-866-5294 Reg PPR
PF	B-5 (emerg only) C-1,2 D-3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18/36 3600x100 GRASS Thld 18 displ 250´
RCR	Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3800 ASL
CAUTION	Trees and P-lines adj Thld 18. Deer and wild turkeys in vic of Thld 36. Agricultural ops adj rwy.



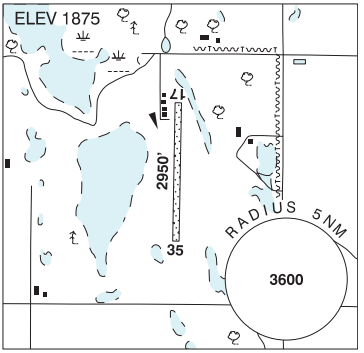
STRATFORD MUNI ON — CYSA

REF	N43 24 57 W80 56 03 2NE 9°W UTC-5(4) Elev 1211´ A5000 LO6 HI5 CAP
OPR	Corp of the City of Stratford 519-271-4881/272-0933 Cert
PF	A-1 C-2,3,4,5,6
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	 100LL, JA 15W50, 20W50 1,2,3,4,5
RWY DATA RWY CERT TWY CERT TWY RCR	Rwy 05(052°)/23(232°) 5003x100 asphalt Thld 23 displ 1031´. Rwy 17(175°)/35(355°) 2699x50 asphalt Rwy 05/23 AGN IIIB Rwy 17/35 AGN I Twy B AGN I Twy B rstd day use only Opr Snow removal 13-22Z‡ O/T on request
LIGHTING	05-AS(TE ME) P1, 23-(TE ME) P1, 17-(TE ME) AP, 35-(TE ME) AP 3.5° ARCAL-122.8 type K
COMM ATF	 UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
PRO	Rgt hand circuits Rwy 17 & 23 (CAR 602.96). Rwy 35 climb rwy hdg to 1715 ASL BPOC.
CAUTION	Ocsl deer crossing rwys.



STRATHCLAIR MB — CJY5

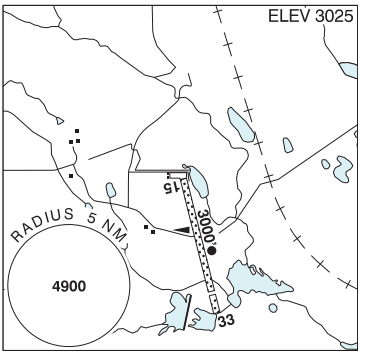
REF	N50 23 46 W100 25 31 1W 6°E (2015) UTC-6(5) Elev 1875´ A5007
OPR	Strathclair Aprt Comsn 204-365-2196 Reg
PF	C-1,2,4,5
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	for svcg 204-365-2196
RWY DATA RCR	Rwy 17(175°)/35(355°) 2950x100 GRASS Opr 15-23Z‡ Mon-Fri O/T ctc I. Gerrard 204-365-2784 No win maint
COMM ATF	 tfc 123.2 5NM 4900 ASL



STRATHMORE (APPLETON FIELD) AB

CAP9

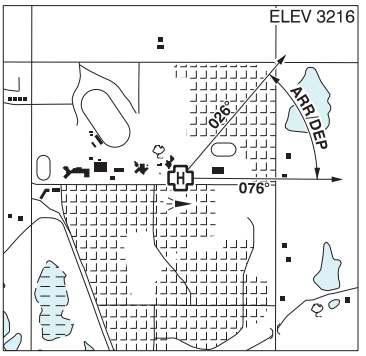
REF	N50 59 38 W113 22 19 2.8SSE 15°E (2012) UTC-7(6) Elev 3025' VTA A5005
OPR	R & C Appleton 403-901-2421 or 403-560-5991 Reg PPR
PF	C-1,2,3,5 D-4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES **S**	4 PN
RWY DATA **RCR**	Rwy 15(151°)/33(331°) 3000x40 GRASS Thld 33 displ 400'. Opr Ltd win maint
COMM **ATF**	tfc 122.8 3NM 6100 ASL
CAUTION	Uphill slope to north (Gentle 10' to 15' rise in north third of rwy). Irrigation ditch and small trees off north end across road. Small sweetgas wellsite marked with orange posts 30' fr rwy edge, east side of rwy at mid point.



STRATHMORE (DIST HEALTH SERVICES) AB (Heli)

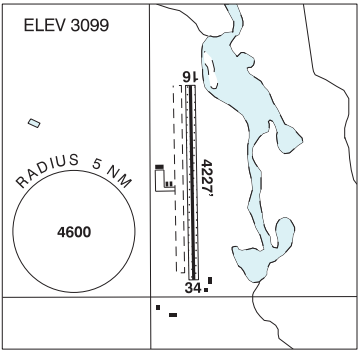
CSM2

REF	N51 03 36 W113 23 10 1.5NNE 14°E (2013) UTC-7(6) Elev 3216' VTA A5005 LO2 T1
OPR	Alberta Health Services 403-361-7000 Cert PPR
FLT PLN **FIC** **ACC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 72' x 63' CONC/GRASS Safety Area 96' x 90' Max heli overall length 44.8' (CAR 602.96)
LIGHTING	RW(ME) yellow
COMM **ATF**	tfc 122.8 3NM 6300 ASL
PRO	Arr/dep 026° to 076° fr heli, slope 8% (H3) (CAR 602.96)
CAUTION	Maneuvering area enclosed by 3' high chain link fence. Street lights to 30 AGL adj S of heli. Trees to 25 AGL adj W thru N of heli.



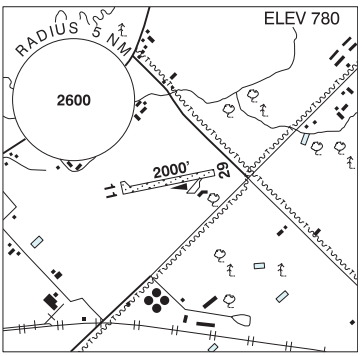
STRATHMORE (D.J. MURRAY) AB — CDJ5

REF	N51 08 01 W113 33 35 8.3WNW 15°E (2013) UTC-7(6) Elev 3099´ VTA A5005 LO2 T1 RCAP
OPR	Don Murray 403-934-3127 Reg PPR Ldg fees
PF	B-1 D-2,3,4,5,6
FLT PLN FIC ACC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 16(164°)/34(344°) 4227x90 ASPH/GRASS (centre 50´ ASPH, remainder smooth grass) Opr
LIGHTING	16-(LO), 34-(LO) PN
COMM ATF	tfc 123.2 5NM 6200 ASL



STRATHROY (BLUE YONDER) ON — CPK2

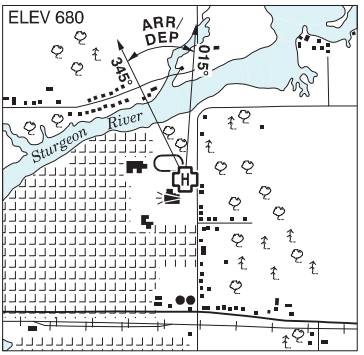
REF	N42 57 57 W81 35 30 1E 8°W UTC-5(4) Elev 780´ A5000
OPR	J. Pollock 519-671-0101 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5
RWY DATA RCR	Rwy 11/29 2000x75 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 29 (CAR 602.96).
CAUTION	Lgtd twr 295 AGL aprx 1NM NE. Trees 250´ fr Thld 29. Trees on apch to Rwy 11 & Rwy 29. Trees adj to Rwy 11/29 aprx 57´ fr rwy centreline on S side. P-line 400´ fr Thld 29. Lgtd twr 340 AGL aprx 2NM NW. Lgtd twr 342 AGL aprx 1.5NM E.



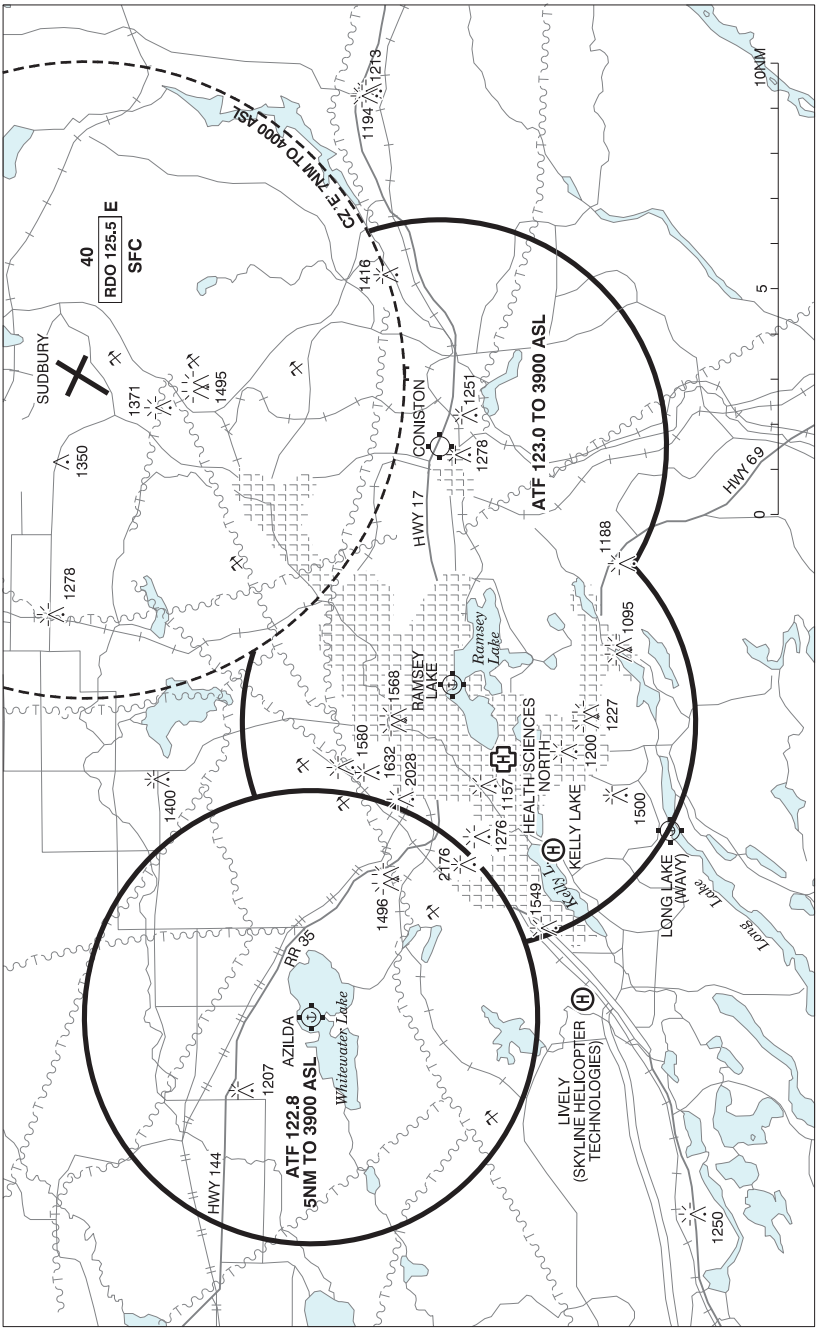
STRAWBERRY LAKES SK — See ODESSA / STRAWBERRY LAKES

STURGEON FALLS (WEST NIPISSING GEN HOSP) ON (Heli) CNM3

REF	N46 22 24 W79 54 58 Adj NE 11°W (2015) UTC-5(4) Elev 680´ A5000 A5001 CAP
OPR	West Nipissing Gen Hosp 705-753-3110 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 114' dia Max heli overall length 57.5'
LIGHTING	RY(LO) RF(FL)
COMM **A/G**	Ambulance dispatch 129.275
PRO	Arr/dep 345° to 015° fr heli, slope 8% (H3)

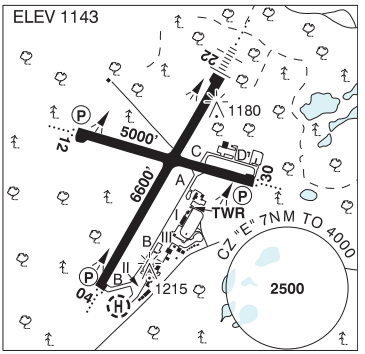


SUDBURY VFR TERMINAL PROCEDURES CHART



SUDBURY ON CYSB

REF	N46 37 32 W80 47 52 11NE 10°W (2012) UTC-5(4) Elev 1143´ A5000 A5001 LO4 HI4 HI5 CAP
OPR	Muni 705-693-2514 Cert
PF	A-1,2,3,6,7 C-4,5
CUST	AOE/15 888-226-7277 1330-2130Z‡ Mon-Fri exc hols
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08, 14 & 20Z.



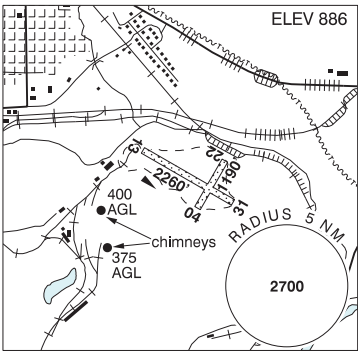
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (FSII avbl), HPR
OIL	All
S	1,2,3
ARFF	PARTICIPATING CAT 5 (CAT 7 3 hrs PN) 1100-0400Z‡ O/T PN call out chg.
SUP FL	D & A-ice
PVT ADV	Northern Aviation Services/Shell 122.95 705-693-2972 12-02Z‡ Mon-Fri, 13-01Z‡ Sat-Sun Page 24 hrs 705-671-6945; Executive Aviation Fuels Ltd/World Fuels Service 122.35 0900-0100Z‡ O/T 705-699-0079 or 705-822-6585
MIL CON	Northern Aviation Services (Shell) 705-693-2972
RWY DATA	Rwy 04(040°)/22(220°) 6600x150 ASPH Rwy 12(116°)/30(296°) 5000x150 ASPH Rwy 12 Up 0.3%
RWY CERT	Rwy 04 RVR 1200(1/4sm)/Rwy 22 RVR 1200(1/4sm) AGN IV Rwy 12/30 AGN IV
TWY CERT	Twy D AGN IIIB
APRON	Apron I rstd to sked commercial air carrier by stand assignment only fr Greater Sudbury Airport. Apron III itinerant acft parking to be arranged through PVT ADV.
RCR	Opr RSC/CRFI & win maint avbl 11-04Z‡ O/T 8 hrs PN, call out chg. PLR/PCN
LIGHTING	04-AO(TE HI) P2, 22-AN(TE HI), 12-AO(TE ME) P2, 30-AO(TE ME) P2
COMM	
RADIO	125.5 (V) (emerg only 705-693-3661)
RCO	London rdo 123.475 (FISE) 126.7(bcst)
ATIS	127.4
CLNC DEL	121.8 PTC avbl
MF	rdo 125.5 7NM 4000 ASL (CAR 602.98)
PAL	Toronto Ctr 135.5
NAV	
DME	YSB 112.3 Ch 70 N46 37 45 W80 47 54 (1171')
ILS	ISB 110.3 (Rwy 22) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwys 22 & 30 (CAR 602.96).
CAUTION	Extv float/ski/helicopter tfc in vic Azilda, ATF 122.8 and Coniston A/D 8NM S, ATF 123.0.

SUDBURY FSS-RCO

London 119.4 (RAAS) 0345-1120Z‡ (N43 01 W81 09)

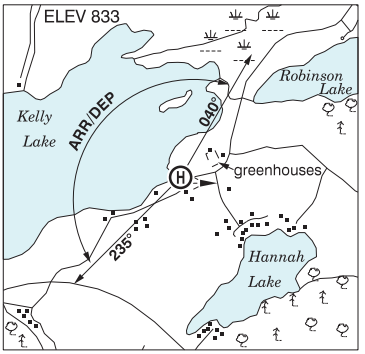
SUDBURY / CONISTON ON — CSC9

REF	N46 28 56 W80 50 02 6E 11°W UTC-5(4) Elev 886´ A5000 A5001
OPR	Central North Flying Club 705-694-9000 Reg
PF	A-1 avbl 11-02Z seasonal C-1,2,4,5 D-3,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	100LL W80, 15W-50, 80 1,4,5,6
RWY DATA	Rwy 13/31 2260x35 treated gravel Rwy 13 up 2.3% Rwy 04/22 1190x35 treated gravel
APRON	Overnight prkg fees only (waived with fuel purchase).
RCR	Opr PN No win maint.
COMM **RCO** **ATF** **PAL**	London rdo 123.475 (FISE) 126.7(bcst) tfc 123.0 5NM 3900 ASL Excluding the Sudbury aprt CZ. Toronto Ctr 135.5
CAUTION	Aerodrome is within 8NM of CYSB, obstacles on apch to Rwy 31 & Rwy 04, twr aprx 1/2NM E of Rwy 31 hgt unkn, twr aprx 1NM NW of aerodrome & twin smoke stacks aprx 400 AGL 1NM SW of aerodrome. Extv float/ski/helicopter tfc in vic Azilda, ATF 122.8.



SUDBURY / KELLY LAKE ON (Heli) — CSU8

REF	N46 26 58 W81 02 42 3.4SW 10°W (2022) UTC-5(4) Elev 833' A5000 A5001
OPR	Todd Thomas 705-665-2909 Reg daytime
PF	B-1,7,8 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	100LL, JA-1 ltd hrs (ctc Opr) 1,4,5,6 ltd hrs (ctc Opr)
HELI DATA **RCR**	FATO/TLOF 60' x 78' CONC Safety Area 120' x 120' Max heli overall length 60' Opr ltd win maint.
COMM **ATF**	tfc 122.8 5NM 3900 ASL

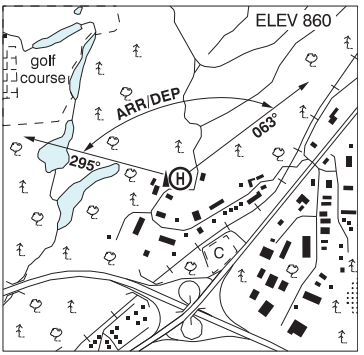


SUDBURY / KELLY LAKE ON (Heli) (Cont'd) CSU8

PRO	Arr/dep 235° to 040° fr heli, day use only. Avoid flt over greenhouses NE of heli. Parking: Avoid posn tail rotor over N side of heli
CAUTION	Smoke stack 1549 ASL (637 AGL) 1.8NM WNW. Extv float/ski activity vic Ramsey Lake 4.2NM ENE, Long Lake 2NM S, Whitewater Lake (Azilda AD) 6.2NM WNW.

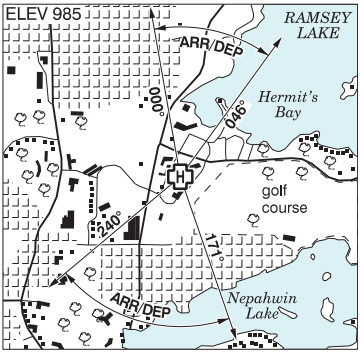
SUDBURY / LIVELY (SKYLINE HELICOPTER TECHNOLOGIES) ON (Heli) CSK7

REF	N46 26 08 W81 07 19 6.3WSW 10°W (2018) UTC-5(4) Elev 860´ A5000 A5001
OPR	Skyline Helicopter Technologies 705-692-2900 Reg PPR
PF	B-1,7,8 C-2,3 D-4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL** **OIL** **S**	100LL, JA-1 80, 100, 15W50, Turbo 1,2,3,6 12-21Z‡ Mon-Fri
HELI DATA **RCR**	FATO/TLOF 60' dia ASPH Safety Area 120' dia Opr
COMM **ATF**	tfc 122.8 5NM 3900 ASL
PRO	Arr/dep 295° to 063° fr heli. No hover ops along easterly fence line.



SUDBURY (HEALTH SCIENCES NORTH) ON (Heli) CSL8

REF	N46 28 05 W80 59 46 Adj SE 10º W UTC-5(4) Elev 985' A5000 A5001
OPR	Health Sciences North, Sudbury 705-523-7100 Ext 1290 Cert PPR
PF	A-1,2,4 C-3,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia CONC TLOF 80' dia CONC Safety Area 114' dia 20,000 lbs Max heli overall length 57' Opr
LIGHTING	RY (LO) RF (FL) ARCAL-123.05 type J
COMM **ATF** **A/G**	tfc 123.0 5NM 4000 ASL, excluding the Azilda ATF area and Sudbury aprt CZ Ambulance dispatch 129.275

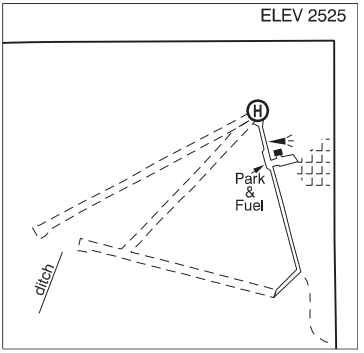


SUDBURY (HEALTH SCIENCES NORTH) ON (Heli) (Cont'd) CSL8

PRO	Arr/dep btwn 000°-046° & 171°-240° fr heli, slope 8% (H2), day/night use.
CAUTION	Elevator lobby on East side and exhaust stacks on West side. Extv float/ski/helicopter tfc in vic Azilda, ATF 122.8 and Coniston ATF 123.0.

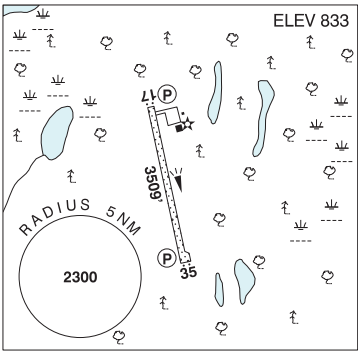
SUFFIELD AB (Heli) CYSD

REF	N50 16 W111 11 3NNW 13°E (2015) UTC-7(6) Elev 2525´ A5005
OPR	DND 403-544-4310/4314 CSN 319-520-4310/4314 Mil PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES **FUEL**	PN, Mil acft F-34 from British Army PPR
HELI DATA	130´ x 375´ concrete
LIGHTING	RF (FL)
COMM **TWR** **MIL**	126.2 230.5 avbl Apr 1-Oct 31 & on irregular basis Nov 1-Mar 31 Range ctl 49.9 FM
PRO	Rwys abandoned. Unmanned Aerial Vehicles operating from the abandoned rwys and transiting to CYR 229 and 230. Parachuting from 12,500 ASL. Gliding to 4500 ASL. Adjacent to CYR 230 and CYR 229 which have live firing year round. Acft in vic bcst on 126.2. Avoid overflying camp & ammo compound. Touchdown heli on thld of disused Rwy 22 & taxi south.



SUMMER BEAVER ON CJV7

REF	N52 42 31 W88 32 31 2.5SW 6°W (2012) UTC-5(4) Elev 833´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-630-4407 13-22Z‡ Mon-Fri exc hols Cert Opr
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 17(174°)/35(354°) 3509x100 gravel
RWY CERT	Rwy 17/35 AGN IIIA
RCR	Aprt Foreperson 807-620-4261 or Opr Ltd maint 13-22Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	17-AS(TE ME) AP, 35-AS(TE ME) AP ARCAL-123.2 type K

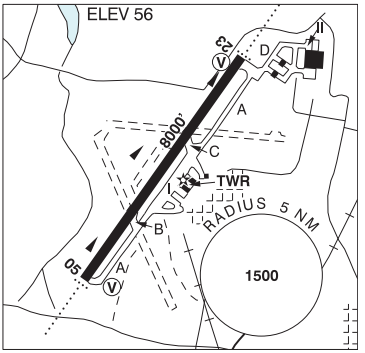


SUMMER BEAVER ON (Cont'd) CJV7

COMM	
ATF	tfc 123.2 5NM 3800 ASL
CAUTION	Lgtd tower 1289 ASL (525 AGL) 2.3NM NNE of A/D.

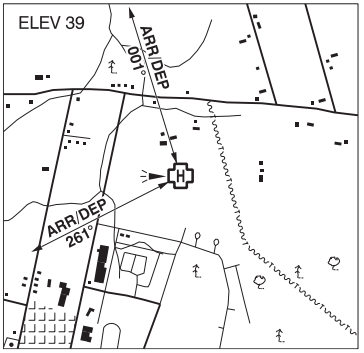
SUMMERSIDE PE CYSU

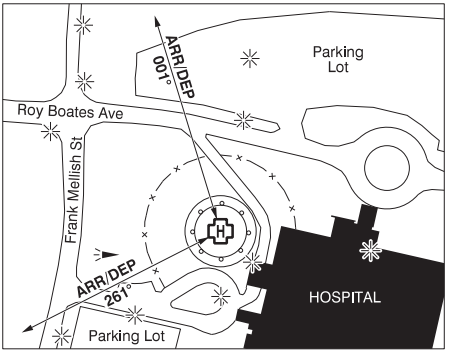
REF	N46 26 26 W63 50 01 3.5NNW 18°W (2013) UTC-4(3) Elev 56´ A5003 LO8 HI6 CAP
OPR	Slemon Park Corp 902-432-1760 Reg
PF	B-1,2,3,5 C-1,2,3,4,5,6
CUST	AOE/CAN 888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	AUTO 866-436-6059 (see COMM) ALTIMETER/WIND 902-432-1760 ltd hrs (see COMM)



SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (FSII avbl) Ltd hrs contact Opr
MILCON	Slemon Park Corp (Irving Oil) 902-432-1760 Ltd hrs contact Opr.
RWY DATA	Rwy 05(054°)/23(234°) 8000x200 ASPH
TWY	Twy B & D not lighted. No win maint Twy A & B.
RCR	Opr
LIGHTING	05-AD AS(TE LO) V2 2.5°, 23-AD AS(TE LO) V2 2.5° all lighting O/R 1 hr PN
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.95 5NM 3100 ASL
AUTO	122.55
PRO	Rgt hand circuits Rwy 23 (CAR 602.96)
CAUTION	Parajumps at A/D to 12,500´. Training areas west & south of A/D, see Moncton VTPC - Training areas. Migratory bird activity spring/fall. Small arms firing range 820m NE Thld 23 and 300m left of centreline. Wind turbines aprx 1.3NM SE Thld 23 410 AGL.

SUMMERSIDE (PRINCE COUNTY HOSP) PE (Heli) CCH6

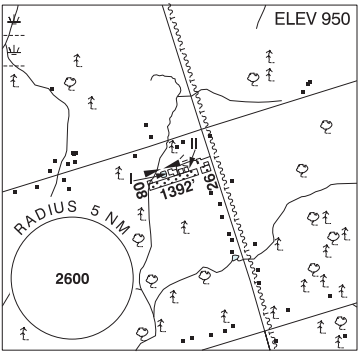




REF	N46 25 04 W63 46 26 Adj 18°W (2014) UTC-4(3) Elev 39´ A5003
OPR	Health PEI 902-438-4293 Cert PPR
PF	A-1,2,4 C-3,5,6,7,8
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA **RCR**	FATO/TLOF 86' dia ASPH Safety Area 115' Max heli overall length 57.4' Opr
LIGHTING	RY(LO) green LED
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.95 5NM centred on Summerside A/D 2.4NM WNW 3100 ASL
PRO	Arr/dep 001° & 261° fr heli, slope 16% (H2), day/night use.
CAUTION	Tower 200 AGL, 225 ASL (N46 25 20 W63 46 13) 0.3NM 049° fr heli. Unmarked P-line 623' NW of heli.

SUNDERLAND ON CSD7

REF	N44 13 37 W79 05 50 2.5SW 11°W (2014) UTC-5(4) Elev 950´ VTA A5000
OPR	Jeff Klimpel 705-357-2694 Reg PPR
PF	C-1,2,3,6 C-5
FLT PLAN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 08(083°)/26(263°) 1392x80 SAND/GRASS Thld 26 displ 200'. Rwy 26 down 3% Opr Ltd win maint.
LIGHTING	ARCAL-122.9 type J

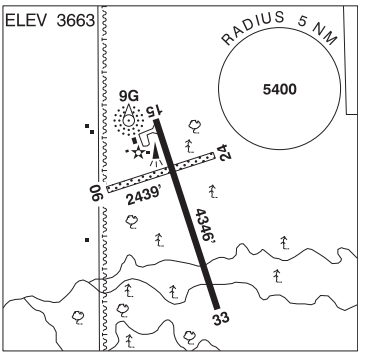


SUNDERLAND ON (Cont'd) CSD7

COMM ATF	tfc 122.9 3NM 4000 ASL
PRO	Rgt hand circuit Rwy 08. Land Rwy 08 and tkof Rwy 26 when possible.
CAUTION	50' marked P-lines and trees 100' fr Thld 26. 20' trees 150' fr Thld 08. Treeline 20' fr each side of rwy. Wildlife activity.

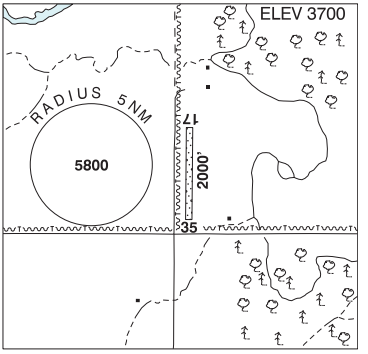
SUNDRE AB CFN7

REF	N51 46 29 W114 40 51 2SW 15°E (2012) UTC-7(6) Elev 3663´ A5005 LO2 T1 CAP
OPR	KS2 Management Ltd. 825-994-4815, 403-829-8105 Reg
PF	A-1 C-2,3,4,5 D-6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES FUEL	100LL, JA
S	2,4,5,6
RWY DATA	Rwy 15(147°)/33(327°) 4346x75 ASPH AGN IIIA Rwy 06(057°)/24(237°) 2439x75 grass Rwy 24 up 0.53%
RCR	Opr Ltd win maint PLR
LIGHTING	15-(TE ME), 33-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 6700 ASL
NAV NDB	9G 405 (M) N51 46 48 W114 41 00 Pvt Unmonitored
CAUTION	tfc at Sundre/Goodwins Farm, 1.5NM SE. Gravel pit N of Thld 15. Road adj to Thld 06.



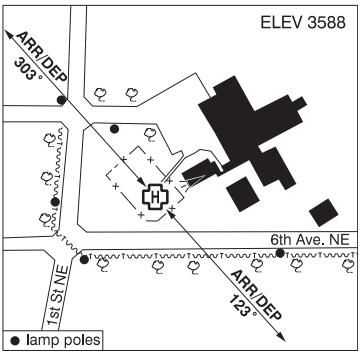
SUNDRE / GOODWINS FARM AB CFZ5

REF	N51 44 W114 40 4S 15°E (2016) UTC-7(6) Elev 3700´ A5005
OPR	B. Goodwin 403-638-3215 Reg
PF	A-1 C-2,3,4,5 D-6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 17/35 2000x60 GRASS Opr Ltd maint
COMM ATF	tfc 123.2 5NM centred on Sundre A/D 1.5NM NW 6700 ASL



SUNDRE (HOSPITAL & HEALTH CARE CENTRE) AB (Heli) CSD2

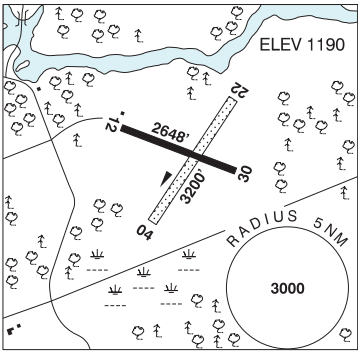
REF	N51 48 26 W114 38 12 Adj NE 15°E (2014) UTC-7(6) Elev 3588´ A5005
OPR	Alberta Health Services 403-638-3033 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 67' dia GRASS TLOF 36' dia ASPH Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96)



COMM	
ATF	tfc 123.2 5NM centred on Sundre A/D 2.6NM SSW 6700 ASL
PRO	Arr/dep 123° and 303° fr heli, (H1) (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Unlgtd tower 3825 ASL (100 AGL) aprx 1200' SSW heli. Unlgtd p-lines, trees and street lamps to 37 AGL 100-300' fr heli SE thru N.

SUNDRIDGE / SOUTH RIVER AIRPARK ON CPE6

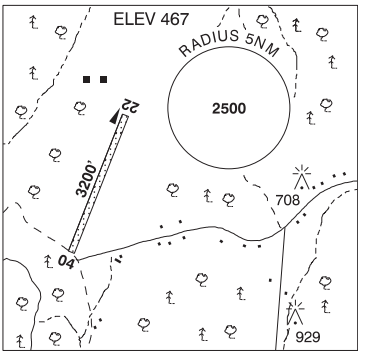
REF	N45 49 21 W79 19 25 2.6SE 12°W UTC-5(4) Elev 1190´ A5000 A5001
OPR	Sundridge/South River Airpark Inc. 905-746-2600 or 905-520-6596 Reg
PF	A-1,2,8 B-5 C-3,4 D-6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	Opr Call out chg
FUEL	100LL 14-22Z‡ O/T call out chg may be levied
OIL	All
S	1,2,3,4,5,6



RWY DATA	Rwy 04/22 3200x150 GRASS Rwy 12/30 2648x40 ASPH
RCR	Opr No win maint
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL
CAUTION	Painted & lgtd twr 1705 ASL 1.5 NM WSW aprt. Floatplane tfc N on Forest Lake. Rising terrain SE of Thld 30.

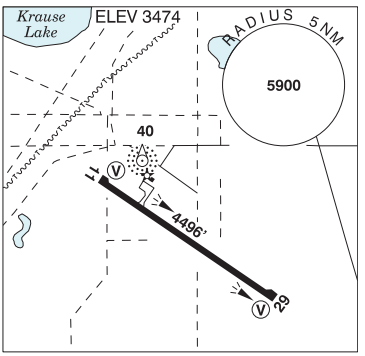
SUSSEX NB CCY3

REF	N45 41 11 W65 32 31 3SW 18°W (2015) UTC-4(3) Elev 467' A5003
OPR	Ross Keirstead 506-433-3554 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 04/22 3200x60 treated gravel (first 600´ Rwy 04 treated gravel/grass)
RCR	No win maint
COMM ATF	tfc 123.2 5NM 3400 ASL
CAUTION	Ocsl wildlife on rwy.



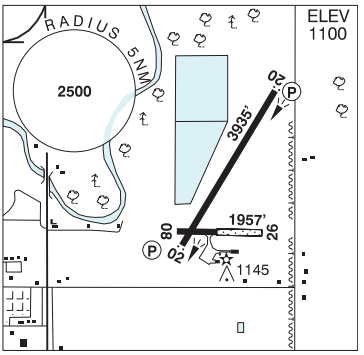
SWAN HILLS AB CEM5

REF	N54 40 15 W115 24 54 2.5S 16°E (2015) UTC-7(6) Elev 3474´ A5014 LO1
OPR	Big Lakes County 780-523-5955/8262 (24 hrs) Swan Hills call line 780-333-5053 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES FUEL	JB(D) supply own pump 888-778-8765
RWY DATA	Rwy 11(108°)/29(288°) 4496x100 ASPH Rwy 11 down 1.25%
RCR	Opr
LIGHTING	11-(TE ME) V1, 29-(TE ME) V1 ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 6500 ASL
NAV NDB	4O 251 (M) N54 40 30 W115 25 28 Pvt Unmonitored



SWAN RIVER MB — CZJN

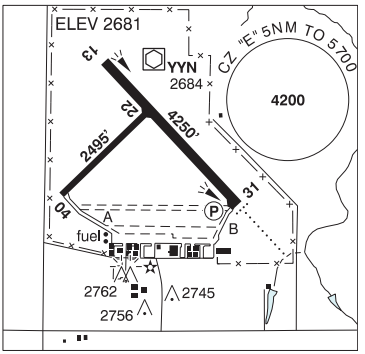
REF	N52 07 17 W101 14 04 Adj ENE 7°E (2015) UTC-6(5) Elev 1100´ A5006 A5016 LO2 LO4 CAP
OPR	Swan Valley Muni Aprt Comsn 204-734-4586 Cert
PF	C-2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA PN 204-734-8963 14-22Z‡ O/T call out chg will be levied, physical credit/debit card required.
S	4,5,6
RWY DATA	Rwy 02(024°)/20(204°) 3935x100 ASPH Rwy 08(084°)/26(264°) 1957x75 GRASS/ASPH, 850x75 ASPH, 1107x75 GRASS
RWY CERT	Rwy 02/20 AGN IIIA Rwy 08/26 AGN II
RCR	Opr 14-22Z‡ Mon-Fri O/T 204-734-8963 Rwy 08/26 no win maint.
LIGHTING	02-AS(TE LO) P1, 20-AS(TE LO) P1 ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 4100 ASL
PRO	Maintain rwy centreline while S of river on apch to Rwy 20 & dep Rwy 02.
CAUTION	Sewage lagoons adj to Rwy 02/20. Birds in vic of rwy.



SWEETWATER FARMS ON — See HASTINGS / SWEETWATER FARMS

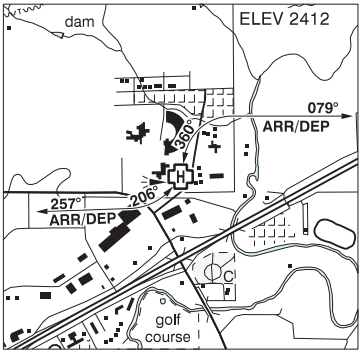
SWIFT CURRENT SK

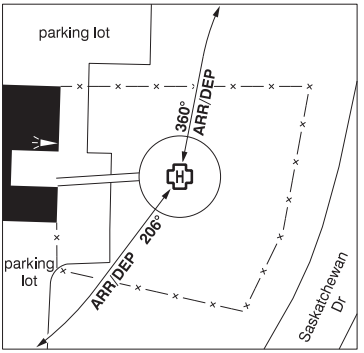
CYYN



REF	N50 17 33 W107 41 27 4E 11°E (2013) UTC-6 Elev 2681´ A5006 LO2 HI3 CAP
OPR	City of Swift Current 306-778-4803 Cert Ldg fees exc for single-engine piston acft
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam
SERVICES	Cardlock H24, VISA, Mastercard and American Express accepted. Ctc 306-741-0132
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	2,3,4,5,6
RWY DATA	Rwy 13(124°)/31(304°) 4250x150 ASPH Rwy 13 up 0.4% Rwy 04(034°)/22(214°) 2495x50 ASPH Rwy 22 up 0.72%
RWY CERT	Rwy 04/22 AGN IIIA Rwy 13/31 AGN IIIA
TWY	Twy B width 35'
RCR	Opr 14-23Z Mon-Fri exc hols O/T 1 hr PN AMSCR CRFI PLR/PCN.
LIGHTING	04-(TE ME), 22-(TE ME), 13-(TE ME), 31-AD(TE ME) P1 ARCAL-122.3 type K
COMM	
RCO	Edmonton rdo 123.275 (FISE) 351.3 (FISE) 126.7 (bcst)
MF	tfc 122.3 (no ground station) 5NM 5700 ASL (CAR 602.98)
PAL	Winnipeg Ctr 132.8
AWOS	124.7
NAV	
VOR/DME	YYN 117.4 Ch 121 N50 17 49 W107 41 27 (2684')
PRO	**ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Swift Current Class E Airspace 12,500' and below excluding the airspace within the Moose Jaw MTCA.
CAUTION	Migratory birds in vic of A/D

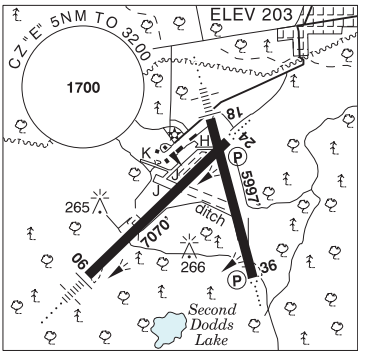
SWIFT CURRENT (CYPRESS REGIONAL HOSP) SK (Heli) CCY2





REF	N50 18 39 W107 46 27 Adj NNE 11°E (2013) UTC-6 Elev 2412' A5006
OPR	Saskatchewan Health Authority 306-778-9589 or 306-741-6884 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	APM 306-778-9534
COMM	
RCO	Edmonton rdo 123.275 (FISE) 351.3 (FISE) 126.7 (bcst)
MF	tfc 122.3 (no ground station) 5NM centred on Swift Current A/D 3.4NM E 5700 ASL (CAR 602.98)
PAL	Winnipeg Ctr 132.8
PRO	Arr/dep curved 360° to 079° fr heli, slope 16% (H2). Arr/dep curved 206° to 257° fr heli, slope 16% (H2). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Lgtd bldg aprx 124' W of heli. Lgtd WI mast on bldg aprx 124' W of heli. Day-marked with obst lights lamp posts E and S of heli along roadway and in parking lot SW of heli.

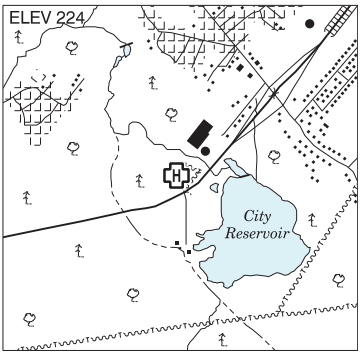
SYDNEY / J. A. DOUGLAS McCURDY NS — CYQY



REF	N46 09 41 W60 02 53 5ENE 19°W (2012) UTC-4(3) Elev 203´ A5003 A5012 LO8 HI6 CAP
OPR	Sydney Airport Authority 902-564-7720 1100-1930Z‡ Mon-Fri Commissionaire 902-564-7723 or 902-565-0388 09-05Z‡ Cert
PF	A-1,2,6 C-3,4,5
CUST	AOE/44 (200 stage off-loading), 12-21Z‡ Mon-Fri exc hols, 12-20Z‡ Sat-Sun. Gen Avn call 888-226-7277 to rpt arr. CANPASS
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL 902-564-7723, JA-1 (FSII avbl) 0730-2230Z‡ dly O/T PN (Menzies Aviation 902-564-8101)
S	1,2
ARFF	PARTICIPATING CAT 5 (CAT 7 4 hr PN) 08-01Z‡, O/T 902-565-0388 call out chg.
SUP FL	D & A ice
PVT ADV	Gateway Sydney FBO 130.075 902-615-7536
MIL CON	Menzies Aviation (Irving Oil) 902-564-8101
RWY DATA	Rwy 06(065°)/24(245°) 7070x200 asphalt Rwy 36(004°)/18(184°) 5997x150 asphalt
RWY CERT	Rwy 06 RVR 1200(1/4sm)/Rwy 24 RVR 1200(1/4sm) AGN IV Rwy 36 RVR 1200(1/4sm)/Rwy 18 RVR 1200(1/4sm) AGN IV
TWY CERT	Twy K AGN IIIB
RCR	Opr CRFI, PLR/PCN AMSCR 09-05Z‡
LIGHTING	36-AO(TE HI) P2, 18-AN(TE HI), 06-AN(TE HI), 24-AO(TE HI) P2 Rwy 36/18 and associated lighting ARCAL-123.2 type K. Rwy 06/24 and associated lighting ARCAL-122.0 type K. Rotating beacon, taxi and apron lights activated with either selection.
COMM	
RCO	Charlottetown rdo 122.0 (RAAS) (U) London rdo 123.475 (FISE) 126.7 (bcst)
MF	Charlottetown rdo 122.0 5NM 3200 ASL (CAR 602.98)
PAL	Moncton Ctr 118.6 266.3
NAV	
DME	YQY 114.9 Ch 96 N46 09 12 W60 03 21 (258')
ILS	IQY 110.3 (Rwy 06) RVR LOC reliable only within 10° either side of centreline.

SYDNEY (CAPE BRETON REGIONAL HOSP) NS (Heli) CSY9

REF	N46 06 36 W60 10 34 Adj SE 18°W (2015) UTC-4(3) Elev 224´ A5003 A5012
OPR	Cape Breton Regional Hosp 902-567-7245 (Herb Martell) Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	80´ dia circular asphalt
LIGHTING	FH

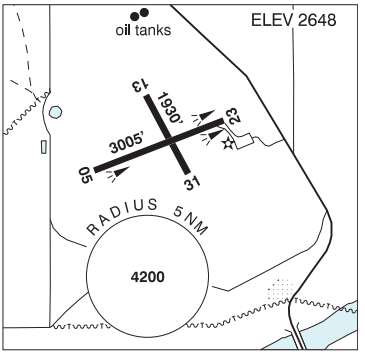


COMM	
RCO	London rdo 123.475 (FISE) 126.7 (bcst)
MF	Charlottetown rdo 122.0 5NM centred on Sydney land A/D 6.2NM NE 3200 ASL (CAR 602.98)
ATF	tfc 123.2 5NM 3200 ASL
CAUTION	Tower 525 ASL 0.4NM N of heli. Power line adj N & E sides of pad.

TABER AB

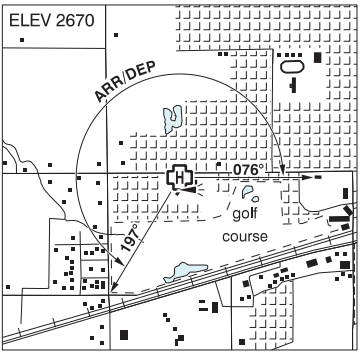
CED5

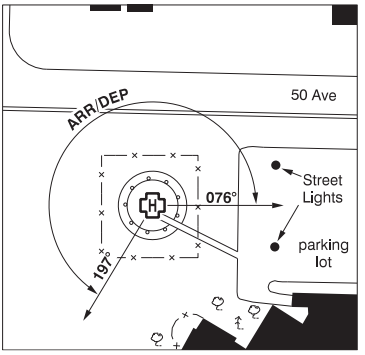
REF	N49 49 35 W112 11 05 4N 14°E (2013) UTC-7(6) Elev 2648´ A5005 LO2 CAP
OPR	Municipal District of Taber 403-223-3541 Reg
PF	B-1 D-2,3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
S	4,5,6
RWY DATA	Rwy 05(052°)/23(232°) 3005x75 ASPH Rwy 23 up 0.37% AGN IV Rwy 13(135°)/31(315°) 1930x75 ASPH
RCR	Opr Ltd maint
LIGHTING	05-(TE ME), 23-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5700 ASL



TABER (HEALTH CENTRE) AB (Heli)

CTB7



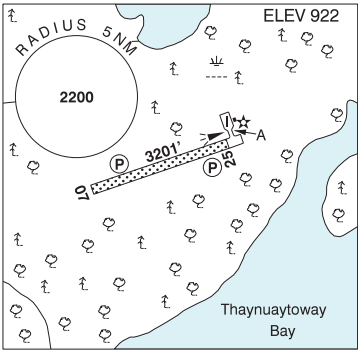


REF	N49 47 08 W112 09 58 14°E (2013) UTC-7(6) Elev 2670' A5005
OPR	Alberta Health Services 403-223-7211 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RW(ME) yellow LED O/R (Lighted WI centre of hosp bldg)
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM centred on Taber A/D 2.6NM NW 5700 ASL

TABER (HEALTH CENTRE) AB (Heli) (Cont'd) CTB7

PRO	Arr/dep 197° to 076° fr heli (H1) (CAR 602.96). NVIS rqrd for night use (CAR 602.96).
CAUTION	Unlgtd street lamps 45 AGL 150' NE of heli. Trees to 50 AGL 150' SE to S of heli.

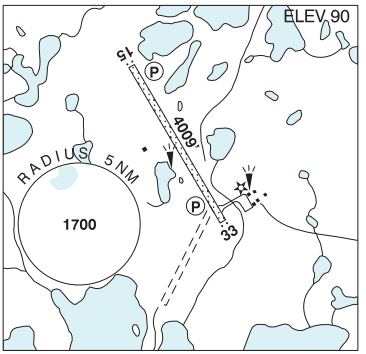
TADOULE LAKE MB CYBQ



REF	N58 42 22 W98 30 44 0.6SW 3°E (2013) UTC-6(5) Elev 922´ A5024 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 Cert
PF	A-1 C-4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) WxCam
RWY DATA	Rwy 07(069°)/25(249°) 3201x102 crushed rock Rwy 07 down 1.62%
RWY CERT	Rwy 07/25 AGN IIIA
APRON	Apron I: ltd win maint
RCR	APM 204-684-2034 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-684-2271
LIGHTING	07-(TE ME) P1, 25-(TE ME) P1 ARCAL-122.8 type K
COMM	
DRCO	Edmonton rdo 126.7 (FISE)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4000 ASL
AWOS	128.625
CAUTION	Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

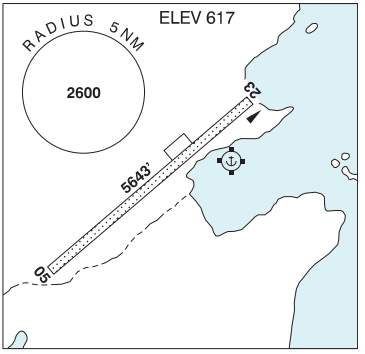
TALLY-HO FIELD ON — See COOKSTOWN / TALLY-HO FIELD

TALOYOAK NU — CYYH



REF	N69 32 48 W93 34 37 0.75W 10°W (2022) UTC-7(6) Elev 90´ A5043 LO5 HI1 HI2 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-561-6241
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied outside oprg hrs.
FUEL	JA-1 16-24Z‡ Mon-Fri exc hols PN ctc 867-561-5221 O/T 867-561-5757/5772. Credit cards not accepted. Credit by prior arng only, ctc 867-645-8400, allow 7 working days.
OIL	All
RWY DATA	Rwy 15(151°T)/33(331°T) 4009x100 GRVL Rwy 33 up 0.87%
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Maint contractor 867-360-6272, 867-391-0033. A/D maint avbl 15-24Z‡ Mon-Fri exc hols, O/T 12 hrs PN. Call out chg. PLR/PCN
LIGHTING	15-AS(TE ME) P1, 33-AS(TE ME) P1 ARCAL-122.1 type K (see CAUTION)
COMM	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V)
NAV	
NDB	YYH 290 (M) N69 32 29 W93 31 32 Unmonitored
CAUTION	Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5' outside rwy edge).

TALTHEILEI NARROWS NT — CFA7



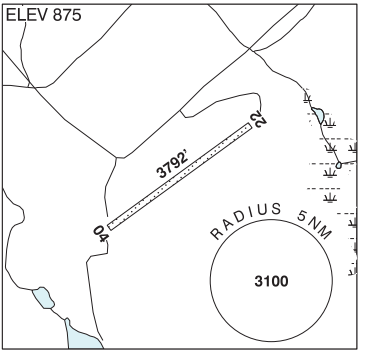
REF	N62 35 50 W111 32 29 16°E (2012) UTC-7(6) Elev 617´ A5030 LO5
OPR	Plummers Great Slave Lake Lodge 204-774-5775 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 05(049°T)/23(229°T) 5643x120 gravel Rwy 23 up 1.38% Summer months only PN
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3600 ASL

TALTHEILEI NARROWS NT (Cont'd) CFA7

PRO	Prior to dep, call opr to confirm Altimeter Setting avbl on arr.
CAUTION	Wildlife in vic of rwy.

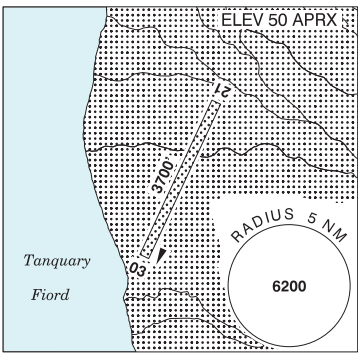
TALTSON RIVER NT CFW5

REF	N60 23 39 W111 20 50 14°E (2020) UTC-7 Elev 875´ A5023 A5030
OPR	Northwest Territories Power Corp 867-872-7100 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 04(040°)/22(220°) 3792x75 SAND/GRVL
RCR	Opr Ltd win maint. Soft in spring.
COMM	
ATF	tfc 123.2 5NM 3900 ASL

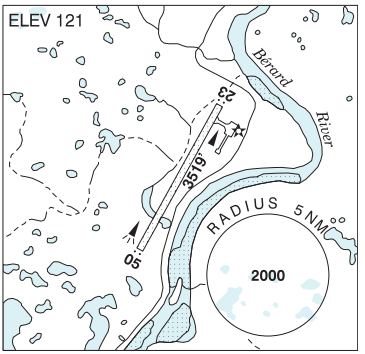


TANQUARY FIORD NU CJQ6

REF	N81 24 34 W76 52 54 Adj NE 58°W (2015) UTC-5(4) Elev 50´ aprx A5050
OPR	Parks Canada 867-975-4673 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	JB(D) prior arng only ctc opr, emerg only.
RWY DATA	Rwy 03(025°T)/21(205°T) 3700x120 GRVL
RCR	Opr Rwy strength & cond subject to seasonal & or climatic variations aprx Jun 1-Aug 31. No maint.
COMM	
ATF	tfc 123.2 5NM 3100 ASL
A/G	4472.5 4960.0 4441.0
PRO	Only opr with considerable experience in area should plan on using this A/D due to terrain (mtns all quads) & variable lcl cond.

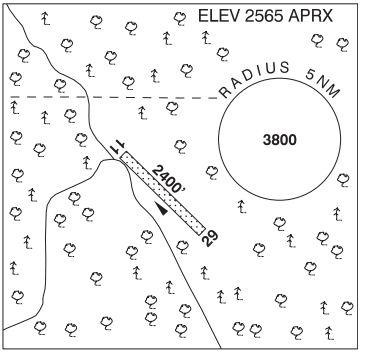


TASIUJAQ QC — CYTQ



REF	N58 40 04 W69 57 21 1.5SW 22°W (2020) UTC-5(4) Elev 121´ A5027 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-633-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 15-22Z‡, issue times: 15, 20Z (DT 14Z).
RWY DATA	Rwy 05(053°)/23(233°) 3519x100 GRVL Rwy 05 down 0.7% first 2390´
RWY CERT	Rwy 05/23 AGN IIIB
RCR	Opr PLR/PCN
LIGHTING	05-AS(TE ME), 23-AS(TE ME) ARCAL-122.1 type K
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM joined to Aupaluk MF circle by a corridor equal to the width of their diameter 3500 ASL (CAR 602.98), see Aupaluk/Kangirsuk/Tasiujaq VTPC.
APRT RDO	122.1 (V) 1230-2230Z‡
CAUTION	Unlgtd P-line 40 AGL (161 ASL) 500' NE Thld 23. Presence of permafrost ventilation pipes within the rwy strip. A/D status unkn aprx 7NM SW with possibility of acft and heli tfc Jun-Oct.

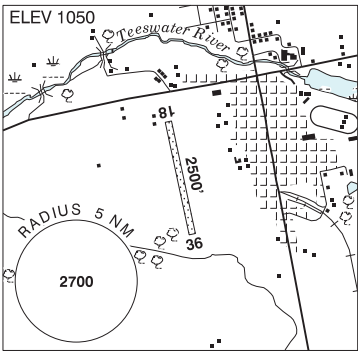
TEEPEE AB — CFM6



REF	N56 27 34 W114 07 09 16°E (2012) UTC-7(6) Elev 2565´ aprx A5023
OPR	Alberta Environment and Sustainable Resource Development, Wildlife Management Branch, Slave Lake WMA 780-849-7400 Reg
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 11/29 2400x150 GRASS
RCR	Opr Ltd maint. No win maint
COMM	
ATF	tfc 123.2 5NM 5600 ASL

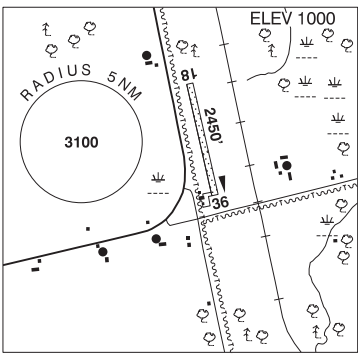
TEESWATER (DENT FIELD) ON — CDF2

REF	N43 59 40 W81 17 37 Adj W 9°W UTC-5(4) Elev 1050' A5000
OPR	J. Dent 519-901-3886 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR	Rwy 18(177°)/36(357°) 2500x60 GRASS Opr Ltd win maint
COMM ATF	tfc 122.8 5NM 4000 ASL
CAUTION	Trees 500' N of Thld 18.

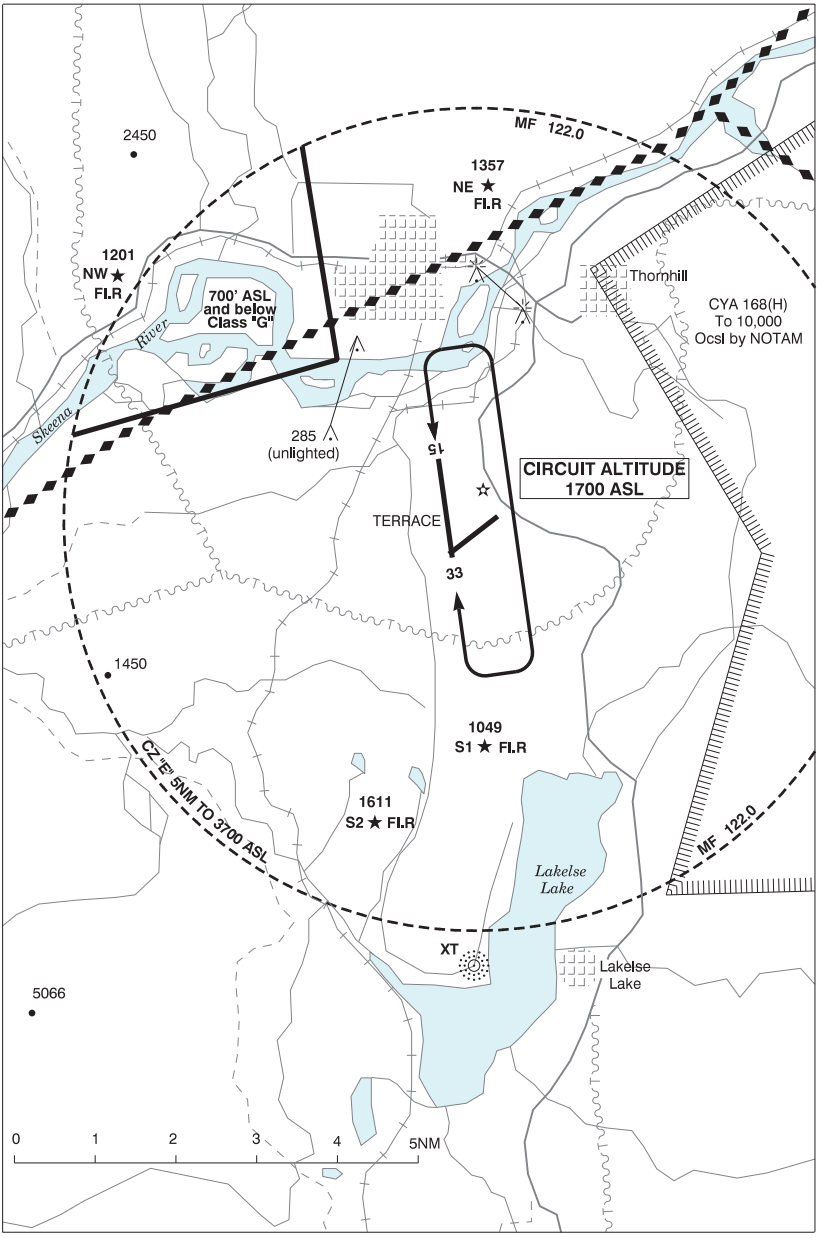


TEESWATER (THOMPSON FIELD) ON — CPC6

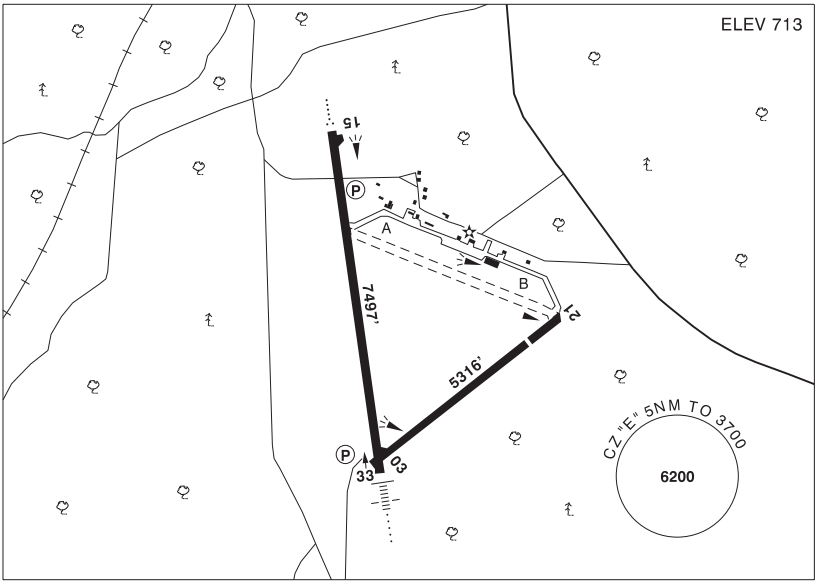
REF	N43 56 54 W81 16 19 2.5S 9°W UTC-5(4) Elev 1000´ A5000
OPR	D. Thompson 519-392-6988 Reg
PF	C-1,2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR	Rwy 18(177°)/36(357°) 2450x60 GRASS Opr No win maint. Soft in spring.
COMM ATF	tfc 122.8 5NM centred on Teeswater/Dent Field (CDF2) 2 NM N 4000 ASL
CAUTION	Hydro wires 600´ S of Thld 36. Bush 500´ N of Thld 18.



TERRACE VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



TERRACE BC CYXT



REF	N54 28 07 W128 34 42 3S 19°E (2014) UTC-8(7) Elev 713´ A5013 LO1 HI3 CAP
OPR	Terrace-Kitimat Aprt Society 250-635-2659 13-08Z‡ Cert
PF	A-1,2,3,6,7 C-4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) 1230-0400Z‡, 250-638-1564, O/T call out chg may be levied.
OIL	All
S	5 May 01-Oct 31
ARFF	DESIGNATED CAT 6 1330-0740Z‡ for scheduled commercial acft 20 seats & abv, other acft 2 hr PN 250-615-7636. Call out chg.
PVT ADV	Executive Flight Centre 250-638-1564 Fax 250-638-1589
MILCON	Executive Flight Centre Fuel 250-638-1564

TERRACE BC (Cont'd) CYXT

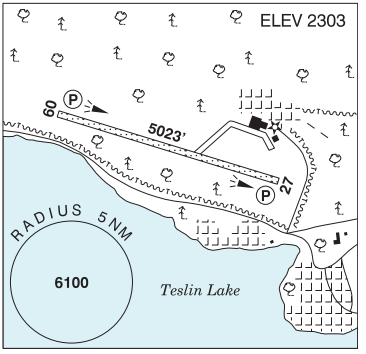
RWY DATA	Rwy 15(153°)/33(333°) 7497x148 ASPH Rwy 03(033°)/21(213°) 5316x148 ASPH Thld 21 displ 797' Rwy 21 down 0.69%
RWY CERT	Rwy 15 RVR 1200(1/4sm) Day only/Rwy 33 RVR 1200(1/4sm) Day only AGN IV Rwy 03/21 AGN IIIA
TWY CERT	Twy: A, B AGN IIIB
TWY	Twy B uncontrolled first 2000' fr apron
APRON	Tran acft must park in SE corner of Apron. Itinerant parking with tiedowns on grass May to Oct. N side main apron stands 1-3 are rstd to sked tfc only. All stands PPR. Itinerant pilot/pax access via pilot access door on E end of tml bldg. No access/egress via tml bldg facility is permitted. Exceptions require prior approval of aprt opr. Corporate itinerant prkg ctc Executive Flight Centre.
RCR	Opr Win maint 13-08Z‡ O/T 2 hrs PN 250-615-7636, cost recovery. Rwy 03/21 no win maint. Ltd hrs CRFI, PLR/PCN
LIGHTING	15-AO(TE HI) P2 3.5°, 33-AN(TE HI) P2 3.5° ARCAL-122.0 type K PAPI limitation/restriction. PAPI Rwy 33 to be used only within 2NM of thld.
COMM	
RADIO	122.0 PTC avbl (E) (emerg only 250-635-2110)
RCO	Pacific rdo 123.375(FISE) 126.7 (bcst)
MF	rdo 122.0 5NM 3700 ASL (CAR 602.98)
PAL	Vancouver Ctr 128.4 269.1
NAV	
NDB	XT 332 (M) N54 22 27 W128 35 04 KITIMAT ZKI 203 (M) N54 03 15 W128 40 12
DME	IXT 110.1 Ch 38 N54 27 39 W128 35 16
ILS	IXT 110.1 (Rwy 33) LOC reliable only within 10° either side of centerline.
PRO	Rgt hand circuits Rwy 33 (CAR 602.96). Ngt circuit pro, see VTPC.
CAUTION	Ngt ops not recommended unless all hazard bcns are oprg. Recommend that only pilots familiar with the local area use the aprt dur the hrs of darkness. Hi terrain reduces operational length of Rwy 33 PAPI. Displ thld 21 marked by hi vis barrels.

TERRACE FSS – RCO

Sandspit 122.3 (RAAS) 296.2 (RAAS) (N53 15 W131 48)

TESLIN YT CYZW

REF	N60 10 22 W132 44 38 Adj NW 19°E (2023) UTC-7 Elev 2303´ A5028 A5099 LO5 HI2 CAP RCAP
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
CARS	867-390-2525 Ltd hrs (see COMM) Fax 867-390-2528
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 18-24Z Oct 1-May 31; 15-01Z Jun 1-Sep 30; issue times: 18Z Oct 1-May 31; 15, 18Z Jun 1-Sep 30.
SERVICES	Fuel stor by permit only ctc opr
S	4,5,6

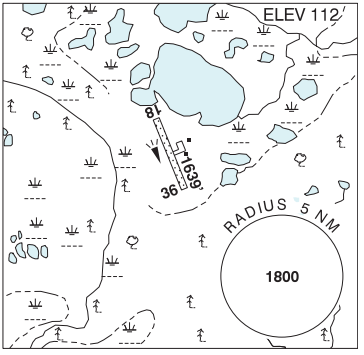


TESLIN YT (Cont'd) CYZW

RWY DATA RCR	Rwy 09(088°)/27(268°) 5023x100 GRVL Rwy 27 down 0.52% AGN IIIA CARS, dur CARS hrs ops (see COMM), ltd maint. Compacted snow/GRVL mix during win conds. Sfc may be soft dur freeze & thaw periods.
LIGHTING	09-(TE LO) P2, 27-(TE LO) P2 4° ARCAL-122.1 type J PAPI may require 3-5 min to activate via ARCAL in cold temperatures.
COMM MF APRT RDO	 aprt rdo ltd hrs O/T tfc 122.1 5NM 5400 ASL (CAR 602.98) 122.1 (V) 13-01Z Jun 1-Sep 30; 16-24Z Oct 1-May 31
PRO	Rgt hand circuits Rwy 09 (CAR 602.96).
CAUTION	Rwy sfc soft in spring & when wet. Frost heaves may occur in area 600´ fr thld Rwy 27.

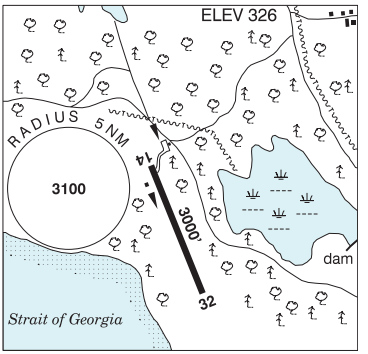
TÊTE-À-LA-BALEINE QC CTB6

REF	N50 40 28 W59 23 01 2.5SW 21°W (2012) UTC-4 Elev 112´ A5011
OPR	Transports Québec 581-221-1972 12-20Z Mon-Fri, 11-15Z Sun Cert
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA RWY CERT RCR	Rwy 18(179°)/36(359°) 1639x82 GRVL Rwy 18/36 AGN II Opr Snow removal 10-20Z Mon-Fri, 11-15Z Sun, O/T 3 hr PN 418-444-2144 PLR/PCN
LIGHTING	18-(TE ME), 36-(TE ME) ARCAL-123.5 type K
COMM ATF	 tfc 123.5 corridor see PRO section
PRO	Corridor tfc 123.5 aprx 30NM wide along the shore up to & including 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	Possibility of wildlife on rwy.

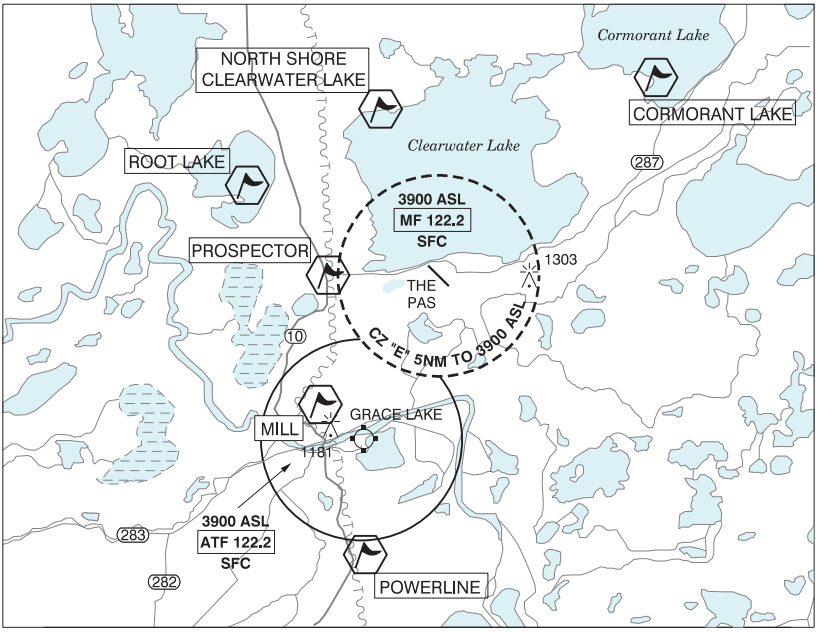


TEXADA / GILLIES BAY BC — CYGB

REF	N49 41 39 W124 31 04 1NW 17°E (2016) UTC-8(7) Elev 326´ A5004
OPR	Regional District of Powell River 604-485-2260 Reg
PF	A-7 C-2,4,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	4,5 ltd
RWY DATA **RCR**	Rwy 14(141°)/32(321°) 3000x75 ASPH Rwy 32 up 1.3% Resident caretaker 604-223-4530 ltd hrs ltd win maint
COMM **ATF**	tfc 122.7 2NM 2500 ASL
CAUTION	Unsked blasting at quarry NW of aprt. Wildlife in vic of rwy.



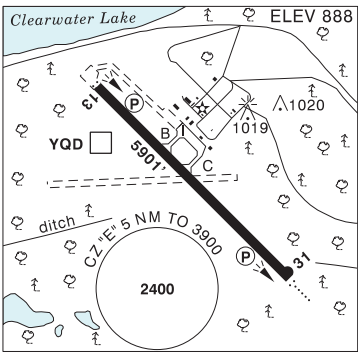
THE PAS VFR TERMINAL PROCEDURES CHART



THE PAS VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CORMORANT LAKE	VCORM	N54° 08' 00" W100° 49' 30"
MILL	VCMIL	N53° 51' 30" W101° 14' 18"
NORTH SHORE CLEARWATER LAKE	VCCWT	N54° 06' 12" W101° 11' 30"
POWERLINE	VCPWR	N53° 43' 42" W101° 11' 36"
PROSPECTOR	VCPSP	N53° 57' 42" W101° 15' 48"
ROOT LAKE	VCOOT	N54° 03' 00" W101° 23' 00"

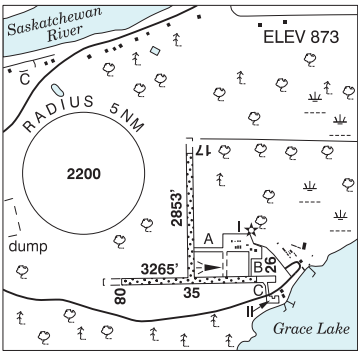
THE PAS MB CYQD



REF	N53 58 17 W101 05 28 10NE 6°E (2017) UTC-6(5) Elev 888´ A5016 LO1 LO3 HI4 CAP
OPR	Town of The Pas 204-624-5233 14-02Z‡ Mon-Fri, 14-24Z‡ Sat-Sun Cert
PF	A-1,6,7 D-2,3,4,5 Tml bldg opr 12-02Z‡ Mon-Fri, 14-00Z‡ Sat-Sun
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM). TAF H24, issue times: 01, 07, 13, 19Z WxCAM
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), SP Cardlock. 204-624-5233 or 204-627-9114
OIL	All
SUP FL	D-ice Type 1
JASU	10/15 28 VDC 1400 amps only
RWY DATA	Rwy 13(129°)/31(309°) 5901x150 ASPH
RWY CERT	Rwy 13/31 AGN IIIB
RCR	Opr 14-02Z‡ Mon-Fri, 14-24Z‡ Sat-Sun CRFI, PLR/PCN
LIGHTING	13-AS(TE ME) P2, 31-AO(TE ME) P2 ARCAL-122.2 type K
COMM	
RCO	Saskatoon rdo 122.2 (RAAS) 14-02Z‡ Edmonton rdo 123.55 (FISE) 126.7 (bcst)
MF	Saskatoon rdo 14-02Z‡ O/T tfc 122.2 5NM 3900 ASL (CAR 602.98)
PAL	Winnipeg Ctr 135.625
AWOS	124.7
NAV	
DME	YQD 113.6 Ch 83 N53 58 25 W101 06 00 (910´)
CAUTION	Daily radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1115Z-1345Z and 2315Z-0145Z.

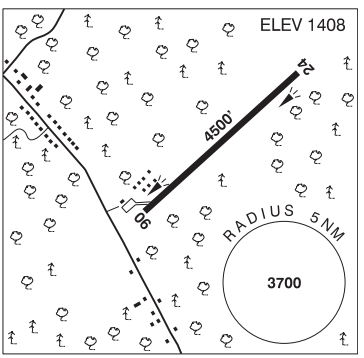
THE PAS / GRACE LAKE MB — CJR3

REF	N53 49 35 W101 12 19 Adj E 6°E (2020) UTC-6(5) Elev 873´ A5016 LO1 CAP
OPR	Beaver Air Services LLP 888-668-3822 Cert
PF	B-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL The Pas Flying Club 13-22Z‡ 204-623-7578/6544 O/T 204-623-7578 or 204-620-7105
OIL	All
RWY DATA	Rwy 08(083°)/26(263°) 3265x50 GRVL Rwy 08 down 0.35% Rwy 17(173°)/35(353°) 2853x65 GRVL
RWY CERT	Rwy 08/26 AGN I Rwy 17/35 AGN I
RCR	Opr A/D maint avbl 13-22Z‡ Mon-Fri exc hols O/T 2 hrs PN, call out chg. No win maint Rwy 17/35.
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM	
RCO	Edmonton rdo (The Pas) 123.55 (FISE) 126.7 (bcst) (may not be receivable on the gnd)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.2 5NM 3900 ASL
NAV	
DME	YQD 113.6 Ch 83 N53 58 25 W101 06 00 (911')
CAUTION	Extv bird activity during spring (Apr-May) and fall (Sep-Oct) migration. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.



THETFORD MINES QC — CSM3

REF	N46 03 08 W71 15 27 3.5SE 16°W (2012) UTC-5(4) Elev 1408´ A5002 LO6 LO8 CAP
OPR	Grondair Aviation 418-335-3121 Reg
PF	A-1,7,8 C-2,3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
SERVICES	14-22Z O/T Call out chg
FUEL	100LL, JA-1
OIL	W100, 15W50
S	4,6

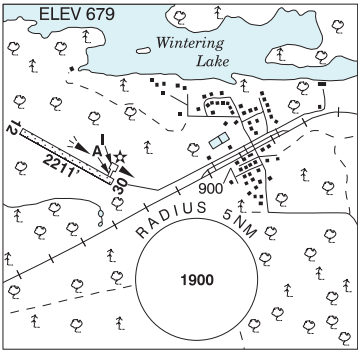


THETFORD MINES QC (Cont'd) CSM3

RWY DATA RCR	Rwy 06(062°)/24(242°) 4500x100 ASPH Rwy 06 down 0.49% Opr Ltd win maint
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-122.5 type J
COMM ATF	 UNICOM ltd hrs O/T tfc 122.8 5NM 4500 ASL
CAUTION	Rwy 06 tfc ptn, twr 1.1NM NW of A/D 2075 ASL. Fur farm aprx 9NM NNE of A/D Feb 1st - June 15 (see TC AIM RAC 1.14.1). Possible NORDO win maint eqpt on rwy.

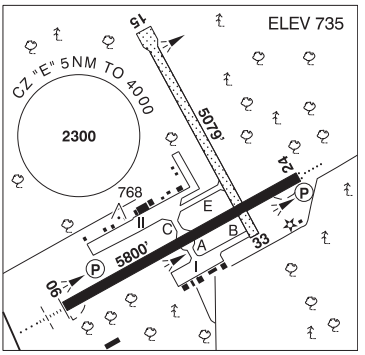
THICKET PORTAGE MB CZLQ

REF	N55 19 08 W97 42 28 0.8WSW 3°E (2013) UTC-6(5) Elev 679´ A5016 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-286-3157 Cert
PF	A-1 C-2,4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)



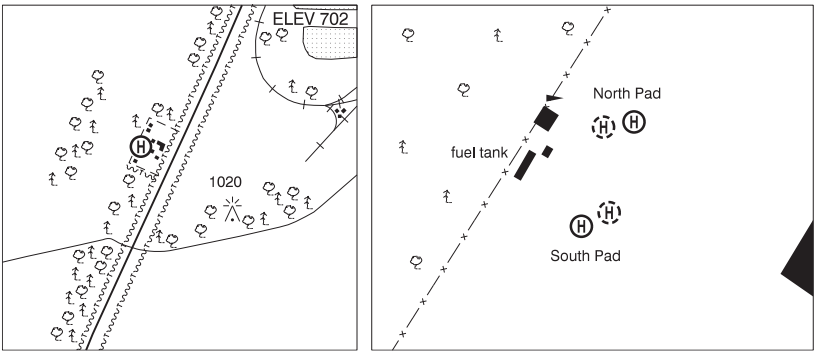
RWY DATA RWY CERT APRON RCR	Rwy 12(117°)/30(297°) 2211x78 crushed rock Rwy 30 down 1.4%. Rwy 12/30 AGN II Apron I: Ltd win maint APM 204-286-3278 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-286-3157
LIGHTING	12-(TE LO), 30-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM ATF	 UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

THOMPSON MB — CYTH



REF	N55 48 17 W97 51 45 3N 3°E (2014) UTC-6(5) Elev 735´ A5016 LO3 HI4 CAP
OPR	Thompson Regional Aprt Authority APM 204-677-0724 O/T 204-679-0295 Cert Ldg fees
PF	A-1,2,3,6 C-4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1, JB
OIL	All
S	1,2,3,4,5,6 O/T 1 hr PN for all call outs
SUP FL	D & A-ice
PVT ADV	Shell 122.95 call sign VXH74 204-677-2337, 1330-0030Z‡ Mon-Fri, 16-24Z‡ Sat & Sun O/T 204-679-1311
MIL CON	Shell 204-677-2337
RWY DATA	Rwy 06(058°)/24(238°) 5800x150 ASPH Rwy 15(148°)/33(328°) 5079x100 GRVL Rwy 33 up 0.67%
RWY CERT	Rwy 06/24 AGN IV Rwy 15/33 AGN IIIB
TWY CERT	Twy B AGN IIIB
APRON	Apron I: General Avn acft to park in designated locations on NW edge, W of twy A (no exceptions). Medevac and commercial charter acft to park on E portion, adj to aprt maint shop. De-icing, runups and eqpt staging to take place on E edge. Prkg fees applicable after 2 hrs. Acft parked in non-designated areas will be subject to extra fees.
RCR	OPR 204-677-0726 Mon-Fri O/T 204-679-0295 CRFI, Rwys maint 14-23Z‡ exc hols. O/T 1 hr PN for AMSCR and CRFI PLR/PCN
LIGHTING	06-AN(TE HI) P2, 24-AO(TE HI) P2, 15-(TE ME), 33-(TE ME)
COMM	
RADIO	122.5 (V) (emerg only 204-677-6979)
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)
ATIS	127.65
MF	rdo 122.5 5NM 4000 ASL (CAR 602.98)
PAL	Winnipeg Ctr 133.15
NAV	
VOR/DME	YTH 112.9 Ch 76 N55 48 40 W97 49 31 (777´)
DME	ITH 110.3 Ch 40 N55 47 56 W97 52 18 (748´)
ILS	ITH 110.3 (Rwy 06) RVR
PRO	Rgt hand circuits Rwys 15 & 24 (CAR 602.96).
CAUTION	Extv frost heaves on Apron I, on Rwy 06/24 at Twy A and Rwy 15/33 intxn & on Rwy 15/33 570 ft to 710 ft N of rwy intxns. Rwy 15/33 & Twy B not recommended for jet acft due to loose gravel.

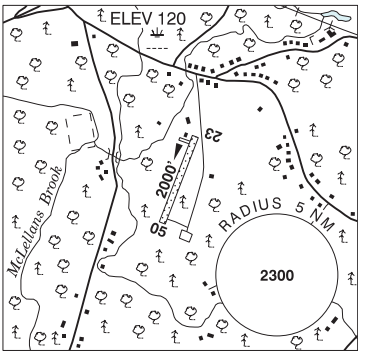
THOMPSON MB (Heli) CKM7



REF	N55 42 27 W97 53 29 1SSW 3°E (2014) UTC-6(5) Elev 702′ A5016
OPR	Manitoba Hydro 204-778-1340 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	JA
HELI DATA	North Pad: FATO 87' x 87' CONC TLOF 87' x 87' CONC Safety Area 120' x 221' Max heli overall length 57' Day only Parking Pad 33' dia South Pad: FATO 87' x 87' CONC TLOF 87' x 87' CONC Safety Area 120' x 221' Max heli overall length 57' Day only Parking Pad 33' dia
RCR	OPR
COMM	
ATF	Thompson rdo tfc 122.5 5NM centred on Thompson A/D 6.1NM N 4000 ASL
NAV	
VOR/DME	YTH 112.9 Ch 76 N55 48 40 W97 49 31 (777′)
CAUTION	Lgtd twr 1020 ASL (295 AGL) in proximity.

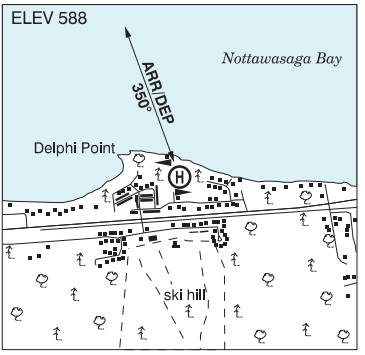
THORBURN NS — CCZ5

REF	N45 33 38 W62 35 41 2W 18°W (2015) UTC-4(3) Elev 120´ A5003
OPR	Scotia Pine 902-922-2470 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC ACC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES S	 4
RWY DATA RCR	Rwy 05/23 2000x40 GRVL Opr Ltd win maint
COMM ATF	 tfc 122.8 5NM 3100 ASL
CAUTION	Deep ditch 100´ fr button 05. High trees on apch to Rwy 05.



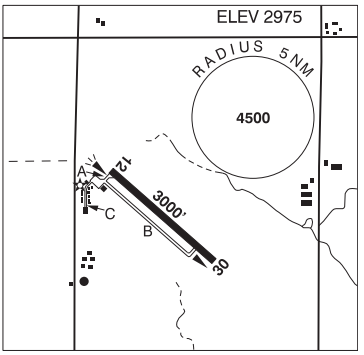
THORNBURY / FOSSIL BEACH (BLUE MOUNTAIN) ON (Heli) — CFB9

REF	N44 32 20 W80 22 33 3.5ESE 10°W (2023) UTC-5(4) Elev 588' A5000
OPR	MKCK Holdings 416-452-7811 Reg PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 82' x 82' CONC TLOF 30' x 30' CONC Safety Area 82' x 82' Max heli overall length 40.0' Opr
COMM ATF	 tfc 122.85 5NM 3600 ASL
PRO	Arr/dep 350° fr heli, day use only.



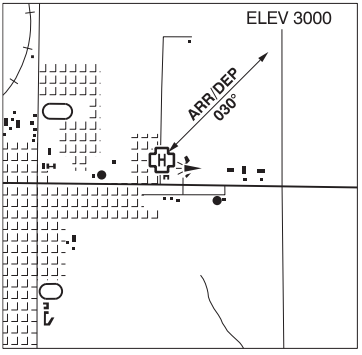
THREE BEARS LANDING AB — See COLD LAKE / THREE BEARS LANDING

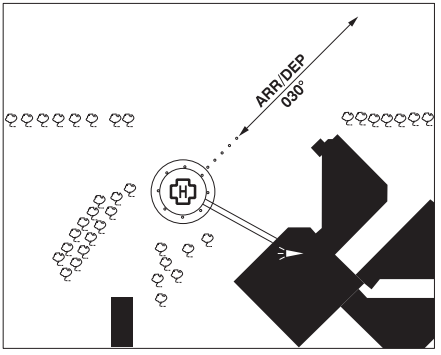
THREE HILLS AB CEN3



REF	N51 41 47 W113 12 34 2ESE 15°E (2012) UTC-7(6) Elev 2975´ VTA A5005 LO2 T1 CAP
OPR	Town of Three Hills 403-443-5822/2909 ext 209 Reg
PF	B-1 C-5 D-2,3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL
RWY DATA	Rwy 12(117°)/30(297°) 3000x75 ASPH Rwy 12 down 0.6% AGN II
TWY	Twy B rstd to 6000 lbs or less; width 18'
RCR	Opr Ltd maint 1500-2359Z‡ 403-443-8434/9363.
LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-123.2 type K Twy B unlgtd.
COMM	
ATF	tfc 123.2 5NM 6000 ASL
PRO	Rgt hand circuits Rwy 30 (CAR 602.96).
CAUTION	Extv flt tng activity in vic of A/D and within an arc of 20NM radius to the N and E of A/D. Frequent NORDO tfc. Three Hills Hosp heli 1.8NM W.

THREE HILLS (HOSP) AB (Heli) CFA8



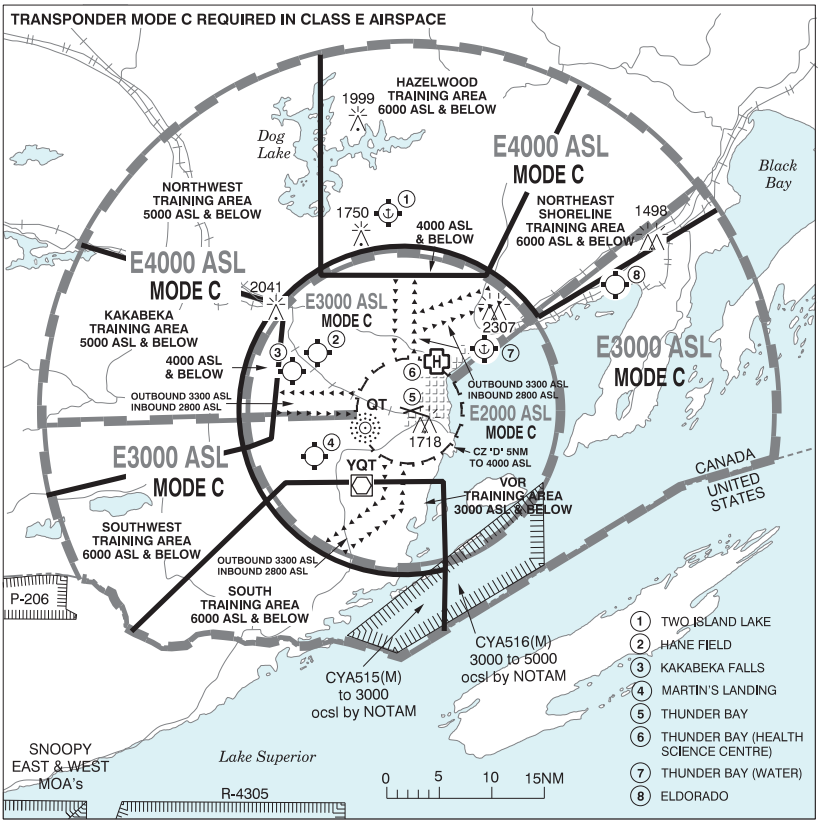


REF	N51 42 31 W113 15 07 Adj E 15°E (2013) UTC-7(6) Elev 3000´ VTA A5005
OPR	Alberta Health Services 403-443-2444 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526

THREE HILLS (HOSP) AB (Heli) (Cont'd) CFA8

HELI DATA	FATO 67' dia CONC/GRASS TLOF 50' dia CONC Safety Area 90' dia
	Max heli overall length 44.8' (CAR 602.96).
RCR	Opr
LIGHTING	DR RW(ME) yellow PN
COMM	
ATF	tfc 123.2 5NM centred on Three Hills A/D 1.8NM E 6000 ASL
PRO	Arr/dep 030° fr heli, slope 8% (H3) (CAR 602.96).
CAUTION	Trees adj S and SW to 40' AGL.

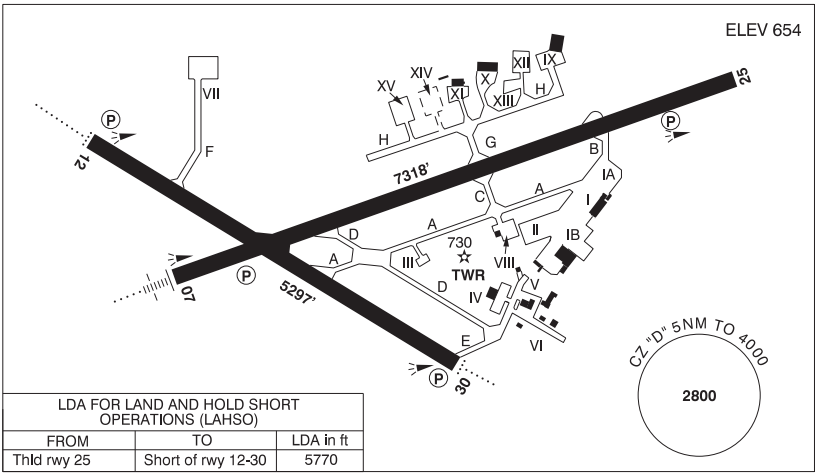
THUNDER BAY VFR TERMINAL PROCEDURES CHART



ARRIVALS
- Join arrival route as close as possible to starting point.
- Fly the route on the depicted track and altitude until advised by Thunder Bay Tower.

DEPARTURES
- Join departure route as close as possible to starting point.
- Fly the route on the depicted track and altitude.

THUNDER BAY ON — CYQT



LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)		
FROM	TO	LDA in ft
Thld rwy 25	Short of rwy 12-30	5770

REF	N48 22 19 W89 19 18 Adj SW 4°W (2014) UTC-5(4) Elev 654´ A5001 A5008 LO4 HI4 T2 CAP
OPR	Thunder Bay Intl Aprts Authority Inc (TBIAAI) 807-473-2600 1030-0500‡ Cert Ldg fees
PF	A-1,2,3,6,7 C-4,5
CUST	AOE/40 888-226-7277 13-05Z‡
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z. WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR 1030-0330Z‡
OIL	All & Turbo 35
S	1,2,3,4,5,6,7
ARFF	DESIGNATED CAT 7 11-05Z‡ O/T call out chg, ctc Duty Mgr 807-625-0595, aprt clsd to acft 20 seats & abv, exc for diversions or as an altn A/D without PPR.
SUP FL	LHOX
JASU	CE14
PVT ADV	Thunder Bay Flight Refuelling (World Fuel Services) 123.2 1030-0330Z‡ O/T 807-577-1178; Innotech-Execaire Aviation (Shell) 122.85 1030-0330Z‡ O/T 807-475-5915
MIL CON	SkyFill Aviation Refuelling Inc 807-475-5915

THUNDER BAY ON (Cont'd) CYQT

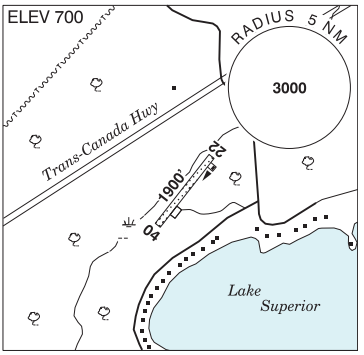
RWY DATA	Rwy 07(074°)/25(254°) 7318x148 ASPH Rwy 12(125°)/30(305°) 5297x150 ASPH RESA: 07/25 492' RESA: 12 321'; 30 492'
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IV Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IIIB
TWY CERT	Twy: A, C, D AGN IIIB
TWY	Twy E (NE of D) uncontrolled. Twy F extends for 173´ then changes to apron VII. Private, uncontrolled beyond hold line. Twy H: Private.
APRON	Apron I rstd to sked commercial air carrier by stand assignment only fr TBIAAI. Acft shall not taxi between ATB and pushed back acft. All sked acft shall be directed into prkg posn by Marshalling Services. Taxiing acft to remain on taxilanes. Uncontrolled. Apron II itinerant acft prkg. Uncontrolled. Aprons III, IV, VII, IX, X, XI, XII, XIII & XV private and uncontrolled. Aprons V, VI & VIII uncontrolled.
RCR	Opr 1030-0500Z‡ Nov 15-Apr 15, O/T 2 hr PN, call out chg. CRFI PLR/PCN Win maint 1030-0500Z‡.
LIGHTING	07-AN (TE HI) P2, 25-(TE HI) P2, 12-AD AS(TE ME) P2, 30-AD(non-std 1700´) AS(TE ME) P2
COMM	
RADIO	118.1 PTC avbl (E) 04-11Z‡ (emerg only 807-473-4311)
RCO	London rdo 122.375 (FISE) 126.7 (bcst)
ATIS	128.8
GND	121.9 11-04Z‡
TWR	118.1 (E) 11-04Z‡ (emerg only 807-473-5252) Admin/Supervisor 807-474-4245
MF	rdo 118.1 04-11Z‡ 5NM 4000 ASL (CAR 602.98)
ARR	119.2
DEP	119.2
PAL	Winnipeg Ctr 132.125
NAV	
NDB	QT 332 (M) N48 20 47 W89 26 02
VOR/DME	YQT 114.1 Ch 88 N48 15 14 W89 26 15 (1641´)
DME	YTV 117.8 Ch 125 N48 22 11 W89 19 48 (676')
ILS	IQT 109.5 (Rwy 07) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwys 25 & 30 (CAR 602.96). See CAP for NOISE & NIGHT restrictions. **ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for the following; - IFR tng and Photo Survey within Thunder Bay Class E Transponder Airspace - VFR tng conducting simulated holds and inst apch **VFR TRAINING PROCEDURES** - See VTPC
CAUTION	Heli flood lgts 30 AGL N side of apron II. Lgtd obst 746 ASL 0.5NM NE Thld 25 (intxn Thunder Bay Express Way & Arthur street). Terrain rises abruptly to 1600 ASL 2NM SE of A/D. Extv flt tng within 35NM W & N of CYQT CZ to 6000 ASL. Extv bird and wildlife activity in vic of A/D. Railroad tracks SW of A/D in close proximity.

THUNDER BAY FSS – RCO

Island Lake 122.2 (RAAS) (N53 51 W94 39)
Pickle Lake 122.2 (RAAS) 11-02Z (N51 27 W90 13)

THUNDER BAY / ELDORADO ON — CED8

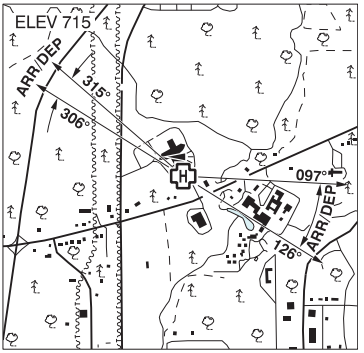
REF	N48 34 20 W88 49 00 20E 4ºW (2012) UTC-5(4) Elev 700' A5001 A5008
OPR	Brian Forsyth 807-626-4570 or 807-983-2673 Reg PPR
PF	C-1,2 D-3,4,5,6
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 04(042º)/22(222º) 1900x50 GRASS Rwy 22 down 1% Opr Ltd win maint



COMM ATF	 UNICOM Ltd hrs O/T tfc 123.0 3NM 3000 ASL
PRO	No training flt permitted at or above A/D.
CAUTION	Trees within 100' of centerline, 50 AGL, both sides. Trees on apch, both thlds. Rising terrain N & E. Wildlife (deer) in vicinity of rwy.

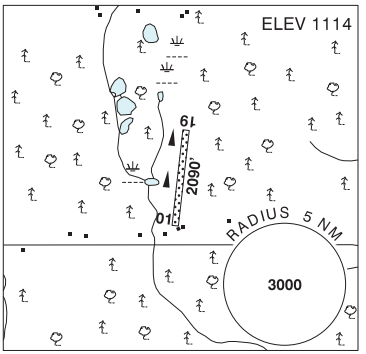
THUNDER BAY (HEALTH SCIENCE CENTRE) ON (Heli) — CTB2

REF	N48 25 24 W89 16 11 Adj 4°W (2016) UTC-5(4) Elev 715´ A5001 A5008
OPR	Thunder Bay Regional Health Science Centre 807-684-6100 ext 6509 Cert PPR
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO/TLOF 87' dia CONC Safety Area 116' dia Max heli overall length 57.5' Opr



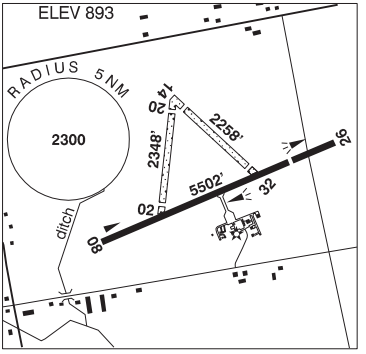
LIGHTING	RY(LO) Green
COMM RADIO RCO TWR MF	 Thunder Bay 118.1 (E) 04-11Z‡ (emerg only 807-473-4311) London rdo 122.375 (FISE) 126.7 (bcst) Thunder Bay 118.1 (E) 11-04Z‡ (emerg only 807-473-5252) Thunder Bay rdo 118.1 04-11Z‡ centred on Thunder Bay aprt 3.8NM SW 4000 ASL (CAR 602.98)
NAV NDB VOR/DME	 Thunder Bay QT 332 (M) N48 20 47 W89 26 02 Thunder Bay YQT 114.1 Ch 88 N48 15 14 W89 26 15 (1641´)
PRO	Arr/dep 097° to 126° fr heli, slope 8% (H3). Arr/dep 306° to 315° fr heli, slope 8% (H3). Day/night use.
CAUTION	Extv flt tng within 35NM W & N of CYQT CZ to 6000 ASL. Terrain rises abruptly to 1600 ASL 4.7NM S of heli.

THUNDER BAY (MARTIN'S LANDING) ON — CML5



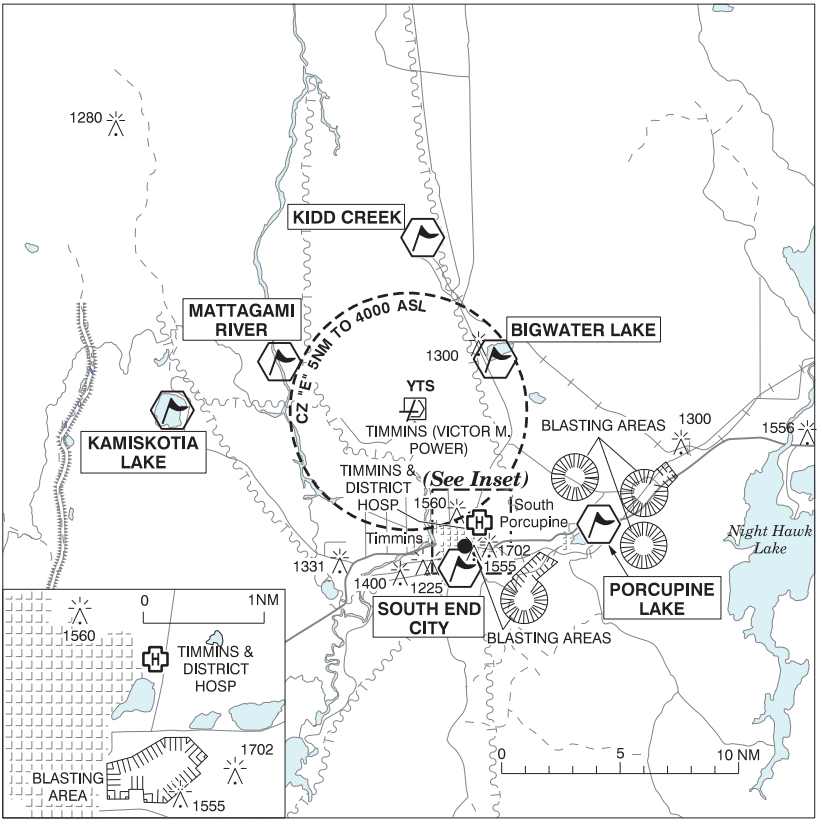
REF	N48 17 37 W89 32 36 14WSW 3°W (2016) UTC-5(4) Elev 1114' A5001 A5008
OPR	Richard A. Martin 807-344-0071 Reg PPR
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
OIL	20W50, 80, 100
S	1,4,5,6,7
RWY DATA	Rwy 01(010°)/19(190°) 2090x80 GRASS/SNOW
RCR	Opr Rwy soft when wet
COMM	
ATF	tfc 122.8 3NM 3200 ASL
PRO	Rgt hand circuits Rwy 01 (CAR 602.96). Circuit hgt 2100 ASL all runways.
CAUTION	Trees 50 AGL N & S of rwy

TILLSONBURG ON — CYTB



REF	N42 55 35 W80 44 49 3N 9°W UTC-5(4) Elev 893' A5000 LO6 HI5 CAP
OPR	Town 519-842-2929 1330-2130Z‡ O/T 519-532-4955 Reg
PF	A-1,2,7 B-6 C-3,4,5,6
CUST	AOE/15 888-226-7277 13-02Z‡; AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	Webcam
SERVICES	Clsd Dec 25, 26 & Jan 1. Call out chg may be levied for one or more svc.
FUEL	100LL, JA-1 SP Cardlock
OIL	100W, 100W plus, 15W50, 20W50 X/C, 20W50 type M
S	2,3,4,5
RWY DATA	Rwy 02(014°)/20(194°) 2348x75 GRASS Thld 02 displ 100' Thld 20 displ 100' Rwy 08(075°)/26(255°) 5502x100 ASPH Thld 26 displ 1000' AGN I Rwy 14(140°)/32(320°) 2258x75 GRASS Thld 14 displ 300' Thld 32 displ 100'
RCR	Opr Rwys 14/32 & 02/20 no win maint, may be soft during spring and when wet.
LIGHTING	08-(TE LO), 26-(TE LO) ARCAL-123.0 type J.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 3900 ASL
CAUTION	Trees east of Rwy 26.

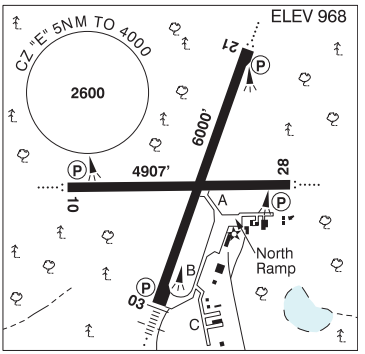
TIMMINS (VICTOR M. POWER) VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BIGWATER LAKE	VCBWL	N48° 36' 27" W081° 17' 00"
KAMISKOTIA LAKE	VCKMS	N48° 34' 00" W081° 38' 00"
KIDD CREEK	VCKDC	N48° 41' 00" W081° 22' 30"
MATTAGAMI RIVER	VCMTR	N48° 36' 00" W081° 30' 48"
PORCUPINE LAKE	VCPQP	N48° 29' 00" W081° 11' 00"
SOUTH END CITY	VCSTH	N48° 27' 30" W081° 20' 00"

TIMMINS (VICTOR M. POWER) ON — CYTS

REF	N48 34 14 W81 22 36 6NNW 11°W UTC-5(4) Elev 968´ A5009 LO4 LO7 HI4 CAP
OPR	City of Timmins 705-360-2636 10-03Z‡ Nov 1-Apr 30 1100-2130Z‡ Mon-Fri exc hols, 13-16Z‡ Sat-Sun & hols May 1-Oct 31 Cert Ldg fees
PF	B-1,2,3,6 C-4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo FISE or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 02, 08, 14, 20Z.

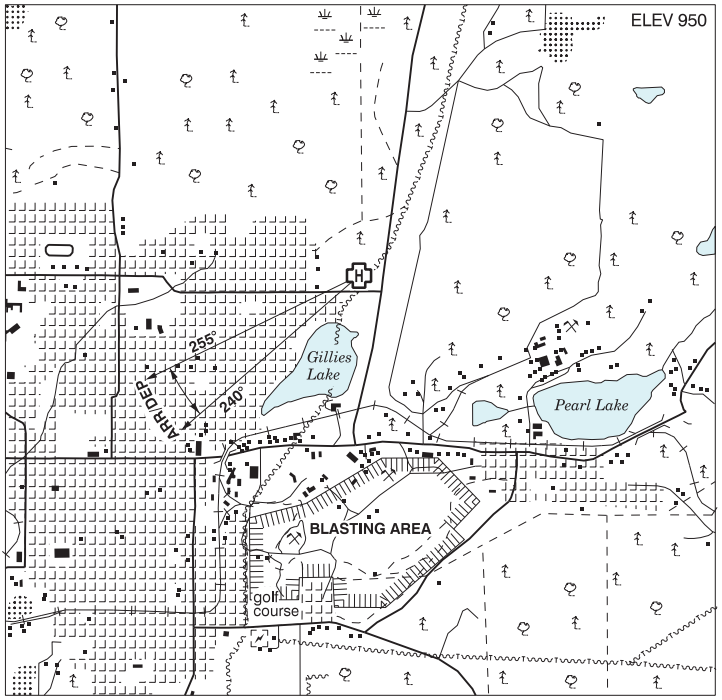


SERVICES	
FUEL	100LL, JA-1 (FSII avbl), HPR 10-01Z‡ Mon-Fri, 1130-2400Z‡ Sat-Sun O/T 1 hr PN 705-360-8888
OIL	All
S	1, 2, 3
SUP FL	D-Ice Type I & IV Air Creebec 705-264-9521. D-Ice Type I & A-Ice Type III Maintair Aviation Services Ltd. 705-262-4849
JASU	10/15
MIL CON	World Fuel Services 705-264-9521
RWY DATA	Rwy 03(031°)/21(211°) 6000x150 ASPH Rwy 10(101°)/28(281°) 4907x150 ASPH
RWY CERT	Rwy 03/21 AGN IV Rwy 10/28 AGN IV
TWY CERT	Twy C AGN II
RCR	Opr RSC/CRFI & Win maint avbl 10-03Z‡ O/T 4 hrs PN, call out chg. PLR/PCN
LIGHTING	03-AN(TE HI) P2, 21-AO(TE HI) P2, 10-AO(TE ME) P2, 28-AO(TE ME) P2
COMM	
RADIO	122.3 PTC avbl (E) (emerg only 705-264-6009)
RCO	London rdo 123.55 (FISE) 126.7 (bcst)
ATIS	124.95
MF	rdo 122.3 5NM 4000 ASL (CAR 602.98)
PAL	Toronto Ctr 128.3
NAV	
VOR/DME	YTS 113.0 Ch 77 N48 34 19 W81 22 12 (996')
ILS	ITS 109.7 (Rwy 03) RVR LOC reliable only within 10° either side of centreline.
PRO	Turn around bay on Thld 21 not to be used for holding. Non-sked and tran acft park on N Ramp.
CAUTION	Blasting ops SE of A/D up to 1486 MSL refer to VTPC, ctc London rdo. Porcupine Lake ATF area adj SE (ltd hrs 123.3 O/T 122.8 5NM 2000 ASL). Extv bird & wildlife activity in vic A/D.

TIMMINS FSS – RCO

Moosonee 122.5 (RAAS) 12-02Z‡ (N51 17 W80 38)
Muskoka 122.3 (RAAS) (N44 58 W79 18)

TIMMINS (TIMMINS & DISTRICT HOSP) ON (Heli) CTM6

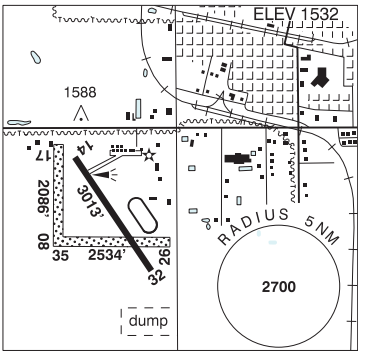


REF	N48 29 13 W81 18 49 Adj NE 11ºW UTC-5(4) Elev 950' A5009
OPR	Timmins and District Hospital 705-267-2131 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	86' dia ASPH 114' dia Max heli overall length 57.5' Opr
LIGHTING	RF(FL)
COMM **MF**	Timmins rdo 122.3 5NM 4000 ASL centered on Timmins aprt 5.6NM NNW (CAR 602.98)
PRO	Arr/dep 240º-255º fr heli, slope 8% (H3), day/night use.
CAUTION	Blasting ops aprx 0.9NM S of A/D up to 1486 ASL refer to Timmins VTPC, ctc London rdo.

TISDALE SK

CJY3

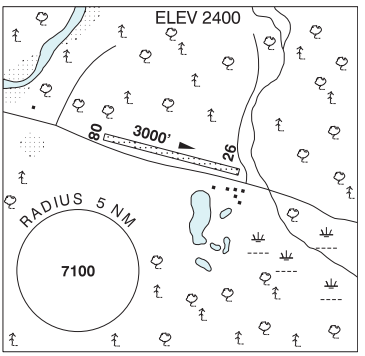
REF	N52 50 12 W104 03 58 Adj SW 9°E (2013) UTC-6 Elev 1532´ A5016 LO2 CAP
OPR	Town 306-873-2681 Reg
PF	B-1 C-2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL Self-serve Visa & Mastercard All 1,4,5,6
RWY DATA	Rwy 14(137°)/32(317°) 3013x75 ASPH AGN IIIA Rwy 08(081°)/26(261°) 2534x160 GRASS Rwy 08 down 0.84%. Rwy 17(171°)/35(351°) 2086x200 GRASS Rwy 35 down 0.72%.
RCR	No win maint Rwys 08/26 & 17/35.
LIGHTING	14-(TE LO), 32-(TE LO) ARCAL-122.8 type J
COMM ATF	 tfc 122.8 5NM 4600 ASL
CAUTION	Extv bird activity near thld. Rwy 32 vic of dump.



TOAD RIVER / MILE 422 (ALASKA HIGHWAY) BC

CBK7

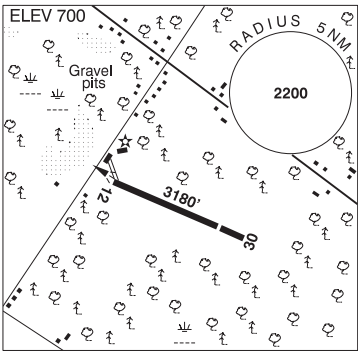
REF	N58 50 58 W125 14 24 Adj 19°E (2021) UTC-8(7) Elev 2400´ A5022 A5099
OPR	Toad River Community Club 250-232-5401 Reg PPR
PF	C-1,2,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08/26 3000x80 GRVL Opr No win maint
COMM ATF	 tfc 123.2 5NM 5400 ASL
CAUTION	Hi terrain all quads. P-line aprx 250' N of Thld 26 runs E-W 35 AGL



TOBERMORY ON

CNR4

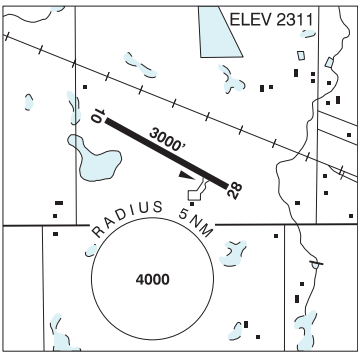
REF	N45 13 18 W81 37 43 2.2SE 9°W UTC-5(4) Elev 700´ A5000
OPR	Township of the North Bruce Peninsula 519-596-2898 Reg
PF	B-1 C-2 D-3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL	100LL All
RWY DATA RCR	Rwy 12(117°)/30(297°) 3180x60 ASPH Thld 30 displ 450´. Opr No win maint
LIGHTING	12-(TE LO), 30-(TE LO) ARCAL-122.8 type J
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
PRO	When departing Rwy 30 climb on rwy hdg to 1200 ASL BPOC.



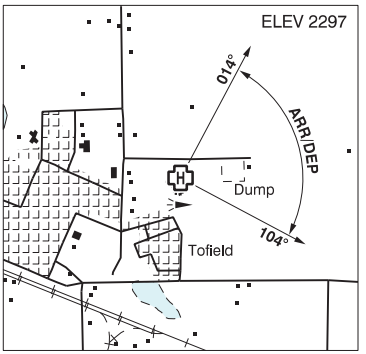
TOFIELD AB

CEV7

REF	N53 22 16 W112 41 48 Adj W 15°E (2012) UTC-7(6) Elev 2311´ VTA A5015
OPR	Town of Tofield 780-662-3269 Reg
PF	A-1 C-2,3,4,5
FLT PLN FIC ACC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES FUEL	100LL
RWY DATA RCR	Rwy 10(103°)/28(283°) 3000x75 ASPH Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5400 ASL
PRO	Rgt hand circuits Rwy 10 (CAR 602.96).
CAUTION	Model acft activity Apr 1-Sep 30.

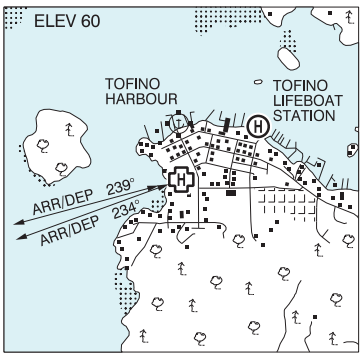


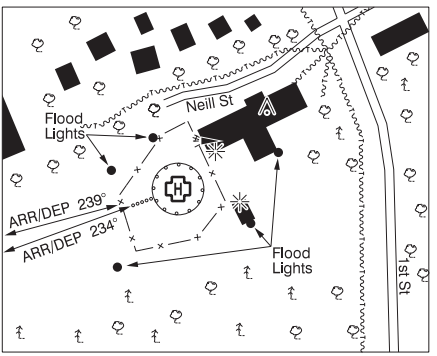
TOFIELD (HEALTH CENTRE) AB (Heli) CTF2



REF	N53 22 23 W112 39 02 Adj E 14°E (2014) UTC-7(6) Elev 2297´ VTA A5015
OPR	Alberta Health Services 780-662-3263 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 67' dia CONC/GRASS TLOF 39' dia CONC Safety Area 89' dia Max heli overall length 44.8' (CAR 602.96)
RCR	Opr
LIGHTING	RW(LO)
COMM	
ATF	tfc 123.2 5NM centred on Tofield land A/D 1.6NM W 5400 ASL
PRO	Arr/dep 014°-104° fr heli, slope 8% (H3) (CAR 602.96).
CAUTION	Lgtd twr 86 AAE 2383 ASL aprx 267' NW of heli. Bldg roof SSW 4 ft fr edge of Safety Area.

TOFINO (GENERAL HOSPITAL) BC (Heli) CBC8





REF	N49 09 04 W125 54 33 Adj 16°E (2019) UTC-8(7) Elev 60´ A5004
OPR	Island Health 250-725-2681 Cert NVIS OPS AUTH PPR
PF	B-1,4 C-2,3,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	DR LED RW (ME) green LED RF (FL) ARCAL-122.8 type K

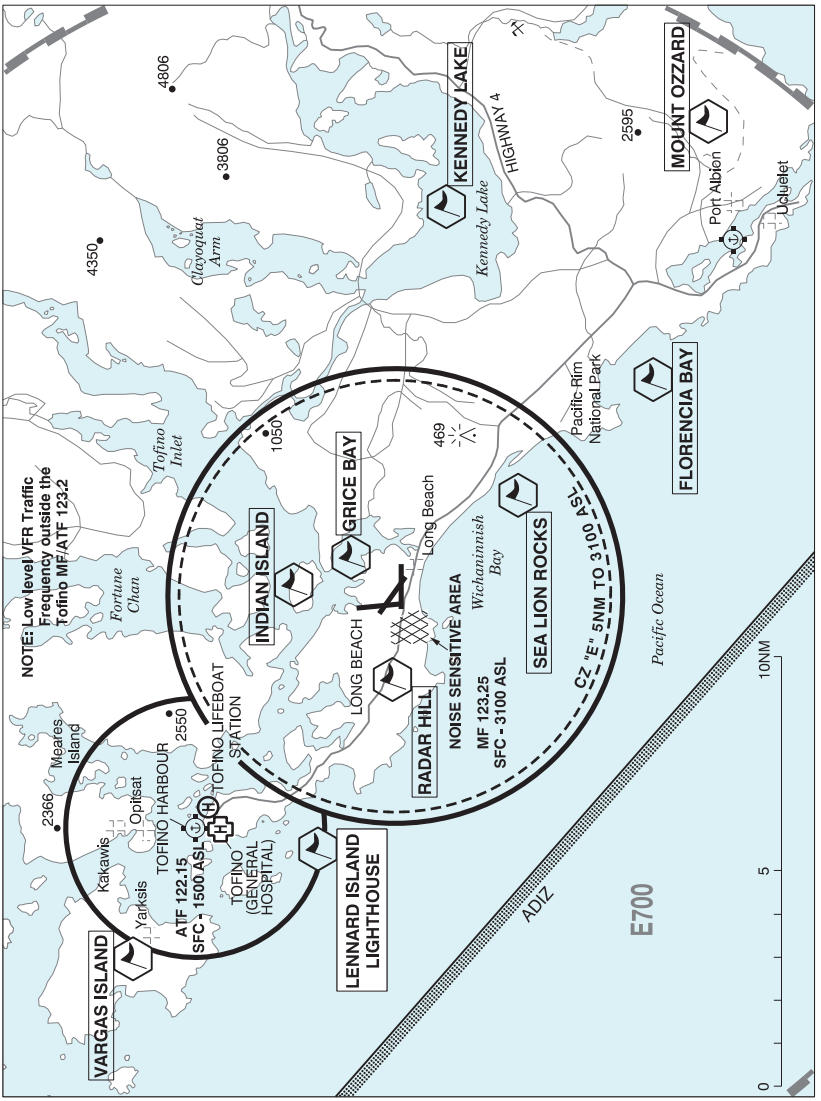
TOFINO (GENERAL HOSPITAL) BC (Heli) (Cont'd) CBC8

COMM	
ATF	Tofino Harbour tfc 122.15 3NM centred on Tofino Harbour water A/D 0.2NM NNW 1500 ASL exc area within Tofino CZ as depicted on Tofino VTPC
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 239° fr heli, slope 8% (H3) (CAR 602.96). Arr/dep 234° fr heli, slope 16% (H2) (CAR 602.96). NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Trees to 100 AAE adj N & S. Trees to 130 AAE 350' E. Unlgtd p-lines to 30 AAE adj N & to 57 AAE 300' E. Lgtd twr 426 ASL (160 AGL) 0.4NM ESE. Only pilots familiar with lcl terrain should use this heli during hrs of darkness.

TOFINO LIFEBOAT STATION BC (Heli) CBR7

REF	N49 09 16 W125 54 07 Adj ENE 17°E (2016) UTC-8(7) Elev 10´ A5004
OPR	Cdn Coast Guard 250-725-3231 Reg PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	54´ x 44´ wood
COMM	
ATF	Tofino Harbour tfc 122.15 3NM centred on Tofino Harbour water A/D 0.3NM WSW 1500 ASL exc area within Tofino CZ as depicted on Tofino VTPC.
CAUTION	Kayaks on shore and oprg within arr/dep area, be cautious with downwash.

TOFINO / LONG BEACH VFR TERMINAL PROCEDURES CHART



TOFINO / LONG BEACH VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
FLORENCIA BAY	VCFLO	N48° 59' 00" W125° 38' 35"
GRICE BAY	VCGRB	N49° 05' 55" W125° 44' 50"
INDIAN ISLAND	VCIIS	N49° 07' 05" W125° 45' 50"
KENNEDY LAKE	VCKLK	N49° 03' 55" W125° 32' 30"
LENNARD ISLAND LIGHTHOUSE	VCLIL	N49° 06' 38" W125° 55' 20"
MOUNT OZZARD	VCOZZ	N48° 57' 50" W125° 29' 30"
RADAR HILL	VCRDR	N49° 05' 00" W125° 49' 20"
SEA LION ROCKS	VCSEA	N49° 02' 00" W125° 42' 40"
VARGAS ISLAND	VCVRG	N49° 11' 45" W125° 59' 10"

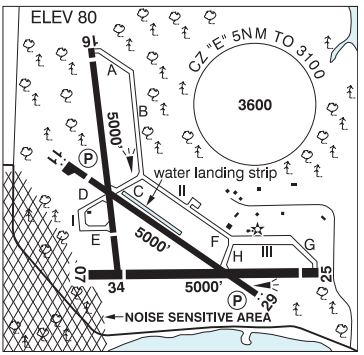
TOFINO / LONG BEACH BC CYAZ

REF N49 04 55 W125 46 21 6SE
17°E (2015) UTC-8(7) Elev 80´
A5004 LO2 HI3 CAP

OPR Alberni-Clayoquot Regional District Airport 250-720-2700, 250-725-3751
1600-0030Z‡ Mon-Fri exc hol Cert Ldg fees

PF B-1,6 D-2,3,4,5

FLT PLN
FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX METAR 15-01Z (DT 13-01Z) O/T LWIS TAF 17-01Z (DT 15-01Z), issue times: 17, 19Z (DT 15, 19Z).



SERVICES
FUEL 100LL, JA-1 Cardlock 24 hr emerg phone 250-266-1449

RWY DATA Rwy 16(158°)/34(338°) 5000x100 CONC Thld 16 displ 208´. Thld 34 displ 887´.
Rwy 11(109°)/29(289°) 5000x100 ASPH Thld 11 displ 500´.
Rwy 07(073°)/25(253°) 5000x150 CONC Thld 07 displ 735´. Thld 25 displ 358´.
RWY CERT Rwy 16/34 AGN IIIB
Rwy 11/29 AGN IIIB
Rwy 07/25 AGN IIIB
APRON Apron III: NW end of Apron for fixed wing and helicopter refuelling.
RCR Aprt ops 250-725-3751 Ltd win maint. PLR/PCN

LIGHTING 11-AS(TE ME) P1, 29-AS(TE ME) P1 ARCAL-123.25 type K

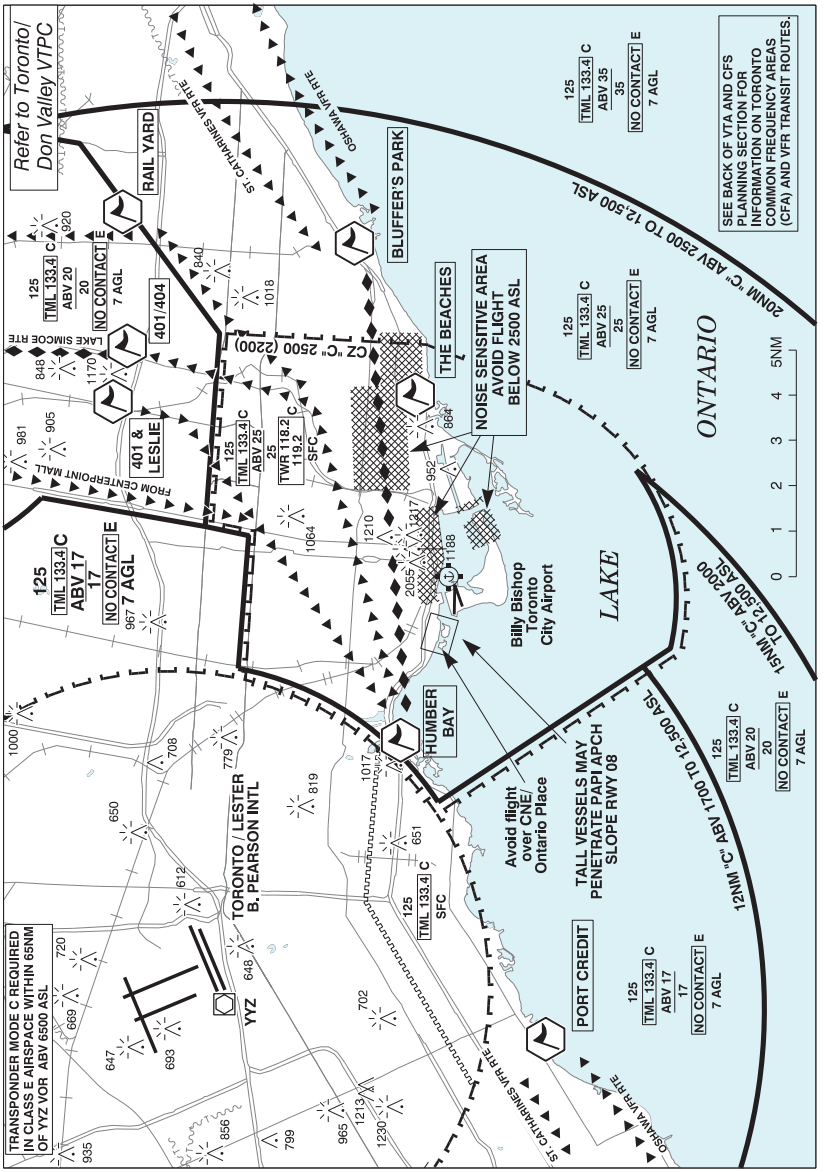
COMM For IFR clnc ctc Hardy rdo 1330-0530Z‡ O/T Pacific rdo
RCO Hardy rdo 123.25 PTC avbl (RAAS) 1330-0530Z‡
Pacific rdo 125.85 (FISE) 126.7 (bcst)
MF Hardy rdo 123.25 1330-0530Z‡ O/T tfc 5NM 3100 ASL (CAR 602.98)
PAL Vancouver Ctr 132.9 134.925 254.9

PRO PVT Water landing strip PPR Avoid overflight of noise sensitive area at less than 1000 AGL, see A/D sketch & VTPC

TOMMY KOCHON NT — See COLVILLE LAKE / TOMMY KOCHON

TOMVALE ON — See PLEVNA / TOMVALE

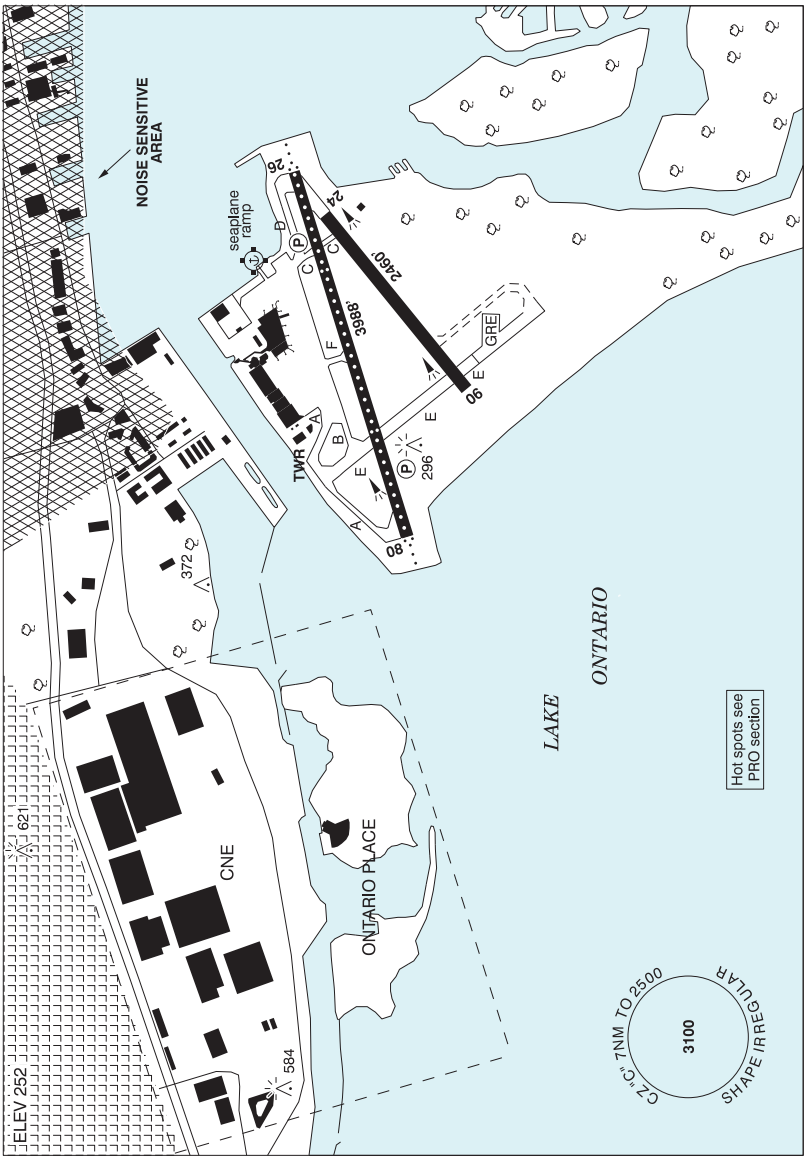
TORONTO / BILLY BISHOP TORONTO CITY AIRPORT VFR TERMINAL PROCEDURES CHART



TORONTO / BILLY BISHOP TORONTO CITY AIRPORT VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
401 / 404	VCFOF	N43° 46' 04" W79° 20' 00"
401 & LESLIE	VCLES	N43° 45' 58" W79° 21' 55"
BLUFFER'S PARK	VCBLF	N43° 42' 30" W79° 14' 00"
HUMBER BAY	VCHUB	N43° 37' 32" W79° 28' 34"
PORT CREDIT	VCPCR	N43° 33' 00" W79° 35' 00"
RAIL YARD	VCRYD	N43° 48' 10" W79° 15' 04"
THE BEACHES	VCBCH	N43° 39' 48" W79° 18' 24"

TORONTO / BILLY BISHOP TORONTO CITY AIRPORT ON — CYTZ



REF	N43 37 42 W79 23 46 Adj S 11°W UTC-5(4) Elev 252´ VTA A5000 LO6 T2 CAP RCAP
OPR	Toronto Port Authority 416-203-6942 Cert Ldg fees
PF	A-1,6 B-2,3 C-4,5

TORONTO / BILLY BISHOP TORONTO CITY AIRPORT ON (Cont'd) CYTZ

CUST	AOE/90 888-226-7277 13-05Z‡
FLT PLN	Pilots to open/ close VFR flt plan with London rdo 123.15 or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	Toronto 905-676-4590/4591/4592 or 888-217-1241
WX	METAR AUTO H24 (see COMM). TAF H24, issue times: 02, 08, 14, 20Z. WxCam
DUAT	Porter FBO
SERVICES	1145-0400Z‡ dly Ferry and pedestrian tunnel ltd hrs - no other access to aprt.
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,3
ARFF	DESIGNATED CAT 6 1145-0400Z‡, O/T call out chg 2 hr PN
PVT ADV	Stolport FBO 416-203-1144 130.57 1145-0400Z‡ Porter FBO 416-203-2424 123.35 1145-0400Z‡
RWY DATA	Rwy 08(082°)/26(262°) 3988x150 grooved ASPH Rwy 06(061°)/24(241°) 2460x100 ASPH
RWY CERT	Rwy 08 RVR 1200(1/4sm)/Rwy26 RVR 1200(1/4sm) AGN IIIA Rwy 06/24 AGN I
RCR	Opr 1145-0345Z‡ CRFI/RSC avbl ltd hrs. PLR/PCN
LIGHTING	06-(TE ME), 24-(TE ME) 08-AS(TE HI CL) P1 3.9°, 26-AZ(TE HI CL) AP 4.25° MEHT 63´ See CAUTION PAPI P1 apch Rwy 08 and APAPI apch Rwy 26. Rwys 08 & 26 - three white inset pre-thld centerline lgts. Two pairs of inset white lgts 1099' upwind of each thld mark. Yellow rwy edge lgts for final 1305' Rwy 26 and Rwy 08.
COMM	
ATIS	133.6 1130-0400Z‡
GND	121.7 1130-0400Z‡
TWR	City 118.2 119.2 (V) 1130-0400Z‡ (emerg only 416-973-9240)
ATF	tfc 118.2 0400-1130Z‡ within CZ 7NM SHAPE IRREGULAR 2500 ASL
ARR	Toronto 133.4
DEP	Toronto 133.4
AWOS	133.6 0400-1130Z‡
NAV	
DME	TORONTO CITY ITZ 110.15 Ch 38(Y) N43 37 38 W79 23 58 (296') ITZ DME unmonitored when twr clsd. DME not usable within 1.0 DME.
ILS	ITZ 110.15 (Rwy 08) Ch 38(Y) RVR. ITZ ILS unmonitored when twr clsd. LOC reliable only within 10° either side of centreline. ICR 110.15 (Rwy 26) RVR. ICR ILS unmonitored when twr clsd. LOC reliable only within 10° either side of centerline.
PRO	Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website. VFR Arrivals: Final apch Rwy 24 offset 10° S due bdgs to 625 ASL along lakeshore. Final apch Rwy 24 to be flown over water parallel to lakeshore til intercept of Rwy 24 centreline. Abv 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turns on Rwy 08/26 without perms 416-293-6942 Ext 17

TORONTO / BILLY BISHOP TORONTO CITY AIRPORT ON (Cont'd) CYTZ

PRO (Cont'd)

VFR FLIGHTS
All VFR acft should anticipate arr and dep instructions fr ATC.

ARRIVALS
- Acft entering CZ from over Lake Ontario to the S ctc Billy Bishop Toronto City **TWR 119.2**.
- Acft entering CZ via designated VFR routes ctc Billy Bishop Toronto City **TWR 118.2** when crossing Hwy 401 fr Centerpoint Mall, or at Leslie & 401, Humber Bay, or Bluffers Park VFR checkpoints.

DEPARTURES
- Acft departing the CZ to the northeast, not above 2000 ASL unless cleared to enter Class C airspace.
- Acft departing the CZ at Humber Bay not above 1700 ASL unless cleared to enter Class C airspace.
- Acft departing the CZ via Bluffer's Park not above 2500 ASL unless cleared to enter Class C airspace.

NOISE ABATEMENT

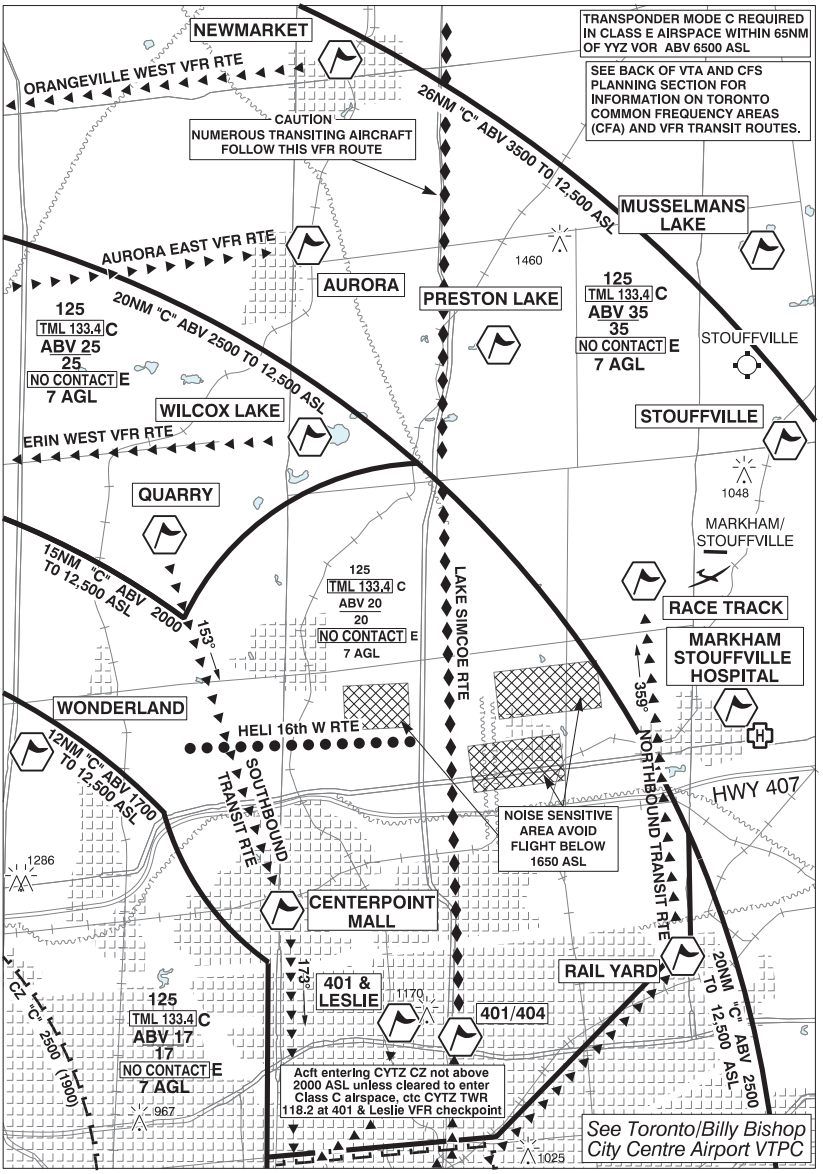
RESTRICTIONS
Pursuant to CAR 602.105, the following restrictions are in effect.
1. No arr/dep btwn 0400-1145Z‡ dly exc MEDEVAC & emerg.
2. All jet acft (exc MEDEVAC flts) and certain types of propeller acft are proh fr utilizing the aprt. Pilots should check with aprt ops prior to arr.
3. Rgt hand circuits Rwys 06, 08
4. Rotary wing acft are to conform to established circuit pattern, unless auth by ATC.
5. All pilots are rqrd to check with the Aprt Duty Mgr (ADM) prior to conducting any engine maint run-ups.
6. All pilots are encouraged to minimize the use of "reverse thrust" upon ldg, as long as flt safety is not jeopardised in any way.

PROCEDURES
Pursuant to CAR 602.105, the following procedures are in effect.
1. Pilots are requested to maintain 2000 ASL or above over Metropolitan Toronto Zoo (N43 49 05 W79 11 15).
2. Avoid overflight of noise sensitive areas, see Toronto/Billy Bishop Toronto City Airport VTPC for east VFR routing.
3. All arr/dep acft to avoid flt over CNE/Ontario Place. For details see Toronto/Billy Bishop Toronto City Airport VTPC and Toronto/Billy Bishop Toronto City Airport sketch.

CAUTION

Frequent banner towing activity over CNE in fixed pattern 1500 ASL and below.
Vessels up to 116' (362 ASL) in vic of final apch to all rwys.
PAPI P1 apch slope Rwy 08 will ensure clearance over tall vessels. DME/glide path antenna 296 ASL (45 AGL) at A/D, see sketch. APAPI Rwy 26 apch slope 4.25°. APAPI apch slope Rwy 26 will ensure clearance over vessels and chimney (N43 38 45 W79 19 59), 952 ASL (700 AGL) 2.6NM fr Thld 26. Secondary ERS subject to availability of ferry ops.
Wind turbine aprx 1NM W of aprt at CNE 584 ASL (323 AGL) N43 37 52 W79 25 29.
Extv bird activity on A/D.
Seapl ramp rstd to acft with max wt of 4000 lbs.
Flagpole 372 ASL (121 AGL) located 0.4NM N of Thld Rwy 08.

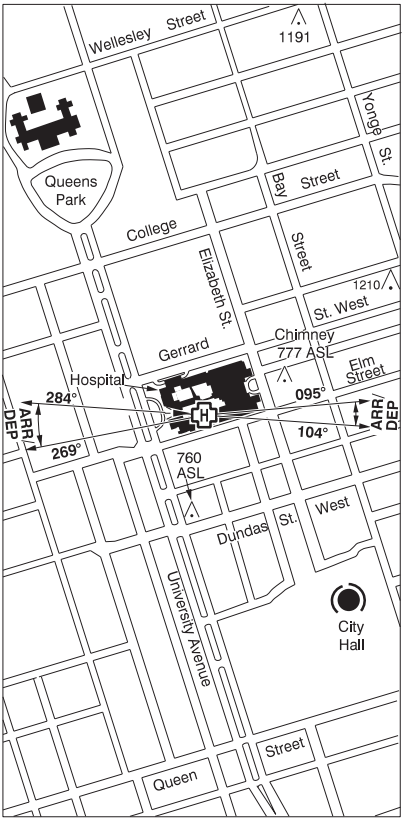
TORONTO / DON VALLEY VFR TERMINAL PROCEDURES CHART

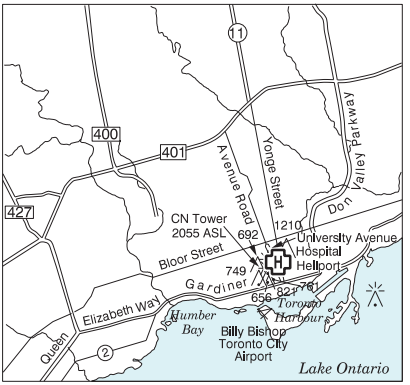


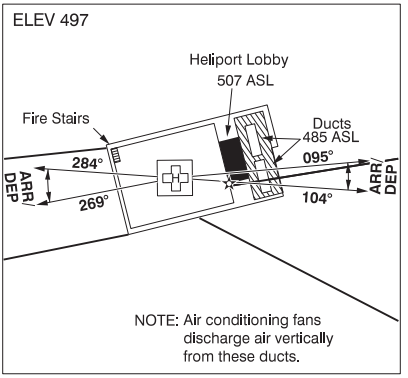
TORONTO / DON VALLEY VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
401/404	VCFOF	N43° 46' 04" W79° 20' 00"
401 & LESLIE	VCLES	N43° 45' 58" W79° 21' 55"
AURORA	VCAUR	N44° 00' 00" W79° 28' 00"
CENTERPOINT MALL	VCCPM	N43° 47' 44" W79° 25' 18"
MARKHAM STOUFFVILLE HOSPITAL	VCWTR	N43° 53' 12" W79° 14' 42"
MUSSELMANS LAKE	VCMUS	N44° 02' 00" W79° 16' 42"
NEWMARKET	VCNMT	N44° 03' 00" W79° 28' 00"
PRESTON LAKE	VCPRT	N43° 59' 12" W79° 22' 48"
QUARRY	VCQAR	N43° 53' 50" W79° 29' 26"
RACE TRACK	VCRTK	N43° 55' 26" W79° 17' 39"
RAIL YARD	VCRYD	N43° 48' 10" W79° 15' 04"
STOUFFVILLE	VCSTF	N43° 58' 00" W79° 15' 00"
WILCOX LAKE	VCWLZ	N43° 56' 54" W79° 26' 06"
WONDERLAND	VCWND	N43° 50' 30" W79° 32' 30"

TORONTO (HOSP FOR SICK CHILDREN) ON (Heli) CNW8

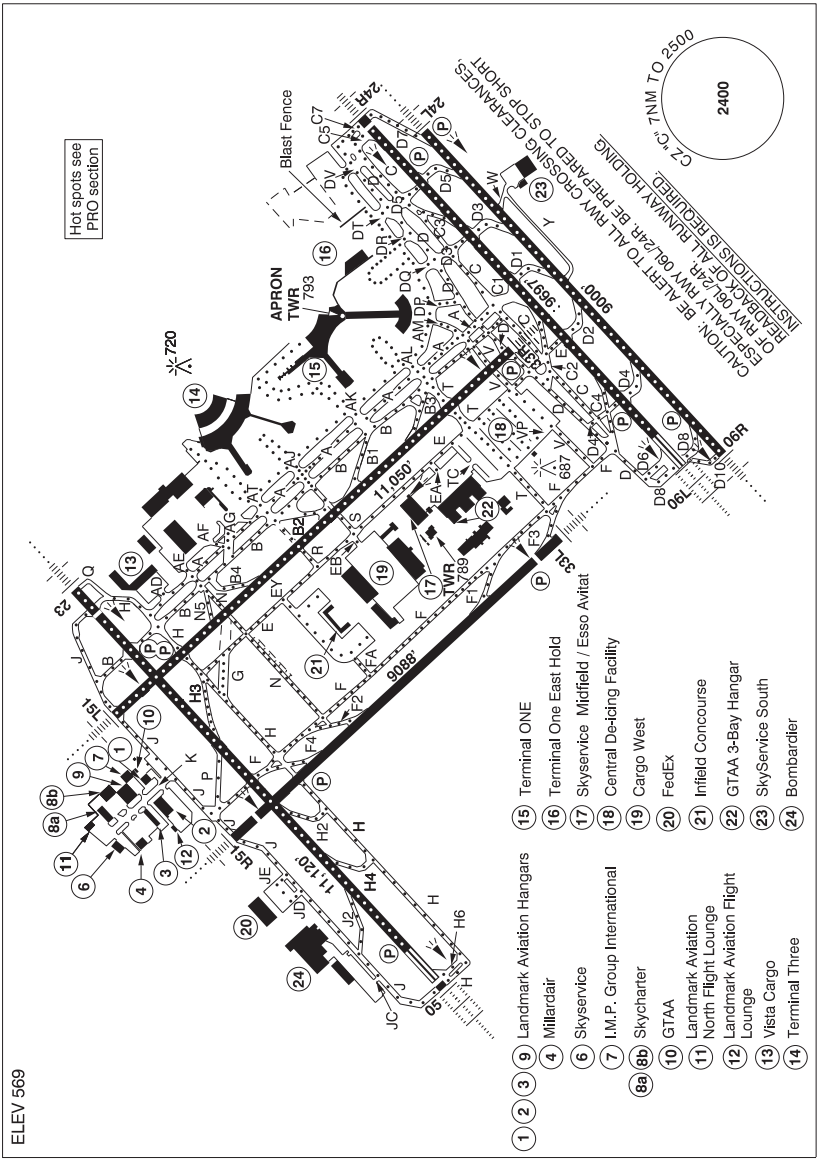






REF	N43 39 25 W79 23 16 10°W (2016) UTC-5(4) Elev 497′ VTA A5000
OPR	Hosp for Sick Children 416-813-5599 Cert PPR
PR	B-1
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86’ dia CONC Safety Area 115’ dia 33,000 lbs Max heli overall length 57.4′
LIGHTING	RW(LO) Green LED
COMM **TWR** **A/G**	 Toronto 118.35 118.7 City 118.2 119.2 129.275
PRO	Arr/dep 095° to 104° fr heli (H1), day/night use. Arr/dep 269° to 284° fr heli (H1), day/night use. All acft to park with exhaust facing N due to intake fans on S side of bldg. Ctc Ornge Dispatch at 800-387-4677 for ctl access of all medical flights.
CAUTION	Due to proximity of vestibule to FATO edge, acft maneuvering off-centre of FATO may not be provided suitable obst clearance. Pilots are advised to assess obst clearance bfr heli use.

TORONTO / LESTER B. PEARSON INTL ON — CYYZ



REF	N43 40 34 W79 37 50 Adj W 10°W UTC-5(4) Elev 569´ VTA A5000 LO6 HI5 T2 CAP OC
OPR	Greater Toronto Airports Authority 416-776-3056 www.torontopearson.com/en H24 Cert Ldg fees
PF	A-1,2,3,5,6,7 C-4

TORONTO / LESTER B. PEARSON INTL ON (Cont'd) CYYZ

CUST	AOE 888-226-7277 General aviation aircraft must clear customs at the fixed base opr of their choice. Ramp charges may apply.
FLT PLN	Pilots to open/close VFR Flt Pln with London FIC via phone or London rdo 123.275 when practicable.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18 & 21Z.
ACC	Toronto 905-676-4590/4591/4592 or 888-217-1241. Flt pln by Fax at 905-676-5044 & include phone numbers where pilot can be reached prior to dep.
DUAT	Esso Avitat; Landmark Aviation; Skycharter
SERVICES	
FUEL	JA, JA-1 (FSII avbl), JB, HPR
OIL	All
S	1,2,3
ARFF	DESIGNATED CAT 9
SUP FL	D & A-ice, LHOX
JASU	CE16
PVT ADV	Landmark Aviation 122.95 H24; Skycharter Ltd 129.75 1130-08Z‡ Skyservice/Esso Avitat 128.95 H24
MIL CON	Signature Flight Support (Shell) 905-677-5777

TORONTO / LESTER B. PEARSON INTL ON (Cont'd) CYYZ

RWY DATA	Rwy 15L(147°)/33R(327°) 11,050x200 ASPH Rwy 15R(147°)/33L(327°) 9088x197 ASPH Thlds 15R & 33L displ 588 Rwy 05(057°)/23(237°) 11,120x200 ASPH Thld 05 displ 135´ Thld 23 displ 686´ Rwy 06L(057°)/24R(237°) 9697x197 ASPH Thld 24R displ 197´ Rwy 06R(057°)/24L(237°) 9000x197 ASPH RESA: All Rwys 492' Departures from holding bay inner centerlines Rwy 06L/D6, 24R/C5 and 05/H6 subtract 263´ from declared distances.
RWY CERT	Rwy 15L RVR 1200(1/4sm)/Rwy 33R RVR 600 AGN V Rwy 15R RVR 1200(1/4sm)/Rwy 33L RVR 1200(1/4sm) AGN V Rwy 05 RVR 600/Rwy 23 RVR 1200(1/4sm) AGN V Rwy 06L RVR 600/Rwy 24R RVR 1200(1/4sm) AGN V Rwy 06R RVR 1200(1/4sm)/Rwy 24L RVR 1200(1/4sm) AGN V
TWY CERT	Twy JC AGN II Twy K AGN IV Twy: W, Y AGN IIIB
TWY	Twy D4, D5 south of rwy 06L/24R: Angled rwy hold positions in effect. Twy K is uncontrolled & is rstd to acft with wingspans 41.15m/135´(B757W) or less & an Aircraft Load Rating of 9.0 or less. Other acft may be auth with prior appr from opr. Design spd for C2, B2, H3, D1, D2, D3, D4, D5, D7 & D8 is 50 kt (93 kph). Design spd for J2, F1, F2, F3 & F4 is 45 kt (85 kph). All other rapid exits designed for an exit speed of 35 kt (65kph). Normal Rwy 23 deps are from Twy "H". Rwy 23 deps do not enter Twy "Q" without specific clearance from ATC. Acft requiring full length must notify gnd ctl on initial contact. During CAT II/III arrivals 05 departures shall be from H6 Twys W & Y rstd to acft with wingspans less than 36m.
APRON	At all T1, T1 East Hold, T3, Infield & FedEx Apron/Parking areas, all acft must contact the applicable Apron Advisory prior to engine start at gate, pushback or taxi. Fedex Apron rstd to acft with wingspans 51.9m/170' or less. Taxilane between 3C and 4C rstd to acft with wingspans less than 36m. Wingspans of 64.9m/213' permitted to Gate C27 Code E. Asphalt apron sfc E of positions 5G and 6F to 101A rstd to acft with wingspans 28.4m/93´ (DH8-400) or less & an acft load rating of 9.0 or less. Outer/East loop btwn 7E-8E rstd to acft with wingspans less than 36m and Inner/East loop btwn 7D-8D rstd to acft with wingspans 79.9m/262' or less. Simultaneous use of lane 7 & 8 max wingspan 64.9m/213' Code E. Outer/North loop btwn 9C-9D-10D-10C restricted to acft with wingspans less than 36m. Strict adherence to Taxilane centreline required between DR and DV and on Taxilanes 10 through 12. Taxilane 10 rstd to aircraft with wingspans 36m/118' or less. Refer to CAP parking areas (Terminal 1 and Terminal 1 East Hold) for details. Proceed only to gates assigned by Apron Advisory. Bombardier Apron: Pvt
RCR	Opr CRFI, PLR/PCN
LIGHTING	05-AL(TE HI A TDZL) P3, 23-AN(TE HI A) P3 06L-AL(TE HI A TDZL) P3, 24R-AW AS(TE HI A) P3 06R-AN(TE HI A) P3, 24L-AN(TE HI A) P3 15R-AN(TE HI) P3, 33L-AN(TE HI) P3 15L-AN(TE HI A) P3, 33R-AN(TE HI A) P3

TORONTO / LESTER B. PEARSON INTL ON (Cont'd) CYYZ

COMM

RCO	London rdo 123.275 (FISE)
ATIS	120.825 133.1
CLNC DEL	121.3 all dep acft ctc clnc del dur 12-04Z‡
APRON ADV	North apron 122.275 (122.825) South apron 122.075 (122.825) A-CDM Coordinator 122.875 (122.825) Apron Tow Coordinator 136.525 FedEx, Infield Concourse, Cargo West 122.275 (North apron), Skyservice/Avitat, 3 Bay Hgr Aprons 122.075 (South apron).
GND	119.1 121.65 121.9
TWR	Toronto 118.35 118.7 (E) (emerg only 905-676-3588)
ARR	124.475 125.4 132.8
DEP	127.575 128.8
VFR ADV	119.3 133.4

NAV

VOR/DME	YYZ 112.15 Ch 58(Y) N43 39 29 W79 37 53 (561´) PEARSON YTP 116.55 Ch 112(Y) N43 40 18 W79 39 50 (595´)
DME	IDP 111.95 Ch 56(Y) N43 39 41 W79 37 12 (552´) IJS 109.1 Ch 28 N43 39 44 W79 37 10 (551´) INV 109.3 Ch 30 N43 40 33 W79 35 58 (565´) ITO 110.95 Ch 46(Y) N43 40 13 W79 38 03 (572´)
ILS	ICV 111.95 (Rwy 06R) RVR LOC reliable only within 10° either side of centreline; IDP 111.95 (Rwy 24L) RVR LOC reliable only within 10° either side of centreline; IJS 109.1 (Rwy 06L) RVR LOC reliable only within 10° either side of centreline; ILP 110.95 (Rwy 15R) RVR LOC reliable only within 10° either side of centreline; INV 109.3 (Rwy 24R) RVR LOC reliable only within 10° either side of centreline; ITO 110.95 (Rwy 33L) RVR LOC reliable only within 10° either side of centreline; ITX 109.7 (Rwy 05) RVR LOC reliable only within 10° either side of centreline; ILE 110.3 (Rwy 33R) RVR LOC reliable only within 10° either side of centreline; IRW 110.5 (Rwy 15L) RVR LOC reliable only within 10° either side of centreline; IYZ 111.5 (Rwy 23) RVR LOC reliable only within 10° either side of centreline

TORONTO / LESTER B. PEARSON INTL ON (Cont'd) CYYZ

RESTRICTIONS

OPERATING RESTRICTIONS

The following restrictions are in effect:

1. All acft oprg on a scheduled and repetitive basis to/fr the A/D are rqrd to obtain a slot for all ops.
2. Training flights are not permitted in the Toronto Control Zone from 0000-0700 local time. For other times, prior permission is required from National Traffic Management Unit (FLOW CTL) 800-268-4831 or 905-676-3528.
3. All maintenance runs/runups must be conducted in accordance with GTAA APRON & MAINTENANCE RUN PROCEDURES (avbl from opr-tel 416-776-3056). Upon approval contact Apron Coordinator frequency.
4. Airport Reservation Office (ARO) procedure for all General Aviation and Business Aviation acft oprg IFR & VFR flights. Operators must file a dep and arr reservation thru the Online Coordination System (OCS). Ctc ARO at 416-776-7568 or 1-800-267-7568 H24. More info avbl on www.torontopearson.com/aro

NOISE ABATEMENT RESTRICTIONS

Pursuant to CAR 602.105 and CAR 602.106, the following restrictions are in effect:

1. Noise abatement pro apply to all acft, (VFR & IFR) wx permitting 04-12Z‡.
2. Arrivals and departures of acft are rstd as per the table below:

Aircraft	Restricted Hours - local time
Noise Certification or Type	**Arrivals & Departures**
I All non-noise certificated jet aircraft	2000 - 0800
II All ICAO annex 16, vol 1 chapter 2 & equivalent aircraft	0000 - 0700
III All ICAO annex 16, vol 1 chapter 3 & equivalent aircraft (subject to paragraph 4 or 5)	0030 - 0630
IV All other aircraft (subject to paragraph 4 or 5)	0030 - 0630

a) Non-noise certificated jet powered acft are prohibited from departing on Runways 05, 06L, 06R, 15L, 15R and 33L.

b) Between 0000 and 0630 local time, departures are prohibited on Rwys 05, 06L, 06R, 15L and 15R and arrivals are prohibited on Rwys 24R, 24L, 23, 33R, 33L and 15R unless assigned by ATC.

c) All acft operating on a scheduled and repetitive basis are rqrd to obtain an extension or an exemption to opr dur the rstd hrs. Submit req for oprg ext on the day of ops to the GTAA with justification at 416-776-3480 or 1-800-267-SLOT (7568), (fax 416-776-5552). For advance exemption requests or information, make submission in writing to the Manager, Slots & Capacity Allocation, Greater Toronto Airports Authority, Toronto Pearson International Airport, P.O. Box 6031, Toronto AMF, Ontario, L5P 1B2 (fax 416-776-3483).

d) **All other oprs are rqrd to obtain permission to opr dur the rstd hrs** by contacting the GTAA on the day of operation at 416-776-3480 or 1-800-267-SLOT (7568), (fax 416-776-5552).

3. VFR acft 04-12Z‡: climb rwy hdg to 3600 ASL. When wx does not permit climbing to 3600 ASL, climb rwy hdg to max alt allowed by rules for VFR flt in controlled airspace.

TORONTO / LESTER B. PEARSON INTL ON (Cont'd) CYYZ

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

IFR CLEARANCE ACKNOWLEDGEMENT

Acknowledgment of IFR clncs with Toronto twr clnc del shall include the acft call sign, transponder code & name of SID pro that was assigned in the IFR clnc.

When informed by ATIS or by the arr controller that simultaneous ILS apchs are in progress, pilots shall advise the arr controller immediately of any avionics unsvc or if unable to comply. In VFR wx acft may be vectored to intercept the lczr at a point above the GP.

Clnc to opr within the Toronto class C airspace will only be given to acft equipped with functioning transponder & mode C unless prior approval obtained from ATC 905-676-4509 (IFR acft) or 3589 (VFR acft).

Multilateration: Pilots must keep their transponder on at all times when maneuvering on the aprt, turned on prior to brake release and on arrival, on until final engine shutdown. Pilots that do not have a transponder code issued by ATC must squawk 1000 when taxiing.

CROSSWIND CONDITIONS

Anticipate landing 05/23 & 06L/24R in crosswinds up to 30 kt at 90°.

DURING SNOW CLEARING OPERATIONS

Acft should be prepared to dep from any rwy (incl 06L & 06R).

DE-ICING OPERATIONS

CENTRAL DE-ICING FACILITY (CDF)

OVERVIEW

All de-icing ops are performed with acft engines oprg, unless otherwise advised by Pad Control or ICEMAN.

Pad 1 & 5

- Centre lane will accommodate all acft.
- Acft with wingspans less than 36m may use North/South lanes.

Pad 2, 3, 4 & 6

- Centre lanes will accommodate acft with wingspans 64.9m/213ft and smaller.
- Acft with wingspans less than 36m may use North/South lanes.

1. Prior to departing Parking Position, ctc CLNC DEL/APRON/GND (as applicable) and advise, "ACFT DE-ICING REQUIRED".
2. On Twys T,V and E, hold short of ICE# and when directed by Ground Control monitor Pad Control on 131.17. Follow Pad Control taxi instructions to the entrance of the de-icing pad.
3. When directed by Pad Control ctc ICEMAN on the assigned freq (129.62 or 131.37).
4. Follow verbal instructions, guidance displays and lights (as applicable) into staging and/or de-icing bays.
5. Once acft is in final stop position, brakes are set and acft configured for de-icing, ctc ICEMAN and advise, "BRAKES SET, ACFT CONFIGURED, READY TO DE-ICE". At this time, pass along any specific fluid and/or treatment requirements.
6. After de-icing, do not move acft. Ctc Pad Control on 131.17 when instructed by ICEMAN to obtain taxi instruction.
7. Follow Pad Control instruction to designated exit points. When instructed by Pad Control ctc Ground Control on assigned freq.
8. Specific acft operations plan in effect for acft with wingspans 65m/214ft up to 79.9m/262ft. Restrictions in place include:

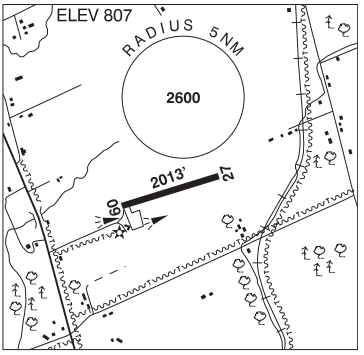
- For Central De-icing Facility (CDF) operations, no turns from Twy E into any of the de-icing pads are permitted. The only taxi routes permitted for de-icing are via Twy T into Pad 5 and via Twy V into Pad 1.

TORONTO CENTRE (emerg only 905-676-4509) CZYZ

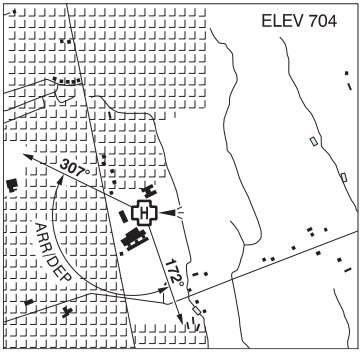
124.925 **124.925** **125.775** 127.0 132.475 **132.475** 132.8 **134.575** **134.925** **344.3**
Campbellford **124.675**
Elliot Lake 135.4
Hamilton 119.7
Kapuskasing 132.7 **132.7** (FL280 & Below)
Kitchener / Waterloo 128.275
London 135.3 135.625 **135.825**
Midland 124.025
Moosonee 133.725 **133.725** (Below FL290)
North Bay **121.225** 127.250
Peterborough 134.25
St. Catharines 133.3
Sarnia 134.375
Sault Ste. Marie 132.65 **134.425** 344.5
Sudbury 135.5 **135.5**
Timmins 128.3 **128.3** (Below FL290)
Wawa 124.075
Wiarton 132.575 **124.375**

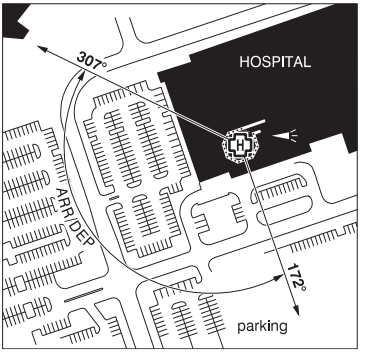
TORONTO / MARKHAM ON CNU8

REF	N43 56 09 W79 15 44 2.6N 11°W UTC-5(4) Elev 807´ VTA A5000
OPR	Markham Aprt Inc 647-636-8735 Reg 14-22Z‡ 24hr PPR
PF	B-1 C-2,3,4,5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09/27 2013x50 ASPH Opr
COMM **ATF**	UNICOM ltd hrs O/T tfc 122.8 5NM 3500 ASL.
CAUTION	Glider activity, Sat-Sun, hols, Apr-Jun & Sept-Nov. Ldg on grass N of rwy. See NOTAM. 3 lgtd 55' hydro poles on hwy 48 aprx 1500' W of Thld 09. Ocsl drone act blw 400' SW of A/D.



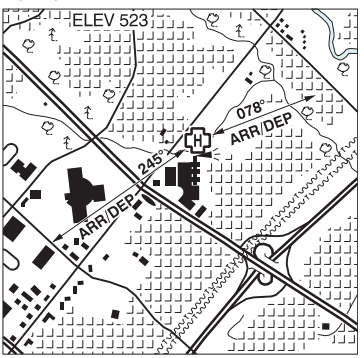
TORONTO / MARKHAM STOUFFVILLE ON (Heli) CPH7





REF	N43 52 58 W79 13 58 Adj 11°W (2013) UTC-5(4) Elev 704´ VTA A5000
OPR	Markham Stouffville Hosp 905-472-7023 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 82' dia non-supporting TLOF 57' dia aluminum Safety area 110' dia Rooftop 16,000 lbs Max heli overall length 54.7' Opr
LIGHTING	RY(LO)
COMM **A/G**	Ambulance dispatch 129.275
PRO	Arr/dep btwn 172° to 307° fr heli slope 16% (H2). Day/night VFR only (CAR 602.96).
CAUTION	Const in vic of heli.

TORONTO (MISSISSAUGA CREDIT VALLEY HOSP) ON (Heli) CPK6

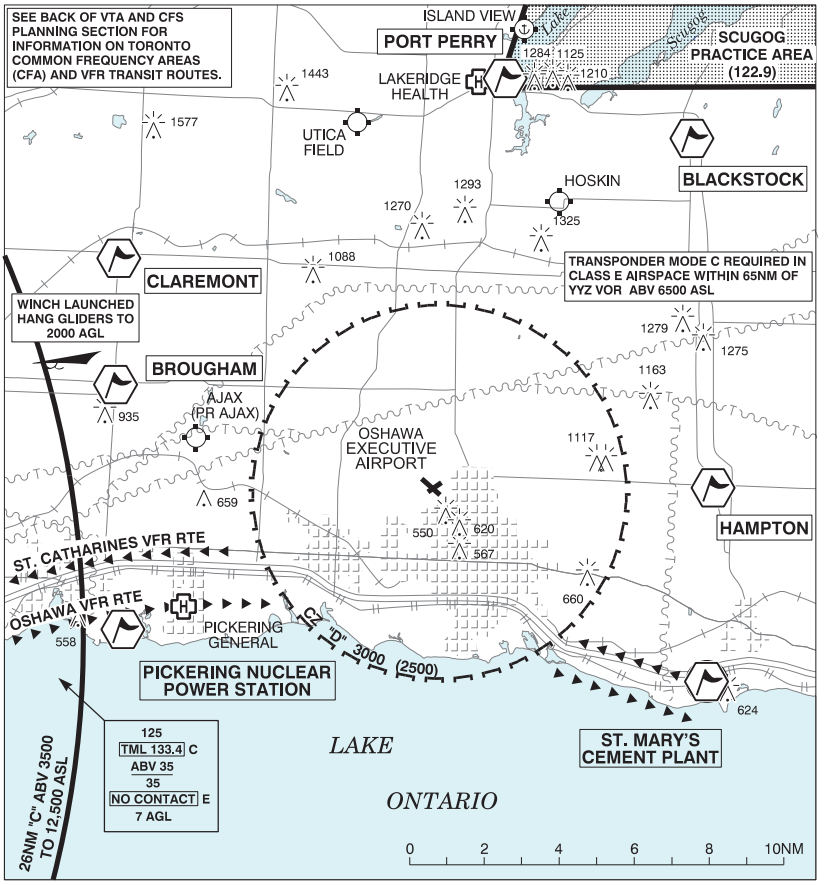


REF	N43 33 41 W79 42 10 10°W (2019) UTC-5(4) Elev 523' VTA A5000
OPR	Credit Valley Hosp 905-813-2200 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 108' dia CONC Safety Area 144' dia Max heli overall length 57.5' Opr
LIGHTING	DR RY(LO) RF(FL) ARCAL-123.2 type K one intensity only, key mic 3 times to turn floodlights off
COMM **TWR** **A/G**	 Toronto 118.35 118.7 Ambulance dispatch 129.275

TORONTO (MISSISSAUGA CREDIT VALLEY HOSP) ON (Heli) (Cont'd) CPK6

PRO	Arr/dep 078° fr heli (H1), day/night use. Arr/dep 245° fr heli (H1), day/night use.
CAUTION	Chimney SSW aprx 150 AGL. Communications twr SW aprx 100 AGL. P-lines N & W all lgtd & marked. Bldgs 0.3NM SW. Trees S to 100 AGL.

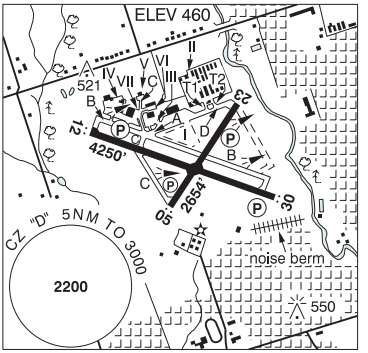
TORONTO / OSHAWA EXECUTIVE AIRPORT VFR TERMINAL PROCEDURES CHART



TORONTO / OSHAWA EXECUTIVE AIRPORT VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
BLACKSTOCK	VCBLS	N44° 06' 34" W78° 49' 18"
BROUGHAM	VCBRH	N43° 55' 07" W79° 06' 23"
CLAREMONT	VCCLM	N43° 58' 19" W79° 07' 49"
HAMPTON	VCHMP	N43° 57' 57" W78° 44' 13"
PICKERING NUCLEAR POWER STATION	VCPKR	N43° 49' 00" W79° 03' 00"
PORT PERRY	VCPRY	N44° 06' 00" W78° 56' 42"
ST. MARY'S CEMENT	VCSMC	N43° 53' 00" W78° 42' 00"

TORONTO / OSHAWA EXECUTIVE AIRPORT ON — CYOO

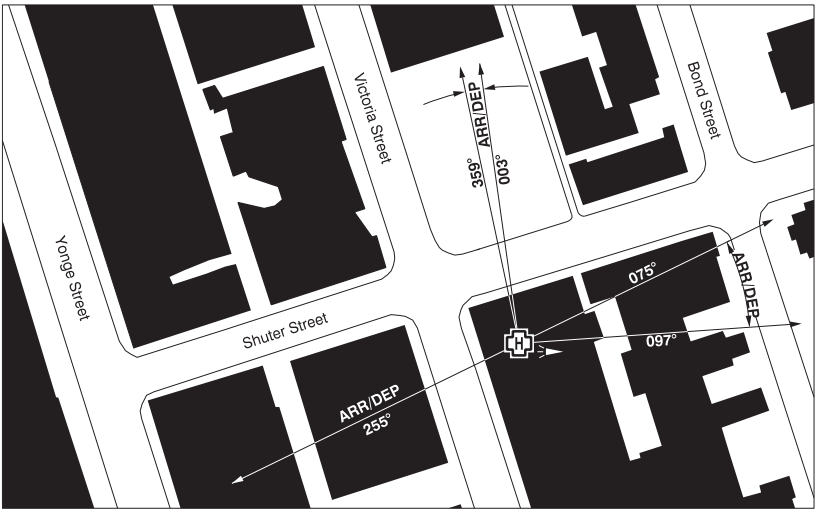


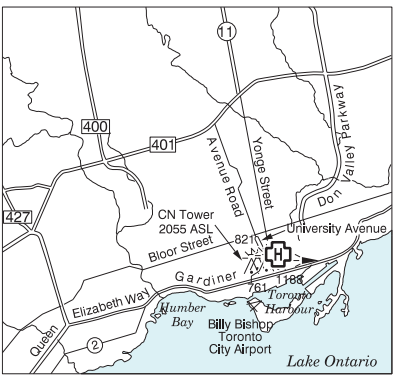
REF	N43 55 22 W78 53 47 Adj N 11°W (2015) UTC-5(4) Elev 460´ VTA A5000 LO6 T2 CAP
OPR	Corporation of the City of Oshawa 905-576-8146 11-04Z‡ O/T PN Cert
PF	A-2,7 B-6 C-1,3,4,5
CUST	AOE/50 1330-2130Z‡ Mon-Fri 888-226-7277; AOE/15 Gen Avn 12-05Z‡
FLT PLN	Pilots to open/close VFR flt pln with London rdo 123.15 or by phone.
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14 and 20Z WxCam
SERVICES	
FUEL	100LL (cardlock on Apron I), JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Enterprise Air Inc 131.05 905-721-0054
RWY DATA	Rwy 12(122°)/30(302°) 4250x100 ASPH Rwy 12 down 0.31% Rwy 05(046°)/23(226°) 2654x100 ASPH Rwy 23 down 0.6%
RWY CERT	Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IIIA Rwy 05/23 AGN II
TWY CERT	Twy A AGN I Twy C: AGN I fr Apron V to Twy B & AGN IIIA fr Twy B to Rwy 12/30 & AGN I fr Rwy 12/30 to Rwy 05/23
TWY	Normal Rwy 30 deps are from Twy B. Acft requiring full length must notify gnd ctl on initial contact.
RCR	Twr 905-576-2398 RSC/CRFI avbl 1130-0330Z‡ OPR 905-243-9376 RSC/CRFI avbl 0330-1130Z‡ PLR/PCN.
LIGHTING	05-AS(TE ME) P1, 23-(TE ME) P1, 12-AS(TE HI) P2, 30-AS(TE HI) P2 ARCAL-120.1 type K

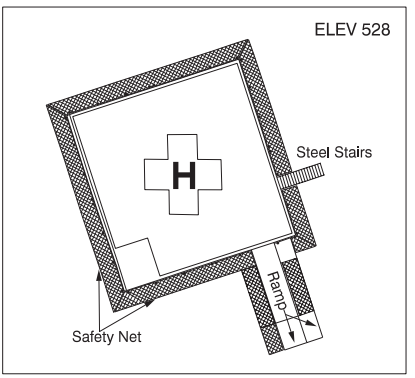
TORONTO / OSHAWA EXECUTIVE AIRPORT ON (Cont'd) CYOO

COMM	
RCO	London rdo 123.15 (FISE)
ATIS	125.675 1130-0330Z‡
GND	118.4 1130-0330Z‡
TWR	120.1 (V) 1130-0330Z‡ (emerg only 905-576-2398)
MF	tfc 120.1 0330-1130Z‡ 5NM 3000 ASL (CAR 602.98)
ARR	Toronto tml 133.4
DEP	Toronto tml 133.4
AWOS	125.675 0330-1130Z‡
PRO	Rgt hand circuits Rwy 23 & 30 (CAR 602.96). On dep no turns below 1000 ASL. Arr turns to final apch will be made at or above 1000 ASL. **Flts proh btwn 2230 & 0630 lcl unless appr by APM. Ctc opr for details.** Pilots are requested to maintain 2000 ASL or above over Metropolitan Toronto Zoo (N43 49 05 W79 11 15). Tng flt prohibited at all times unless approved by APM. Ctc OPR for details.
CAUTION	Winch launched hang gliders, cable up to 2000 AGL fr N43 55 W79 08 aprx 11NM W of A/D. Wildlife frequently on rwys.

TORONTO (ST. MICHAEL'S HOSP) ON (Heli) CTM4





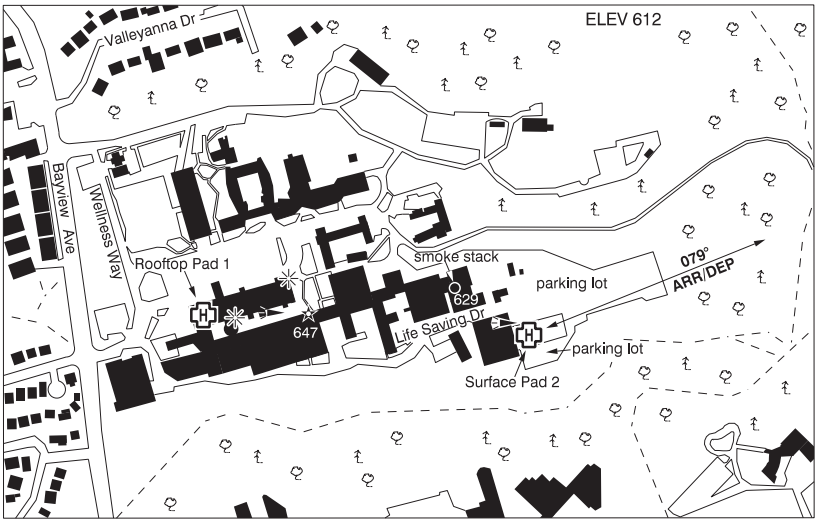


REF	N43 39 15 W79 22 42 Adj 11°W (2015) UTC-5(4) Elev 528´ VTA A5000
OPR	St.Michael's Hospital 416-864-5323 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 82' x 82' non-supporting TLOF 60' x 60' rooftop Safety Area 109' x 109' 16,000lbs Max heli overall length 54.7´
RCR	Opr
LIGHTING	RY(LO) Green FL(LO)
COMM	
TWR	Toronto 118.35 118.7 City 118.2 119.2
A/G	Ambulance dispatch 129.275

TORONTO (ST. MICHAEL'S HOSP) ON (Heli) (Cont'd) CTM4

PRO	Arr/dep 255° and 359° to 003° and 075° to 097° fr heli, slope 8% (H1), day/night use.
CAUTION	Significant obst in vic. High rise condo NNW of heli. Lgtd bldgs 596 ASL (309 AGL) and 586 ASL (299 AGL) aprx 0.1NM E of heli.

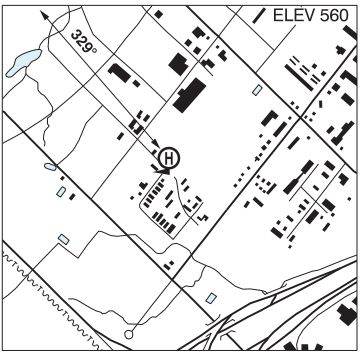
TORONTO (SUNNYBROOK HEALTH SCIENCES CENTRE) ON (Heli) CNY8



REF	N43 43 17 W79 22 37 Adj 11°W UTC-5(4) Elev 612´ VTA A5000
OPR	Sunnybrook Health Sciences Centre 416-480-4589 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	Rooftop Pad 1: FATO 113' x 113' non-supporting TLOF 75' x 75' aluminum Safety Area 151' x 151' elevated rooftop 35,000 lbs Max heli overall length 75.0' Surface Pad 2: FATO/TLOF 86' dia ASPH Safety Area 114' x 114' Max heli overall length 57.5´
RCR	Opr
LIGHTING	Rooftop Pad 1: RY(HI) Surface Pad 2: RY(LO) RF(FL) DR
COMM	
TWR	Toronto 118.35 118.7 City 118.2 119.2
A/G	ambulance dispatch 129.275
PRO	Rooftop Pad 1 Arr/dep 001° to 360° fr heli (H1), day/night use (CAR 602.96) Surface Pad 2 Arr/dep 079° fr heli, slope 8% (H3), day/night use (CAR 602.96).

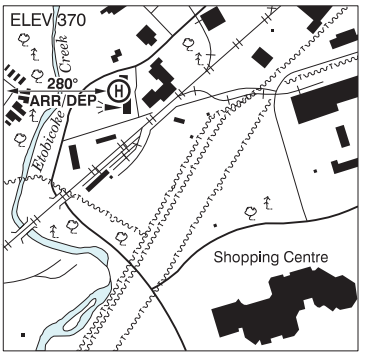
TORONTO / TARTEN ON (Heli) CPA5

REF	N43 39 07 W79 39 29 Adj W 10°W UTC-5(4) Elev 560´ VTA A5000
OPR	Tarten Equipment Ltd 905-670-1704 Cert PPR
FLT PLN **FIC**	Pilots to open/close VFR Flt Pln with London FIC via phone or London rdo 123.275 when practicable. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	65´ x 65´ ASPH 85´ x 85´ Max heli overall length 43.3´ Opr
COMM **TWR**	 Toronto 118.35 118.7
PRO	Arr/dep 329° fr heli, slope 8% (H3), day use only. Ctc Toronto twr for specific instructions prior tkof & ldg. Heli on 208° rad/2.0 DME fr YYZ VOR.



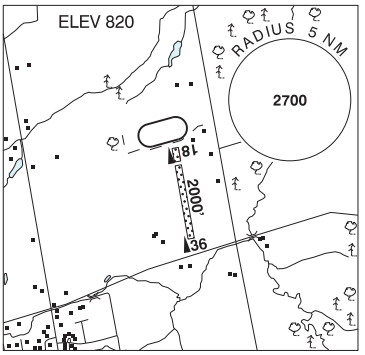
TORONTO / WILSON'S ON (Heli) CPY5

REF	N43 37 04 W79 33 49 Adj SW 10°W UTC-5(4) Elev 370´ VTA A5000
OPR	Wilson's Heli-Trans 416-621-9020 Fax 416-621-0784 Cert PPR
FLT PLN **FIC**	Pilots to open/close VFR Flt Pln with London FIC via phone or London rdo 123.275 when practicable. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO/TLOF 45´ x 45´ WOOD, rooftop Safety Area 56' x 92' Max heli overall length 30´ Opr
LIGHTING	DR RY(LO) RF(FL)
COMM **TWR**	 Toronto 118.35 118.7
PRO	Apch/Dep route follows Etobicoke Creek until due W of heli with a final apch path brg 280° fr heli. Slope 8% (H3). Ctc Toronto TWR for specific instructions prior to tkof & ldg.



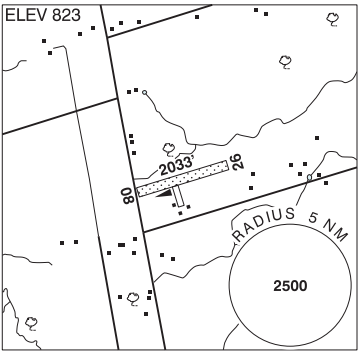
TOTTENHAM / MARDON ON — CMA6

REF	N44 03 28 W79 52 48 3.7NW 10°W (2022) UTC-5(4) Elev 820' A1900 A5000
OPR	Marvin Chantler 416-557-0655 Reg PPR
PF	C-2 D-1,3,4,5,7
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 18(180°)/36(360°) 2000x85 GRASS Thld 18 displ 300'. Opr No win maint. Soft when wet.
COMM ATF	tfc 123.2 5NM 3900 ASL
PRO	P-lines, trees and windsock S of Rwy 36.



TOTTENHAM / RONAN ON — CTR3

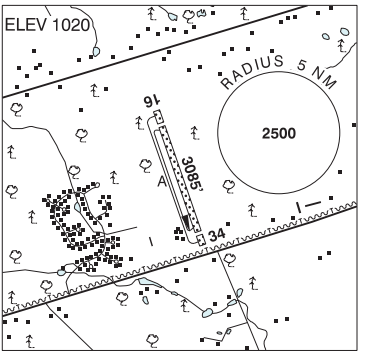
REF	N44 02 32 W79 50 47 2.1NW 10°W UTC-5(4) Elev 823' VTA A5000
OPR	Mike & Cheryl Ronan 647-542-7700 Reg
PF	C-1,2,3,4,5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	Ltd hrs 1,4,5
RWY DATA RCR	Rwy 08(083°)/26(263°) 2033x150 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 3500 ASL
PRO	Rgt and left hand circuits Rwy 08/26 Apr-Dec (CAR 602.96). Powered acft use opposite circuit pattern to gliders.
CAUTION	Extv glider activity. Ditch at west end of Rwy 26 btwn thld & road.



TOTTENHAM / VOLK ON

CPM5

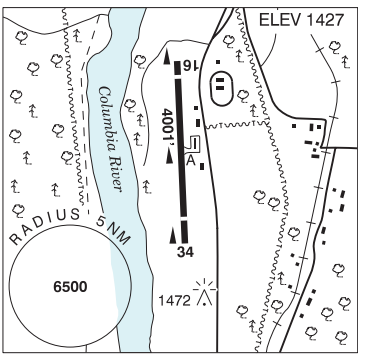
REF	N43 59 39 W79 46 43 2SE 10°W UTC-5(4) Elev 1020' VTA A5000
OPR	Lisa Volk 416-318-1320 Reg Ltd hrs
PF	B-1 C-2,3,4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	Ltd hrs 1,4,5
RWY DATA	Rwy 16(171°)/34(351°) 3085x80 GRASS Thld 16 displ 281'. Thld 34 displ 225' Rwy 34 up 0.72%
RCR	Opr Ltd win maint. Rwys soft when wet & dur thaw.
COMM ATF	tfc 123.2 5NM 2500 ASL
CAUTION	Marked P-lines 50 AGL 170' fr Thld 34. Acft not visible fr opposite ends of Rwy 16/34. Caution should be maintained dur all apchs & deps due to tall trees (50 AGL) and/or rising terrain in the immediate vic of all rwys. Blowing dust may be present due const activity on A/D.



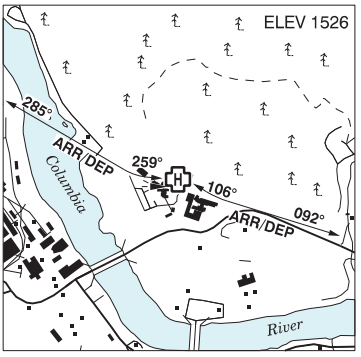
TRAIL BC

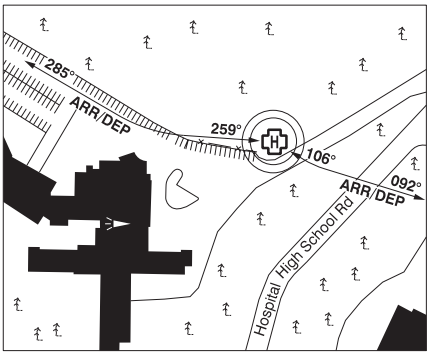
CAD4

REF	N49 03 36 W117 36 29 6.1SE 16°E (2013) UTC-8(7) Elev 1427´ A5005 LO2 CAP
OPR	City of Trail 250-364-1262 Cert
PF	B-1,7 C-2,3,4,5,6
CUST	AOE/15 2-48 hrs PN 1-888-226-7277 16-24Z‡ Mon-Fri exc hols; AOE/CAN
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM) Webcam
SERVICES FUEL	250-367-0029 or 250-921-5478 100LL, JA-1
RWY DATA	Rwy 16(162°)/34(342°) 4001x75 ASPH Rwy 34 up 0.50% Thld 16 displ 302' Thld 34 displ 498' RESA: 16/34 492'
RWY CERT	Rwy 16/34 AGN II
RCR	Opr Win maint 16-00Z‡ O/T 3 hrs PN CRFI 250-367-0029 or 250-921-5478
COMM MF	tfc 123.2 5NM 4400 ASL (CAR 602.98)
AUTO	122.175
PRO	Rgt hand circuits Rwy 16 (CAR 602.96)
CAUTION	Narrow valley. Final apch Rwy 16 offset 20°- axis 139° mag due terrain. Twr 68 AGL aprx 1400´ SSE of Thld 34.



TRAIL (KOOTENAY BOUNDARY REGIONAL HOSPITAL) BC (Heli) CKB3

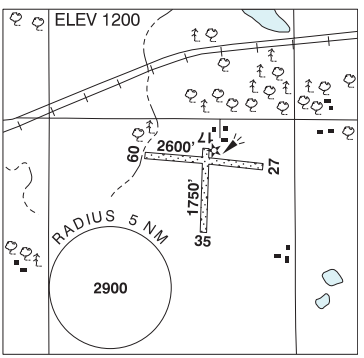




REF	N49 06 13 W117 42 01 Adj N 15° (2018) UTC-8(7) Elev 1526' A5005
OPR	Interior Health Authority 250-368-3311 or 250-512-7174 Cert PPR
PF	A-1,4 C-5 D-2,3,6
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia TLOF 58' dia CONC Safety Area 115' dia, elevated pad Max heli overall length 57.4' (CAR 602.96) Opr Day only
COMM **ATF**	tfc 123.2 5NM 4400 ASL
PRO	Arr/dep 106° to 092° and 259° to 285° curved fr heli, slope 16% (H2) day only.
CAUTION	Lgtd stack W of hosp. Lgtd wi on hosp. Large unmarked rock outcropping on uphill side aprx 150' fr pad on 259° mag (274° true).

TREHERNE MB CKU2

REF	N49 37 52 W98 39 59 2E 6°E UTC-6(5) Elev 1200´ A5007
OPR	Boyne Valley Aviation 204-723-2175/2643 or 204-526-7309 Reg PPR
PF	B-1 C-2,4,5
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 09(096°)/27(276°) 2600x90 GRASS Rwy 17(174°)/35(354°) 1750x65 GRASS Rwy 17 slopes up Opr No win maint

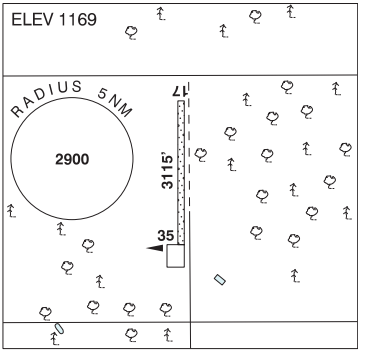


TREHERNE MB (Cont'd) CKU2

COMM	
ATF	tfc 123.2 5NM 4200 ASL
CAUTION	Trees adj thld Rwy 17. Lgtd tower 1700 ASL (375 AGL) 1.0NM S of A/D. Underlies CYA413; refer to Winnipeg VNC.

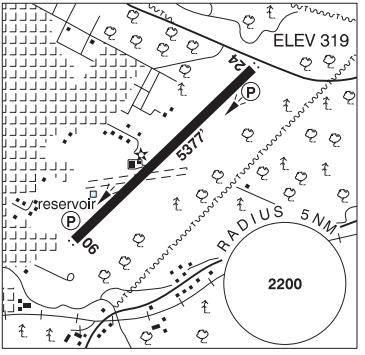
TREHERNE (SOUTH NORFOLK AIRPARK) MB CTN6

REF	N49 39 35 W98 39 55 2NE 6°E UTC-6(5) Elev 1169' A5007
OPR	Municipality of Norfolk Treherne 204-723-2044 Fax 204-723-2719 Reg
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(174°)/35(354°) 3115x70 treated GRVL/GRASS, centre 40' treated gravel
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 4200 ASL
CAUTION	Trees approx. 40´ high 90´ E along north portion of airstrip. Lgtd tower 1700 ASL (375 AGL) 2.7NM S of A/D.



TRENTON NS CYTN

REF	N45 36 43 W62 37 16 Adj E 18°W (2013) UTC-4(3) Elev 319' A5003 LO8 HI6 CAP
OPR	Trenton Airport Ltd 902-752-9348/ 754-9385 Reg Ldg fees
PF	B-1 C-2,3,4,5,6
CUST	AOE/CAN
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200
WX	WxCam
SERVICES	Call out chg may be levied.
FUEL	100LL, JA-1 12-21Z‡ Mon-Fri O/T ctc opr
RWY DATA	Rwy 06(064°)/24(244°) 5377x145 ASPH Rwy 06 up 0.58% first 1400' Rwy 24 up 1.79% first 3978' AGN IIIA
RCR	Opr Ltd win maint PN
LIGHTING	06-AS(ME) AP, 24-AS(ME) P1 ARCAL-122.8 type K

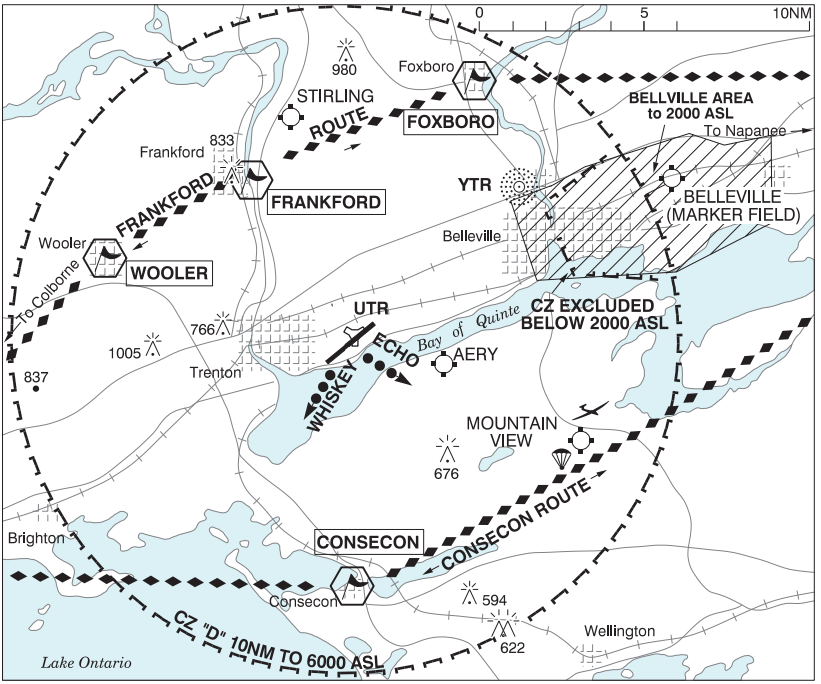


TRENTON NS (Cont'd) CYTN

COMM

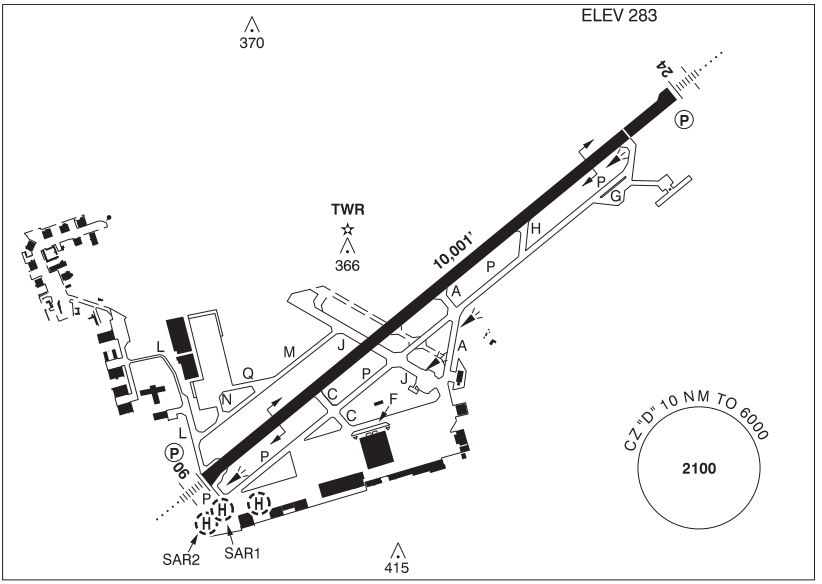
ATF	UNICOM (AU) 122.8 12-21Z‡ Mon-Fri O/T tfc 122.8 5NM 3300 ASL
PAL	Moncton Ctr 135.3 135.65 May not be receivable on ground

TRENTON (ON) VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
COLBORNE	VCCLB	N44° 00' 30" W077° 53' 24"
CONSECON	VCCSN	N44° 00' 00" W077° 30' 00"
FOXBORO	VCFXB	N44° 14' 48" W077° 26' 00"
FRANKFORD	VCFFD	N44° 12' 00" W077° 36' 00"
NAPANEE	VCNAP	N44° 15' 00" W076° 57' 12"
WOOLER	VCWLR	N44° 05' 24" W077° 42' 00"

TRENTON ON — CYTR

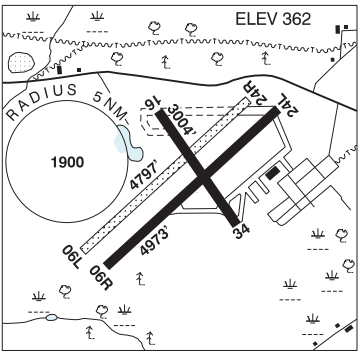


REF	N44 07 09 W77 31 42 2.3NE 12°W (2022) UTC-5(4) Elev 283´ A5000 LO6 LO7 HI5 CAP
OPR	DND. All flts require PPR. Req PPR at least 2 business days prior to arr exc emerg or MEDEVAC. Ldg & hdlg fees. Call Wing Ops for PPR processing 613-965-3316.
PF	B-1 D-2,3,5
CUST	AOE/M 8 Wg Duty Ops Mil: 13-21Z‡ Mon-Fri exc hols 21-01Z‡ Mon-Fri & Sat-Sun on request; Civ 13-01Z‡ Mon-Fri exc hols (with prior MP auth) Flts arr fm outside CDA: orig ETA provided in PPR may not guarantee CBSA will meet acft on arr. Acft must update ETA with 8 Wg Duty Ops min 2 hrs prior to orig ETA to ensure Customs upon arr. Failure to update ETA may result in 2 hr wait for CBSA agents.
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (Note: Wg Ops/ATC will not accept telephone/air filing)
WX	Met brief for mil only. Lcl Met Section CSN 827-2761 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM). METAR 24H. TAF H24, issue times: 00, 06, 12, & 18Z.
SERVICES	No civ or foreign mil arr/dep without PPR exc emerg or MEDEVAC btwn 23-07 lcl time, ctc W Ops Duty Watch. No civil svcg. Mil acft:Tran svcg ltd to prkg refuelling & starts.Trans aircrew rqrd to carry out own DI & supervise svcg, fuelling & pin install. Arr with max PI valid.
FUEL	F-34, SP
OIL	123, 128, 133, 148, 156, SOAP
ARFF	CAT 8
SUP FL	D & A-ice, LHOX, LOX
JASU	CE1, 6, 8, 12, 13, 15, 16, CA1, 3, CEA1
MIL ADV	Wings Ops 122.35 or 268.0 Inbd mil acft advise ramp time & requirements at least 20 min prior to ldg.

TRENTON ON (Cont'd) CYTR

RWY DATA	Rwy 06(062°)/24(242°) 10,001x200 ASPH Thld 24 displ 1000′. RAG: Rwy 06 BAK 12/14 smart arrest retractable arrestor system (1500`); Rwy 24 BAK 12/14 smart arrest retractable arrestor system (1676`)
RCR	Opr CRFI S100, T200, ST248, TT400. Rwy 24 PCN for 1000′ displ thld 68/R/A/X/U PCN for remainder of rwy 06/24 85/F/C/X/U.
LIGHTING	Rwy 06/24 overt/covert AMP3 lgt avbl on req. 06-AN (TE HI) P2 GPI 992′ TCH 52′, 24-AN (TE HI) P2 GPI 986′ TCH 51′
COMM	Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS.
ATIS	135.45 257.7
CLNC DEL	124.35 286.4 all itinerant IFR dep acft to ctc clnc del prior to engine start if able
GND	121.9 275.8
TWR	128.7 236.6 (E)
TML	128.4 324.3
MIL	H24. Inbd acft call Wg Ops 122.35 or 268.0, 20 min out with load & svc data. Obd acft call prior to engine start. Tiger (SAR) Ops 232.1 opr 13-2130Z‡
PMSV	344.6 ltd hrs.
NAV	
NDB	YTR 215 (L) N44 11 37 W77 24 12 SEVERN ZZR 317 (L) N44 03 10 W77 37 36 Preventive maint 1st Tues of month 13-17Z‡
TACAN	UTR 109.7 Ch 34 N44 07 16 W77 31 44 (285′) Preventive maint every Thu of month 13-17Z‡
ILS	INT 110.75 (Rwy 06) ITR 109.7 (Rwy 24) RVR Preventive maint first Wed of ev month 13-17Z‡
PRO	Visiting aircrew report to Wg Ops. Pilots must contact Wg Ops on MIL 268.0 or 122.35, prior to contacting GND for start clnc. Rgt hand circuits Rwy 06 (CAR 602.96). Tfc ptn; convl 1500 ASL, Jet 2000 ASL overhead breaks to the south for all rwys, max 300 kt at initial located on the rwy extended centreline at 3-5NM or as directed by ATC.Extensive paradrop and glider activity at Trenton and Mountain View (CPZ3) to 3500 ASL, ocsl to 12,500 ASL. Increased mil tfc within 35NM of CYTR. Pilots are advised to listen to CYTR ATIS prior to contacting CYTR Twr for entry into the CZ. All VFR acft & IFR acft in VMC cond on overshoot, missed approach, or dep shall not exceed 1500 ASL until dep end of rwy. PSR & SSR preventive maint each Mon 23-06Z‡ dur VFR. Mon hol alternate Tue.
HELI	VFR, arr/dep req Whiskey or Echo rtes. See VTPC. Whiskey - Remain S of Twys F & P. Echo - Direct Twy G remain S of Rwy 06/24. Dep maintain 500 AGL within 5NM aprt or as cleared by ATC. Arr maintain 500 AGL within 1NM aprt De-icing: All aircrew to arrange de-icing through Wg Ops. All de-icing will normally be performed on the de-icing pad on Juliet taxiway located at N44 06.9 W077 31.7. The de-icing pad can be entered via Alpha and/or Papa taxiway. Aircrew to contact ICEMAN on 130.775 prior to entering the de-icing pad. Acft to follow taxi line (taxi line offset to west) to marked yellow square and stop with the nose wheel on the spot as directed by ICEMAN, configure the aircraft for spraying, set PARK BRAKE. Do not exit acft at the de-icing pad. Before contacting ground control for taxi clearance, aircrew shall confirm with ICEMAN that men and equipment are clear of danger area.

TRENTON / MOUNTAIN VIEW ON — CPZ3

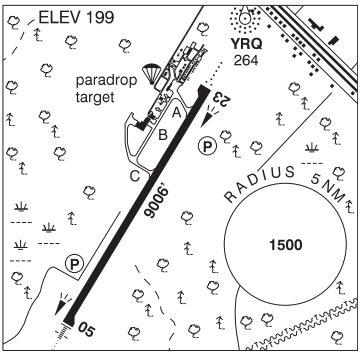


REF	N44 04 12 W77 20 22 5.2SE 12°W (2022) UTC-5(4) Elev 362' A5000 LO6 LO7 HI5
OPR	DND – Mil Use Only. 24 hr PPR through Trenton Ops 613-965-3316, CSN 319-827-3316 Fax 613-965-7093. Regardless of PPR all users check in with Wg Ops via phone or radio 122.35, 268.0 prior to using Mountain View aprt.
PF	B-1 D-2,3,5
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (Note: Wg Ops/ATC will not accept telephone/air filing).
SERVICES **MIL ADV**	Trenton 268.0 or 122.35 20 min prior to ldg
RWY DATA **RCR**	Rwy 06R(059°)/24L(239°) 4973x90 ASPH usable (with unstressed 15ft asphalt either side) Rwy 06L(060°)/24R(240°) 4797X60 GRVL Rwy 16(158°)/34(338°) 3004X150 crushed CONC/ASPH Opr Rwy 06R/24L TT585, PCN 86/F/A/X/T. Ltd sked win maint. Rwy 16/34 - sfc rough, no maint, use with caution
LIGHTING	Rwy 06R/24L, 06L/24R AMP3 marker panels avbl. Overt/covert AMP3 lgt avbl Rwy 06R/24L ARCAL 122.925 and Rwy 06L/24R ARCAL 123.3, both type J; overt lgt avbl min 3 days PNR; overt lgt avbl min 3 days PNR
COMM **ATF**	tfc 122.925 4NM 2500 ASL Area underlies the SE quadrant of the CYTR Mil CZ. Acft to contact Trenton Twr on 128.7 prior to entering the Mountain View ATF area.
PRO	Rwy 06R/24L Medium and Heavy acft shall only turn around on the first 300ft of each end of the rwy. Acft on apch for Rwy 24L & 24R must maintain 3° GP due to hwy, if less than 3° initiate go around before overflight of hwy exc Gliders and tow acft. Increased mil tfc within 35NM of CYTR. Pilots are advised to listen to CYTR ATIS (135.45) prior to contacting CYTR Twr for entry into ATF area. Extensive paradrop & glider activity at Trenton (CYTR) & Mountain View to 3500 ASL, ocsl to 12,500 ASL. Timing and alt will be bcst on ATIS. Non-std circuit pro for mil acft. All users external to 8 Wing intending to conduct training at Mountain View must request permission and a procedures briefing. Request permission from 8 Wing Ops at 613-392-2811 ext 4560/2559/2766 a minimum of 24 hours in advance.
CAUTION	Possible NORDO vehicles on rwy/twy, verify rwy unobstructed prior to ldg.

TRIBBLE RANCH FIELD MB — See FRASERWOOD / TRIBBLE RANCH FIELD

TROIS-RIVIÈRES QC — CYRQ

REF	N46 21 06 W72 40 50 16°W (2013) UTC-5(4) Elev 199´ A5002 LO6 LO7 LO8 HI5 CAP
OPR	Airport 819-377-4382 or 819-244-0699 (after hrs) Cert 12-01Z‡ Jan 2-May 14, 12-02Z‡ May 15-Aug 15, 12-01Z‡ Aug 16-Dec 23, ltd hrs Dec 24-Jan 1 (check NOTAM). Ldg fees (exc single-engine piston acft, and heli).
PF	A-1,2,7,8 C-3,4,5,6
CUST	AOE/15 888-226-7277 1330-2130Z‡ Mon-Fri exc hols



FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14, 20Z. WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), SP, HPR 12-01Z‡ Jan 2-May 14, 12-02Z‡ May 15-Aug 15, 12-01Z‡ Aug 16-Dec 23, ltd hrs Dec 24-Jan 1 819-377-4382 O/T call out chg 1 hr PN 819-244-0699
OIL	W100, W15W50
S	1,2,3,4,5,6
SUP FL	D & A-ice
JASU	Electric start 10/15
RWY DATA	Rwy 05(047°)/23(227°) 9006x150 ASPH
RWY CERT	Rwy 05/23 AGN IV
TWY CERT	Twy B AGN IIIB
RCR	Opr 1 hr PN 12-01Z‡, O/T 2 hr PN, call out chg. CRFI. Win maint 3 hr PN 12-23Z‡, O/T 4 hr PN, call out chg. PLR/PCN.
LIGHTING	05-AN(TE HI) P3, 23-AO(TE HI) P3 ARCAL-122.35 type K
COMM	(bil)
MF	UNICOM 12-01Z‡ O/T tfc 122.35 5NM 3200 ASL (CAR 602.98)
ARR	(bil) Montréal Ctr 128.225
DEP	(bil) Montréal Ctr 128.225
PAL	(bil) Montréal Ctr 128.225
AWOS	120.275 (English) 124.825 (French)
NAV	
NDB	YRQ 205 (L) N46 22 10 W72 39 53

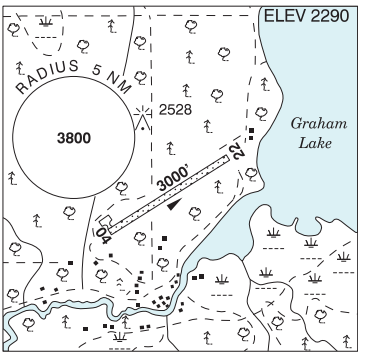
TROIS-RIVIÈRES QC (Cont'd) CYRQ

PRO	Rwy 05 rgt hand circuits (CAR 602.96). Mauricie Common Frequency Area aprx 9 NM N, see Section C Planning. **Drones:** Pilots wishing to operate a Remotely Piloted Acft within 3 NM of A/D centre should ctc opr for the established pro.
CAUTION	**Parachute:** Paradrops to 16,000 ASL, May 1-Oct 31. Avoid area N of aprt (see sketch). **Wildlife:** Migratory bird act Apr-Oct. **Heli:** Piston heli should apch 100LL fuelling station with caution, due ltd space, nearby bldg, and possible turbulence. **Blasting:** Blasting ops, 0.4NM radius from N46 34 53 W72 43 44 (13.9NM N of A/D), max alt 2200 ASL.

TROTTER ON — See NORLAND / TROTTER

TROUT LAKE AB CFB4

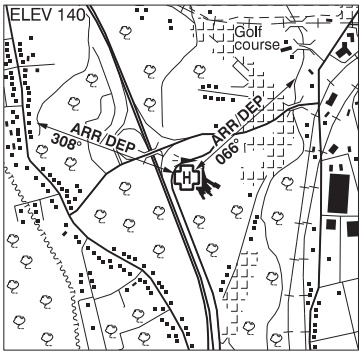
REF	N56 30 W114 33 17°E (2012) UTC-7(6) Elev 2290´ A5023
OPR	Muni District #17 780-891-2099/2424 or 780-649-6458/6600/3815 Reg
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 04(041°)/22(221°) 3000x75 GRASS Opr Ltd win maint
COMM **ATF**	tfc 123.2 5NM 5300 ASL

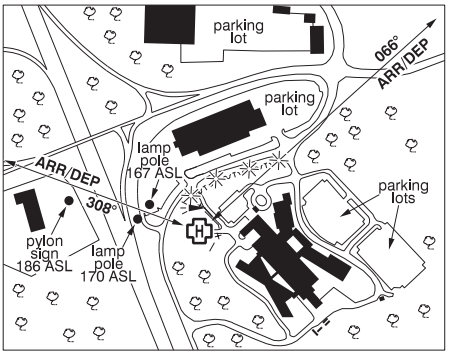


TRUANT AB — See RED DEER / TRUANT

TRUANT SOUTH AB — See RED DEER / TRUANT SOUTH

TRURO (COLCHESTER HEALTH CENTRE) NS (Heli) CEH9

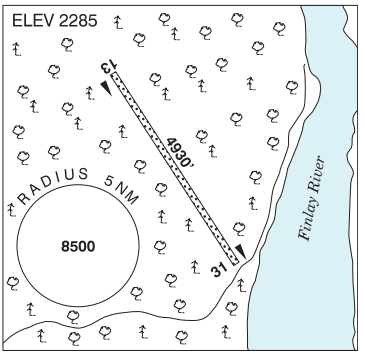




REF	N45 20 59 W63 18 20 1.3WSW 18°W (2013) UTC-4(3) Elev 140' A5003
OPR	Colchester East Hants Health Centre 902-893-4321; O/T 902-893-5554 ext 42222 Cert PPR
PF	A-1,4 C-2,3,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200
HELI DATA	FATO/TLOF 79' dia ASPH Safety Area 105' Max heli overall length 52.49'
RCR	Opr
LIGHTING	RW(LO) green
COMM	
ATF	tfc 123.0 5NM 2900 ASL
PRO	Arr/dep 066° fr heli, Slope 12% (H2). Arr/dep 308° fr heli (H1).
CAUTION	Heli lies within CYR747 PPR Opr. P-Line N to NE of pad ball marked and lit (portion of P-Line btwn the lit power poles under 308° arr/dep path is buried). Power and lamp poles E of pad marked and lit. Civic centre NE of pad marked with obst lights. Roadway (hosp entry drive) E of heli. Sloped hillside NW of pad. Treed area on embankment, to aprx 65' abv pad elev W of hosp aprx 120' S of pad.

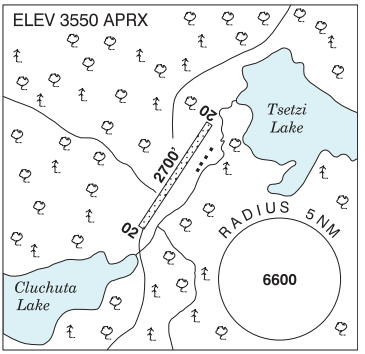
TSAY KEH BC — CBN9

REF	N56 54 25 W124 57 58 Adj 18°E (2020) UTC-8(7) Elev 2285´ A5022 LO1 RCAP
OPR	Tsay Keh Dene Band Reg For lcl cond ctc Ootsa Air Ltd 250-963-0045
PF	C-1,4
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam
RWY DATA	Rwy 13(129°)/31(309°) 4930x50 packed gravel/sand Rwy 13 down 0.30%
RCR	250-993-2100 Band office Ltd win maint
COMM	
ATF	tfc 123.2 2NM 3800 ASL
CAUTION	Aprx 30´ sharp drop off SE end of rwy.

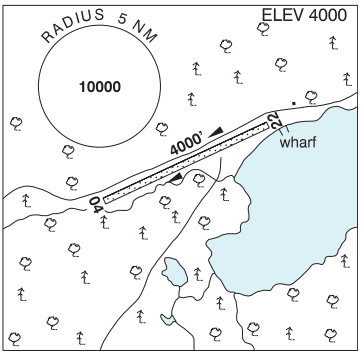


TSETZI LAKE (PAN PHILLIPS) BC — CBT3

REF	N52 58 19 W125 01 36 19°E (2012) UTC-8(7) Elev 3550´ aprx A5013 A5014
OPR	Pan Phillips Fishing Resort 778-766-5051 Reg
PF	B-2,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
S	5
RWY DATA	Rwy 02/20 2700x90 GRASS Rwy 20 aprx up 2%
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 2NM 5100 ASL

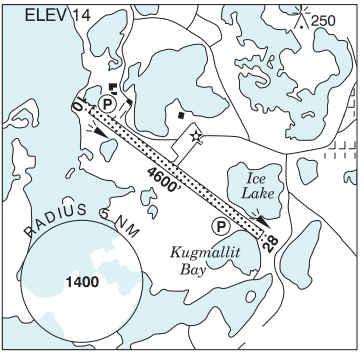


TSUNIAH LAKE LODGE BC — CAF4



REF	N51 32 W124 10 18°E (2013) UTC-8(7) Elev 4000´ A5004
OPR	Tsuniah Lake Lodge 250-392-5612/394-4122 Reg PPR
PF	B-1,2,3,5
FLT PLN **FIC**	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES **S**	5
RWY DATA **RCR**	Rwy 04/22 4000x100 GRASS/GRVL Rwy 04 slope up Opr No win maint
COMM **ATF**	tfc 123.2 2NM 5500 ASL
PRO	Rgt hand circuits Rwy 04 (CAR 602.96).

TUKTOYAKTUK / JAMES GRUBEN NT — CYUB

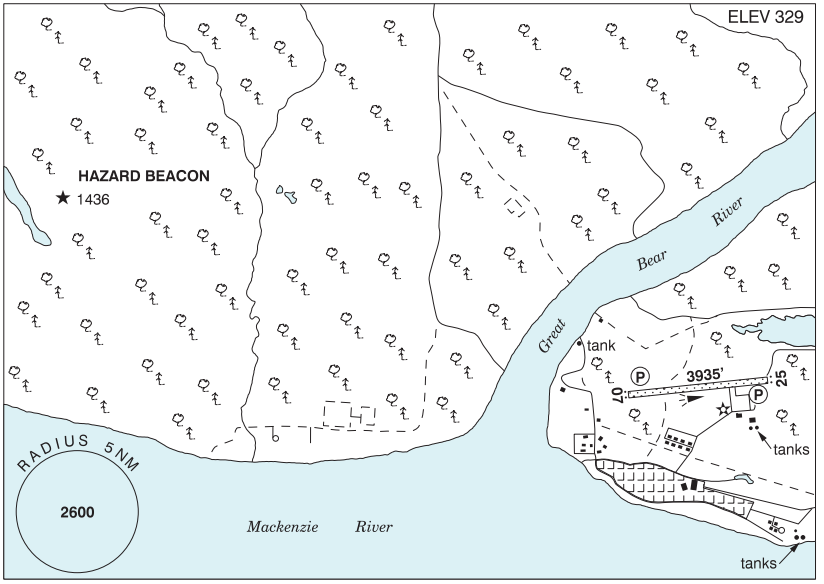


REF	N69 26 00 W133 01 35 22°E (2018) UTC-7(6) Elev 14´ A5040 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt ctc 877-989-1400 1500-1530Z‡ Mon-Fri exc hols, O/T 1 hr PN, ctc 867-678-0035/0045/5876. Call out chg may be levied. Cert
PF	A-1 avbl 14-06Z‡ dly C-1,2,3,4,5,6
CUST	AOE/15 888-226-7277 16-24Z‡ Mon-Fri
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-977-2469 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 16-06Z‡, issue times: 16, 19, 01Z (DT 15, 19, 01Z).
SERVICES **S**	4
RWY DATA **RWY CERT** **RCR**	Rwy 10(105°)/28(285°) 4600x100 GRVL Rwy 10/28 AGN II Opr Win maint avbl 1530-2400Z‡ Mon-Fri exc hols, O/T 1 hr PN 867-678-0035/0045/5876. Call out chg may be levied. Rwy compacted snow & gravel mix dur win conds.
LIGHTING	10-AS(TE ME) P1, 28-AS(TE ME) P1 ARCAL-122.1 type K
COMM **MF** **APRT RDO**	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98) TUK aprt rdo 122.1 (V) 14-06Z‡

TUKTOYAKTUK / JAMES GRUBEN NT (Cont'd) CYUB

PRO	Rgt hand circuits Rwy 10 (CAR 602.96).
CAUTION	4-6' drop offs beyond graded areas at aprx 20' outside rwy edges.

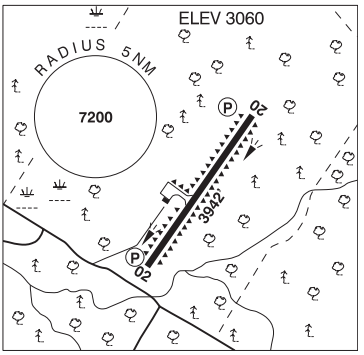
TULITA NT CZFN



REF	N64 54 35 W125 34 10 20°E (2020) UTC-7(6) Elev 329´ A5035 LO5 CAP
OPR	Govt of Northwest Territories 867-587-2451 Emerg/Incident rpt 877-989-1400 1530-1700Z‡ 2345-0100Z‡ Mon-Fri exc hols, O/T 2 hr PN ctc 867-688-9434 or 867-374-0335. Call out chg may be levied. Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-588-3191 Ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS
RWY DATA	Rwy 07(065°)/25(245°) 3935x99 GRVL
RWY CERT	Rwy 07/25 AGN II
RCR	Opr Win maint 1530-0030Z‡ Mon-Fri exc hols Oct 1-Apr 30, O/T 2 hrs PN, ctc 867-688-9434 or 867-374-0335. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	07-AS(TE ME) AP, 25-AS(TE ME) AP ARCAL-122.1 type K key mic 7 times for AS. APAPI avbl only dur CARS hrs ops.
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3400 ASL (CAR 602.98)
APRT RDO	122.1 (V) 16-24Z‡ Mon-Fri
CAUTION	Ltd MF coverage W and NW of A/D, due terrain. Ngt ops not recommended unless hazard bcn oprg. Extv migratory bird activity Apr-Oct.

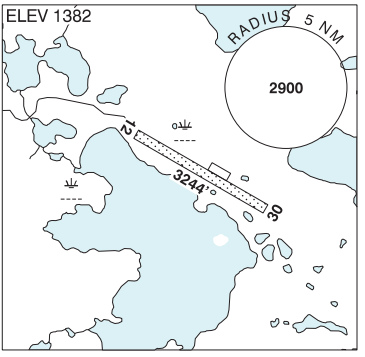
TUMBLER RIDGE BC — CBX7

REF	N55 01 38 W120 55 52 6S 18°E (2013) UTC-7 Elev 3060´ A5014 LO1 RCAP
OPR	District of Tumbler Ridge 250-242-3578 Reg
PF	A-1 D-2,3,4,5
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
SERVICES **FUEL** **S**	 JA 877-242-4211 or 250-242-4542 5,6
RWY DATA **RCR**	Rwy 02(018°)/20(198°) 3942x100 ASPH Opr Ltd win maint
LIGHTING	02-(TE ME) P1, 20-(TE ME) P1 ARCAL-123.2 type K
COMM **ATF**	 tfc 123.2 5NM 6000 ASL
PRO	Aircrew must ctc Edmonton ACC via tel to submit an arr rpt and rcv IFR clnc.
CAUTION	Deep ditches parallel both sides of the rwy. Moderate to severe turbulence & wind shear may be encountered on apch. Wildlife in the vic.



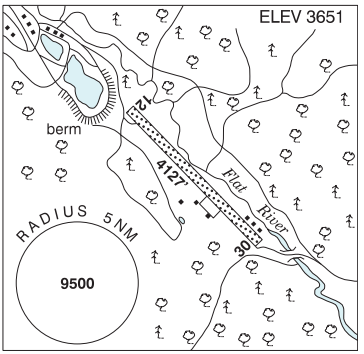
TUNDRA MINE / SALAMITA MINE NT — CTM7

REF	N64 04 22 W111 09 48 14°E (2018) UTC-7(6) Elev 1382' A5030 A5036
OPR	Indigenous and Northern Affairs Canada 867-445-5232 Reg PPR 24hr ntc rqrd
FLT PLN **FIC** **ACC**	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA **RCR**	Rwy 12(120°T)/30(300°T) 3244x200 GRVL Opr No maint
COMM **ATF**	 tfc 123.2 5NM 4400 ASL
PRO	Overfly rwy to check cond prior to ldg.



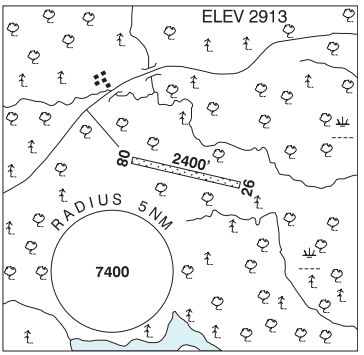
TUNGSTEN (CANTUNG) NT — CBX5

REF	N61 57 24 W128 12 09 21°E (2015) UTC-8 Elev 3651' A5029
OPR	North American Tungsten Corp 604-638-7440 or 604-759-0913 Ext 222 Reg PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 12(115°)/30(295°) 4127x100 GRVL Rwy 10 is down 0.54%
RCR	Opr/Maintenance Ltd maint
COMM	
ATF	tfc 123.2 5NM 6500 ASL



TWIN CREEKS YT — CFS7

REF	N62 37 09 W131 16 13 21°E (2017) UTC-7 Elev 2913´ A5028
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Fuel stor by permit only ctc opr
RWY DATA	Rwy 08(082°)/26(262°) 2400x75 GRVL/GRASS
RCR	Opr No maint
COMM	
ATF	tfc 123.2 5NM 6000 ASL
CAUTION	Tundra tires recommended. Trees along edges of rwy, 50' fr centerline. Trees aprx 30' AGL, 460' fr extended centerline of Rwy 08 and 26.

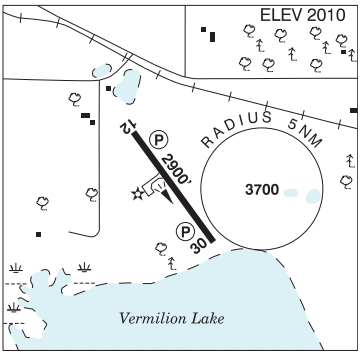


TWIN ISLAND AIRPARK AB — See EDMONTON / TWIN ISLAND AIRPARK

TWO HILLS AB

CEL6

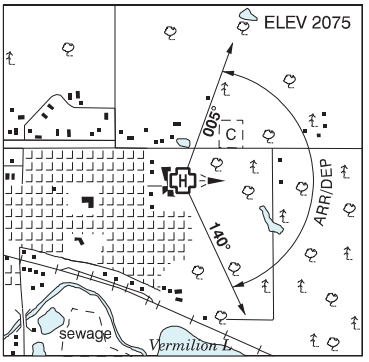
REF	N53 42 36 W111 47 18 2.5W 14°E (2012) UTC-7(6) Elev 2010´ A5015
OPR	County of Two Hills 780-657-2800 or 780-632-1560 Reg
PF	C-1,2,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 12/30 2900x75 ASPH Opr Ltd maint
LIGHTING	12-(TE ME) AP, 30-(TE ME) AP ARCAL-123.2 type K (also activates windsock)
COMM ATF	tfc 123.2 5NM 5100 ASL
PRO	Rgt hand circuits Rwy 30 (CAR 602.96).



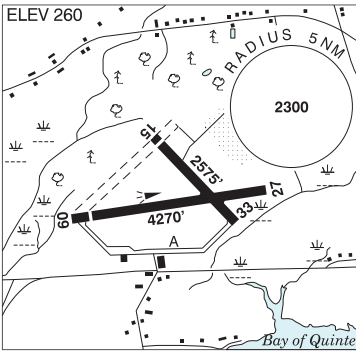
TWO HILLS (HEALTH CENTRE) AB (Heli)

CTH4

REF	N53 42 49 W111 43 51 Adj E 15°E (2011) UTC-7(6) Elev 2075´ A5015
OPR	Two Hills Health Centre 780-657-3344 Reg PPR
PF	B-1,2,4
FLT PLN FIC	Edmonton 780-890-8386 or Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES S	7
HELI DATA RCR	FATO/TLOF 86' dia ASPH/GRASS Safety Area 115' Max heli overall length 57' Opr
LIGHTING	RW (LO)
COMM ATF	tfc 123.2 5NM 5100 ASL
PRO	Arr/Dep btwn 005°-140° fr heli.

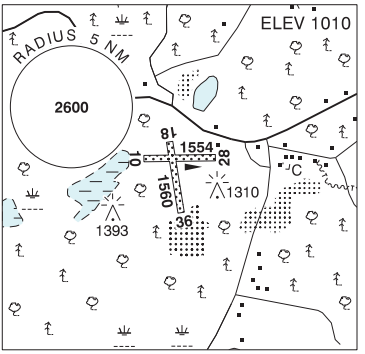


TYENDINAGA (MOHAWK) ON — CPU6



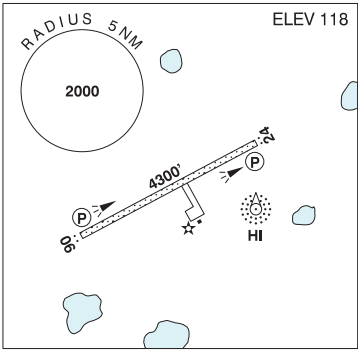
REF	N44 11 05 W77 06 28 3SW 13°W UTC-5(4) Elev 260' A5000
OPR	First Nations Technical Institute Flt Ops 613-885-1340 Mon-Fri 13-20Z‡ exc hols Reg
PF	B-1 Mon-Fri 13-20Z‡ exc hols C-2,5 D-3,4,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 09/27 4270x144 ASPH Thld 09 displ 390'. Rwy 15/33 2575x144 ASPH Thld 15 displ 150'.
RCR	Opr Ltd win maint
LIGHTING	09-(LO non-std, May-Nov), 27-(LO non-std, May-Nov)
COMM **ATF**	Mohawk UNICOM ltd hrs O/T tfc 123.5 5NM 3300 ASL
PRO	All mil aircrew are rstd fr conducting tng flt at CPU6 unless prior perms has been obtained fr opr.
CAUTION	Extv bird activity Apr-Oct. Possibility of NORDO maint equip on rwys. Extv flt tng activity on and within 20NM of A/D.

ULLSWATER ON — CLW2



REF	N45 12 39 W79 30 16 Adj WSW 11°W (2016) UTC-5(4) Elev 1010' A5000
OPR	Ron Brent 705-644-7040 Reg PPR
PF	C-2
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 18(182°)/36(002°) 1560x80 GRASS Rwy 10(100°)/28(280°) 1554x80 GRASS
RCR	Opr No win maint. Rwy soft in spring.
COMM	
ATF	tfc 122.8 2NM 3900 ASL
CAUTION	Active sand pit and quary S of A/D. Lgtd twr 1310 ASL (260 AGL) 0.2NM ESE of A/D. Lgtd twr 1393 ASL (345 AGL) 0.3NM SW of A/D.

ULUKHAKTOK NT — CYHI



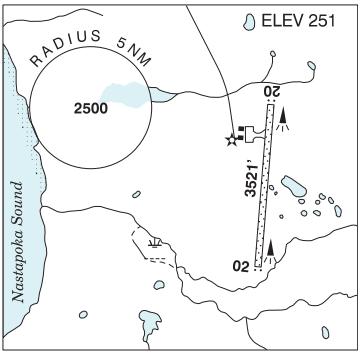
REF	N70 45 46 W117 48 22 2N 18°E (2018) UTC-7(6) Elev 118´ A5041 LO5 CAP
OPR	Govt of Northwest Territories 867-777-2467 Emerg/Incident rpt 877-989-1400 2245-2400Z‡ Mon, 2345-0100Z‡ Tue, 1940-2055Z‡ Wed, 1715-1830Z‡ Thu, exc hols, O/T 1 hr PN ctc 867-787-0217/0065/1973. Call out chg may be levied. 2015-2130Z‡ Sun Cert
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-396-3141 Ltd hrs (see COMM).
WX	METAR dur CARS hrs (see COMM) O/T LWIS TAF 1700-0100Z Mon-Sat, 1700-2000Z Sun, issue times: 17, 19Z (DT 16, 19Z) Mon-Sat, 1700Z‡ Sun. Exc federal observed hols.
SERVICES	Call out chg may be levied for svcs
FUEL	JA Holman Eskimo Co-op 867-396-3531, 587-357-0105
RWY DATA	Rwy 06(062°T)/24(242°T) 4300x99 GRVL Rwy 24 up 0.63% first 953' then down 0.36%
RWY CERT	Rwy 06/24 AGN IIIB
RCR	Opr Win maint 15-24Z‡ Mon-Fri exc hols, O/T 1 hr PN ctc 867-787-0217/0065/1973. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	06-AS(TE ME) P1, 24-AS(TE ME) P1 ARCAL-122.1 type K. AS lgt avbl on hi ints only.

ULUKHAKTOK NT (Cont'd) CYHI

COMM	
RCO	Edmonton rdo 123.475 (FISE) 126.7 (bcst)
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-01Z‡ Mon-Sat,15-20Z‡ Sun, exc federal observed hols
NAV	
NDB	HOLMAN HI 361 (M) N70 45 44 W117 47 24 Unmonitored when CARS clsd
PRO	Pilots ctc CARS prior to dep IFR enroute to ensure Holman NDB is oprg normally.

UMIUJAQ QC CYMU

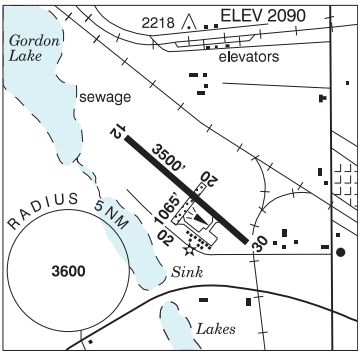
REF	N56 32 10 W76 31 06 16°W (2024) UTC-5(4) Elev 251´ A5026 LO5 CAP
OPR	Administration Régionale Kativik 819-964-2968 14-22Z‡ Mon-Fri O/T 819-964-3434 Ext 154 Fax 819-964-2462 Cert
PF	A-1 C-2,4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-331-1530 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS



RWY DATA	Rwy 02(023°)/20(203°) 3521x100 GRVL Rwy 02 down 0.5% first 590´, up 0.5% next 1080´. Rwy 20 down 1.0% first 690´, up 0.4% next 1150´.
RWY CERT	Rwy 02/20 AGN IIIA
RCR	Opr PLR/PCN
LIGHTING	02-AS(TE ME), 20-AS(TE ME) ARCAL-122.1 type J, RIL lctd 20' outside of rwy edge.
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3300 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1230-2230Z‡
PRO	Rgt hand circuits Rwy 20 (CAR 602.96).
CAUTION	**Wildlife:** Possibility of caribou on rwy Nov-May. **Night ops:** Only pilots familiar with local area should use this A/D dur hrs of darkness due to sur terrain & optical illusions. **Turbulence:** Severe turbulence may be encountered when wind exceeds 20 kt.

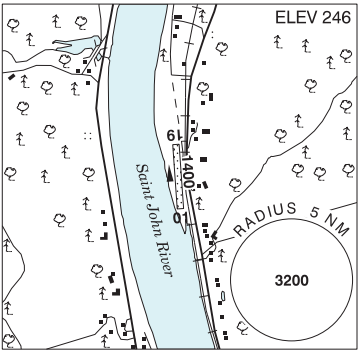
UNITY SK — CKE8

REF	N52 26 44 W109 11 03 Adj W 13°E (2012) UTC-6 Elev 2090´ A5015 LO2
OPR	Town 306-228-2621 Reg
PF	C-1,2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL
RWY DATA	Rwy 12(118°)/30(298°) 3500x75 ASPH Rwy 02(025°)/20(205°) 1065x60 GRASS
RCR	Opr No win maint Rwy 02/20
LIGHTING	12-(TE LO), 30-(TE LO)
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5100 ASL
CAUTION	Fence 100´ fr Thld 20.



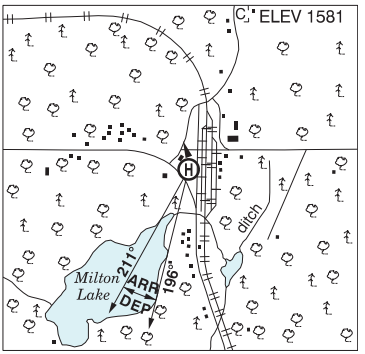
UPPER KENT NB — CCH2

REF	N46 35 15 W67 43 09 1.1NNW 18°W (2011) UTC-4(3) Elev 246' A5002 A5003
OPR	Bruce Lockhart 506-278-5161 Reg
PF	C-2 D-5
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 01(014°)/19(194°) 1400x70 GRASS
RCR	Opr No win maint
COMM ATF	tfc 122.8 5NM 3300 ASL
CAUTION	Lgtd towers 200 AGL aprx 1NM NW and aprx 1NM SW of A/D.



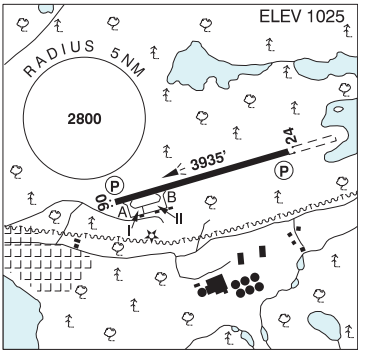
UPSALA ON (Heli) CKL8

REF	N49 03 01 W90 28 09 0.5N 2°W UTC-5(4) Elev 1581´ A5001 A5008
OPR	Ontario Ministry of Health 807-986-2277 Reg PPR
PF	C-1,2,5
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 85' dia GRVL TLOF 35' dia CONC Safety Area 105' dia Max heli overall length 56.6'
LIGHTING	RY PN
COMM ATF	 tfc 122.8 5NM 4600 ASL
PRO	Arr/dep btwn 196°-211° fr heli.



URANIUM CITY SK CYBE

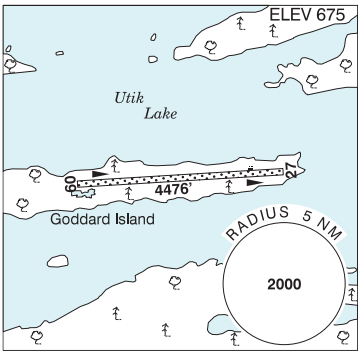
REF	N59 33 41 W108 28 53 4E 13°E (2013) UTC-6 Elev 1025´ A5023 LO1 LO5 CAP
OPR	Ministry of Hwys & Infrastructure 306-953-3263/3269 1930-2030Z Mon, Wed, Fri, O/T 2 hr PN Cert
PF	B-1 C-4,5,6
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Winnipeg IFR 204-983-8337 or 888-834-3344
SERVICES FUEL OIL	Call out chg may be levied for one or more svcs. 100LL, JA-1, HPR 14-23Z Mon-Fri exc hols O/T 306-498-2761/2118 80, 100
RWY DATA RWY CERT RCR	Rwy 06(062°)/24(242°) 3935 x100 paved - TBS Rwy 06 first 1800´ up 0.90% and last 2135´ down 0.74% Rwy 06/24 AGN IIIA District Office 306-425-4493/4494 or Opr
LIGHTING	06-AS(TE ME) P1, 24-AS(TE ME) P1 ARCAL-123.2 type K
COMM ATF	 tfc 123.2 5NM 4100 ASL



UTICA FIELD ON — See PORT PERRY / UTICA FIELD

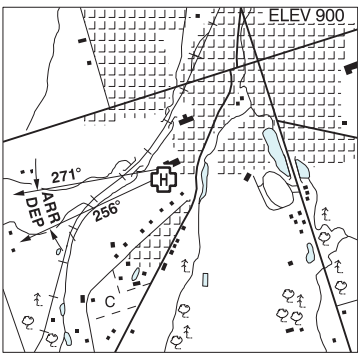
UTIK LAKE / DENNIS G PUNCHES FIELD MB — CDP3

REF	N55 17 28 W95 48 11 1°E (2023) UTC-6(5) Elev 675' A5016 LO3 RCAP
OPR	North Haven Resort 204-612-9525 Reg PPR A/D clsd Nov 02 - Apr 30
PF	C-1,2,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO 204-538-2565 H24 (see COMM) 28NM SE (CYOH) ALTIMETER ltd hrs (see COMM) 28NM SE (CYOH)
SERVICES	
S	4
RWY DATA	Rwy 09(085°)/27(265°) 4476x84 GRVL
RCR	Opr No win maint
COMM	
ATF	Oxford House UNICOM (AU) at A/D 28NM SE ltd hrs O/T tfc 122.8 5NM 3700 ASL
AUTO	122.125 Oxford House (CYOH)



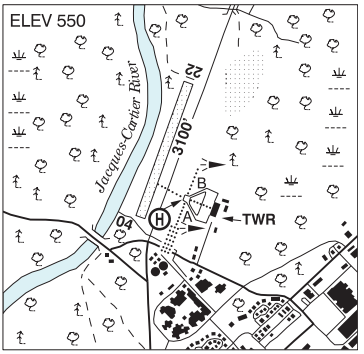
UXBRIDGE (COTTAGE HOSP) ON (Heli) — CNA5

REF	N44 06 11 W79 07 42 Adj SW 11°W UTC-5(4) Elev 900´ VTA A5000
OPR	Uxbridge Cottage Hosp 905-852-9771 Cert PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86´ dia ASPH Safety Area 114´ dia Max heli overall length 57.5´
RCR	Opr
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep 256°-271° fr heli, slope 8% (H3).



VALCARTIER (W / C J.H.L.(JOE) LECOMTE) QC (Heli) CYOY

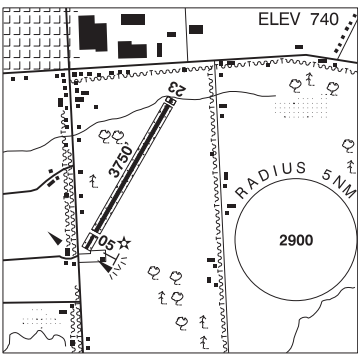
REF	N46 54 10 W71 30 13 8NNW 16°W (2013) UTC-5(4) Elev 550´ A5002
OPR	DND 418-844-5000 Ext 5764 CSN 666-5764 Mil PPR 48 hrs
PF	B-1 C-2,3,4,5,6
FLT PLN **MIL** **WX**	(bil) 418-844-5000 Ext 5286 CSN 666-5286 Met brief for mil only. Lcl Met Section CSN 666-5644 ltd hrs. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. METAR dur mil flt ops. TAF dur mil flt ops, issue times depending on mil requirements.



SERVICES	
FUEL	F-34
OIL	156, 0148, 555, H515
MIL ADV	430 Sqn Ops-Call "FAUCON OPS" 46.60 FM 418-844-5000 ext 5534 ltd hrs
HELI DATA	150´ x 150´
LIGHTING	Pad apch 04, 7 bars, 3 lgts (HI) each side of the pad, 1 row, 7 amber lgts. ARCAL-126.2 type K
COMM	
MF	45.8 FM 126.2 307.6 (E) Valcartier advsy avbl 12-04Z‡ Mon-Fri, A/D frequently clsd Sat & Sun. Opr dates & hrs may vary without notice. O/T Rng Ctl 49.9 FM.
PRO	Trans acft arr S & SW maintain 2000 AGL until established over Base area & select SIF to stand by below 1500 AGL. Heli within rstd area CYR612 & adj to CYR603. If 430 Sqn ops/MFAU clsd, call Rng Ctl 49.9 FM.
CAUTION	3100x175 GRASS rwy adj to heli. Rotary Wing ops all year round. Fixed wing ops mid May-mid Nov, ctc ops. Unsked dly radiosonde balloon launches with an ascent rate of 1000 ft/min in the vic of heli.

VALCOURT QC CSQ3

REF	N45 28 52 W72 18 37 1S 16°W UTC-5(4) Elev 740´ A5002 LO6 LO8
OPR	Aero Club de Valcourt 819-820-6540, 819-620-4640 Reg PPR
PF	C-1,2,3,5
FLT PLN **FIC**	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES **FUEL** **S**	Chg may be levied for one or more svcs 100LL PN 5

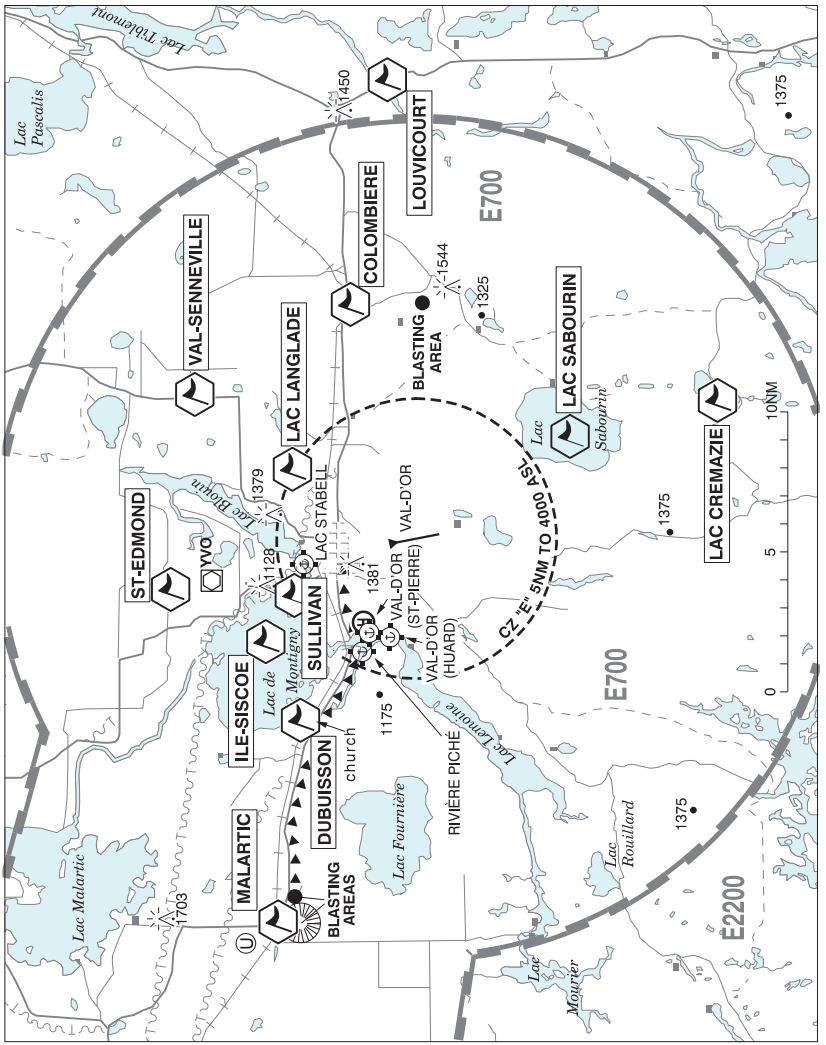


RWY DATA	Rwy 05/23 3750x40 ASPH/GRVL, centre 20´ ASPH Thld 05 displ 365´. Thld 23 displ 110´.
RCR	Opr
LIGHTING	05-(TE LO), 23-(TE LO) ARCAL-121.8 type J

VALCOURT QC (Cont'd) CSQ3

COMM	(bil)
ATF	UNICOM ltd hrs O/T tfc 122.725 5NM 3800 ASL
CAUTION	Numerous deer in the vic of the aprt. Possibility of vehicles and all-terrain vehicles on rwy. Antenna located at N45 27 35 W72 16 38 (1.9NM SE of A/D), 300 AGL, 1550 ASL, lighted day & night..

VAL-D'OR VFR TERMINAL PROCEDURES CHART

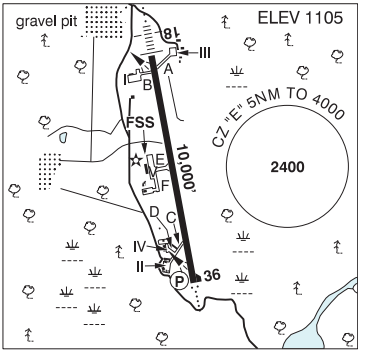


VAL-D'OR VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
COLOMBIERE	VCOLB	N48° 05' 33" W077° 34' 29"
DUBUISSON	VCDBO	N48° 06' 48" W077° 56' 48"
ILE-SISCOE	VCCSC	N48° 08' 35" W077° 52' 28"
LAC CREMAZIE	VCREM	N47° 52' 27" W077° 39' 38"
LAC LANGLADE	VCLGL	N48° 07' 38" W077° 43' 16"
LAC SABOURIN	VCSAB	N47° 57' 43" W077° 41' 32"
LOUVICOURT	VCLVC	N48° 04' 12" W077° 22' 31"
MALARTIC	VCMAL	N48° 08' 07" W078° 07' 25"
ST-EDMOND	VCSED	N48° 11' 59" W077° 49' 41"
SULLIVAN	VCSUL	N48° 07' 34" W077° 50' 00"
VAL-SENNEVILLE	VCSNV	N48° 11' 07" W077° 39' 16"

VAL-D'OR QC CYVO

REF	N48 03 12 W77 46 58 2.5S 13°W (2013) UTC-5(4) Elev 1105´ A5001 A5009 LO3 LO4 LO7 HI1 HI5 CAP
OPR	Aéroport régional de Val-d'Or 819-825-6963 Cert
PF	A-1,2,3,6,7,8 C-4,5
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	METAR 1030-0325Z‡ O/T METAR AUTO (see COMM) TAF H24, issue times: 00, 06, 12, 18Z. WxCam



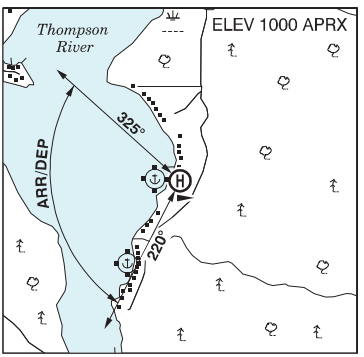
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl), F-34
OIL	All
S	1,2,3,4,5,6
JASU	10/15
SUP FL	D & A-Ice 1 hr PN 819-856-8750
PVT ADV	Avjet Q-60 (Shell) 122.85 819-874-7000 (dly Apr 1-Dec 31, Mon-Fri Jan 1-Mar 31) or 819-856-8750 (Sat-Sun Jan 1-Mar 31) 11-22Z‡ Mon-Fri, 12-22Z‡ Sat-Sun; Valpiro Inc (World Fuel Services) 129.175 819-825-3312 1200-2330Z‡ Sun-Fri, 1330-1900Z‡ Sat O/T Page 819-355-4167
MIL CON	Avjet Holding Inc 819-874-7000
RWY DATA	Rwy 18(182°)/36(002°) 10,000x150 ASPH
RWY CERT	Rwy 18 RVR 1200(1/4sm)/Rwy 36 RVR 1200(1/4sm) AGN IV
TWY CERT	Twy: A, B, C, D, F AGN IIIB
RCR	Opr 10-07Z‡ Mon-Fri, 10-2030Z‡ Sat-Sun CRFI (O/T 1 hr PN exc hols 819-825-4193), Win maint (O/T 3 hrs PN exc hols 819-825-4193). Twy A, Apron III no win maint. S100, T200, ST248, TT325. PLR/PCN

VAL-D'OR QC (Cont'd) CYVO

LIGHTING	18-AN(TE HI), 36-AO(TE HI) P2 ARCAL-118.5 type K 0325-1030Z‡
COMM	(bil)
RADIO	118.5 PTC avbl (E) 1030-0325Z‡ (emerg only 819-825-7211)
RCO	Rouyn rdo 118.5 PTC avbl (RAAS) 0325-1030Z‡ Québec rdo 122.375 (FISE) 126.7 (bcst)
MF	rdo 1030-0325Z‡ O/T Rouyn rdo 118.5 5NM 4000 ASL (CAR 602.98)
PAL	Montréal Ctr 125.9 308.3
AWOS	128.15 (English) 120.55 (French) 0325-1030Z‡
NAV	
VOR/DME	YVO 113.7 Ch 84 N48 10 31 W77 49 15 (1020´)
ILS	IVO 110.3 (Rwy 18) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 36 (CAR 602.96). REDUCED VISIBILITY OPERATIONS PLAN (RVOP): Taxiing avbl only on Twy E and Twy F during RVOP.
CAUTION	Blasting ops 0.5NM radius N48 07 41 W78 06 04 (aprx 13NM WNW A/D) sfc to 2000 AGL (3083 ASL).

VAL-D'OR (ST-PIERRE) QC (Heli) COR2

REF	N48 04 39 W77 52 07 1.9WSW 13°W (2011) UTC-5(4) Elev 1000' aprx A5001 A5009
OPR	Jean-Guy St-Pierre 819-824-9256/6931 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 60' x 60' ASPH Safety Area 80' x 80'



COMM	
RADIO	118.5 (E) 1030-0325Z‡
RCO	Rouyn rdo 118.5 (RAAS) 0325-1030Z‡ Québec rdo 122.375 (FISE) 126.7 (bcst)
MF	rdo 1030-0325Z‡ O/T Rouyn rdo 118.5 5NM centred on Val-d'Or A/D 3.8NM SE 4000 ASL (CAR 602.98)
PRO	Arr/dep 220° to 325° fr heli.
CAUTION	P-lines 1.2NM N and 2.2NM NW. Water A/D 1NM NNW, adj E and adj SW. Blasting ops 1.5NM radius N48 07 39 W78 07 21 (aprx 11NM WNW A/D) sfc to 2000 AGL (3082 MSL) 16-17Z‡ and 20-21Z‡.

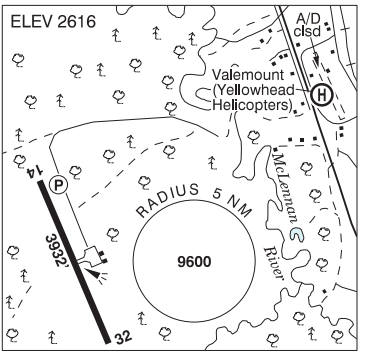
VAL-D'OR FSS – RCO

Chibougamau 122.0 (RAAS) 11-01Z‡ (N49 47 W74 32)

VALEMOUNT BC

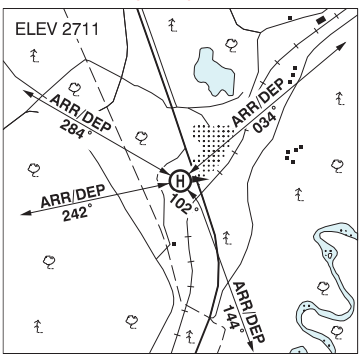
CAH4

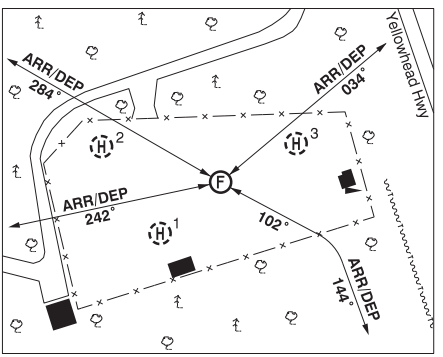
REF	N52 51 10 W119 20 11 2.3NW 16°E (2017) UTC-8(7) Elev 2616´ A5014 LO2 RCAP
OPR	Village 250-566-4435/1284 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	ALTIMETER/WIND 250-566-1284 1 hr PN 15-23Z‡ Mon-Fri (see COMM)
SERVICES	
FUEL	100LL, JA-1 self-serve cardlock, debit/credit 250-566-4435
S	4,5
RWY DATA	Rwy 14(142°)/32(322°) 3932x75 ASPH Rwy 32 down 0.33%
RCR	Opr Ltd win maint
LIGHTING	14-(TE ME) P1, 32-(TE ME) ARCAL-123.2 type K
COMM	
ATF	UNICOM (AU) 1 hr PN 15-23Z‡ Mon-Fri O/T tfc 123.2 5NM 4200 ASL
PRO	Rgt hand circuits Rwy 32 (CAR 602.96). Extv heli activity in the area, see BLUE RIVER/VALEMOUNT VTPC
CAUTION	The rwy lctd aprx 2NE of aprt is clsd.



VALEMOUNT (CMH) BC (Heli)

CMH6





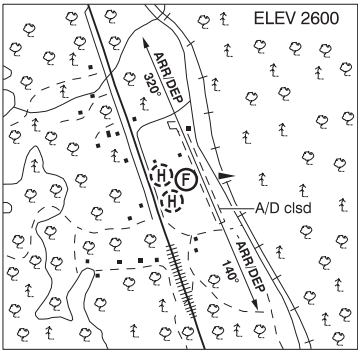
REF	N52 47 18 W119 15 24 2.6SSE 16°E (2017) UTC-8(7) Elev 2711' A5014
OPR	Canadian Mountain Holidays 250-566-4111 or 403-762-7770 Nov 1-Apr 30; 604-414-4274 May 1-Oct 31 Reg PPR
PF	C-1,2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	
FUEL	JA

VALEMOUNT (CMH) BC (Heli) (Cont'd) CMH6

HELI DATA	FATO 90' dia GRVL Safety Area 120' dia Parking Pad 1: 18' x 18' CONC Parking Pad 2: 14' x 14' CONC Parking Pad 3: 102' x 105' x 103' x 75' irregular ASPH
RCR	Opr Day only
COMM	
ATF	tfc 123.2 5NM 5800 ASL
A/G	CMH Valemount 150.845 R 156.975 T (CTCSS 179.9)
PRO	Arr/dep 034° fr heli. Arr/dep 242° fr heli. Arr/dep 284° fr heli. Arr/dep curved 102° to 144° fr heli.
CAUTION	Extv heli activity in the area, see BLUE RIVER/VALEMOUNT VTPC. P-lines aprx 30 AGL SE of heli.

VALEMOUNT (YELLOWHEAD HELICOPTERS) BC (Heli) CBV7

REF	N52 51 59 W119 17 49 17°E (2013) UTC-8(7) Elev 2600´ A5014
OPR	Yellowhead Helicopters Ltd 250-566-4401 Reg PN
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Call out chg may be levied for one or more svcs
FUEL	JA 16-24Z‡ Mon-Fri
OIL	Mobil 254 (MIL-L-23699)

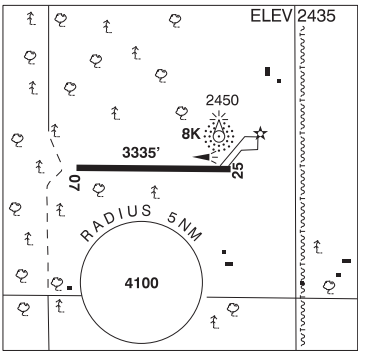


HELI DATA	FATO 75' x 75' GRASS/GRVL Safety Area 100' x 100' Max heli overall length 75'. Parking Pad 1 & 2: 35' dia CONC/ASPH
RCR	Opr
COMM	
ATF	tfc 123.2 5NM centred on Valemount A/D 1.6NM SW 4200 ASL.
PRO	Arr/dep 140° and 320° fr mid-point of abandoned rwy then final apch direct to touchdown pad (H3). Avoid overflight of lcl residence. Extv heli activity in the area, see BLUE RIVER/VALEMOUNT VTPC.

VALLEYVIEW AB

CEL5

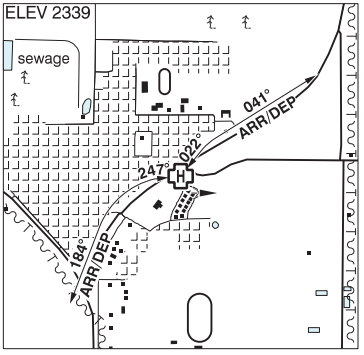
REF	N55 01 59 W117 17 40 1.9S 17°E (2012) UTC-7(6) Elev 2435´ A5014 LO1 CAP
OPR	Town 780-524-5150/5153 Reg
PF	B-1 D-2,3,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL, JB (FSII avbl) 888-778-8765
OIL	All
S	4,5,6

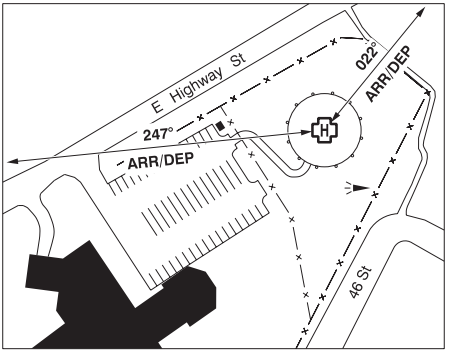


RWY DATA	Rwy 07(073°)/25(253°) 3335x75 ASPH Rwy 07 down 0.75% AGN IIIA
RCR	Opr Ltd maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 5500 ASL
NAV	
NDB	8K 229 (L) N55 02 04 W117 17 19 Pvt Unmonitored

VALLEYVIEW (HEALTH CENTRE) AB (Heli)

CVV2



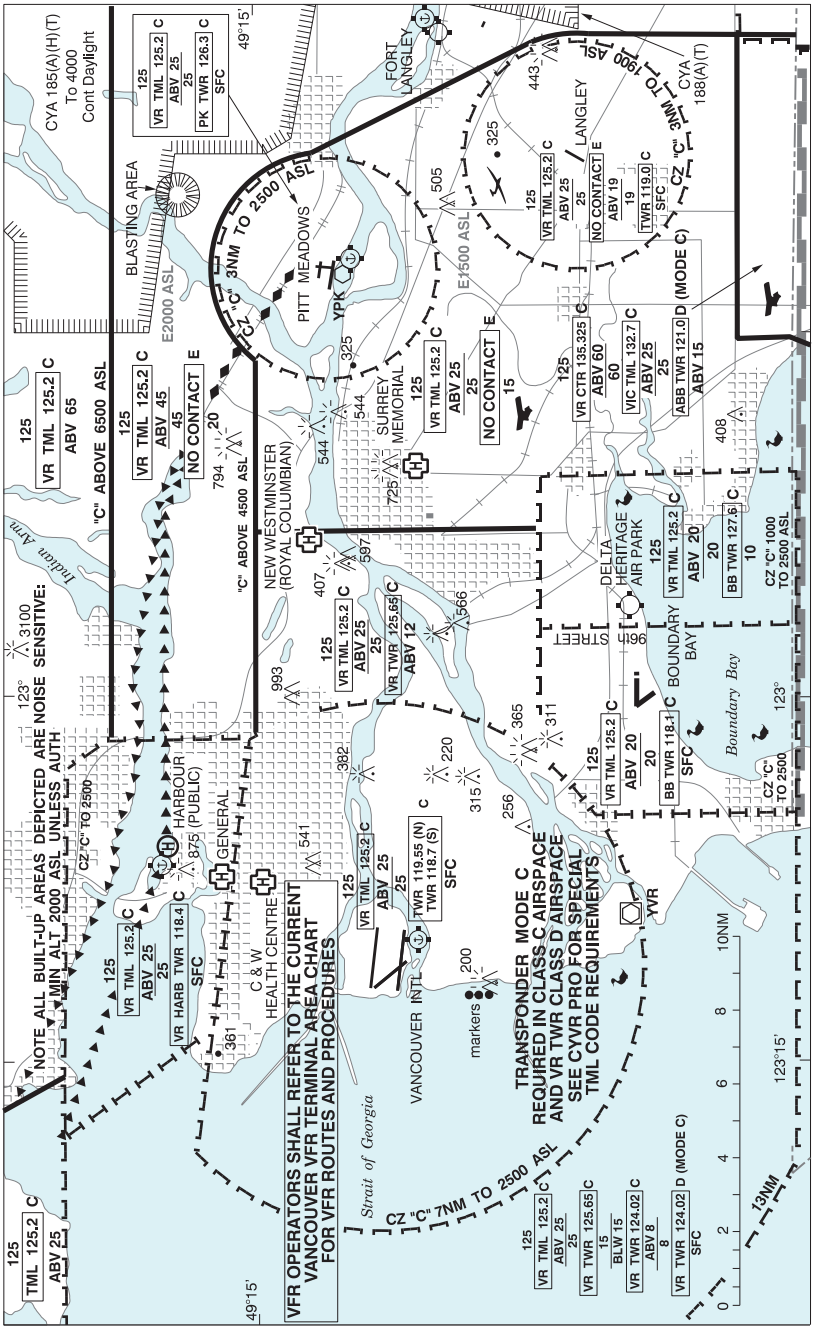


REF	N55 04 03 W117 16 18 Adj SE 17°E (2014) UTC-7(6) Elev 2339' A5014
OPR	Valleyview Health Centre 780-552-4078 Cert NVIS OPS AUTH PPR
PF	A-1,4 C-2,3,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(LO) ARCAL-123.2 type J

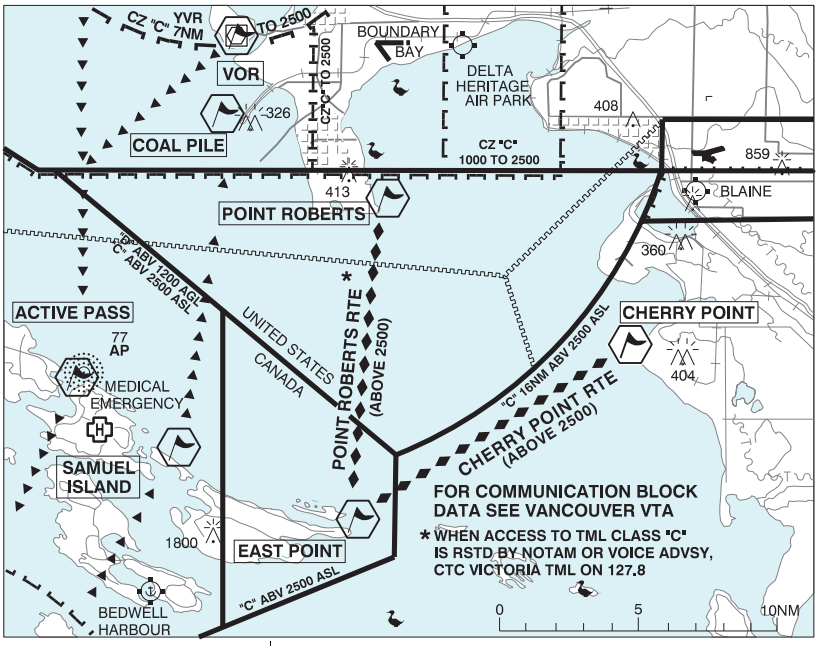
VALLEYVIEW (HEALTH CENTRE) AB (Heli) (Cont'd) CVV2

COMM	
ATF	tfc 123.2 5NM centred on Valleyview A/D 2.2NM SSW 5500 ASL
PRO	Arr/dep curved flt path 022° to 041° and Arr/dep curved flt path 247° to 184° fr heli, slope 16% (H2) (CAR 602.96)
CAUTION	Marked p-line & multiple lamp posts NE to SW of heli along Hwy 49. Trees NE, marked comm twrs E & NE to 400 AGL and lamp posts in parking lot W of heli.

VANCOUVER VFR TERMINAL PROCEDURES CHART



VTPC FOR CROSSING THE SOUTHERN STRAIT OF GEORGIA ABOVE 2500 FT



NAME	IDENT	LAT/LONG
ACTIVE PASS	VCACT	N48° 52' 24" W123° 18' 18"
CHERRY POINT	VCCHY	N48° 53' 36" W122° 47' 24"
COAL PILE	VCPYL	N49° 01' 12" W123° 09' 36"
EAST POINT	VCEST	N48° 47' 00" W123° 02' 48"
POINT ROBERTS	VCPTT	N48° 58' 30" W123° 01' 30"
SAMUEL ISLAND	VCSAM	N48° 49' 30" W123° 12' 54"
VOR	VCVOR	N49° 04' 36" W123° 08' 54"

VTPC FOR CROSSING THE SOUTHERN STRAIT OF GEORGIA ABOVE 2500 FT (Cont'd)

1. Obtain discrete transponder code prior to departure directly from 866-541-4101 or PAC RDO 123.15 or 122.375.
2. Tfc departing all other locations in the Lower Mainland/southern Vancouver Island areas:

(a) Approaching Point Roberts or White Rock (south or westbound), select discrete transponder code. Ctc Vancouver Tml 125.2. Approaching East Point (north or eastbound) select discrete transponder code and ctc Victoria Tml 127.8

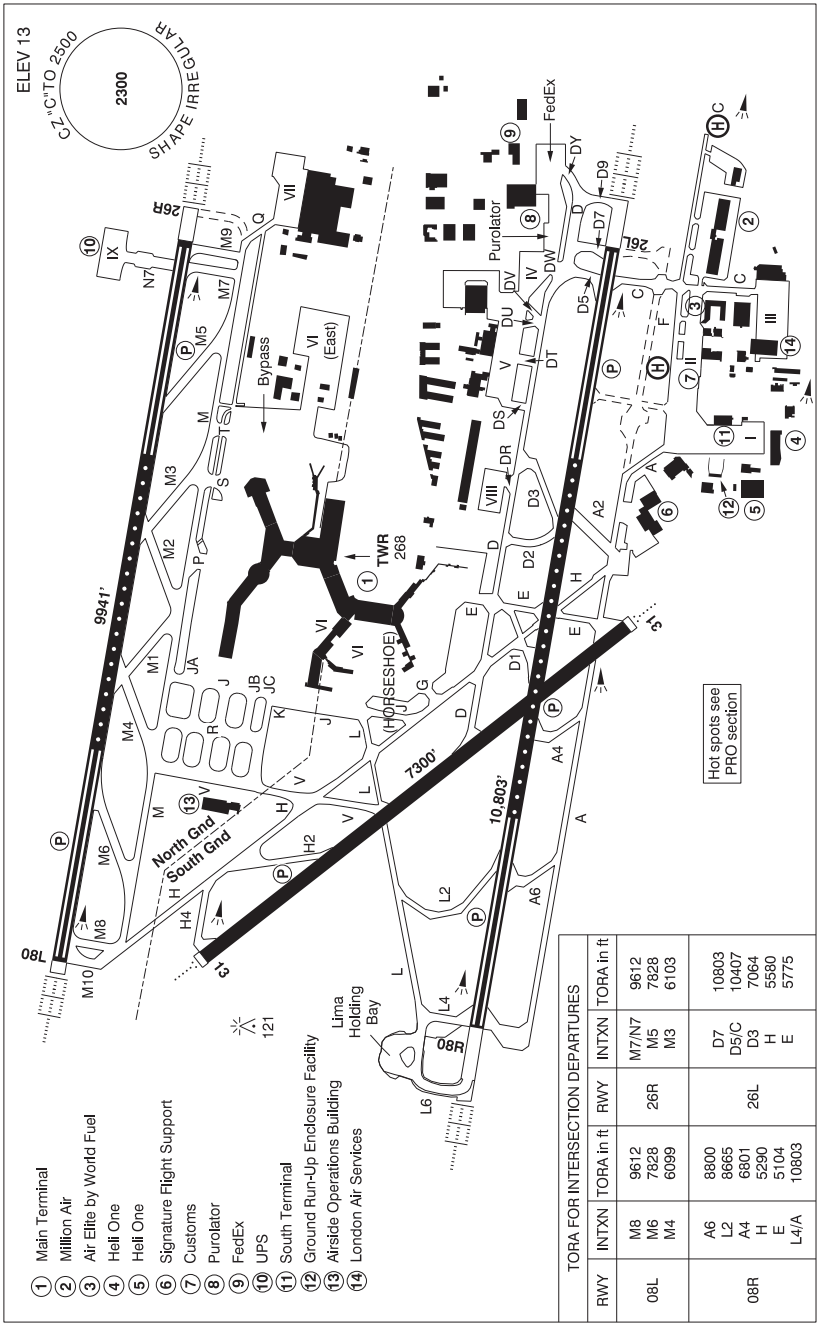
(b) Pilots will be assigned their choice of route from either: i) the eastern tip of Point Roberts to East Point, Saturna Island, or the reverse (Point Roberts Route), or ii) Cherry Point to East Point or the reverse (Cherry Point Route). Pilots may not be cleared immediately. Cleared route may include stepped climb instructions but will have a final altitude of at least 4,500 ft.

(c) ATC will to the extent possible, clear acft more direct rte to destn.

Note 1:Items a), b), and c) apply to flts arriving/departing CYVR at times when access to the Tml Class "C" Airspace (i.e. above 2500 ft) rstd by NOTAM or voice advsy.

Pilots may still elect to cross the Strait of Georgia by remaining at or below 2500 ft and clear of the Tml Class "C" Airspace.

VANCOUVER INTL BC CYVR



TORA FOR INTERSECTION DEPARTURES

RWY	INTXN	TORA in ft	RWY	INTXN	TORA in ft
08L	M8	9612	26R	M7/N7	9612
	M6	7828		M5	7828
	M4	6099		M3	6103
08R	A6	8800	26L	D7	10803
	L2	8665		D5/C	10407
	A4	6801		D3	7064
	H	5290		H	5580
	E	5104		E	5775
	L4/A	10803			

VANCOUVER INTL BC (Cont'd) CYVR

REF	N49 11 41 W123 10 57 Adj SW 17°E (2015) UTC-8(7) Elev 13' VTA A5004 LO2 HI3 T1 CAP OC
OPR	Vancouver International Airport Authority 604-207-7022 H24 Cert Ldg fees
PF	Main tml bldg A-1,2,3,4,5,6; South side tml bldg A-1,2,3,6 B-5
CUST	AOE 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 (collect calls accepted)
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z. WxCam
DUAT	Esso Avitat, Landmark (Shell Aerocentre)
SERVICES	
FUEL	100LL, JA (FSII avbl), JA-1 (FSII avbl), HPR
S	1,2,3
ARFF	DESIGNATED CAT 10
SUP FL	LHOX D & A-ice
JASU	CE16, Air Start
PVT ADV	Air Elite by World Fuel 122.85 604-270-2222; Million Air 122.95 604-273-6688; Signature Flight Support 123.325 604-279-9922; Seair Seaplanes 122.85 1-800-447-3247 604-273-8900 at adj water A/D.
MIL CON	Signature Flight Support 604-279-9922
RWY DATA	Rwy 08R(083°)/26L(263°) 10803x200 ASPH/CONC Rwy 08L(083°)/26R(263°) 9941x200 CONC Rwy 08L first 2027' down 0.3% Rwy 13(125°)/31(305°) 7300x200 ASPH/CONC RESA: 08R/26L 984'; 08L 984'; 26R 492'; 13/31 492'
RWY CERT	Rwy 08R RVR 600/Rwy 26L RVR 600 AGN VI Rwy 08L RVR 600/Rwy 26R RVR 600 AGN VI Rwy 13/31 AGN V
TWY CERT	Twy A AGN IV East of Twy E & AGN V West of Twy E. Twy: A2, D2 AGN IIIA Twy: A4, A6, D1, DU, DV, E, H4, JB, JC, L2, M1, M2, M3, M4, M8, N7, P, Q, T AGN V Twy C AGN IIIB South of Twy F & AGN IV North of Twy F. Twy: DR, DS, DW, DY, G, H2, S AGN IV Twy F AGN IIIA East of Twy C & AGN IV West of Twy C. Twy H AGN IV South of Rwy 08R/26L Twy J AGN V South of parking position W2 Twy K AGN V East of Twy R Twy L AGN V East of Rwy 13/31
TWY	**Rwy 08L Arrivals** Use of reverse thrust is to be avoided or reduced when conditions permit. M1, M3, M5 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h). **Rwy 08R Arrivals** Acft exiting onto D1, turn north on E, do not stop in Rwy area (See HOT SPOT 4). D1, D3 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h).

VANCOUVER INTL BC (Cont'd) CYVR

RWY DATA (cont'd)
TWY (cont'd)

Rwy 13 Departures
Not avbl for acft with wingspan greater than 65.0m/213.3' (A380/B747-8/AN124). Not auth for A340-600, A350-900/-1000, B777-300/-300ER, B787-10.
Rwy 26R Arrivals
Use of reverse thrust is to be avoided or reduced when conditions permit. M2, M4, M6 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h).
Rwy 26L Arrivals
Turns onto Rwy 31 NOT AUTHORIZED without clearance. Acft exiting onto Rwy 13/31: RIGHT turns onto D avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Acft exiting onto H, hold short of D, do not stop in Rwy area (See HOT SPOT 4).
Rwy 31 Arrivals
Not avbl for acft with wingspan greater than 65.0m/213.3' (A380/B747-8/AN124). Not auth for A340-600, A350-900/-1000, B777-300/-300ER, B787-10.
Uncontrolled twys: C (south of F), F, J (btwn L & K), Q, DR, DS, DT, DU, DV & DW.
Uncontrolled vehicle crossings: DS, DT, DU, DV, DY, F, H (north of H4), J, JA, JB, JC, K, N7, P, Q, R, S, T, V.
All Twys: Discretionary oversteer is required at every intersection for all acft types.
Twy A (W of Twy E): Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy A Compass Rose: Not avbl SS-SR.
Twy A2: Avbl to acft with MTOW 50,000lbs (DHC-8 300/Lear 60) & less.
Twy A4, A6, D1, DU, H4, L2, M1, M2, M3: Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy C (south of F): Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Follow me required below RVR 1200, ctc Aprt Ops.
Twy D: CAUTION: Acft cannot safely taxi via Twy D east or west past acft at the Twy D5 or Twy D7 runway holding positions.
Twy D (eastbound): LEFT turns onto H avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only.
Twy D (westbound): No left turns onto H. No left turns onto D7.
Twy D1, D3, M1-M6 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h).
Twy D2: Avbl to acft with MTOW 100,000lbs (CRJ-900) & less.
Twy D7: No RIGHT turns onto D.
Twy DW: Avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only.
Twy E: Entry & exit at Apron VI avbl to acft with wingspan 60.4m/198.2' (A330-300/B787-9) & smaller only.
Twy E (N of Rwy 08R/26L): Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy F (east of C): Avbl to acft with wingspan 24.9m/81.7' (CRJ-900) & smaller only. Follow me required below RVR 1200, ctc Aprt Ops.
Twy H (southbound): No RIGHT turns onto A, L, or H4. RIGHT turns onto D avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. No LEFT turns onto D1.
Twy H (northbound): No LEFT turns onto V. No RIGHT turns onto D. RIGHT turns onto L avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only.
Twy J (southbound): A340, B747 not auth south of Twy K due jet blast (avbl for acft under tow). All acft use min thrust when turning due jet blast.
Twy J (northbound): LEFT turns onto K avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only, due jet blast (avbl for acft under tow).
Twy L: Entry & exit at Apron VI avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. No RIGHT turns onto V.
Twy L4 (northbound): Acft with wingspan greater than 52.0m/170.6' (A310/B767) cannot hold short of L while exiting/crossing Rwy 08R/26L due to acft tail height.
Twy M: When A380 is on the taxilane btwn Gate 66 & Twy P, Twy M btwn Twy J and Twy T is avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only.
Twy M4: LEFT and RIGHT turns onto M not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
M11: Clsd.
Twy P: RIGHT turns onto M avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only, due jet blast (avbl for acft under tow).
Twy Q: Follow me required below RVR 1200, ctc Aprt Ops.
Twy V: No LEFT turns onto L.

VANCOUVER INTL BC (Cont'd) CYVR

RWY DATA (cont'd)	
APRON	Apron I, II, III, IV, V, VI, VIII: PPR Airport Ops is required. PPR for all engine airstarts or crossbleed starts. Advise ATC if ground crew not present at gate. Acft pushing back from Gates 40 thru 43 ctc 127.15 (North). Apron I: Avbl to acft with wingspan 24.9m/81.7' (CRJ-900) & smaller only. Apron II, VIII: Avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Apron III: Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Jets tow in & out. Apron IV: Avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only. Taxilane east of DW avbl to acft with wingspan 32.1m/105.3' (CV-580) & smaller only. Btwn DW & FedEx not auth for taxi below RVR 1200, follow me required, ctc Aprt Ops. Apron VI (Horseshoe): Taxilanes avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (South): Taxilane btwn G & parking position S1 avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Apron VI (South): Taxilane east of parking position S1 avbl to acft with wingspan 60.4m/198.2' (A330-300/B787-9) & smaller only. Apron VI (North): Travelling eastbound, turns onto P avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only due jet blast (avbl for acft under tow). Apron VI (North): When A380 is on M between J & T, the taxilane between Gate 66 & T is avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only. Apron VI (East): Bypass taxilane (amber inset lighting) avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (East): Simultaneous use of dual taxilanes avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (East): Pushbacks from parking positions E1-E3 to west taxilane. Pushbacks from parking positions E10-E19 to south taxilane. Apron FedEx, Purolator: Btwn Purolator & FedEx Aprons: Avbl to acft with wingspan 17.4m/57.1' (Metro III) & smaller only.
RCR	Opr CRFI, PLR/PCN
HELI DATA	Pad B: FATO 79' x 79' CONC TLOF 47' x 47' CONC Safety Area 106' x 106' Max heli overall length 52.6' Pad C: FATO 108' dia CONC/ASPH TLOF 33' x 33' CONC Safety Area 148' dia Max heli overall length 73'
LIGHTING	08R-AL(TE HI A TDZL) P3, 26L-AL(TE HI A TDZL) P3, 08L-AL(TE HI A TDZL) P3, 26R-AL(TE HI A TDZL) P3, 13-AO(TE ME) P3, 31-AO(TE ME) P3 Pad B: RY(HI) Pad C: RY(HI)
COMM	
RCO	Pacific rdo 123.15 (FISE)
ATIS	124.6 restrictions are bcst on ATIS 1-877-517-2847
CLNC DEL	121.4 all dep acft ctc clnc del
GND	121.7 (South) 127.15 (North) 275.8
TWR	118.7 (South) 119.55 (North) VFR 124.02 125.65 226.5 236.6 (E) (emerg 604-775-9531)
TML	125.2
ARR	128.6/128.17 (Outer) 133.1 (Inner) 134.225 (Inner) 352.7
DEP	126.125 (North) 132.3 (South) 363.8
NAV	
VOR/DME	YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')
DME	IVR 109.5 Ch 32 N49 11 18 W123 12 03 (18') IFZ 110.7 Ch 44 N49 11 02 W123 09 55 IMK 111.1 Ch 48 N49 11 48 W123 11 59 (21') IRD 111.95 Ch 56(Y) N49 12 07 W123 09 51 (24') ITL 110.55 Ch 42(Y) N49 12 20 W123 11 47 (23')
ILS	IFZ 110.7 (Rwy 26L) RVR LOC reliable only within 10° either side of centreline; IVR 109.5 (Rwy 08R) RVR LOC reliable only within 10° either side of centreline; IMK 111.1 (Rwy 13) LOC reliable only within 10° either side of centreline; ITL 110.55 (Rwy 08L) RVR LOC reliable only within 10° either side of centreline; IRD 111.95 (Rwy 26R) RVR LOC reliable only within 10° either side of centreline

VANCOUVER INTL BC (Cont'd) CYVR

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on manoeuvring areas. CAC are available for free on the NAV CANADA website.

AIRSPACE: See VTA chart for VFR rtes & pro. Procedures for crossing the southern Straight of Georgia within Tml Class C airspace refer to VTPC. Transponder mode C rqrd in class C airspace and CZ. CARS Part VII operators must ensure routes flown at night meet minimum altitude requirements for commercial operations.

MULTILATERATION: Pilots must keep their transponder on at all times when manoeuvring on the airport (turn on prior to contacting Ground Control for pushback and on arrival, remain on until final engine shutdown).

Pilots that do not have transponder code issued by ATC squawk 1000 when taxiing.

AIRPORT: Peak tfc 14-02Z‡. Noise abatement see Canada Air Pilot & VTA chart. Run-ups, crossbleed starts, airstarts & jet engine starts on gate (Aprons I, II, III, IV, V, VI, VIII): PPR Airport Ops. No ab initio tng. For water A/D info refer to CWAS.

APU SHUTDOWN PROCEDURE: Acft Auxiliary Power Unit (APU) use shall be limited to 15 min or less in total between on-block time and departure of acft from stands supplied with gnd power unit (GPU) and/or preconditioned air, for environmental reasons. Acft on stands not equipped with svcbl GPU and/or preconditioned air need not comply with above limitation.

DE-ICING GENERAL:

Overview

West Pads is the Central De-Icing Facility (CDF) and handles de-icing for all aircraft excluding South Terminal aircraft capable of utilizing the Ground Run-Up Enclosure (GRE) which is the South De-Icing Facility.

West Pads (CDF)

1. Thirty (30) min prior to pushback or taxi, advise "VANCOUVER DE-ICE" on 129.95 and advise, "ACFT DE-ICING REQUIRED".
2. When requesting pushback or taxi clearance, ctc Ground Control on assigned frequency and advise, "ACFT DE-ICING REQUIRED". Ground Control will issue taxi instructions to the West Pads (CDF).
3. Aircraft queuing into CDF is on W12 via Twy V or on Twy R via Twy M/Twy K. When instructed by Ground Control, ctc "PAD CONTROL" 131.975.
4. Follow "PAD CONTROL" instructions to de-icing bay, stop with nose gear positioned on the yellow STOP BAR with brakes set.
5. Once aircraft is in final stop position, brakes are set and aircraft configured for de-icing, ctc "ICEMAN" on 130.700 and advise, "BRAKES SET, ACFT CONFIGURED, READY TO DE-ICE". At this time, pass along any specific fluid and/or treatment requirements.
6. After de-icing is completed and the aircraft has been inspected, "ICEMAN" will provide post-treatment information.
7. When advised by "ICEMAN", ctc "PAD CONTROL" on 131.975 for exit instructions.
8. When advised by "PAD CONTROL", ctc Ground Control on assigned frequency for taxi instructions.

UNDER NO CIRCUMSTANCES MAY THE AIRCRAFT BE MOVED BEFORE PAD CONTROL ADVISES THAT THE AIRCRAFT IS CLEARED TO TAXI OUT OF THE BAY.

VANCOUVER INTL BC (Cont'd) CYVR

PRO (Cont'd)

West Pads (CDF) De-Icing Bay Capacity:

W1 & W3: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W2: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W4: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W5: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W6: Maximum wingspan 24.9m (81.7'), AMBER inset lighting;
W7 & W9: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W8: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W11 & W13: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W12: Maximum wingspan 79.9m (262.1'), GREEN inset lighting;
W15: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W17 & W19: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W18: Maximum wingspan 79.9m (262.1'), GREEN inset lighting.

Ground Run-up Enclosure (GRE)
Operators must receive an orientation for the GRE facility prior to use.

Crews may contact the "VANCOUVER DE-ICE" or call Aero MAG Operations at (604) 278-1901 to schedule de-icing up to 120 minutes prior to departure. Information required: aircraft type, flight number/call sign, and the type(s) of fluids required. Parking position 2A, on Apron I, is the only staging position for the facility. Aircraft waiting to use the GRE must remain on their aprons until 2A becomes available.

"ICEMAN" will advise if engines should be running during de-icing.

Entry Procedure

1. Before contacting Ground Control for taxi, contact "ICEMAN" 130.925 for position in de-icing queue.
2. When "ICEMAN" approves access to either the staging position (2A) or GRE, contact Ground Control on assigned frequency for taxi.
3. Proceed as instructed by "ICEMAN". CAUTION: DO NOT enter GRE until instructed by "ICEMAN".
4. Advise "ICEMAN" 130.925 when stopped in the GRE.

De-Icing Procedure

5. Contact "ICEMAN" 130.925 to confirm brakes set, aircraft configured, engines idle, and provide fluid requirements.
6. After de-icing is complete and the aircraft has been inspected, ICEMAN will provide posttreatment information.

Exit Procedure

7. When ready to taxi, contact "ICEMAN" 130.925 for instructions.
8. When advised by "ICEMAN", ctc Ground Control on assigned frequency for taxi instructions.

GRE De-Icing Capacity:
The largest aircraft that can access the GRE via taxilane on Apron II are:

Propellers (power in/out): Maximum wingspan: 28.9m (94.8') (DH8-Q400 and smaller)
Jets (power in/out): Maximum wingspan: 21.6m (70.9') (Dassault Falcon 900 with winglets and smaller)
Jets (tow in, power out): Maximum wingspan: 28.9m (94.8') (Global Express)

VANCOUVER INTL BC (Cont'd) CYVR

PRO (Cont'd)

ATC:
IFR Clearance Acknowledgement
IFR clearance read back with Vancouver Tower clearance delivery shall include the acft call sign, assigned SID name and transponder code.
Ground Control Procedure
YVR GND is divided into two sectors with separate freq. Ctc the next GND sector crossing the N/S boundary unless otherwise instructed by ATC.
Apron VI Users: See Standard Taxi Arrival/departure Procedures.

PARKING: W1-19 power in and out; E1-E19 power in & tow out.

ARRIVALS:
Flow Times - IFR
Acft planning IFR flt (including round-robin tng & test flt) into CYVR should ctc ATS prior to dep to determine flow status. If unable to determine thru ATS, ctc National Traffic Management Unit (FLOW CTL) 877-987-2055.
ATS REQUIREMENTS:
- All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code.
- All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary.
- All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadowsor call Kamloops FIC at 866-541-4101 or PAC RDO 123.15.
-All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.
DEPARTURES:
Coded Taxi Routes
READ BACK: "CODE ROUTE (code) & ASSIGNED RWY"
Monitor TWR freq approaching the hold line of the assigned rwy, unless otherwise instructed by ATC.
Rwy 08R/26L - TWR 118.7 Rwy 08L/26R -TWR 119.55

VANCOUVER INTL BC (Cont'd) CYVR

PRO (Cont'd)

CODE	TAXI ROUTE	
Echo	Rwy 08R	- E, D, H, hold short L.
	Rwy 08L	- E, D, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
	Rwy 26R	- E, D, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
	Rwy 26L	- E, D.
Golf	Rwy 08R	- G, H, hold short L.
	Rwy 08L	- G, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
	Rwy 26R	- G, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
	Rwy 26L	- G, H, D.
Juliet-Alpha*	Rwy 08R	- JA, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- JA, J, M, M10
	Rwy 26R	- JA, J, M, M9
	Rwy 26L	- JA, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
Juliet-Bravo*	Rwy 08R	- JB, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- JB, J, M, M10
	Rwy 26R	- JB, J, M, M9
	Rwy 26L	- JB, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
Juliet-Charlie*	Rwy 08R	- JC, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- JC, J, M, M10
	Rwy 26R	- JC, J, M, M9
	Rwy 26L	- JC, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
Lima	Rwy 08L	- L, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
	Rwy 26R	- L, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
	Rwy 26L	- L, J, H, D
Papa*	Rwy 08R	- P, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- P, M, M10
	Rwy 26R	- P, M, M9
	Rwy 26L	- P, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
Sierra	Rwy 08R	- S, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- S, M, M10
	Rwy 26R	- S, M, M9
	Rwy 26L	- S, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
Tango*	Rwy 08R	- T, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
	Rwy 08L	- T, M, M10
	Rwy 26R	- T, M, M9
	Rwy 26L	- T, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

*A340-600, A350-900/-1000, B777-300/-300ER, B787-10 Taxi Routes

VANCOUVER INTL BC (Cont'd) CYVR

PRO (Cont'd)
NOISE

NOISE ABATEMENT PROCEDURES:
These procedures apply to JET ACFT unless noted otherwise.
DEP PROCEDURES
JET ACFT
1. NADP 1 or 2 (Noise Abatement Dep Proc) required for all runways. Advise ATC CLNC DEL if using NADP 1. Follow SID to 3000' BPOC.
2. Rwy 08R btn 2300- 0600 local; acft on westerly routes follow assigned SID to 2000' BPOC.
3. ICAO Annex 16 Chapter 2 or FAA part 36 Stage 2 cert acft; departures on runways 08L and 26R not permitted.

ARR PROCEDURES
IFR APPROACHES & PUBLISHED VISUAL APPROACHES
Use low power/drag profiles consistent with safe oprg procedures, conforming to published visual approaches and as directed by ATC.
VFR APPROACHES
Conform to published VTA routes and as directed by ATC.
REVERSE THRUST - LDG
All runways: Use of reverse thrust is to be avoided or reduced when conditions permit.
NIGHT RESTRICTIONS
LOCAL TIME PROCEDURE
1. **0001- 0600: Dep** of ICAO Annex 16 Chapter 2 or FAA FAR Part 36 Stage 2 cert JET ACFT 34,000 kg and over not permitted.
2. **0001- 0600: Dep** of JET AIRCRAFT rated over 34,000 kg (MTOW), regardless of actual take-off weight, require prior approval from YVRAA OPERATIONS.
3. **2200- 0700: Dep/Arr** of all acft on runways 08L & 26R not permitted*.
4. **2200- 0700: Local Tng Flights** not permitted.

* **See CONTACT & APPROVALS Section below.**

ALL AIRCRAFT (Priority Flights Exempt)

LOCAL TIME	PREFERENTIAL RUNWAY USAGE
1. 0600-2300	Defer to westerly flow
One direction flow	Minimize departures on Rwy 13 and arrivals on Rwy 31
2. 2300-0600	Westerly flow for departures and easterly flow for arrivals
Two direction flow	Minimize departures on Rwy 13 and arrivals on Rwy 31

Subject to limiting factors including: physical condition of surfaces; irregular airfield operations; crosswind and tailwind conditions; and traffic volume. (MEDEVACS EXEMPT)

ENGINE RUN-UP RESTRICTIONS
Maint engine run-ups for all ACFT require prior approval from YVRAA OPS. Guidelines are contained in the Aprt Ops Directive, Acft Engine Run-ups.

ENGINE START RESTRICTIONS
PPR YVR OPS for all engine airstarts or crossbleed starts on Aprons I, II, III, IV, V, VI, VIII.

ALT RESTRICTIONS
1. Exclusive of the dep & arr procedures, no departing or arriving acft shall opr over the City at less than 5000' ASL (8000' btn 2300-0700 local time - except acft oprg on published RNAV STAR).
2. The City is defined as that area lying btn the S arm of the Fraser River and the N Shore Burrard Inlet and from Point Gray to the eastern bdry of the Vancouver Control Zone.

VANCOUVER INTL BC (Cont'd) CYVR

PRO (Cont'd) NOISE (cont'd)	**CONTACT & APPROVALS** Night Restrictions #3: YVRAA OPS may permit exemptions for emergencies and airfield maint. For planning purposes, Rwy 08L/26R will be the operational runway whenever Rwy 08R/26L is unavailable due to emergencies or airfield maintenance. **Tel: 604-207-7022, Airport_Operations@yvr.ca** **IT IS THE PILOT'S RESPONSIBILITY TO ADHERE TO PUBLISHED NOISE ABATEMENT PROCEDURES.** **Airport Reservation Office (ARO)** Airport Reservation Office (ARO) pro for all General and Business Aviation acft operating IFR & VFR flt. Operators must file a dep and arr reservation through the Online Coordination. System (OCS): https://www.online-coordination.com/. For more information contact ARO at 604-303-3193.
CAUTION	Oct-Apr Migratory birds in vic of aprt; resident Snow Goose population, Significant hazard at and BLW 400 AGL W of the thld of Rwy 08R and Rwy 08L out to 1.9NM. ALL JET ACFT: Light acft susceptible to jetblast when turning fr Twy F on to Twy C. Frequent VFR float acft activity on river S side of aprt.

VANCOUVER CENTRE (emerg only 604-586-4500) CZVR

124.075 **124.075** 127.925 **127.925** 133.7 **133.7** 134.4 134.8 **134.8** 135.325 245.0 **245.0** 350.7 **350.7**
Burns Lake 123.875 **123.875** 132.525 **132.525**
Castlegar 134.2 **134.2** 227.3 **227.3**
Cranbrook 133.6
Enderby 134.55 **134.55** 381.9 **381.9**
Kains Mountain 133.775 **133.775**
Kamloops 132.35 133.5 134.4 **134.4** **135.5** 236.0 **236.0**
Port Hardy 132.2 **134.6** 266.3 **266.3**
Prince George 133.8 **133.8**
Prince Rupert 133.675 **133.675**
Princeton 135.0 **135.0** 351.3 **351.3**
Puntzi 135.05 **135.05**
Sandspit **133.4** 227.2 **227.2**
Terrace 128.4 **128.4** 269.1 **269.1**
Tofino 132.9 **132.9** 134.925 **134.925** 254.9 **254.9**
Williams Lake 134.0 **134.0** 381.4 **381.4**

VANCOUVER / BOUNDARY BAY HELI VFR TERMINAL PROCEDURES CHARTS

VANCOUVER / BOUNDARY BAY HELI VFR TERMINAL PROCEDURES CHARTS

NAME	IDENT	LAT/LONG
91 INTERCHANGE	VCBBB	N49° 05' 29" W122° 53' 45"
GAS STATION	VCGAS	N49° 05' 30" W122° 57' 24"
LANDFILL	VCLFL	N49° 06' 06" W123° 00' 24"

VANCOUVER / BOUNDARY BAY RUNWAY 07/13 ARR/DEP

ATIS	TWR		GND
	OUTER	INNER	
125.5	127.6	118.1	124.3

VR TML ABV 2000 ASL 125.2

O/T TFC 118.1 (MF TO 2000 CZ IRREGULAR)

PROCEDURE NOT AUTH OUTSIDE TWR HRS OF OPS AND CAR PART 7 OPS AT NIGHT.

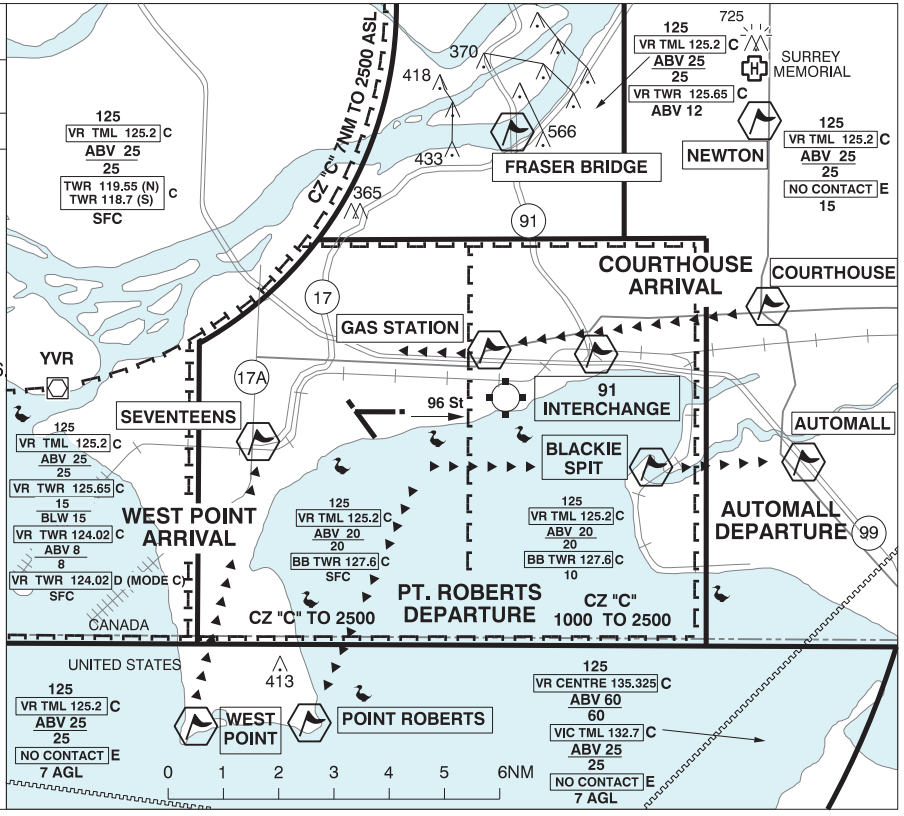
COURTHOUSE ARR
Report Inbound over **COURTHOUSE** on 127.6. Track Inbound over HWY 10. Cross abeam **91 INTERCHANGE** at or below **1500'**. Not below **1000'** until West of **GAS STATION**.

AUTOMALL DEP
Through **800'** contact 127.6. Cross abeam 96 St **1000'** or above. Cross **BLACKIE SPIT** above **1500'**. Continue direct **AUTOMALL**.

WEST POINT ARR
Report Inbound over **WEST POINT** on 127.6. Cross border **2000'** or below. Cross **SEVENTEENS** at **1000'** or above. Remain over land.

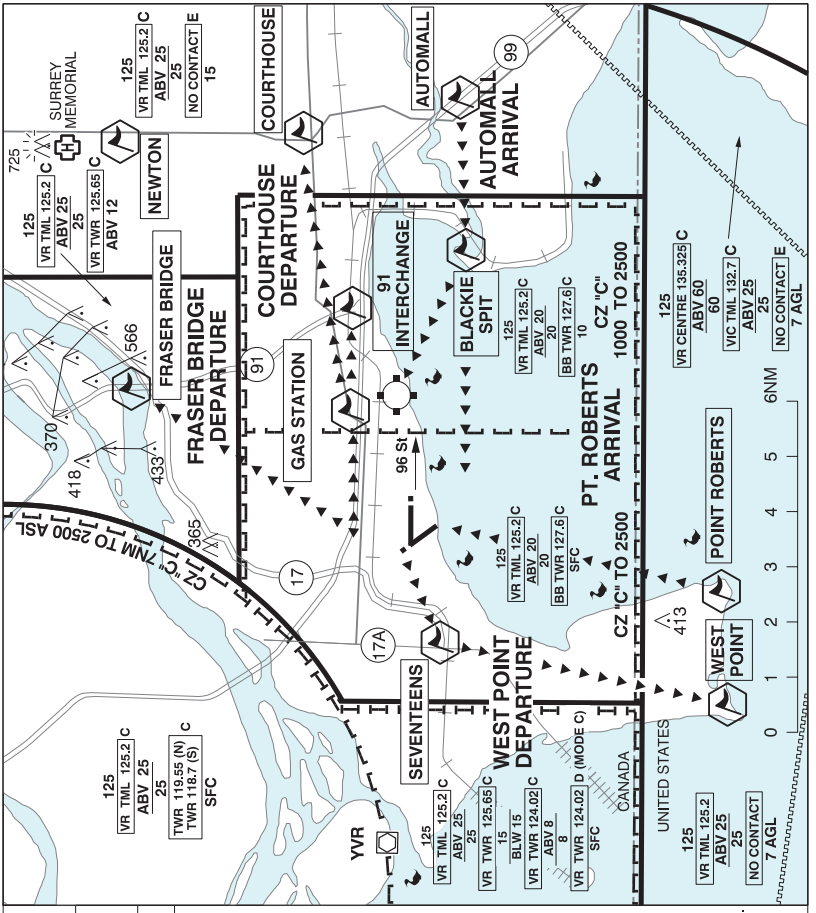
POINT ROBERTS DEP
Through **800'** contact 127.6. Remain over water direct to **POINT ROBERTS**. Not above **2000'** unless approved.

All circuits **800 ASL**.



VANCOUVER/BOUNDARY BAY VFR TERMINAL PROCEDURES CHARTS RWY 07&13

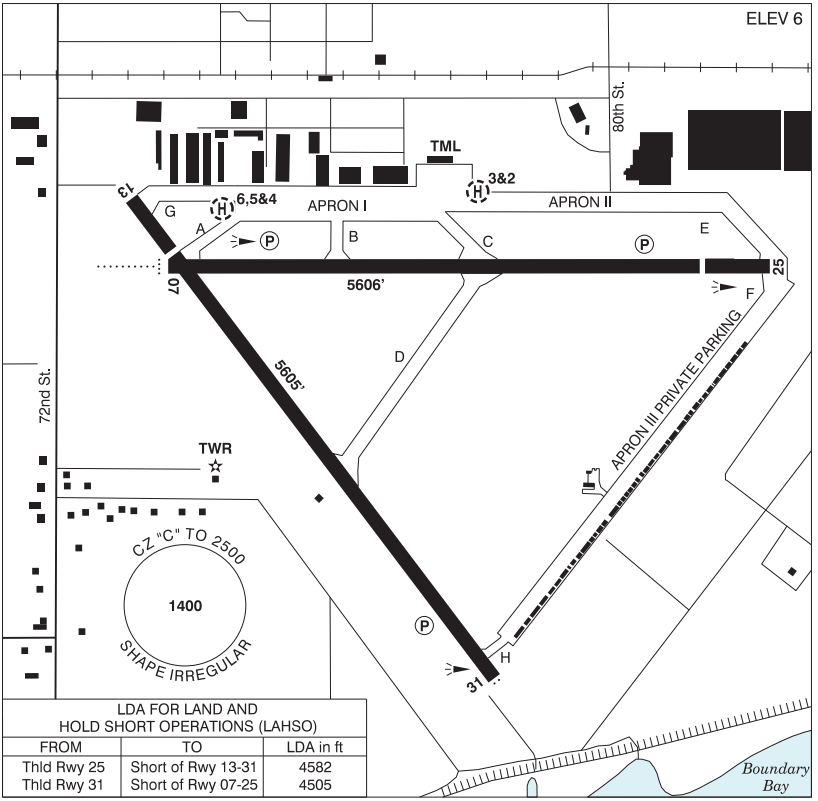
VANCOUVER/BOUNDARY BAY VFR TERMINAL PROCEDURES CHARTS RWY 25&31



VANCOUVER/BOUNDARY BAY VFR TERMINAL PROCEDURES CHARTS (Cont'd)

NAME	IDENT	LAT/LONG
91 INTERCHANGE	VCBBB	N49° 05' 29" W122° 53' 45"
AUTOMALL	VCATO	N49° 03' 29" W122° 48' 25"
BLACKIE SPIT	VCBSP	N49° 03' 34" W122° 52' 47"
COURTHOUSE	VCCRT	N49° 06' 18" W122° 49' 54"
FRASER BRIDGE	VCFRZ	N49° 09' 36" W122° 56' 36"
GAS STATION	VCGAS	N49° 05' 30" W122° 57' 24"
NEWTON	VCNEW	N49° 08' 24" W122° 50' 36"
POINT ROBERTS	VCPTT	N48° 58' 30" W123° 01' 30"
SEVENTEENS	VCSEV	N49° 03' 30" W123° 03' 24"
WESTPOINT	VCWPT	N48° 58' 18" W123° 05' 00"

VANCOUVER / BOUNDARY BAY BC — CZBB



LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)

FROM	TO	LDA in ft
Thld Rwy 25	Short of Rwy 13-31	4582
Thld Rwy 31	Short of Rwy 07-25	4505

REF	N49 04 24 W123 00 30 8.5SSE 17°E (2011) UTC-8(7) Elev 6´ VTA A5004 LO2 HI3 T1 CAP

VANCOUVER / BOUNDARY BAY BC (Cont'd) CZBB

OPR	Alpha Aviation Inc. 604-946-5361 Cert PPR (see PRO)
PF	A-1,2,3,6 C-4,5
CUST	AOE/15 888-226-7277 18-02‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591; IFR tng flts PPR ctc 604-586-4592
WX	LWIS H24 LAWO 15-07Z‡
SERVICES	
FUEL	100LL (truck or H24 cardlock), JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Boundary Bay Air Services 122.95 or 866-946-2922 15-02Z‡ O/T call out chg
RWY DATA	Rwy 07(073°)/25(253°) 5606x100 ASPH Thld 25 displ 600' Rwy 13(126°)/31(306°) 5605x100 ASPH Thld 13 displ 656'
RWY CERT	Rwy 07/25 AGN IIIB Rwy 13/31 AGN IIIB
TWY	Twy F pvt use only. Twy F rstd to acft with wingspans 50' or less.
APRON	Apron 3 pvt prkg only. No itinerant acft.
RCR	Opr CRFI/RSC avbl 15-04Z‡ No win maint btwn 04-15Z‡
HELI DATA	Parking Pads 2 & 3: 68' dia CONC Max heli overall length 57' Parking Pads 4 & 6: 60' dia CONC Max heli overall length 50' Parking Pad 5: 65' dia CONC Max heli overall length 54' Parking Pads 2 & 3 day use tkof/ldg, hover, taxi & prkg. Ngt use prkg only (CAR 602.96).
LIGHTING	07-AD (non-std 1400') (TE ME) P2, 25-(TE ME) P2 3.5°, 13-(TE ME), 31-AS(TE ME) P2 When TWR clsd ARCAL-118.1 type K.
COMM	
ATIS	125.5 1-877-517-2847 15-07Z‡
GND	124.3 15-07Z‡
TWR	118.1 (inner) 127.6 (outer) (V) to 2000 ASL 15-07Z‡ (emerg only 604-946-0911) Vancouver TML 125.2 abv 2000 ASL
MF	tfc 118.1 to 2000 ASL 07-15Z‡ Vancouver TML 125.2 abv 2000 ASL. CZ shape irregular to 2500 ASL. (CAR 602.98) Excluding that portion which penetrates Delta Heritage Air Park ATF dur daylight hrs.
NAV	
VOR/DME	VANCOUVER YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')
PRO	VFR acft with transponder squawk code assigned by ATC. All circuits 800 AGL. Rgt hand circuits Rwys 25 & 31 (CAR 602.96). Rwy 13/31 preferred for ngt ops. Pilots to open/close Flt Plns with Kamloops FIC via phone or Kamloops FIC 123.15 when practicable. Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl VTPC. No circuits Rwy 07/25 23-07 lcl. Avoid over-flying noise sensitive area unless unable due to crosswind limitations or other safety considerations or as directed by ATC. Arr/Dep: No turns BLW 400'. After dep Rwy 25 turn crosswind as rqrd to remain E of railway tracks. Arr Rwy 07 turn base E of noise sensitive area. No departures fr taxi B. Conform to published VTA routes and as directed by ATC. PPR for Jet acft and acft over 12500 lbs GTOW. Ctc OPR for advsy info.

VANCOUVER / BOUNDARY BAY BC (Cont'd) CZBB

PRO (Cont'd)

ATS REQUIREMENTS:
All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code.
- All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 or 122.375 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary.
- All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows, or call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 or 122.375.
- All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 or 122.375 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.

Delta Heritage Air Park 2.5NM E no overflights below 1000 ASL. (See VTPC).

All arriving and transiting A/C Contact TWR 127.6 on initial contact.
All Departures contact TWR 127.6 climbing through 800 ASL unless otherwise instructed.

Rwy 07 or 13:
Arrivals fr E - report COURTHOUSE not below 1500 expect COURTHOUSE ARRIVAL left downwind Rwy 07 or left base Rwy 13.
Arrivals fr S or W - report WEST POINT expect WEST POINT ARRIVAL rgt base Rwy 07 or rgt downwind Rwy 13.
Departures to E - expect AUTOMALL DEPARTURE.
Departures to W or S - expect POINT ROBERTS DEPARTURE.

Rwy 25 or 31:
Arrivals fr E - report AUTOMALL expect AUTOMALL ARRIVAL straight in Rwy 25 or rgt base Rwy 31.
Arrivals fr S - report POINT ROBERTS expect POINT ROBERTS ARRIVAL left downwind to Rwy 25 or Left base Rwy 31.
Departures to E - expect COURTHOUSE DEPARTURE or FRASER BRIDGE DEPARTURE.
Departures to the W or S - expect WEST POINT DEPARTURE.

HELI

All heli ctc gnd for departure instructions.
GAS STATION DEPARTURE Track eastbound over Hwy 99. Not above 500 ASL til GAS STATION. Transmit intentions to Delta Air Park tfc on 123.3 prior to GAS STATION if BLW 1000 ASL. Ctc ZBB TWR on 127.6 after passing AK3 if climbing to 1000 ASL or abv.
LANDFILL ARRIVAL Report approaching HWY 91 track 1 NM North of Hwy 99 to LANDFILL. Transmit intentions to Delta Air Park tfc on 123.3 prior to crossing Hwy 91. Overfly LANDFILL 500 ASL or below. Cross Hwy 99 abm LANDFILL to apron.

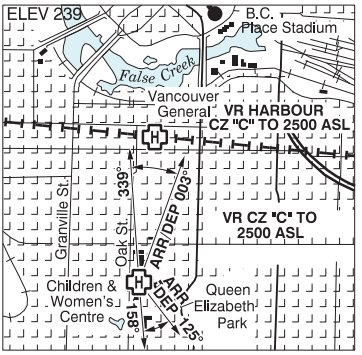
ARR/DEP N or NW will be routed via LANDFILL. Cross LANDFILL 500 ASL or BLW. Heli in excess of 58' overall length PPR.

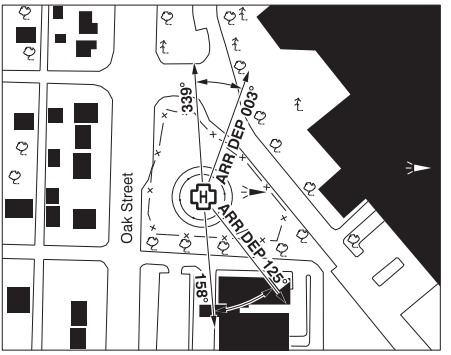
Heli ops prohibited within 30' vertical & 90' horizontal fr all refueling eqpt.

CAUTION

Extensive bird activity. High density tfc area E of CZ. Extensive flt tng ops.

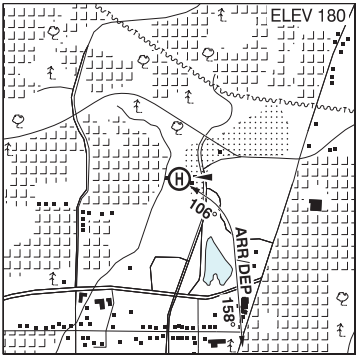
VANCOUVER (CHILDREN & WOMEN'S HEALTH CENTRE) BC (Heli) CAK7

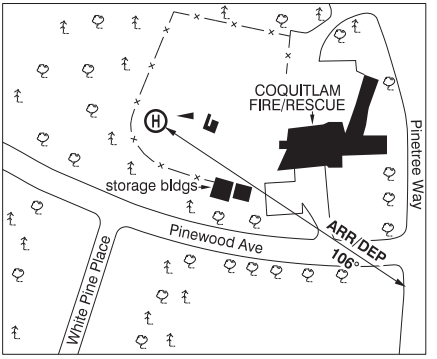




REF	N49 14 38 W123 07 38 17°E (2014) UTC-8(7) Elev 239´ VTA A5004
OPR	Provincial Health Services Authority 604-677-3672 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia GRASS TLOF 45' dia CONC Safety Area 115' dia Max heli overall length 57' (CAR 602.96)
LIGHTING	RW(ME) green LED PN ARCAL-122.8 type K PN
COMM	
ATIS	Vancouver 124.6 1-877-517-2847
TWR	Vancouver 124.02
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 125° to 158° (H1), day/night use (CAR 602.96). Arr/dep 339° to 003° (H1), day/night use (CAR 602.96). Noise sensitive area, use noise abatement profile for acft type. Transponder mode C rqrd in CZ & tml class "C" airspace.
CAUTION	Numerous unlit trees all quads. Numerous cranes within 800' of heli max 549' ASL.

VANCOUVER / COQUITLAM FIRE & RESCUE BC (Heli) CFR6



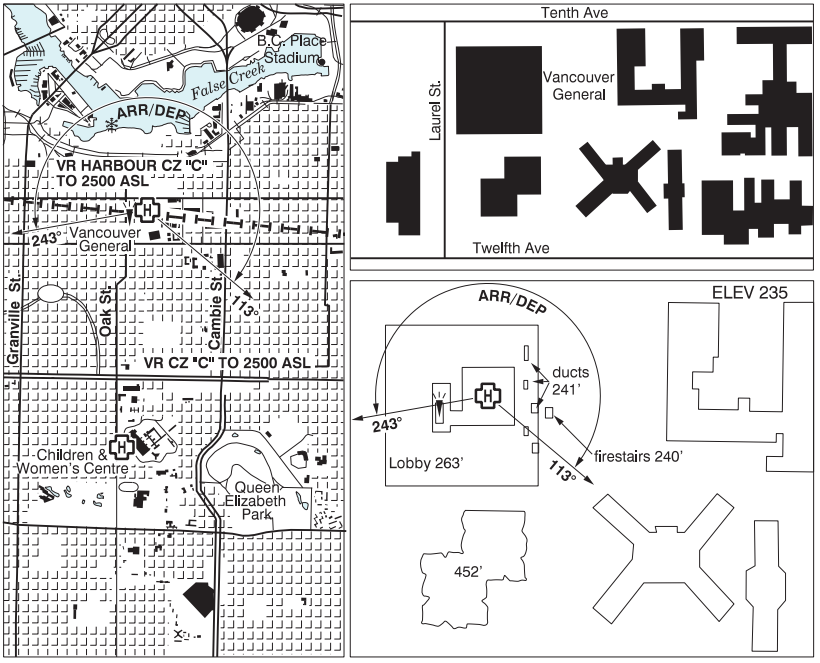


REF	N49 17 30 W122 47 32 17°E (2011) UTC-8(7) Elev 180' VTA A5004

VANCOUVER / COQUITLAM FIRE & RESCUE BC (Heli) (Cont'd) CFR6

OPR	Coquitlam Fire & Rescue 604-215-4842 Cert NVIS OPS AUTH PPR
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 64' dia ASPH Safety Area 90' dia Max heli overall length 45' (CAR 602.96)
RCR	Opr
COMM	
ATF	tfc 123.2 1NM 1000 ASL
A/G	129.775
PRO	Arr/dep curved 106° to 158° fr heli, slope 6% (H3), day. NVIS rqrd for night use (CAR 602.96). Ctc A/G when starting apch and prior to tkof to intiate tfc ctl. Pitt Meadows CZ 2.5NM SE TWR 126.3.
CAUTION	Trees to 100 AGL adj WNW of heli. Roof of "storage" bldg 120' SE of heli penetrates flt path slope by 1.5'. Extv air tfc transiting overhead A/D btwn Pitt Meadows and Vancouver Harbour.

VANCOUVER (GEN HOSP) BC (Heli) CBK4

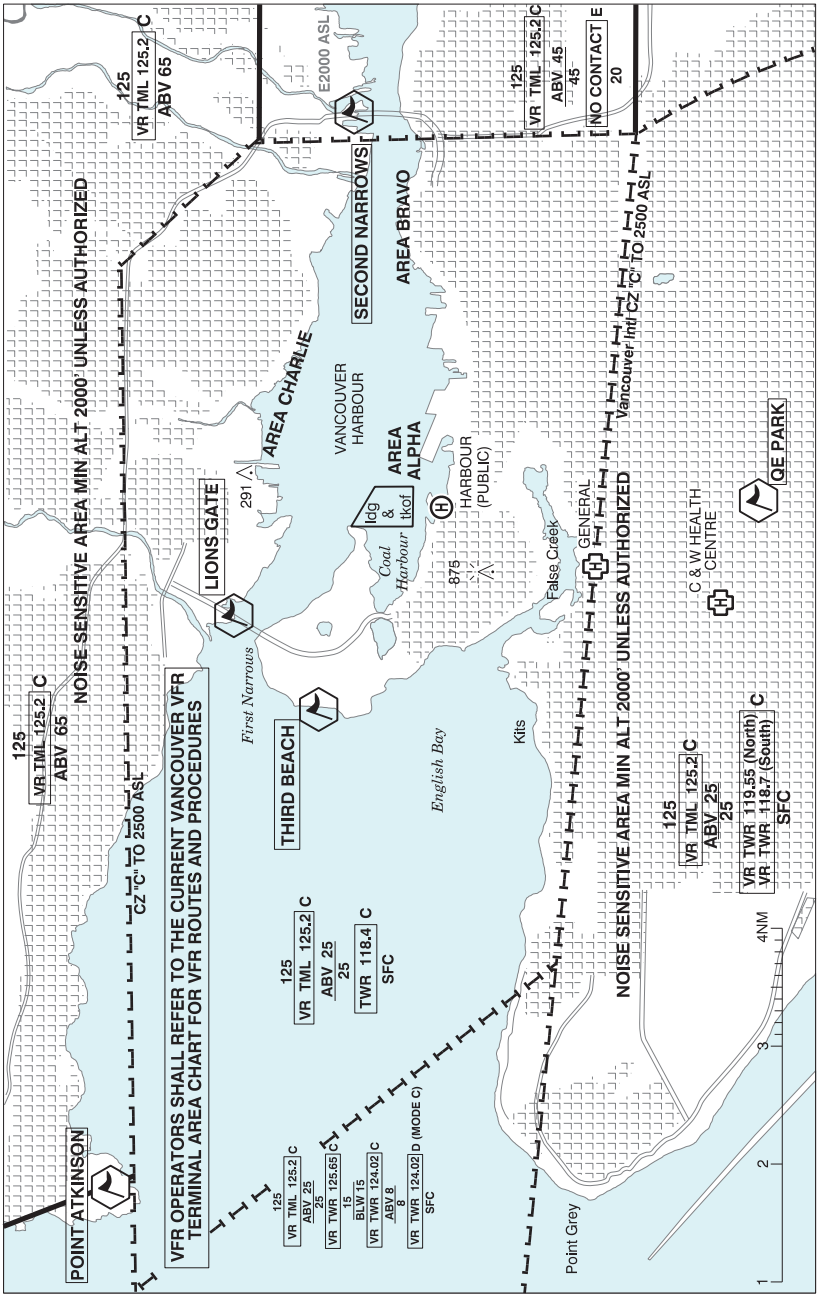


REF	N49 15 43 W123 07 28 17°E (2014) UTC-8(7) Elev 235´ VTA A5004
OPR	Vancouver General Hospital 1-877-696-8989 Cert PPR
PF	B-1,2,4 C-3,5,6

VANCOUVER (GEN HOSP) BC (Heli) (Cont'd) CBK4

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 90' x 90' CONC elevated Safety Area 115' dia 18,000 lbs Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(LO) ARCAL-123.2 type J
COMM	
ATIS	Vancouver Harbour 126.8 1-877-517-2847 dur twr hrs of ops
CLNC DEL	Vancouver Harbour 125.35 all dep acft ctc clnc del only if instructed to do so on ATIS
TWR	Vancouver Harbour 118.4 (V) 15-02Z‡ or til 1/2 hr after SS, whichever is later, O/T tfc Vancouver Harbour CZ shape irregular 2500 ASL.
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 243° to 113° fr heli (H1) (CAR 602.96).

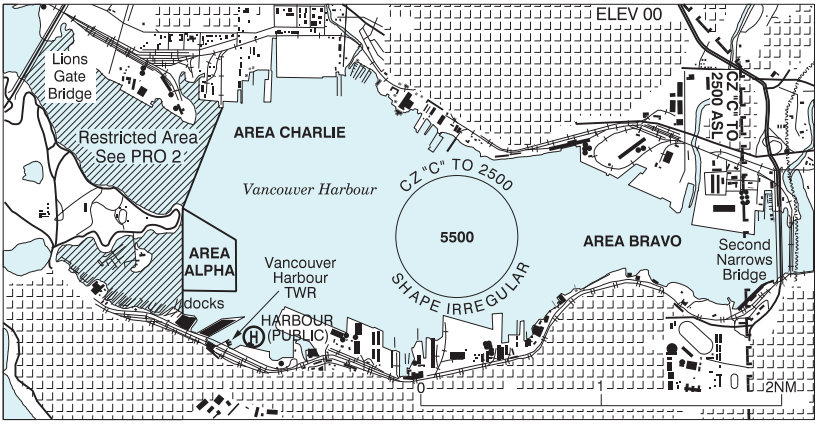
VANCOUVER HARBOUR VFR TERMINAL PROCEDURES CHART



VANCOUVER HARBOUR VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
LIONS GATE	VCLSG	N49° 18' 54" W123° 08' 18"
POINT ATKINSON	VCATK	N49° 20' 06" W123° 16' 00"
QE PARK	VCQEP	N49° 14' 18" W123° 07' 24"
SECOND NARROWS	VCSEC	N49° 18' 18" W123° 01' 06"
THIRD BEACH	VCIII	N49° 18' 30" W123° 10' 12"

VANCOUVER HARBOUR BC (water aerodrome) CYHC

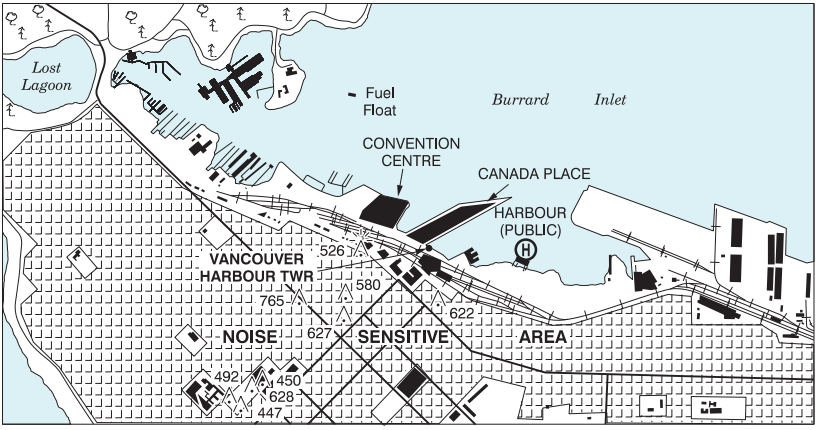


REF	N49 17 40 W123 06 41 Adj N 17°E (2013) UTC-8(7) Elev 00´ VTA A5004 LO1 T1
OPR	Harbour Air 1-800-665-0212 Reg PN Vancouver Harbour Flight Centre (VHFC) 604-647-7570 or 604-328-4340 PN
PF	B-1,2 C-3,4,5,6
CUST	AOE/15 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	604-775-9601/9606/9674
WX	LWIS H24 LAWO 15-02Z‡ or til 1/2 hr after SS, whichever is later.
SERVICES	
FUEL	100, JB, (100LL, JA, JA-1 avbl thru VHFC) PN
OIL	100
S	5

VANCOUVER HARBOUR BC (water aerodrome) (Cont'd) CYHC

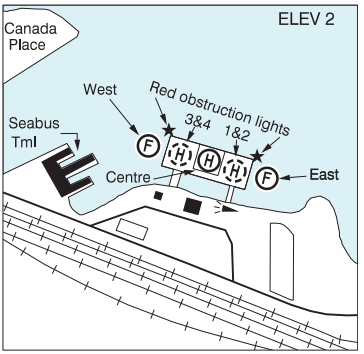
COMM	
RCO	Pacific rdo 123.15 (FISE)
ATIS	Vancouver Harbour 126.8 dur twr hrs of ops.
CLNC DEL	Vancouver Harbour 125.35 all dep acft ctc clnc del only if instructed to do so on ATIS
TWR	Vancouver Harbour 118.4 (V) 15-02Z‡ or til half hour after SS, whichever is later. (emerg only 604-688-9254)
ATF	tfc 118.4 when twr clsd within Vancouver Harbour CZ shape irregular 2500 ASL
TML	125.2
NAV	
VOR/DME	YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')
PRO	Refer to Vancouver Harbour VTPC 1. Arr/dep after 0700 hrs lcl. Noise Sensitive Areas surround harbour. 2. Acft ops normally limited to area Alpha. SW corner of area Alpha marked by large orange ball. No acft shall land, tkof or step taxi within rstd areas including First Narrows (Lions Gate) and False Creek. 3. Pilots are requested, while observing safe operating procedures, to maintain arr/dep profiles that avoid low flight and high power settings over Stanley Park. 4. See Vancouver VTA for VFR low level routes. **ATS REQUIREMENTS:** All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows or call Kamloops FIC at 866-541-4101. -All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.

VANCOUVER / HARBOUR (PUBLIC) BC (Heli) CBC7

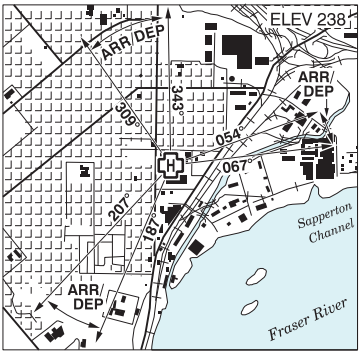


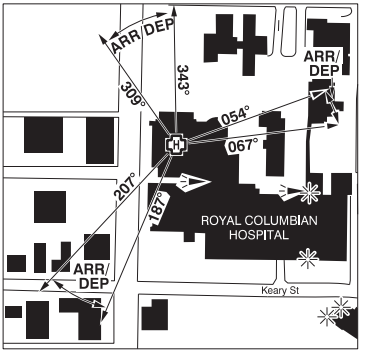
VANCOUVER / HARBOUR (PUBLIC) BC (Heli) (Cont'd) CBC7

REF	N49 17 13 W123 06 22 Adj N 17°E (2014) UTC-8(7) Elev 2´ VTA A5004 CAP RCAP
OPR	Pacific Heliport Services 604-688-4646 Fax 604-682-1478 Cert Ldg fees PN
PF	B-1 C-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333.
WX	LWIS H24 LAWO 15-02Z‡ or til 1/2 hr after SS, whichever is later.
SERVICES	1430-0330Z‡ Mon-Fri, 15-03Z‡ Sat-Sun & hol(s) exc clsd Dec 25 & Jan 1
FUEL	JA-1 (FSII avbl)
S	1,5,6
HELI DATA	FATO/TLOF CENTRE 90' x 90' CONC Safety Area 120' x 120' 20,000 lbs FATO WEST 149' x 149' non-supporting Safety Area 198' x 198' FATO EAST 149' x 149' non-supporting Safety Area 198' x 198' PAD-1 52' dia CONC 50,000 lbs PAD-2 52' dia CONC 50,000 lbs PAD-3 52' dia CONC 20,000 lbs PAD-4 44' dia CONC 20,000 lbs Heli in excess of 60' overall length PPR. (CAR 602.96)
APRON	Prkg fees; ctc opr
RCR	Opr
LIGHTING	RW(LO) green LED ARCAL-118.4 type J, RR around deck.
COMM	
ATIS	Vancouver Harbour 126.8 1-877-517-2847 dur twr hrs of ops
CLNC DEL	Vancouver Harbour 125.35 all dep acft ctc clnc del only if instructed to do so on ATIS
TWR	Vancouver Harbour 118.4 (V) 15-02Z‡ or til 1/2 hr after SS, whichever is later. (emerg only 604-688-9254)
ATF	tfc 118.4 when TWR clsd within Vancouver Harbour CZ shape irregular 2500 ASL.
ARR	128.6
DEP	126.125
UNICOM	122.35 1430-0330Z‡ Mon-Fri, 15-03Z‡ Sat-Sun
PRO	5 min prior to ldg ctc Opr on 122.35 for prkg instructions and advise number of persons on board. Dep climb over water BPOC. DAY: Wind & tfc permitting arr/dep via FATO (marked triangle) arr/dep 351° to 017° fr heli, slope 8% (H3). O/T via unmarked hover areas over water immediately E & W of helipad. NIGHT: Arr/dep via FATO (marked triangle) arr/dep 351° to 017° fr heli, slope 8% (H3). No stopping on FATO. (See heli-sketch on previous page.) Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia. See Vancouver VTA for VFR low level routes.
CAUTION	Remain clear of seabus tfc.



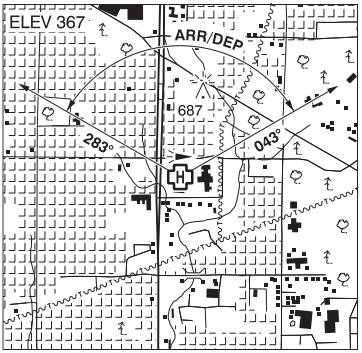
VANCOUVER / NEW WESTMINSTER (ROYAL COLUMBIAN HOSP) BC (Heli) CNW9

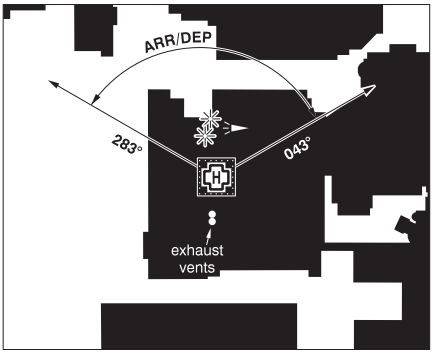




REF	N49 13 36 W122 53 32 16°E (2017) UTC-8(7) Elev 238´ VTA
OPR	Fraser Health Authority 604-677-3672 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86´ dia non-supporting TLOF 65´ x 65´ CONC Safety Area 115´ dia 17,000 lbs Max heli overall length 57.4´ (CAR 602.96)
RCR	Opr
LIGHTING	RY(ME) green RF(FH)
COMM	
ATIS	Vancouver Airport 124.6 1-877-517-2847
TWR	Vancouver Outer 124.02
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/Dep 054° to 067° fr heli, (H1), day/night use (CAR 602.96). Arr/dep 187° to 207° fr heli, (H1), day/night use (CAR 602.96). Arr/dep 309° to 343° fr heli, (H1), day/night use (CAR 602.96).
CAUTION	Rooftop structures aprx 112' S of heli. Trees aprx 623' W fr heli. Bldgs aprx 289' NNE and 1148' SSE fr heli.

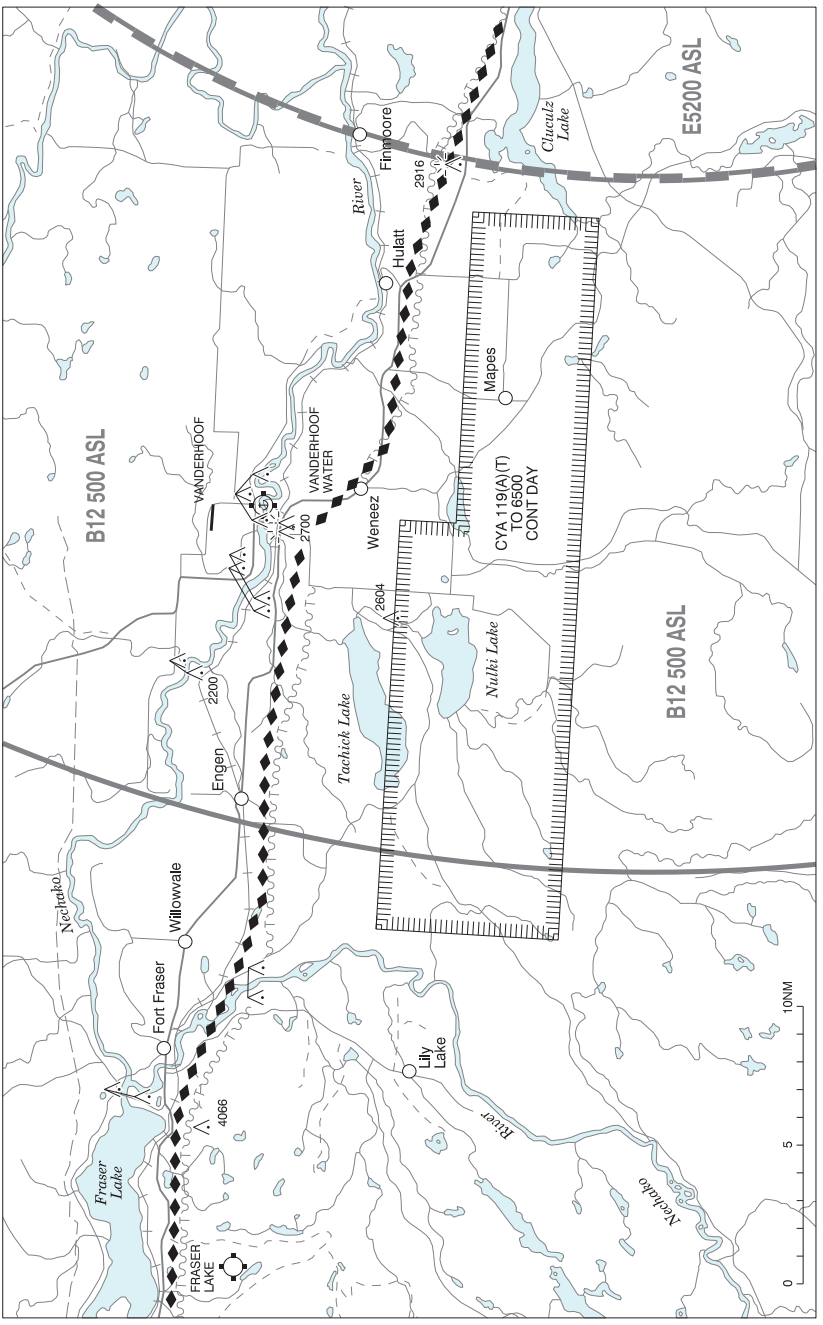
VANCOUVER (SURREY MEMORIAL HOSP) BC (Heli) CVS3



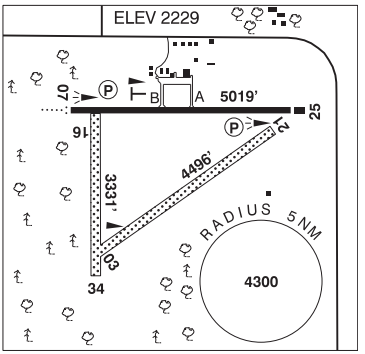


REF	N49 10 33 W122 50 38 Adj 17°E (2014) UTC-8(7) Elev 367′ VTA A5004
OPR	Fraser Health Authority 604-677-3672 Cert PPR
PF	B-1,2,3,4 C-5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' x 86' non-supporting TLOF 57' x 57' CONC Safety Area 115' x 115' Max heli overall length 57.4' Elevated rooftop 14,690 lbs
RCR	Opr
LIGHTING	RY(LO) green PN
COMM	
ATF	tfc 123.2 1.5NM 1500 ASL
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 043° to 283° fr heli (H1), (CAR 602.96).
CAUTION	High velocity hosp exhaust vents adj, S heli. Elevator penthouse adj, N heli. LED obst lgt not vis through NVG.

VANDERHOOF VFR TERMINAL PROCEDURES CHART



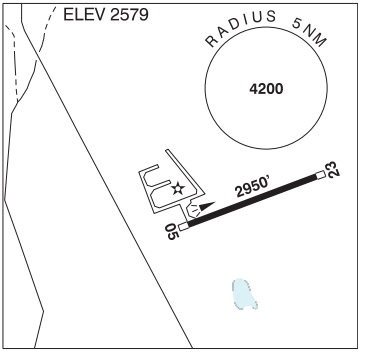
VANDERHOOF BC — CAU4



REF	N54 02 48 W124 00 40 1.3N 18°E (2014) UTC-8(7) Elev 2229′ A5014 LO1 HI3 CAP
OPR	District 250-567-4711 1530-2430Z‡ O/T 250-567-0679 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO 250-567-4494 (see COMM)
SERVICES	
FUEL	100LL, JA-1 Visa or Mastercard Vanderhoof Flying Club 250-567-8724/8677
OIL	15/50, 80, 100
S	1,4,5,6,7 2,3: 17-01Z‡ Mon-Fri RDS 250-614-3569 and Guardian Aerospace 250-570-3569
RWY DATA	Rwy 07(072°)/25(252°) 5019x75 ASPH Thld 25 displ 223' AGN II Rwy 03(037°)/21(217°) 4496x180 GRASS/GRVL Rwy 16(162°)/34(342°) 3331x180 GRASS/GRVL.
RCR	Opr Ltd win maint.
LIGHTING	07-AO(TE ME) P2, 25-(TE ME) P2 ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 5200 ASL
AUTO	122.55
CAUTION	Migratory bird route

VARTY LAKE ON — See CAMDEN EAST / VARTY LAKE

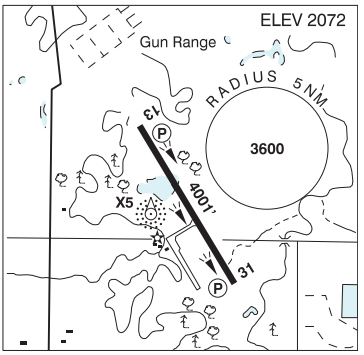
VAUXHALL AB — CEN6



REF	N50 02 W112 05 2.5SSE 14°E (2012) UTC-7(6) Elev 2579′ A5005
OPR	M.D. of Taber 403-223-3541 Reg
PF	B-1 C-2,5 D-4,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 05(055°)/23(235°) 2950x75 asphalt
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 5600 ASL

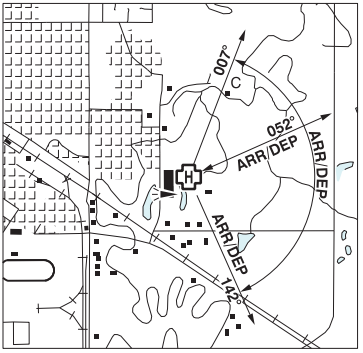
VEGREVILLE AB — CEV3

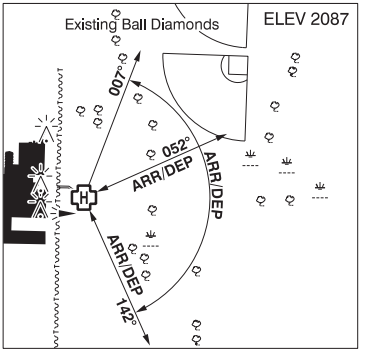
REF	N53 30 50 W112 01 39 Adj NE 14°E (2013) UTC-7(6) Elev 2072´ A5015 LO2 CAP
OPR	Town 780-632-3439 Reg
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	
FUEL	100LL
OIL	15/50
S	4,5,6



RWY DATA	Rwy 13(134°)/31(314°) 4001x100 ASPH AGN IIIA
RCR	Opr Ltd win maint
LIGHTING	13-(TE ME) P1, 31-(TE ME) P1 ARCAL-122.8 type K (lgt avbl medium setting only)
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5100 ASL
NAV	
NDB	X5 225 (L) N53 30 47 W112 01 45 Pvt Unmonitored
PRO	Rgt hand circuits Rwy 31 (CAR 602.96).
CAUTION	Gun club firing range 1NM NW; avoid area or overfly not less than 1000 AGL. Ocsl ultra-light activity in vic. Rdo ctl model acft activity at A/D. Twy fr apron to hg unlgtd

VEGREVILLE (ST. JOSEPH'S GENERAL HOSP) AB (Heli) — CVG8





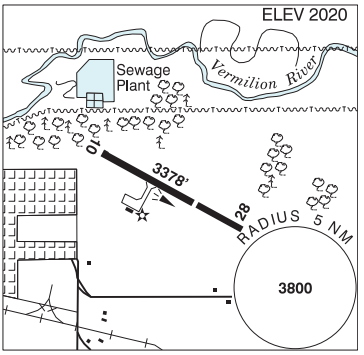
REF	N53 29 38 W112 01 57 Adj E 14°E (2013) UTC-7(6) Elev 2087' A5015
OPR	Alberta Health Services 780-632-2811 Cert NVIS OPS AUTH PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton 888-358-7526

VEGREVILLE (ST. JOSEPH'S GENERAL HOSP) AB (Heli) (Cont'd) CVG8

HELI DATA	FATO 86' dia CONC/GRASS TLOF 40' dia CONC Safety Area 114.8' dia Max heli overall length 57' (CAR 602.96)
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5100 ASL centred on Vegreville A/D 1.2NM NNE
PRO	Arr/dep 052° fr heli, slope 8% (H3) Arr/dep 142° fr heli, slope 8% (H3) Arr/dep 007° to 142° fr heli, slope 16% (H2) NVIS rqrd for night use, all flt paths (CAR 602.96).
CAUTION	Hosp bldg W heli lgtd. Large trees 280' N heli. Unlgtd P-line adj W of heli.

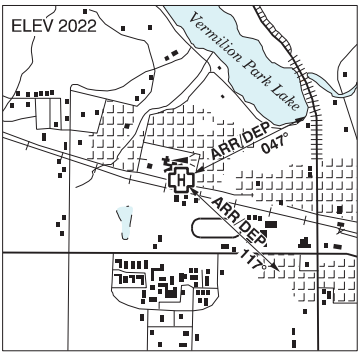
VERMILION AB CYVG

REF	N53 21 25 W110 49 29 Adj E 14°E (2013) UTC-7(6) Elev 2020´ A5015 LO2
OPR	Town 780-853-5358 Reg
PF	C-2,3,4,5,7,8
SERVICES	
FUEL	100LL (Self-serve, Visa or Mastercard) Balairus Fuels 780-853-0926
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 10(105°)/28(285°) 3378x75 ASPH Thld 28 displ 1095´.
RCR	Opr Ltd maint
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-122.8 type K
COMM	
ATF	tfc 122.8 5NM 5100 ASL
PAL	Edmonton Ctr 133.45
PRO	Rgt hand circuits Rwy 28 (CAR 602.96). For IFR clnc, phone Edmonton FIC prior to departure.
CAUTION	Grain terminal 4400´ ESE thld Rwy 28, 230 AGL, 2238 ASL.



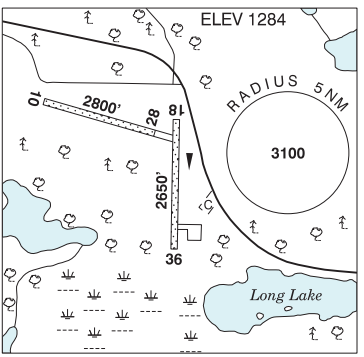
VERMILION HEALTH CENTRE AB (Heli) CVH2

REF	N53 21 21 W110 52 18 14°E (2013) UTC-7(6) Elev 2022´ A5015
OPR	FM&E AHS 780-853-5305 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 82' dia CONC/GRASS TLOF 52.5'x39' (oval) CONC Safety Area 109' dia Max heli overall length 55'
RCR	Opr
LIGHTING	RY(LO)
COMM	
ATF	tfc 122.8 5NM 5100 ASL centred on Vermilion A/D 1.7NM ENE
PAL	Edmonton Ctr 133.45
PRO	Arr/dep 047° & 117° fr heli, slope 12% (H2).
CAUTION	P-lines south & east of heli.

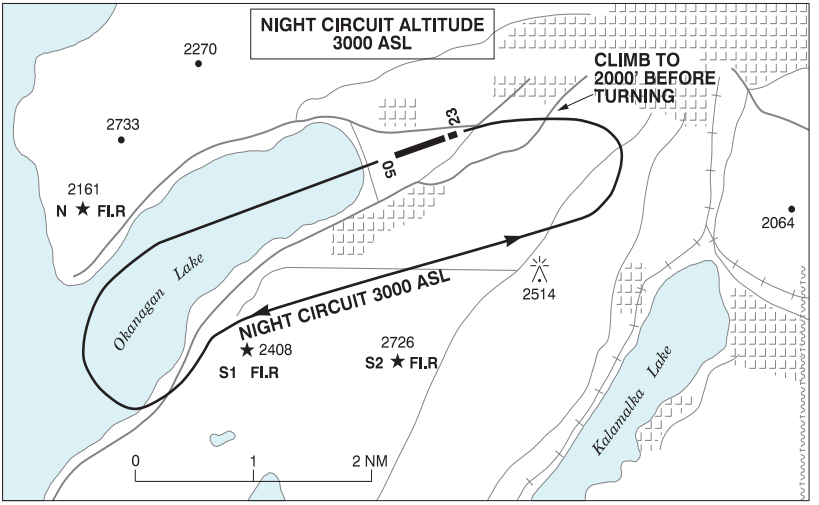


VERMILION BAY ON CKQ7

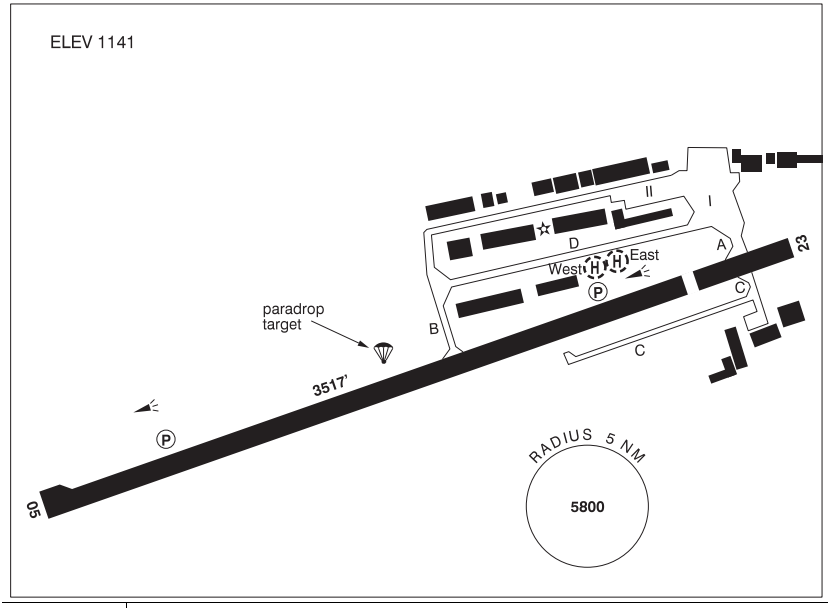
REF	N49 52 47 W93 26 11 1°W (2015) UTC-6(5) Elev 1284´ A5007
OPR	Muni of Machin 807-227-2633 Reg
PF	C-1,2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	4,5
RWY DATA	Rwy 10(107°)/28(287°) 2800x75 GRVL Rwy 18(182°)/36(002°) 2650x75 GRASS/GRVL
RCR	Opr No win maint
COMM	
ATF	tfc 130.7 5NM 4300 ASL
CAUTION	Terrain rises both E & W of Rwy 10/28.



VERNON VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURE



VERNON BC CYVK



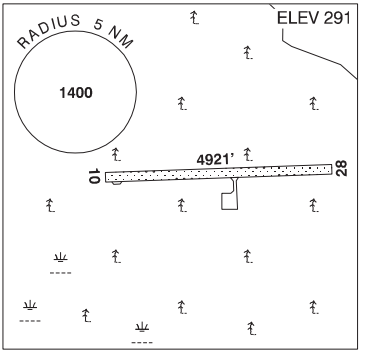
REF	N50 14 45 W119 19 54 1.8SW 16°E (2013) UTC-8(7) Elev 1141´ A5005 LO2 CAP
OPR	Corp of the City of Vernon 250-545-3035 1530-2400Z‡ Mon-Fri Cert
PF	B-1 C-2,3,4,5,6

VERNON BC (Cont'd) CYVK

FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	AUTO (see COMM) WxCam
SERVICES	
FUEL	100LL (Self Serve, Visa, Mastercard, debit), JA, SP, Jet A call out chg may be levied after hrs 250-309-CYVK (2985)
S	2,3,4,5
RWY DATA	Rwy 05(054°)/23(234°) 3517x75 ASPH Thld 23 displ 456' Rwy 23 down 0.31%
RWY CERT	Rwy 05/23 AGN II
TWY CERT	Twy C AGN I
TWY	Twy C day use only.
RCR	OPR 250-309-2985 Ltd win maint 16-24Z‡ Mon-Fri O/T chg may be levied.
HELI DATA	Parking Pads East & West: 25' x 25' CONC Max heli overall length 57.4' Heli must park hdg E/W. Additional itinerant heli prkg on grass E of heli pads.
LIGHTING	05-(TE ME) P1 3.5°, 23-(TE ME) P1 4° ARCAL-122.8 type K.
COMM	
MF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL (CAR 602.98) Exc area within class "D" airspace.
AUTO	123.175
NAV	
NDB	6K 302 (M) N50 21 00 W119 15 36 Pvt
RESTRIC-TIONS	OPERATING RESTRICTIONS 1. Pursuant to CARS 602.96(3)(D), not certified for ngt ops unless S2 beacon is oprg.
PRO	Day: Circuit hgt 2400 ASL. **Night: Rgt hand circuits rwy 05** (CAR 602.96)**. Circuit hgt 3000 ASL.** Heli follow fixed-wing circuit procedures. Heli prkg pads accessed via rwy, hover taxi to pads.
CAUTION	Only pilots familiar with lcl terrain should use this aprt dur hrs of darkness. Marked fence parallels & lies within 200´ of centreline of apch to Rwy 05. Extv parajumping in area. Glider activity ocsl to 12,500 ASL & ultra-light activity at A/D. Water A/D 0.5NM SW tfc at 1600 ASL. Daily radiosonde balloon launches fr N50 17 00 W119 16 00 (aprx 3.3NM NNE OF AD), with an ascent rate of 1000 ft/min btwn the hrs of 1115-1345Z & 2315-0145Z.

VICTOR MINE ON CVM2

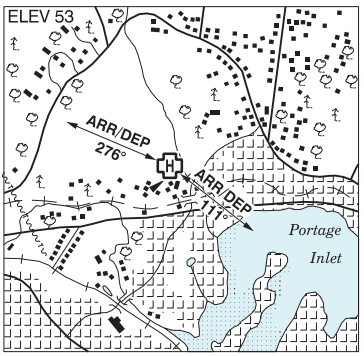
REF	N52 49 58 W83 55 29 0.5N 10°W UTC-5(4) Elev 291' LO3 A5018 CAP
OPR	De Beers Group of Companies 416-645-3888 Ext 5172 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	AUTO (see COMM)
RWY DATA	Rwy 10(098°)/28(278°) 4921x148 GRVL AGN IIIA
RCR	Opr PLR/PCN
LIGHTING	10-(TE ME), 28-(TE ME) ARCAL-123.2 type K

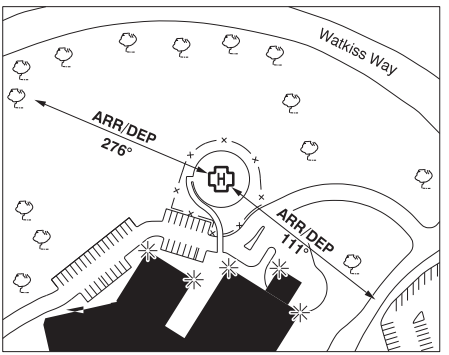


VICTOR MINE ON (Cont'd) CVM2

COMM	
ATF	UNICOM ltd hrs O/T tfc 123.2 5NM 3300 ASL
AUTO	122.55
PRO	Ctc opr prior to flight to ensure altimeter setting avbl upon arr.
CAUTION	Blasting 1.4 NM SE A/D sfc to 1500 AGL 12-24Z‡ daily. Possibility of caribou on rwy Jun-Aug.

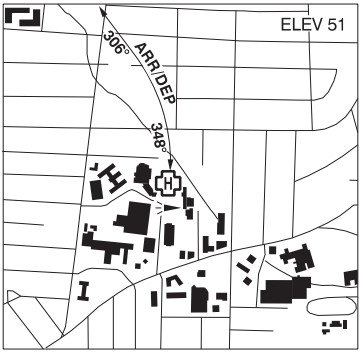
VICTORIA (GEN HOSP) BC (Heli) CBW7

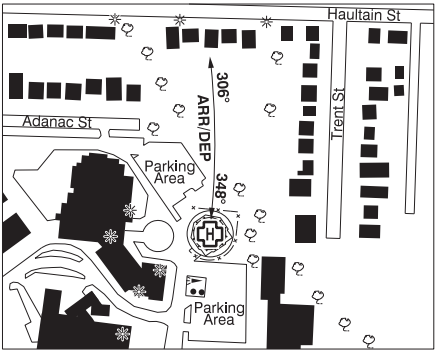




REF	N48 28 05 W123 25 56 17°E (2012) UTC-8(7) Elev 53´ VTA A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) PN
COMM	
RADIO	Harbour rdo 127.45 (V) 1345-0530Z‡
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATIS	Victoria Harbour 120.0 14-05Z‡
MF/ATF	Harbour rdo 1345-0530Z‡ O/T Harbour tfc 127.45 5NM 2500 ASL within Victoria Harbour CZ (CAR 602.98)
PRO	Arr/dep 111° fr heli, slope 12% (H2), day/night use (CAR 602.96). Arr/dep 276° fr heli, slope 16% (H2), NVIS rqrd for night use (CAR 602.96).

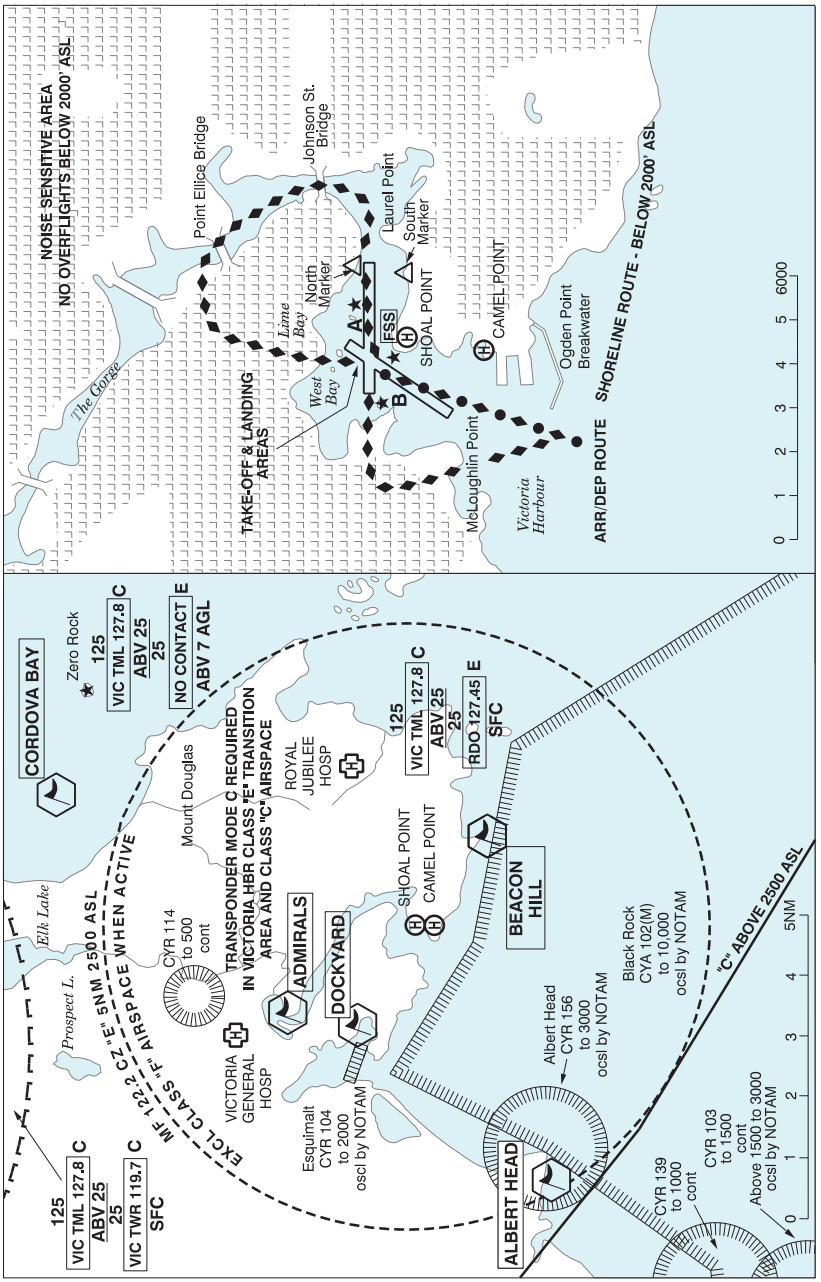
VICTORIA (ROYAL JUBILEE HOSP) BC (Heli) CBK8





REF	N48 26 03 W123 19 31 1S 17°E (2014) UTC-8(7) Elev 51' VTA A5004
OPR	Island Health 250-370-8555 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia ASPH/CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96).
RCR	Opr
LIGHTING	DR(LO) RW(LO) Green PN
COMM	
RADIO	Harbour rdo 127.45 (V) 1345-0530Z‡
RCO	Pacific rdo 125.85 (FISE) 126.7 (bcst)
ATIS	Victoria Harbour 120.0 14-05Z‡
MF/ATF	Harbour rdo 1345-0530Z‡ O/T Harbour tfc 127.45 5NM 2500 ASL within Victoria Harbour CZ (CAR 602.98)
A/G	Ambulance dispatch 130.275
PRO	Arr/dep curved flt path 348° to 306° fr heli, slope 12% (H2) day/night use (CAR 602.96).
CAUTION	Powerline and poles aprx 558' N of heli, marked with obst lgt and marker balls; trees and hosp bldg W of flt path; oxygen tanks aprx 150' S of heli.

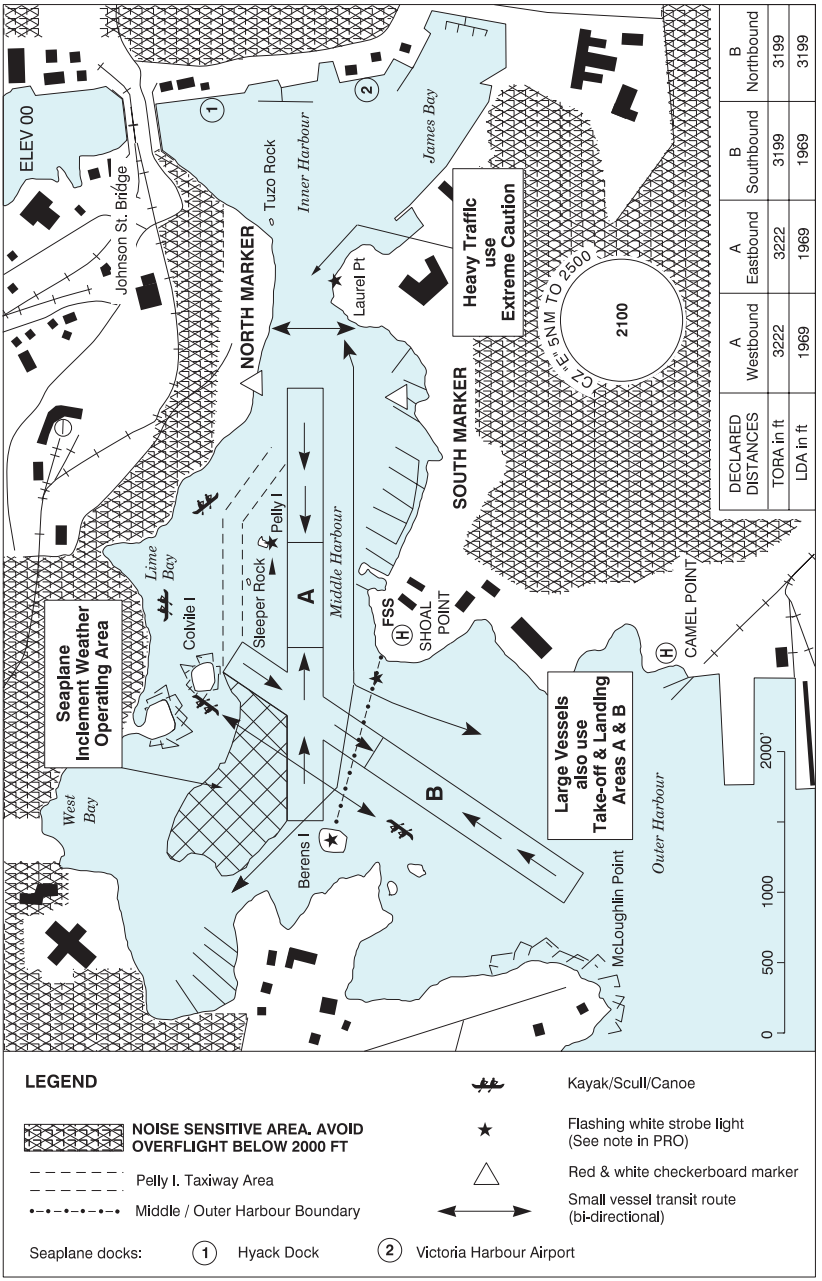
VICTORIA HARBOUR VFR TERMINAL PROCEDURES CHART



VICTORIA HARBOUR VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
ADMIRALS	VCADM	N48° 27' 30" W123° 25' 13"
ALBERT HEAD	VCAHD	N48° 23' 01" W123° 29' 07"
BEACON HILL	VCBKN	N48° 24' 16" W123° 21' 09"
CORDOVA BAY	VCCOR	N48° 31' 12" W123° 20' 36"
DOCKYARD	VCDKY	N48° 26' 14" W123° 26' 10"

VICTORIA HARBOUR BC (water aerodrome) CYWH



VICTORIA HARBOUR BC (water aerodrome) (Cont'd) CYWH

REF	N48 25 22 W123 23 15 Adj S 17°E (2012) UTC-8(7) Elev 00´ VTA A5004
OPR	TC 250-363-3578 or 250-380-8177 Cert PPR (see restriction 1 in PRO)
PF	C-1,2,3,4,5,6
CUST	AOE/15/SEAPL 888-226-7277 Sked flts under 15 pax 16-08Z‡.
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 14-05Z‡ O/T LWIS TAF 15-05Z‡, issue times: 1515, 18, 00Z (DT 1415, 21Z)
SERVICES	For svcs use Victoria aprt seaplane base 14NM N.
S	5
A/D DATA	Tidal range 8´, current 2 kt. Tkof & Ldg Area A: Brg 073°/253° 3222x197 Thld displ 1253´ both ends. Tkof & Ldg Area B: Brg 017°/197° 3199x197 Thld displ 1230´ N end.
COMM	
RADIO	Harbour rdo 127.45 (V) 1345-0530Z‡ (emerg only 250-953-1500)
RCO	Pacific rdo 125.85 (FISE)
ATIS	120.0 14-05Z‡
MF/ATF	Harbour rdo 1345-0530Z‡ O/T tfc 127.45 5NM 2500 ASL (CAR 602.98)
NAV	
VOR/DME	VICTORIA YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1997´)

VICTORIA HARBOUR BC (water aerodrome) (Cont'd) CYWH

PRO

GENERAL: (Refer to VTPC and Aerodrome Sketch)

All of the following procedures limitations, and restrictions comprise the aviation components of the Port of Victoria Traffic Scheme (PVTS). All surface vessels operate with reference to the marine components of the PVTS. Considerations for noise abatement are found in procedure items 2, 3, 4, 6 and 7 and in restriction 4.

1. All arr/dep will be via the harbour entrance or the Gorge as depicted on VTPC. Aircraft call rdo 127.45 at 10NM out (fr the N report at Mount Doug), advs acft type, alt & intentions. Report on base leg for the harbour at Beacon Hill or Dock Yard. Ldg westbound, report over the Admirals. FSS will activate the strobes advising mariners of arr/dep acft.
2. No acft shall overfly the city of Victoria at alt below 2000´ exc in transition for tkof & ldg.
3. Acft arr/dep via the Shoreline Route shall remain a horizontal distance of at least 2000´ off shore.
4. Tkofs shall commence at the threshold of Tkof & Ldg Areas A & B. Wind, water and load conds permitting, pilots are to use Area B southbound as the primary tkof area. Pilots should operate landing/pulsating lgts immediately prior to tkof.
5. During strong south-easterly winds, south-eastbound tkofs are authorized within the Inclement Weather Operating Area. Commence tkof in West Bay and remain west of the Small Vessel Transit Route at Shoal Point. (See CAUTION).
6. Wind, water & load conds permitting, pilots are encouraged to land northbound in Area B or eastbound in Area A & plan ldg to avoid the use of reverse thrust.
7. Acft ldg in Area A westbound, cross Johnston St. Bridge at 500´ or above and, commensurate with safety, remain east of Tuzo Rock crossing between Laurel Point and Songhees Point on final at the highest possible altitude for stabilized descent and landing.
8. a) Taxiing acft are vessels and must comply with both the Marine Collision Regulations and 'Right of Way-Aircraft Manoeuvring on Water'. CAR 602.20.
   b) Taxiing acft should leave the tkof & ldg areas if required to avoid conflict with other acft or large vessels.
9. For Hyack Dock space: GVHA 250-383-8326/8300

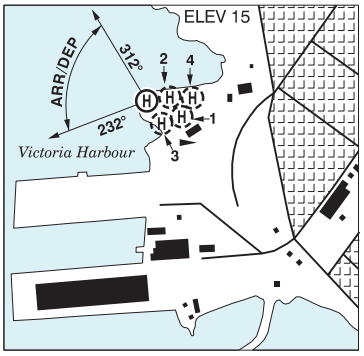
RESTRICTIONS:

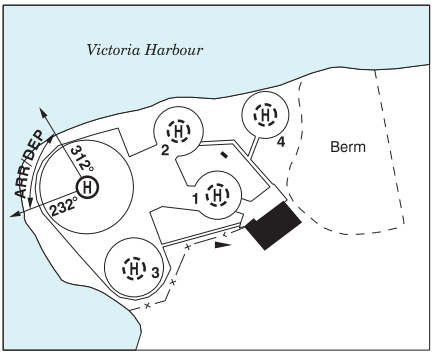
1. Pursuant to CAR 602.96(3)(d), PPR rqd from Harbour Airport Manager 250-363-3578, 250-380-8177.
2. Pursuant to CAR 602.96(3)(d), step taxiing not auth. Inner/Middle Harbour max taxi speed 5 kt. Outer Harbour max taxi speed 7 kt.
3. Pursuant to CAR 602.96(3)(d), acft shall maintain a distance of at least 50 m (165´) from surface vessels during tkof or ldg. For the purpose of this restriction take off means "from the start of the take off slide to an altitude of 150' ASL", landing means "descent from an altitude of 150' ASL to touchdown and off the step".
4. Pursuant to CAR 602.96(3)(d), unless otherwise authorized by Airport Manager, no floatplane tkofs or ldgs before 0700 lcl.
5. Pursuant to CAR 602.96(3)(d), Twy area not auth when tide is below the bottom of the white horizontal tide markers (located on base of Pelly I. and Tuzo Rk marine lights).
6. Pursuant to CAR 602.96(3)(d), westbound tkofs and landings in tkof & ldg area A shall not commence until west of a line joining the N and S markers.
7. Pursuant to CAR 602.96(3)(d), eastbound landings in tkof & ldg area A shall be completed and acft at or below 5 kt before crossing east of a line joining the N and S markers.
8. Pursuant to CAR 602.96(3)(d), no Ab Initio or acft training

VICTORIA HARBOUR BC (water aerodrome) (Cont'd) CYWH

PRO (Cont'd)	**ATS REQUIREMENTS:** All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code. - All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 125.85 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary. - All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows or call Kamloops FIC at 866-541-4101 or PAC RDO 125.85. -All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 125.85 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.
CAUTION	Extv heli activity vic of Camel Point. Helicopter/floatplane IFR approaches S of Beacon Hill. Extv marine tfc including ferries, barges, water taxis, pleasure craft & kayaks. Shallow areas may restrict use of the "seaplane inclement weather operation area", pilots should consult tide tables to ensure that a min depth of 1.8 meters of water is avbl prior to using this area. Bldg spire 274 ASL 0.6NM E of area A. Industrial area N of Johnson St bridge, crane activity ocsl to hgt of bridge.

VICTORIA HARBOUR (CAMEL POINT) BC (Heli) CBF7





REF	N48 25 05 W123 23 17 Adj 17°E (2013) UTC-8(7) Elev 15´ VTA A5004 CAP
OPR	Pacific Heliport Services 250-386-7676 Cert Ldg fees PPR (see Restriction 1 in PRO).
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333.
SERVICES	1430-0330Z‡ Mon-Fri, 1500-0215Z‡ Sat-Sun & hol(s) exc clsd Dec 25 & Jan 1
FUEL	JA-1 (FSII avbl)
S	4

VICTORIA HARBOUR (CAMEL POINT) BC (Heli) (Cont'd) CBF7

HELI DATA	FATO/TLOF 112' dia CONC/ASPH Safety Area 149' dia 20,500 lbs Max heli overall length 73' Parking Pad 1: 53' dia CONC/ASPH 15,400 lbs Parking Pad 2: 53' dia CONC/ASPH 15,400 lbs Parking Pad 3: 73' dia CONC/ASPH 20,500 lbs Parking Pad 4: 53' dia ASPH. 15,400 lbs. Day use tkof/ldg, hover, taxi & prkg only. Ngt use parking only (CAR 602.96).
APRON	Prkg fees; ctc opr
RCR	Opr
LIGHTING	RW(LO) green LED
COMM	
RADIO	Harbour rdo 127.45 (V) 1345-0530Z‡ (emerg only 250-953-1500)
RCO	Pacific rdo 125.85 (FISE)
ATIS	Victoria Harbour 120.0 14-05Z‡
MF/ATF	Harbour rdo 1345-0530Z‡ O/T Harbour tfc 127.45 5NM 2500 ASL within Victoria Harbour CZ (CAR 602.98)
ARR	Victoria Tml 125.95
DEP	Victoria Tml 125.95
PRO	Arr/dep 232° to 312° fr heli, slope 8% (H3) (see Victoria Harbour VTPC). Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia. Pads 3 & 4 preferred for itinerant use. Pads 1 & 2 used for scheduled service. Restrictions: 1.Pursuant to CAR 602.96(3)(d), prior permission required from Victoria Harbour (Camel Point) Heliport Manager 250-386-7676, 604-688-4646 or 604-273-4688. 2.Pursuant to CAR 602.96(3)(d), unless otherwise auth by Heli mgr, tkofs or ldgs outside of normal staffed hours of operation are not permitted.

VICTORIA HARBOUR (SHOAL POINT) BC (Heli) CBZ7

REF	N48 25 23 W123 23 15 Adj 17°E (2014) UTC-8(7) Elev 10´ VTA A5004
OPR	Canadian Coast Guard 250-480-2600 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 113' x 113' CONC TLOF 84' x 84' CONC Safety Area 150' x 150'
RCR	Opr
COMM	
RADIO	Harbour rdo 127.45 (V) 1345-0530Z‡ (emerg only 250-953-1500)
RCO	Pacific rdo 125.85 (FISE)
ATIS	Victoria Harbour 120.0 14-05Z‡
MF/ATF	Harbour rdo 1345-0530Z‡ O/T Harbour tfc 127.45 5NM 2500 ASL within Victoria Harbour CZ (CAR 602.98)
A/G	Canadian Coast Guard Shoal Point Ch 82 157.125 FM
PRO	Arr/dep over water (see Victoria Harbour VTPC). Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl, VTPC for Crossing the Southern Strait of Georgia.

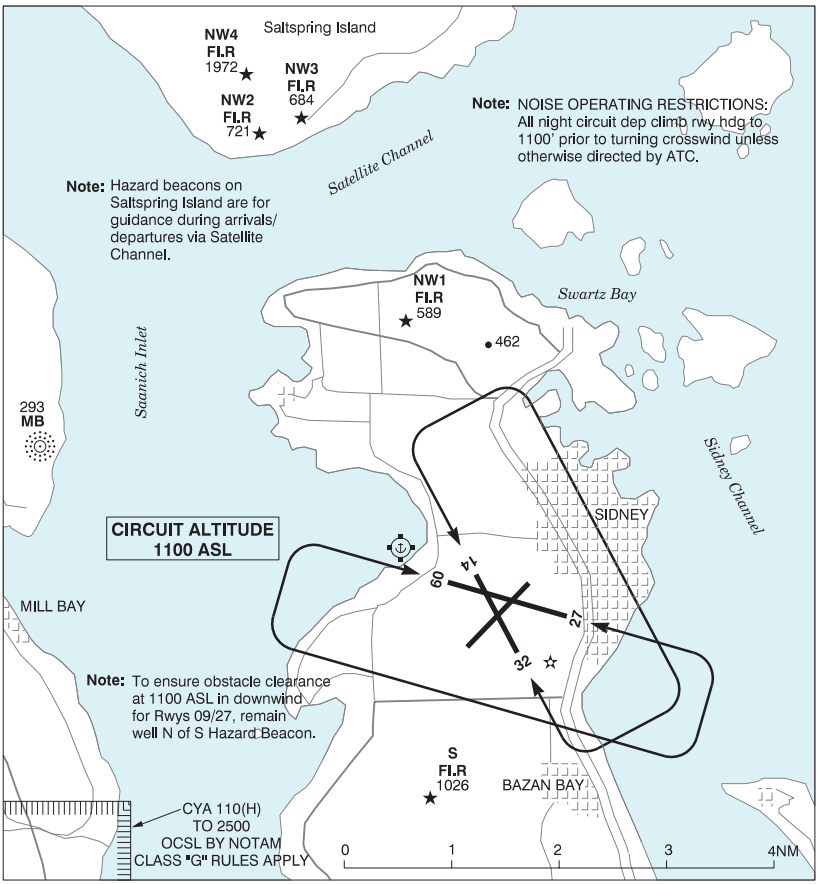
VICTORIA INTL VFR TERMINAL PROCEDURES CHARTS

VICTORIA INTL VFR TERMINAL PROCEDURES CHARTS (Cont'd)

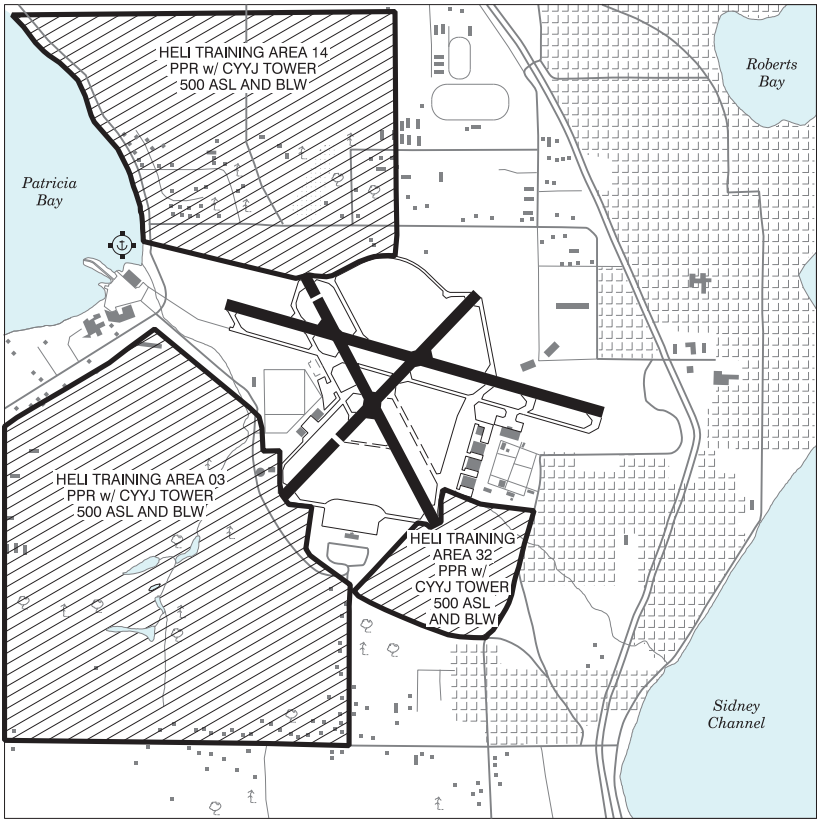
VICTORIA INTL VFR TERMINAL PROCEDURES CHARTS (Cont'd)

NAME	IDENT	LAT/LONG
ACTIVE PASS	VCACT	N48° 52' 24" W123° 18' 18"
BEAVER POINT	VCBVR	N48° 46' 18" W123° 22' 18"
BRENTWOOD BAY	VCBWB	N48° 34' 48" W123° 29' 12"
CORDOVA BAY	VCCOR	N48° 31' 12" W123° 20' 36"
COWICHAN BAY	VCCOW	N48° 44' 30" W123° 36' 18"
D'ARCY ISLAND	VCDRC	N48° 34' 00" W123° 16' 42"
EAST POINT	VCEST	N48° 47' 00" W123° 02' 48"
FINLAYSON	VCFNL	N48° 30' 24" W123° 31' 54"
GANGES	VCGAN	N48° 50' 30" W123° 27' 54"
MORESBY ISLAND	VCMOR	N48° 42' 42" W123° 18' 00"
SAMUEL ISLAND	VCSAM	N48° 49' 30" W123° 12' 54"
SHAWNIGAN LAKE	VCSHW	N48° 38' 30" W123° 38' 30"
SOMENOS LAKE	VCSOM	N48° 48' 12" W123° 42' 18"
SOOKE LAKE	VCSOO	N48° 34' 24" W123° 40' 54"
STUART ISLAND	VCSRT	N48° 41' 12" W123° 13' 54"
VESUVIUS BAY	VCVES	N48° 52' 00" W123° 33' 24"

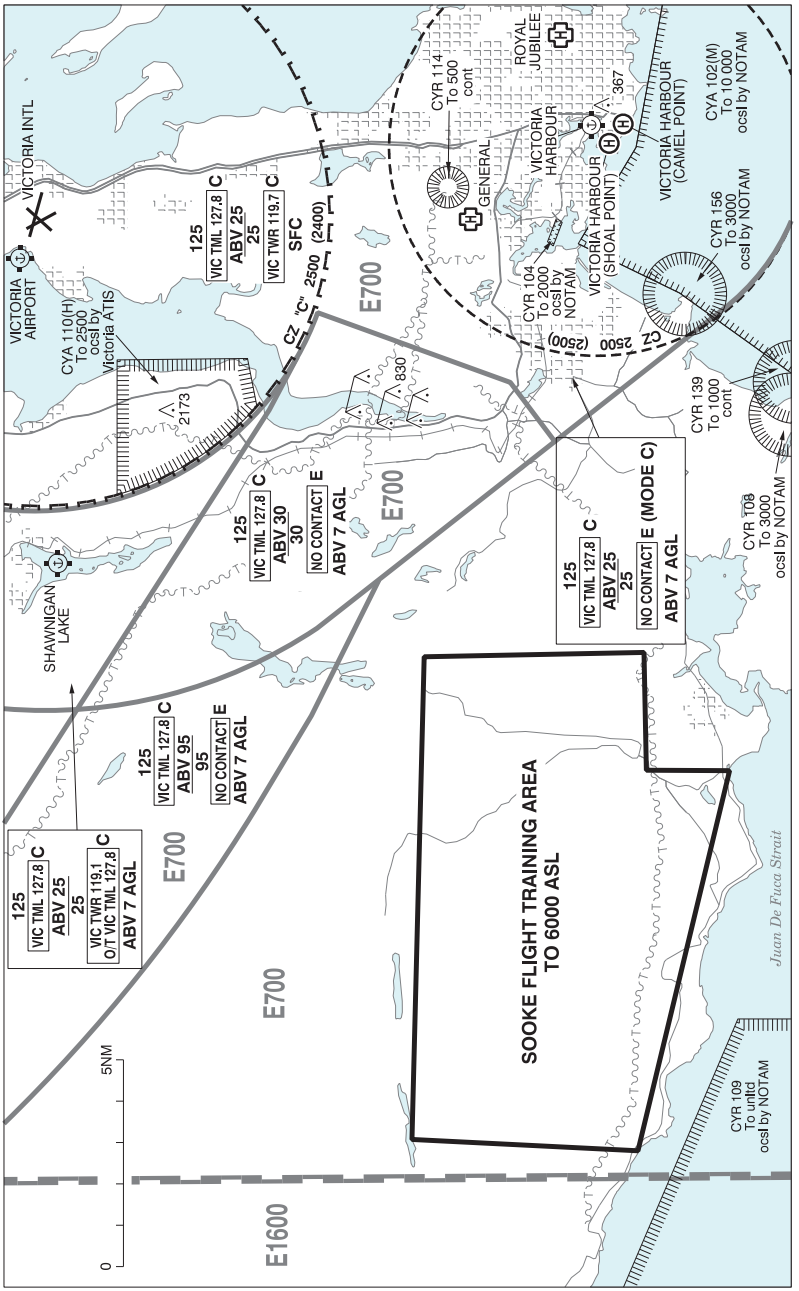
VICTORIA INTL VFR TERMINAL PROCEDURES CHART - NIGHT CIRCUIT PROCEDURES



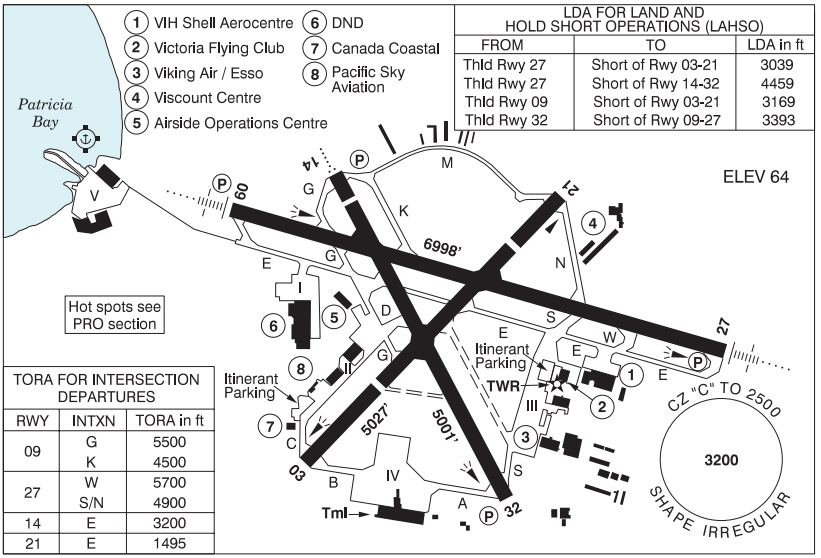
VICTORIA INTL VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



VICTORIA INTL VFR TERMINAL PROCEDURES CHART - SOOKE TRAINING AREA



VICTORIA INTL BC — CYYJ



LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)

FROM	TO	LDA in ft
Thld Rwy 27	Short of Rwy 03-21	3039
Thld Rwy 27	Short of Rwy 14-32	4459
Thld Rwy 09	Short of Rwy 03-21	3169
Thld Rwy 32	Short of Rwy 09-27	3393

TORA FOR INTERSECTION DEPARTURES

RWY	INTXN	TORA in ft
09	G	5500
	K	4500
27	W	5700
	S/N	4900
14	E	3200
21	E	1495

REF	N48 38 50 W123 25 33 12NNW 17°E (2011) UTC-8(7) Elev 64´ VTA A5004 LO2 HI3 T1 CAP
OPR	Victoria Intl Aprt Authority 250-953-7536 Ext 4 H24 Cert Ldg fees
PF	A-1,2,3,6 C-4,5
CUST	AOE/120 (450 with staged off loading) 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333.
WX	METAR H24. AUTO (See COMM) TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JB, F-34, JA-1 (FSII avbl), HPR
OIL	All
S	1,3
ARFF	DESIGNATED CAT 7 1330-0800Z‡ O/T call out chg
SUP FL	D & A-ICE CANWEST 250-883-6864 15-03Z‡, 250-882-4271 1200-2030Z‡ or AC OPS 250-656-0764
JASU	CE16
MIL ADV	Shell 122.85 24hrs PN 443 Sqn ramp, ctc ops 250-363-5443 ext 51164. No svc avbl 443 Sqn. Call AC Gnd Handling for tran svcg 250-656-1171/0764
PVT ADV	World Fuel/Viking Air 122.95 250-656-3231; Shell 122.85 250-655-5346 13-02Z‡ O/T call out chg; Victoria Flying Club 129.05 250-656-2833
MIL CON	Shell YYJ FBO Services Ltd. 250-655-5346 1300-0200Z‡

VICTORIA INTL BC (Cont'd) CYYJ

RWY DATA	Rwy 09(089°)/27(269°) 6998x200 grooved ASPH Rwy 03(027°)/21(207°) 5027x200 ASPH Thld 03 displ 1405´ Thld 21 displ 886´ Rwy 14(135°)/32(315°) 5001x200 grooved ASPH Thld 14 displ 427´ Rwy 32 up 0.39%
RWY CERT	Rwy 09 RVR 1200(1/4sm)/Rwy 27 RVR 1200(1/4sm) AGN V Rwy 03/21 AGN IIIA Rwy 14/32 AGN IIIA
TWY CERT	Twy: C, N AGN IIIB Twy K AGN II Twy M AGN I
TWY	Twy M rstd to 12,500 lbs; Twy C rstd to 50,000 lbs.
APRON	Apron II rstd to 50,000 lbs. Apron IV restricted to scheduled commercial tfc only. Exceptions require prior approval of aprt operator.
RCR	Twr 250-655-2866 1330-0730Z‡ Apr 1-Oct 31, 1230-0730Z‡ Nov 1-Mar 31 CRFI, Rwy 03/21 restricted to max 65,000 lbs for tkof and ldg. No weight restriction for taxiing acft Rwy 03/21 S of Rwy 14/32. PLR/PCN
LIGHTING	03-(TE ME), 21-(TE ME), 09-AN(TE HI) P2, 27-AN(TE HI) P2, 14-AO(TE ME) P2 3.37°, 32-(TE ME) P2 3.37° PAPI limitation/restriction. PAPI Rwy 14 to be used only within 2NM of thld, PAPI Rwy 14 & PAPI Rwy 32 on all rwy lgt settings. ARCAL-119.7 type K 08-14Z‡ Dur hrs of twr closure, one ILS will remain on.
COMM	
RCO	Kamloops rdo 119.7 (RAAS) 08-14Z‡ Pacific rdo 122.375 (FISE) 126.7 (bcst)
ATIS	118.8 1-877-517-2847 14-08Z‡
CLNC DEL	126.4 14-08Z‡
GND	121.9 361.4 14-08Z‡ O/T IFR clnc prior to tkof ctc Kamloops rdo 119.7
TWR	119.7 inner 119.1 outer 239.6 (E) 14-08Z‡ (emerg only 250-655-2866)
MF	Kamloops rdo119.7 08-14Z‡ 7NM 2500 ASL (CAR 602.98)
TML	127.8
ARR	125.45
DEP	125.95
MIL	443 Sqn-call Stinger ops 349.3
AUTO	118.8 08-14Z‡
NAV	
NDB	ACTIVE PASS AP 378 (L) N48 52 26 W123 17 24 MILL BAY MB 293 (L) N48 40 15 W123 32 13
VOR/DME	YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1997´)
DME	IKH 108.7 Ch 24 N48 39 10 W123 26 08 (80´)
ILS	IKH 108.7 (Rwy 09) RVR LOC reliable only within 10° either side of centreline; IYJ 109.95 (Rwy 27) RVR LOC reliable only within 10° either side of centreline.

VICTORIA INTL BC (Cont'd) CYYJ

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

VFR DEP/ARR ROUTES

DEPARTURES:
Beaver Point, Brentwood, Cordova, Cowichan, D'arcy Island, Moresby Island, Shawnigan Lake, Stuart Island
ALL ROUTES - Obtain Transponder code (see below);
Ctc Clearance Delivery (126.4);
Fly direct to assigned departure point;
Ctc Outer Twr (119.1) leaving 1000'.
Maintain 1500' until cleared higher by Outer Twr;

ARRIVALS:
Beaver Point, Brentwood, Cordova, Cowichan, D'arcy Island, Shawnigan Lake, Stuart Island
ALL ROUTES - Obtain Transponder code (see below);
Ctc Outer Twr 119.1;
Fly assigned route;
Maintain 2000' until cleared lower by Inner Twr (or turning final);
Ctc Inner Twr (119.7) at arrival point for landing instructions.

ARR NOTES:
High performance VFR turboprop and jet tfc (in Victoria tml airspace) ldg CYYJ can expect radar vectors to 8NM final at or above 3000'; Beaver Point arrival restricted to 160kt or less in Victoria Twr airspace (2500' or blw).

OBTAINING A TRANSPONDER CODE:

All VFR aircraft arriving/departing/overflying Victoria Class C or D airspace require a transponder code, obtained by:
-Filing a VFR flight plan;
-Contacting Kamloops FIC at 866-541-4101;
-Contacting Pacific rdo on 122.375; or
-Contacting one of the following ATS units enroute: CYHC, CYCD, CYWH, CZBB, CYXX, CYNJ or CYPK.

PPR for non-transponder ops within Victoria Class C or D airspace, ctc 250-655-2869.

TAXI ROUTES FOR WIDEBODY ACFT:

Rwy 09 Dep: Twy B, Rwy 03/21, Twy G, Twy E.
Rwy 09 Arr: Twy E westbound, Twy S, Twy A.
Rwy 27 Dep: Twy A, Twy S, Twy E eastbound.
Rwy 27 Arr: Twy E, Twy G, Rwy 03/21, Twy B.

VICTORIA INTL BC (Cont'd) CYYJ

PRO (Cont'd)

DE-ICING
GENERAL:
1. De-icing at gates is not permitted without authorization from airport operator.
2. North de-icing pad access is controlled by DE-ICE CONTROL. ALL Aircraft must have an approved assignment time prior to pushback or taxi.
3. Assignment times will be provided to de-icing providers only and are provided at 20-minute intervals. De-icing provider contact information and times are detailed in the Services section.
4. ATC does not have oversight of de-icing assignments; all inquires must be directed to de-icing providers or Snow Desk when open (250-953-7595). If the Snow Desk is not open, all inquiries should be directed to de-icing providers or Airport Operations, Manager, Integrated Operations Centre.

SCHEDULED COMMERCIAL AIRCRAFT:
1. De-icing assignments will be communicated to commercial aircraft via de-icing providers and individual company processes.
2. **NO de-icing will occur until an assignment has been issued.**

NON-SCHEDULED AIRCRAFT:
1. Aircraft requiring an assignment shall contact a de-icing provider, who will request the assignment.
2. De-ice control will issue the assignment between scheduled commercial movements and notify the de-icing provider. The de-icing provider will provide the assignment to the aircraft.
3. If the non-scheduled aircraft misses their assignment, a new assignment must be obtained.
4. **NO de-icing will occur until an assignment has been issued.**

NOISE

NOISE OPERATING RESTRICTIONS:
All night circuit and VFR dep climb rwy hdg to 1100' prior to turning crosswind or to dep pt, unless otherwise directed by ATC.
Consistent with limiting factors, all acft shall use Rwy 09/27 fr 04-15Z‡.
Limiting Factors:
-Physical cond of sfc (dry, wet, icy);
-Max effective crosswind component of 15kt;
-Max effective tailwind component of 5kt;
-Visual restrictions due to position of the sun.
Local turbo-jet tng not permitted fr 06-15Z‡.
GENERAL:
Night ops Rwy 03/21 not auth, except tkof Rwy 03.
Rgt hand circuits Rwy 09, 21 & 32 (CAR 602.96)
AIRSPACE:
CAR Part VII opr must ensure routes flown at night meet minimum alt requirements for commercial ops.

MIL

Apron 1 DND - PPR req via 443 MH Sqn Ops: (250) 363-5443 ext. 51081. Transient aircraft to park on SW portion of apron. NW section of apron has max loading of 51/R/A. No taxiing permitted E of hangar.

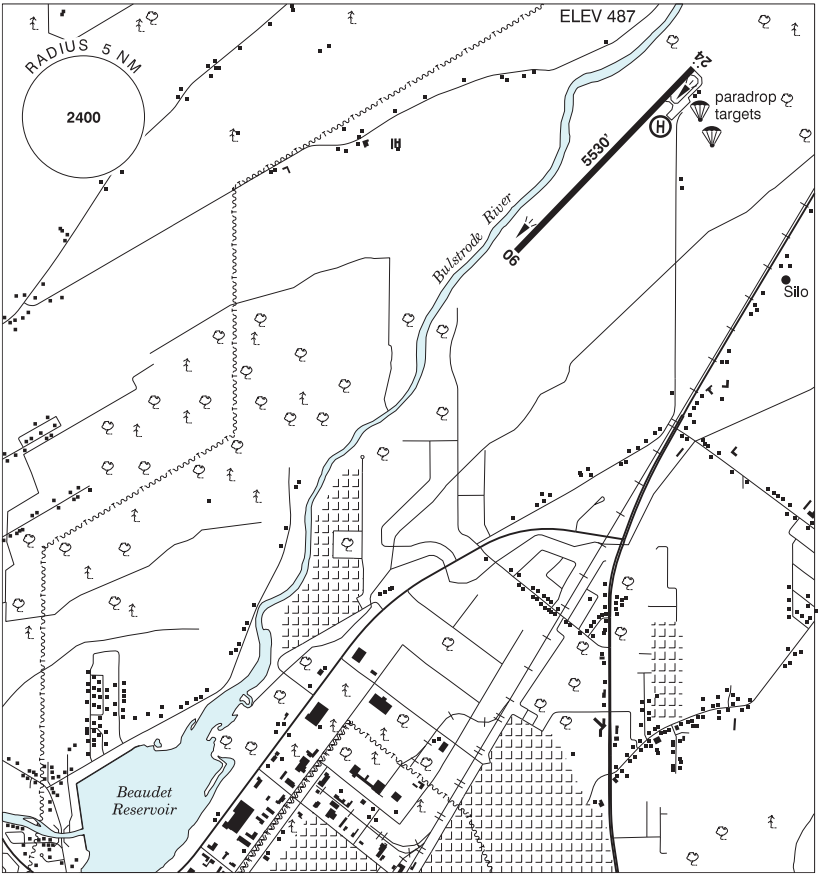
CAUTION

Hwy crosses apch to Rwy 14. Aprx 750´ fr thld mobile obst to 30´ above thld elev. Only pilots familiar with local terrain should use this apch dur hrs of darkness. Hi terrain reduces operational length of Rwy 14 PAPI.
Resident Canada Goose population significant hazard at or blw 400 AGL west of thld Rwy 09 out to 1.5 NM. Migratory birds in vic of aprt Oct-Apr.

VICTORIA TERMINAL (emerg only 604-586-4500)

Abbotsford 132.7

VICTORIAVILLE (ANDRÉ FORTIN) QC CSR3



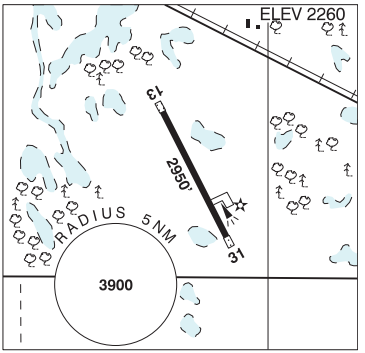
REF	N46 06 39 W71 55 54 16°W (2012) UTC-5(4) Elev 487′ A5002 LO6 LO7 LO8 HI5 HI6 CAP
OPR	Corporation Initiative Industrielle 819-752-6560 Reg
PF	A-1,2 (ltd hrs) C-3,4,5,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
WX	AUTO 819-752-5666 H24 (see COMM)
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 14-22Z‡ 819-752-6560
OIL	15W50
S	4,5,6
RWY DATA	Rwy 06(060°)/24(240°) 5530x75 ASPH Rwy 24 down 0.3% AGN II
RCR	Opr 14-22Z‡ Ltd win maint
LIGHTING	06-(TE ME), 24-AS(TE ME) ARCAL-123.35 type K

VICTORIAVILLE (ANDRÉ FORTIN) QC (Cont'd) CSR3

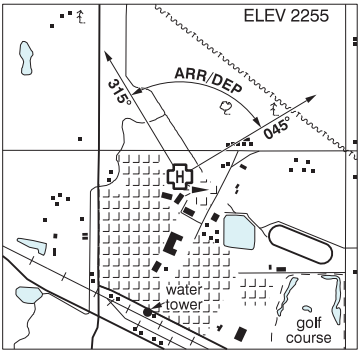
COMM	
ATF AUTO	UNICOM (French only) ltd hrs O/T tfc 123.35 5NM 3500 ASL 122.175 (bil)
PRO	Pilots are encouraged to broadcast intentions on 123.35 well before overflying the rwy. It is recommended to helicopters to apch on the rwy centreline before proceeding to the designated landing pad to prevent overflying the paradrop target.
CAUTION	Heavy para-drop activities, 1130-0400Z‡, May 1-Oct 31 up to 16,000 ASL. Possible deer on rwy. **Migratory Bird Activity:** Extv migratory bird activity (Canada geese & Snow geese/White geese) at Beaudet Reservoir aprx 3NM SW A/D, mid-Sept to end of Nov. Flt in proximity of reservoir may cause hazardous mass movement of geese. Avoid flt in proximity of reservoir blw 2000 AGL, and fly no lower than alt required for tkof/ldg at A/D.

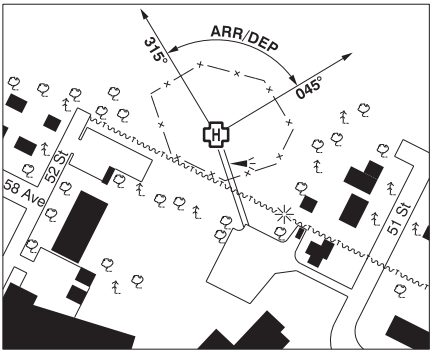
VIKING AB CEE8

REF	N53 06 34 W111 51 52 3NW 14°E (2015) UTC-7(6) Elev 2260´ A5015
OPR	Town 780-336-3466 Reg
PF	A-1 C-2,3,4,5,6
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 13(139°)/31(319°) 2950x75 ASPH Opr Ltd maint
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.2 type K
COMM ATF	tfc 123.2 5NM 5300 ASL



VIKING HEALTH CENTRE (GEORGE H. RODDICK) AB (Heli) CGR5





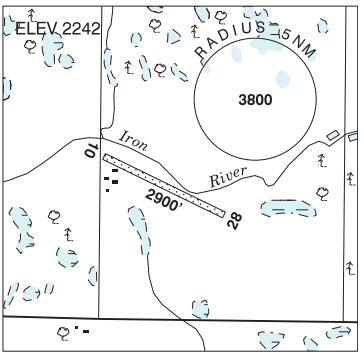
REF	N53 06 06 W111 46 36 Adj NNW 14°E (2016) UTC-7(6) Elev 2255' A5015
OPR	Alberta Health Services 780-336-4786 Cert NVIS OPS AUTH PPR
PF	A-1,2,4 C-3 D-5,6,7,8

VIKING HEALTH CENTRE (GEORGE H. RODDICK) AB (Heli) (Cont'd) CGR5

FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA RCR	FATO 86' dia GRASS TLOF 43' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96) Opr
COMM ATF	 tfc 123.2 5NM 5300 ASL
PRO	Arr/dep 315° to 045° fr heli, slope 8% (H3), NVIS required for night use (CAR 602.96).
CAUTION	Trees SW and E of heli; P-lines 130' SE of heli.

VIKING (SOUTH) AB CVS2

REF	N53 01 32 W111 56 55 7.4SW 14°E (2015) UTC-7(6) Elev 2242´ A5015
OPR	Darren Winczura 780-336-5224 Reg
FLT PLN FIC ACC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 10/28 2900x90 GRASS Opr Ltd win maint
COMM ATF	 tfc 123.2 5NM 5300 MSL
CAUTION	Rwy can be soft when wet. Fenced perimeter around rwy. Watch for wildlife.

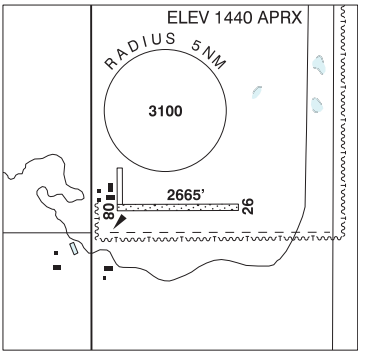


VILLENEUVE AB — See EDMONTON / VILLENEUVE

VILLENEUVE (ROSE FIELD) AB — See EDMONTON / VILLENEUVE (ROSE FIELD)

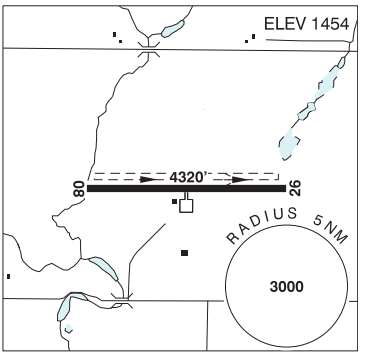
VIRDEN (GABRIELLE FARM) MB CKR7

REF	N49 47 05 W100 57 22 4S 6°E (2021) UTC-6(5) Elev 1440´ aprx A5007
OPR	D. Gabrielle 306-453-6188 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 08/26 2665x70 GRASS/SNOW
RCR	Opr Rwy soft dur spring thaw.
COMM	
ATF	Virden Gabrielle tfc 123.0 5NM 4500 ASL

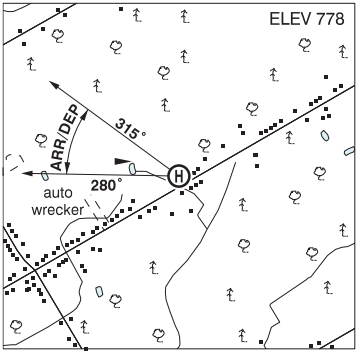


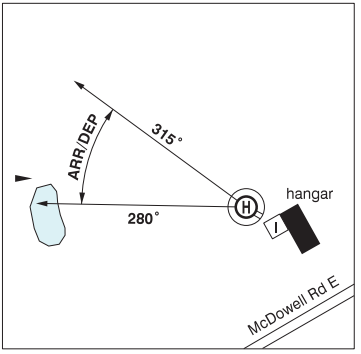
VIRDEN / R.J. (BOB) ANDREW FIELD REGIONAL MB CYVD

REF	N49 52 42 W100 55 06 1N 6°E (2013) UTC-6(5) Elev 1454´ A5007 LO4 RCAP
OPR	Town of Virden 204-748-2440 Reg
PF	C-1,2,3,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, JA-1 (FSII avbl), SP 204-748-8511 or 204-851-6230
OIL	20W50
S	4,5,6
RWY DATA	Rwy 08(083°)/26(263°) 4320x75 ASPH
RCR	Opr Ltd win maint
LIGHTING	08-(TE LO), 26-(TE LO) SS-SR
COMM	
ATF	tfc 123.0 5NM 4500 ASL



VITTORIA / HELI-LYNX ON (Heli) CHL4

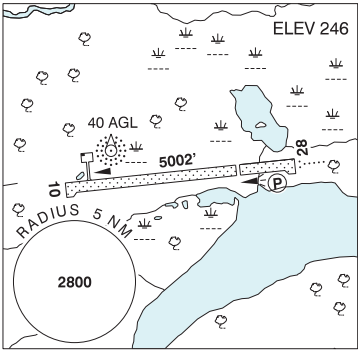




REF	N42 48 09 W80 24 07 4.2NW 9°W (2021) UTC-5(4) Elev 778 A5000
OPR	Heli-Lynx Helicopters 519-788-5253 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
FUEL	JA-1
OIL	Mobil Jet II & 254
S	2,3
HELI DATA	FATO 80' dia ASPH TLOF 50' dia ASPH Safety Area 90' dia Max heli overall length 60'
RCR	Opr
COMM	
ATF	tfc 122.9 5NM 3800 ASL
PRO	Arr/dep 280° to 315° fr heli.

VOISEY'S BAY NL CVB2

REF	N56 20 41 W62 05 17 Adj 22°W (2021) UTC-4(3) Elev 246´ A5027 LO5 HI1 RCAP
OPR	Vale Inco 709-922-4270 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
RWY DATA	Rwy 10(105°)/28(285°) 5002x100 GRVL Rwy 28 up 0.5% Thld 28 displ 1198'
RCR	Opr
LIGHTING	10-(TE HI), 28-AO(TE HI) P1 4.5° ARCAL-122.7 type J



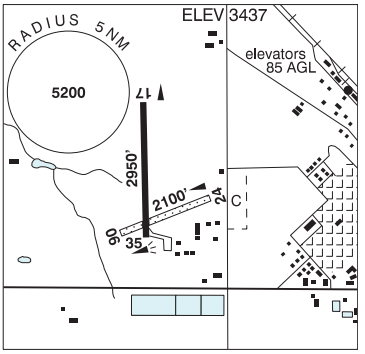
VOISEY'S BAY NL — CVB2

COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3300 ASL See PRO section
PRO	A/D lies within ATF corridor 122.8 sfc to 12,500 ASL, see Section C – Areas With Discrete Air-To-Air Frequencies.

VOLK ON — See TOTTENHAM / VOLK

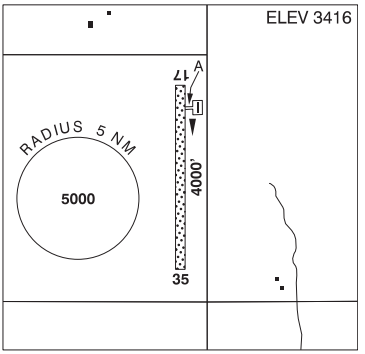
VULCAN AB — CFX6

REF	N50 24 17 W113 17 00 Adj W 14°E (2016) UTC-7(6) Elev 3437´ A5005
OPR	Town & County 403-485-2417/2592 Reg
PF	B-1 D-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17/35 2950x75 ASPH Rwy 06/24 2100x75 GRASS Rwy 06/24 soft when wet.
RCR	Opr Ltd maint
LIGHTING	17-(TE ME), 35-(TE ME) ARCAL-122.8 type K
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6500 ASL
PRO	Rgt hand circuits Rwys 17 & 24 (CAR 602.96).
CAUTION	First 1/3 of Rwy 24 ruf. Wildlife in vic of rwy. Apch to Rwy 35 may have migratory birds on reservoir.



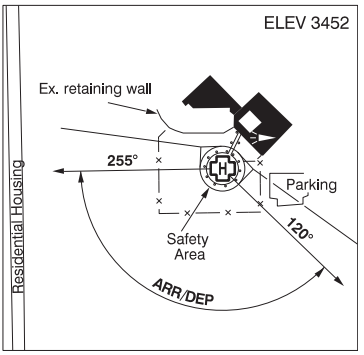
VULCAN / AGRO 1 AB — CAG4

REF	N50 19 03 W113 15 28 5.2SSE 13°E (2023) UTC-7(6) Elev 3416' A5005
OPR	Faraday Energenics Inc. 403-630-1447 Reg PPR
PF	C-1,2,4
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 17(167°)/35(347°) 4000x100 GRASS Rwy 17 down 0.75%
RCR	Opr Ltd win maint.
COMM ATF	tfc 122.8 3NM 6500 ASL
CAUTION	P-line and trees 30 AGL 1770' N Thld 17.



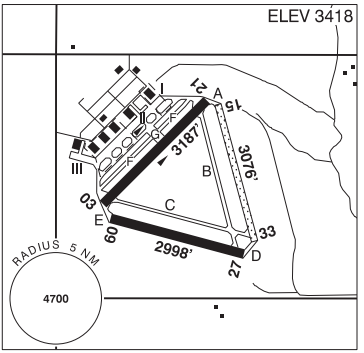
VULCAN (HOSP) AB (Heli) CVH7

REF	N50 23 45 W113 15 33 14°E (2014) UTC-7(6) Elev 3452´ A5005
OPR	Alberta Health Services 403-485-3333 Cert PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 85' dia GRASS/CONC Safety Area 116' dia
LIGHTING	Green(LO) PN
COMM ATF	UNICOM ltd hours O/T tfc 122.8 5NM 6500 ASL
PRO	Arr/dep 120° to 255°, slope 8% (H3)



VULCAN / KIRKCALDY AB CVL2

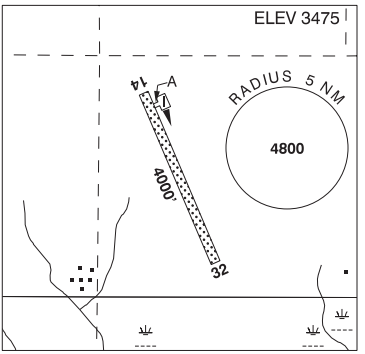
REF	N50 19 55 W113 21 28 5.7SW 15°E (2011) UTC-7(6) Elev 3418' A5005
OPR	Wheatland Industries Ltd. 403-630-1447 or 403-660-8162 Reg PPR Landing fees
PF	C-1,2,3,4,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES FUEL	100LL
S	1,4
RWY DATA	Rwy 03 (030°)/21(210°) 3187x150 ASPH Rwy 15(150°)/33(330°) 3076x150 GRVL Rwy 09 (090°)/27(270°) 2998x150 ASPH
RCR	Opr Ltd win maint. Rwy 15/33 soft when wet. ASPH and CONC surfaces weathered. Grass slippery when wet.
COMM ATF	tfc 122.8 3NM 6500 ASL



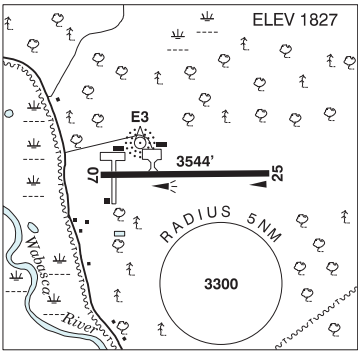
VULCAN / WILD ROSE AB

CWR2

REF	N50 21 39 W113 24 26 6SW 13°E (2023) UTC-7(6) Elev 3475' A5005
OPR	Faraday Energenics Inc. 403-630-1447 Reg PPR
PF	C-1,2 D-4
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA **RCR**	Rwy 14(144°)/32(324°) 4000x100 GRASS Rwy 14 down 1.08% Opr No win maint.
COMM **ATF**	tfc 122.8 3NM 6500 ASL

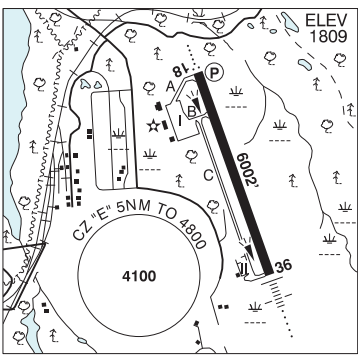


WABASCA AB — CEE5



REF	N55 57 41 W113 49 06 2SE 16°E (2012) UTC-7(6) Elev 1827´ A5015 LO1 RCAP
OPR	Municipal District #17 780-891-8294/8196/8231 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 07(074°)/25(254°) 3544x100 ASPH
RCR	Opr Ltd win maint
LIGHTING	07-(TE ME), 25-(TE ME) ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 4900 ASL
NAV	
NDB	E3 361 N55 57 49 W113 49 25 Pvt
DME	E3 110.4 (M) Ch 41 N55 57 48 W113 49 24 (1840´) Pvt

WABUSH NL — CYWK



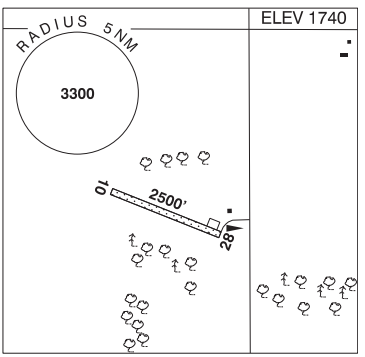
REF	N52 55 22 W66 51 53 1NE 19°W (2021) UTC-4(3) Elev 1809´ A5019 LO5 LO7 HI1 CAP
OPR	TC 709-282-5412 1200-0030Z‡ Mon-Fri, 15-21Z‡ Sat, 1400-2330Z‡ Sun Cert Ldg fees (jet and turboprop acft only), Tml fees
PF	A-1,3,6 C-2,4,5
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA). Flt Plns by Fax 418-871-4906 & include phone numbers where pilot can be reached prior to dep.
ACC	(IFR only) Montreal 514-633-3211 or 800-633-1353
WX	METAR 1100-0330Z‡ O/T METAR AUTO (see COMM) TAF H24, issue times: 02, 08, 14, 20Z WxCam
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	JA-1 (FSII avbl) Avjet 709-217-1314 Harnois 709-987-9871/9732
S	4,5,6
SUP FL	D-Ice 2 hr PN 709-282-3333
JASU	10/15 2 hr PN 709-282-3333

WABUSH NL (Cont'd) CYWK

RWY DATA	Rwy 18(179°)/36(359°) 6002x150 ASPH
RWY CERT	Rwy 18 RVR 1200(1/4sm)/Rwy 36 RVR 1200(1/4sm) AGN IIIB
APRON	Prkg stand are reserved for sked acft. Prkg fees.
RCR	Opr CRFI 13-01Z‡ Sun-Fri, 13-21Z‡ Sat, avbl 3 hr PPR 01-03Z‡ Sun-Fri call out chg. O/T MEDEVAC only 2 hr PN. PCN.
LIGHTING	18-AO(TE HI) P2, 36-AN(TE HI) ARCAL-122.0 type K 0300-1100Z‡
COMM	
RADIO	122.0 296.2 PTC avbl (E) 1100-0330Z‡ (emerg only 709-282-6224)
RCO	Québec rdo 123.375 (FISE) 126.7 (bcst)
ATIS	128.125 1100-0330Z‡
CLNC DEL	122.6 PTC avbl ltd hrs
MF	rdo 122.0 1100-0330Z‡ O/T tfc 5NM 4800 ASL (CAR 602.98)
PAL	Montréal Ctr 132.25
AWOS	128.125 0330-1100Z‡
NAV	
VOR/DME	YWK 112.3 Ch 70 N52 57 36 W66 51 13 (2212')
DME	IWK 110.1 Ch 38 N52 55 07 W66 51 37 (1815')
ILS	IWK 110.1 (Rwy 36)
CAUTION	**BLASTING:** Mine blasting ops within 1.8NM radius N53 03 01 W066 57 31 (aprx 8.3NM N of A/D) to 5000 ASL, within 1.2NM radius N53 01 30 W066 49 16 (aprx 6.4NM NE of A/D) to 5000 ASL, within 1.6NM radius N52 54 29 W066 56 19 (aprx 2.8 NM W of A/D) to 2703 ASL, within 2.3NM radius N52 59 46 W066 56 44 (aprx 5.3NM NNW of A/D) to 5000 ASL, within 1.5NM radius N52 50 12 W067 18 16 (aprx 17NM W of A/D) to 6923 ASL and within 3.2NM radius N52 45 35 W67 18 46 (aprx 19NM WSW of A/D-Mont Wright Area) to 8000 ASL. **WINDS:** Winds reports E to SE unrel due terrain. **APCH LIGHTING:** Roadway lights similar to apch lighting 3NM from Thld 18, left of centreline.

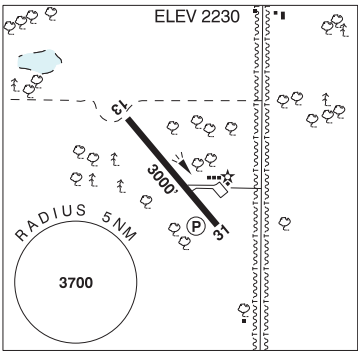
WADENA SK CKS7

REF	N51 56 W103 50 1SW 9°E (2012) UTC-6 Elev 1740´ A5006
OPR	Town 306-338-2145 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5,6
RWY DATA	Rwy 10(101°)/28(281°) 2500x75 GRVL
RCR	Opr after 23Z call 306-338-2027/7572 Ltd win maint
COMM	
ATF	tfc 123.2 5NM 4800 ASL



WAINWRIGHT AB — CYWV

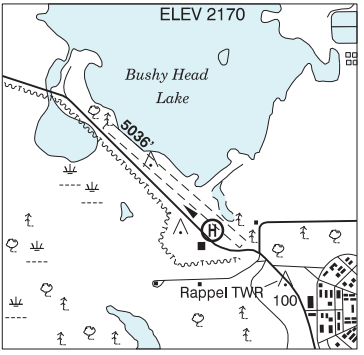
REF	N52 47 48 W110 51 31 1.7S 13°E (2016) UTC-7(6) Elev 2230´ A5015 LO2 HI3 CAP
OPR	Town 780-842-3381 O/T 780-842-2564 Reg
PF	A-1,2 C-2,3,4,5,6
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 13(127°)/31(307°) 3000x75 ASPH/SNOW AGN IIIA
RCR	Opr Ltd maint, snow may be plowed or compacted.



LIGHTING	13-(TE ME), 31-(TE ME) P1 ARCAL-122.8 type K
COMM **ATF**	O/T tfc 122.8 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 31 (CAR 602.96).

WAINWRIGHT / CAMP WAINWRIGHT FIELD AB (Heli) — CFF7

REF	N52 49 41 W110 54 16 Adj NW 14°E (2013) UTC-7(6) Elev 2170´ A5015
OPR	DND 780-842-1363 Ext 1202/1616 CSN 319-530-1202/1616 Mil PPR
PF	C-1,2,3,4,5
FLT PLN **FIC**	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO 4000x100 GRASS/SNOW PAD 132x100 concrete.
RCR	Opr

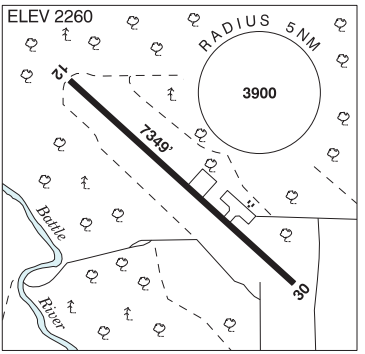


COMM **MIL**	Range ctl 49.9 FM 122.8 229.8 780-842-1363 Ext 1610, CSN 319-530-1610
PRO	Lctd within CYR 203, cont instv jet, transport & heli tfc & live firing surface to 17,000 ASL without advanced ntc. Avoid overflight of CFB Wainwright
CAUTION	P-Line along road S of heli. Extv bird activity in vic of heli. FATO area is soft/rutted with numerous obstacles. Rappel twr aprx 100' high loc 1000' SE of pad on apch.

WAINWRIGHT (FIELD 21) AB — See WAINWRIGHT / WAINWRIGHT (FIELD 21)

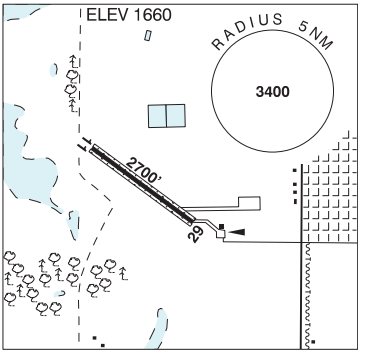
WAINWRIGHT / WAINWRIGHT (FIELD 21) AB — CYWN

REF	N52 49 51 W111 06 04 9W 13°E (2022) UTC-7(6) Elev 2260´ A5015 LO2 HI3
OPR	DND 780-842-1363 Ext 1202/1610 CSN 319-530-1202/1610 Mil PPR
PF	D-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA	Rwy 12(119°)/30(299°) 7349X82 ASPH
RCR	Opr Ltd win maint. Rwy 12/30 PCN 39/F/D/W/T
LIGHTING	12-(TE ME), 30-(TE ME)
COMM	
MIL	Range ctl 49.9 FM 122.8 229.8 780-842-1363 Ext 1610, CSN 319-530-1610
PRO	Rgt hand circuits Rwy 12 (CAR 602.96). Lctd within CYR 203, cont intsv jet, transport & heli tfc & live firing surface to 17,000 ASL without advanced ntc.



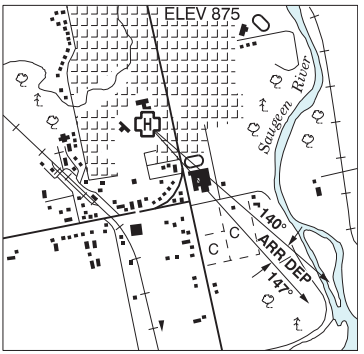
WAKAW SK — CKT7

REF	N52 39 W105 46 Adj W 10°E (2016) UTC-6 Elev 1660´ A5015
OPR	Town 306-233-4223 Reg PPR
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5,6
RWY DATA	Rwy 11(114°)/29(294°) 2700x100 GRASS/treated GRVL
RCR	306-233-4223/8080 Ltd win maint
COMM	
ATF	tfc 123.2 5NM 4700 ASL
PRO	Rgt hand circuits Rwy 11 (CAR 602.96).



WALKERTON (COUNTY OF BRUCE GEN HOSP) ON (Heli) CNG6

REF	N44 07 16 W81 09 08 Adj S 9°W UTC-5(4) Elev 875´ A5000
OPR	County of Bruce Gen Hosp 519-881-1220 Cert PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	86´ x 86´ ASPH 114´ x 114´ Rstd max heli length 57.5´
LIGHTING	RY(LO) RF(FL)
COMM A/G	Ambulance dispatch 129.275



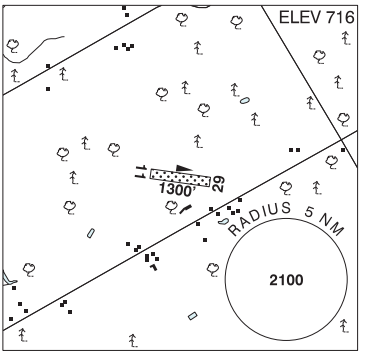
PRO	Arr/dep btwn 140°-147° fr heli, preferred direction 143°, slope 8% (H3), day/night use.
CAUTION	Brightly lgtd park under the apch 900´ fr heli.

WALLACEBURG / CHATHAM-KENT HEALTH ALLIANCE (WALLACEBURG) ON (Heli) CSY7

REF	N42 35 57 W82 22 00 Adj 8°W (2012) UTC-5(4) Elev 581' A5000
OPR	Chatham-Kent Health Alliance 519-352-6400 Ext 6664 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA RCR	FATO 86' x 86' CONC & GRASS TLOF 50' x 50' CONC Safety Area 115' x 115' Max heli overall length 54.7' Opr
LIGHTING	DR RY(LO) RF(FL)
COMM ATF	tfc 122.8 5NM 3600 ASL
PRO	Arr/dep 003° fr heli, slope 14% (H2).

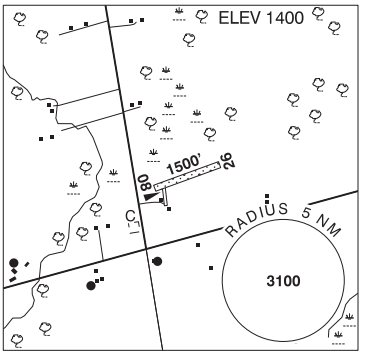
WALSINGHAM / CEILIDH ON — CCL7

REF	N42 41 27 W80 30 00 1.4ENE 10°W (2022) UTC-5(4) Elev 716' A5000
OPR	Paul Anderson 519-410-7767 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5, 7
RWY DATA RCR	Rwy 11/29 1300x100 GRASS Opr
COMM ATF	tfc 123.2 3NM 3800 ASL
CAUTION	Trees within 1000' of apch Rwy 11.



WALTER'S FALLS (PIPER WAY) ON — CWF2

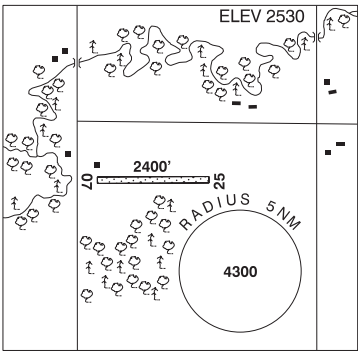
REF	N44 27 51 W80 37 15 4ESE 10°W (2011) UTC-5(4) Elev 1400' A5000
OPR	Paul Irwin 519-538-1303 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 08(080°)/26(260°) 1500x50 GRASS Opr Ltd hrs. No win maint. Rwy soft in spring.
COMM ATF	tfc 123.2 3NM 4400 ASL
CAUTION	P-lines 500' W of rwy 30 AGL. Twr 0.87NM SW 365 AGL. Wildlife on rwy dawn/dusk.



WAPEKEKA ON — See ANGLING LAKE / WAPEKEKA

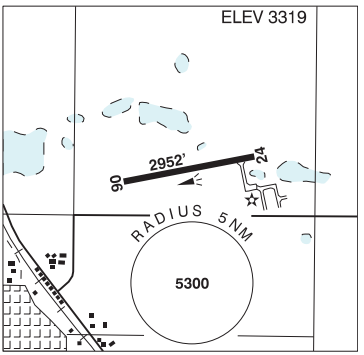
WARBURG / ZAJES AB — CFH8

REF	N53 13 W114 20 2.4N 16°E (2012) UTC-7(6) Elev 2530´ A5015
OPR	K.S. Zajes 780-848-2508 Reg PPR
PF	B-1 D-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 07/25 2400x90 GRASS Opr Ltd win maint
COMM ATF	tfc 123.2 5NM 5600 ASL



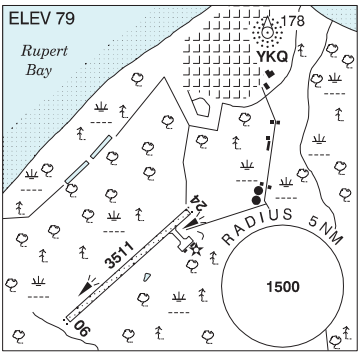
WARNER AB — CEP6

REF	N49 17 36 W112 11 21 1NE 15°E UTC-7(6) Elev 3319´ A5005
OPR	Village 403-642-3877 Reg
PF	C-1 D-2,3,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
RWY DATA RCR	Rwy 06(062°)/24(242°) 2952x75 ASPH Opr Ltd maint
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 6400 ASL



WARREN FIELD ON — See MOUNT BRYDGES / WARREN FIELD

WASKAGANISH QC — CYKQ

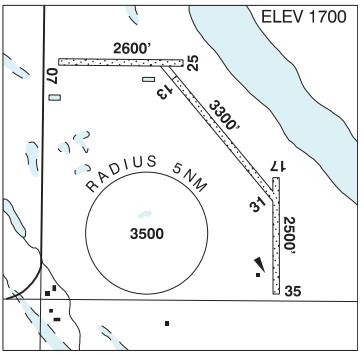


REF	N51 28 24 W78 45 30 Adj S 14°W (2013) UTC-5(4) Elev 79´ A5009 LO3 HI1 HI4 CAP
OPR	Transport Canada 819-895-8757/8925 O/T 819-895-8650 Cert Ldg fees (jet and turboprop acft only), Tml fees
PF	C-1, (3,5,6 ctc Opr)
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-895-8757 ltd hrs
WX	METAR dur CARS hrs O/T LWIS TAF 16-22Z‡, issue time: 1540Z‡ Sun-Fri.
RWY DATA	Rwy 06(062°)/24(242°) 3511x100 GRVL
RWY CERT	Rwy 06/24 AGN IIIA
APRON	Prkg fees
RCR	Opr 12-21Z‡ O/T 3hrs PN
LIGHTING	06-AS(TE ME), 24-AS(TE ME) ARCAL-122.1 type K
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-22Z‡ Sun-Fri
NAV	
NDB	YKQ 351 (M) N51 29 13 W78 44 42
CAUTION	Bird activity at the aeration basin, aprx 0.5NM WSW of Thld 06.

WATERLOO ON — See KITCHENER / WATERLOO

WATROUS SK — CKU7

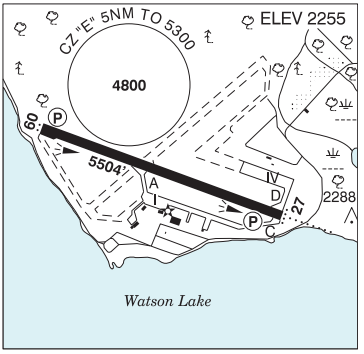
REF	N51 41 07 W105 22 12 4E 10°E (2013) UTC-6 Elev 1700´ A5006
OPR	Town 306-946-3369 Fax 306-946-2974 Reg
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 07(078°)/25(258°) 2600x60 CLAY/GRVL Rwy 13(130°)/31(310°) 3300x75 GRASS Rwy 17(170°)/35(350°) 2500x75 GRASS
RCR	Opr Ltd win maint ctc opr. Rwy 07/25 soft when wet.
COMM	
ATF	tfc 123.2 5NM 4700 ASL
CAUTION	Paraglider act in vic of AD.



WATSON AIRFIELD ON — See LONDON / WATSON AIRFIELD

WATSON LAKE YT — CYQH

REF	N60 06 59 W128 49 21 5W 20°E (2018) UTC-7 Elev 2255´ A5021 A5022 A5029 A5099 LO5 HI2 CAP
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Cert
PF	A-1 D-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-536-2905 Fax 867-536-7803
WX	METAR H24 TAF H24, issue times: 00, 06, 12, 18Z.
SERVICES	Fuel stor by permit only ctc opr
FUEL	100LL, JA Eagle Fuels, credit card accepted. 867-536-2905 or 15-00Z Mon-Fri 888-869-5414 ext 1, 867-633-5908 ext 1 O/T 867-334-4724, 867-333-9914
S	2,4,5
RWY DATA	Rwy 09(090°)/27(270°) 5504x150 ASPH
RWY CERT	Rwy 09/27 AGN IIIB
TWY	Twy D no win maint. Day use only.
APRON	Apron IV no win maint. Day use only.
RCR	CARS CRFI ltd hrs. Win ops 15-23Z. RCR/snow removal ltd avail. CTC CARS. Call out chg applicable.

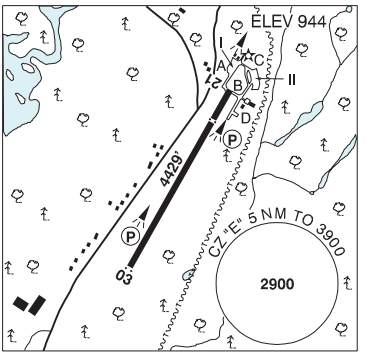


WATSON LAKE YT (Cont'd) CYQH

LIGHTING	09-AS(TE ME) P2, 27-AD(non-std 1800´) AS(TE ME) P2
COMM	
RCO	Whitehorse rdo 123.375 (FISE) 126.7 (bcst)
MF	aprt rdo 122.1 5NM 5300 ASL (CAR 602.98)
APRT RDO	122.1 (V)
NAV	
VOR/DME	YQH 114.9 Ch 96 N60 05 11 W128 51 27 (2509´)
DME	IQH 110.3 Ch 40 N60 07 08 W128 49 50 (2297´)
ILS	IQH 110.3 (Rwy 09) RVR LOC reliable only within 10° either side of centreline.
PRO	All non-sked acft with wingspan over 60' require PN, ctc Opr.

WAWA ON CYXZ

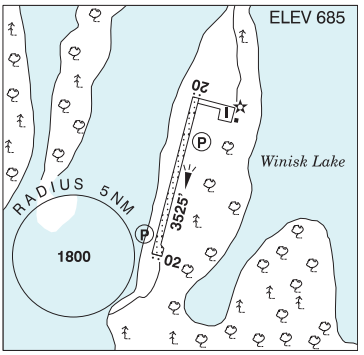
REF	N47 58 01 W84 47 11 1.7SSW 7°W UTC-5(4) Elev 944' A5001 A5008 LO4 CAP
OPR	The Corporation of the Municipality of Wawa 705-856-2244 Ext 270 or 705-971-1816 Reg Ldg Fees
PF	B-1,6 C-2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR 11-24Z O/T LWIS TAF 13-24Z, issue times: 13, 20Z



SERVICES	Airside emerg phone on wall of ATB. Ltd hrs. 11-24Z‡ Mon-Sun Jun 1-Aug 31. 11:30-20:00Z‡ Mon-Fri Sept 1-May 31. Clsd Dec 25, 26 & Jan 1 O/T call out chg 705-971-1816.
FUEL	100LL, JA-1
OIL	80
S	5
RWY DATA	Rwy 03(036°)/21(216°) 4429x98 ASPH Thld 21 displ 689´.
APRON	Apron I - Airport terminal building. Apron II - ASPH surface, prkg fees.
RCR	Opr
LIGHTING	03-AS(TE ME) P2 3.5°, 21-AS(TE ME) P1 4.0° ARCAL-122.8 type K
COMM	
RCO	London rdo 122.375 (FISE) 126.7 (bcst)
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3900 ASL
PAL	Toronto Ctr 124.075
NAV	
DME	YXZ 112.7 Ch 74 N47 57 02 W84 49 22 (1263´)
CAUTION	Twr 1860 ASL (420 AGL) on arr Rwy 21/dep Rwy 03, 3.3NM fr thld Rwy 21. PAPI apch slope Rwy 21 will ensure obstacle clnc.

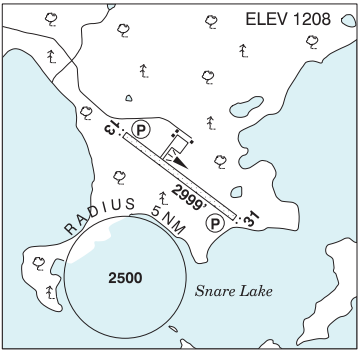
W.B. NEEDHAM FIELD SK — See WYNYARD / W.B. NEEDHAM FIELD

WEBEQUIE ON — CYWP



REF	N52 57 34 W87 22 31 1SSW 7°W UTC-5(4) Elev 685´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-353-5301 13-22Z‡ Mon-Fri exc hols Cert
PF	C-1,4
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 02(022°)/20(202°) 3525x100 GRVL Rwy 20 down 0.57%
RWY CERT	Rwy 02/20 AGN IIIA
RCR	Aprt Foreperson 807-631-1757 or Opr Ltd maint 13-22Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal & climatic var.
LIGHTING	02-AS(TE ME) AP, 20-AS(TE ME) AP ARCAL-122.8 type K.
COMM	
ATF	tfc 122.8 5NM 3700 ASL
PRO	Wind shear may be encountered on apch 02 and/or dep fr Rwy 20.
CAUTION	Extv bird activity at landfill 0.8NM SSE of Thld 02.

WEKWEÈTÌ NT — CYWE



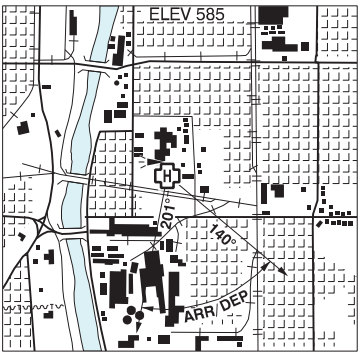
REF	N64 11 27 W114 04 36 3.2E 16°E (2018) UTC-7(6) Elev 1208´ A5030 A5035 LO5 CAP
OPR	Govt of Northwest Territories 867-767-9091 Emerg/Incident rpt 867-445-5518 or 877-989-1400 2230-2330Z‡ Sun-Fri O/T 1 hr PN ctc 867-713-2222. Call out chg may be levied. Cert
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (see COMM) TAF 14-02Z‡, issue times: 14, 19Z (DT 13, 19Z) WxCam
RWY DATA	Rwy 13(127°T)/31(307°T) 2999x75 GRVL Rwy 31 up 1.26% first half
RWY CERT	Rwy 13/31 AGN II
RCR	Opr Win maint 1630-2330Z‡ Sun-Fri O/T 1 hr PN ctc 867-713-2222. Call out chg may be levied. Rwy compacted snow & grvl mix during win conds.
LIGHTING	13-AS(TE ME) AP, 31-AS(TE ME) AP ARCAL-123.2 type K key mic 7 times for AS APAPI avbl low intensity only
COMM	
ATF	tfc 123.2 5NM 4300 ASL
AWOS	128.7

WEKWEÈTÌ NT (Cont'd) CYWE

PRO	Rgt hand circuits Rwy 13 (CAR 602.96).
CAUTION	Caribou may stray onto rwy. Only pilots familiar with lcl terrain should use this aprt at ngt because of higher terrain 1/2 NM NW aprt. Acft on opposite ends of rwy may not be visible to each other.

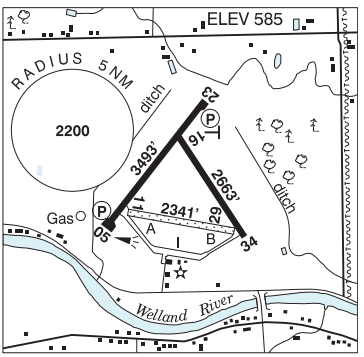
WELLAND (COUNTY GEN HOSP) ON (Heli) CPB3

REF	N42 58 39 W79 14 59 Adj S 10°W UTC-5(4) Elev 585´ A5000
OPR	Welland County Gen Hosp 905-732-6111 Cert PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia ASPH & GRASS TLOF 40' x 40' ASPH Safety Area 114' dia Max heli overall length 57.5'
RCR	Opr
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep 140° to 201° fr heli, slope 8% (H3), day/night use.



WELLAND / NIAGARA CENTRAL DOROTHY RUNGELING ON CNQ3

REF	N42 58 48 W79 19 29 3.5W 10°W (2014) UTC-5(4) Elev 585' A5000 LO6 CAP
OPR	Niagara Central Airport Commission 905-714-1000 Reg
PF	B-6 C-2,3,4,5
CUST	AOE/CAN
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL Self-serve H24 Visa, MasterCard & debit cards
OIL	All
S	2,3,4,5
RWY DATA	Rwy 05(048°)/23(228°) 3493x100 ASPH AGN II Rwy 16(156°)/34(336°) 2663x50 ASPH Rwy 11(110°)/29(290°) 2341x60 GRASS
RCR	Opr 14-22Z‡ Rwy 11/29 no win maint.
LIGHTING	05-(TE ME) AP, 23-(TE ME) AP ARCAL-123.5 type K
COMM **ATF**	UNICOM ltd hrs O/T tfc 123.5 5NM 3600 ASL



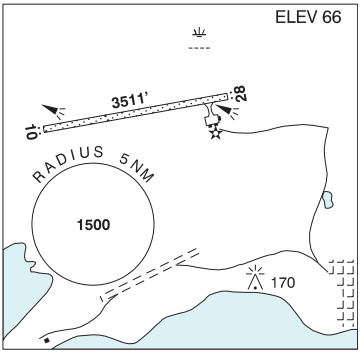
WELLAND / NIAGARA CENTRAL DOROTHY RUNGELING ON (Cont'd) CNQ3

PRO	Rgt hand circuits Rwy 23, 29, and 34 (CAR 602.96). Parachute activity, do not overfly A/D; join circuit on downwind leg.
CAUTION	Parajumps at A/D and within 2NM to 12500 ASL Mar-Dec. Glider activity Sat, Sun and hols Apr-Jun and Sep-Nov. Gliders may follow non-standard circuit. Canada Geese activity.

WELLER QC — See STANSTEAD / WELLER

WEMINDJI QC CYNC

REF	N53 00 38 W78 49 52 Adj NW 15°W (2013) UTC-5(4) Elev 66´ A5018 LO3 CAP
OPR	TC (OPR) Cree Nation of Wemindji (APM) 819-978-3936/3937/7595 or 819-978-7210/7589/7398 13-21Z‡ O/T May-Oct 1hr PN, Nov-Apr 3hrs PN 819-978-7595/7210/7398 Cert Ldg fees (jet and turboprop acft only) Tml fees
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC	Montréal 800-633-1353
CARS	819-978-3937/7589/3936 Fax 819-978-3367 rltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS
RWY DATA	Rwy 10(095°)/28(275°) 3511x100 GRVL Rwy 10 up 1.02%
RWY CERT	Rwy 10/28 AGN IIIA
APRON	Prkg fees
RCR	APM 819-978-3936/7595/7210 13-21Z‡ O/T May-Oct 1hr PN, Nov-Apr 3hrs PN
LIGHTING	10-AS(TE ME), 28-AS(TE ME) ARCAL-122.1 type K
COMM	
MF	aprt rdo (English only) ltd hrs O/T tfc 122.1 15NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 14-21Z‡ Mon-Fri, 17-22Z‡ Sun
CAUTION	Extv bird activity Jun-Oct.

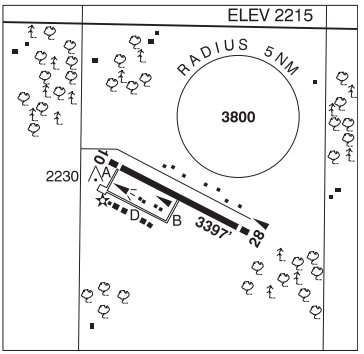


WEST KOOTENAY REGIONAL AB — See CASTLEGAR / WEST KOOTENAY REGIONAL

WESTLOCK AB

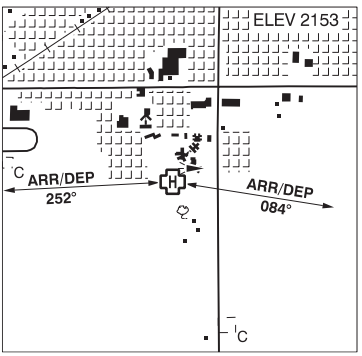
CES4

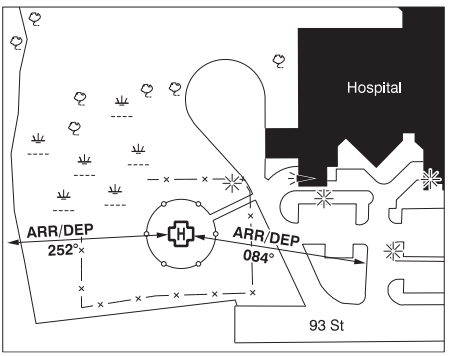
REF	N54 08 30 W113 44 25 4E 16°E (2012) UTC-7(6) Elev 2215´ A5015 LO1 CAP
OPR	County 780-919-8989, 780-349-3346 Reg
PF	B-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL Self-serve H24 780-920-0038
S	4,5,6
RWY DATA	Rwy 10(101°)/28(281°) 3397x75 ASPH Thld 10 displ 197' Thld 28 displ 188' AGN IIIA
RCR	Opr Ltd maint
LIGHTING	10-(TE ME), 28-(TE ME) Solar lgt ints may diminish prior to SR
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5300 ASL
PRO	Rgt hand circuits Rwy 28 (CAR 602.96).
CAUTION	Parachuting on aprt dur daylight hrs. Acft on opposite ends of rwy may not be visible to each other. Ultralight tfc in vic A/D, 500' circuit may be in effect.



WESTLOCK (HEALTHCARE CENTRE) AB (Heli)

CAA3





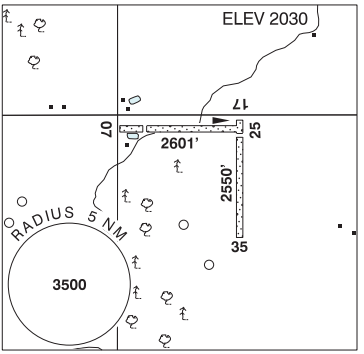
REF	N54 08 48 W113 51 18 Adj S 15°E (2017) UTC-7(6) Elev 2153' A5015
OPR	Alberta Health Services 780-307-3163 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6,7,8
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526

WESTLOCK (HEALTHCARE CENTRE) AB (Heli) (Cont'd) CAA3

HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57' (CAR 602.96)
RCR	Opr
LIGHTING	DR Arr/Dep 252° RW (LO) yellow LED
COMM	
ATF	tfc 122.8 5NM 5200 ASL
PRO	Arr/dep 084° fr heli slope 16% (H2) & 252° fr heli slope 8% (H3) (CAR 602.96).
CAUTION	Marked floodlight post N of heli adj safety area.

WESTLOCK (HNATKO FARMS) AB CHF3

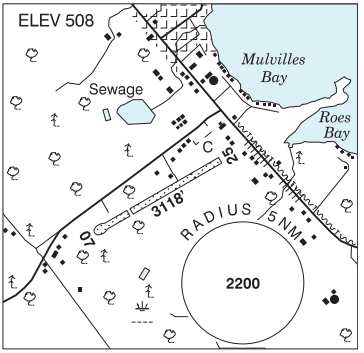
REF	N54 12 24 W114 07 14 10W 15°E (2013) UTC-7(6) Elev 2030' A5015
OPR	Hnatko Farms 780-349-1805 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL
OIL	100, 15W50
S	7



RWY DATA	Rwy 07(074°)/25(254°) 2601x60 GRASS Thld 07 displ 500' Rwy 17(165°)/35(345°) 2550x60 GRASS Thld 17 displ 290'
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5100 ASL
CAUTION	P-lines apch Rwy 07, marked

WESTPORT / RIDEAU LAKES ON CRL2

REF	N44 39 56 W76 23 55 0.7SE 13°W (2012) UTC-5(4) Elev 508' A1905 A5000
OPR	Rideau Lakes Flying Club 613-539-0182 Reg
PF	A-1 C-2,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	4,5



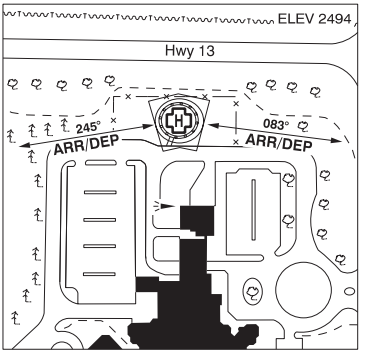
RWY DATA	Rwy 07(072°)/25(252°) 3118x60 GRASS/GRVL Thld 07 displ 900'.
RCR	Opr No win maint. Rwy cond susceptible to rain and soft in spring.

WESTPORT / RIDEAU LAKES ON (Cont'd) CRL2

COMM	
ATF	tfc 123.2 5NM 3500 ASL
CAUTION	Trees 140´ W of thld Rwy 07 aprx 50 AGL.

WETASKIWIN (HOSPITAL & CARE CENTRE) AB (Heli) CWC4

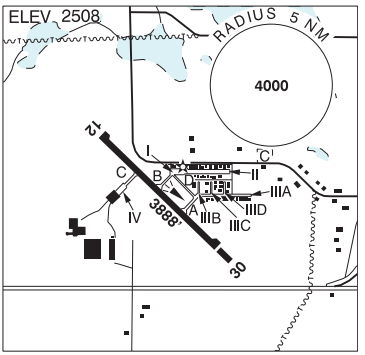
REF	N52 59 18 W113 22 05 Adj N 15°E (2013) UTC-7(6) Elev 2494' VTA A5015
OPR	FM&E AHS 780-361-7100 Cert PPR
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
HELI DATA	FATO/TLOF 86' dia ASPH Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
LIGHTING	RW(LO) green



COMM	
ATF	UNICOM ltd hrs O/T tfc 123.5 5NM 5600 ASL
PRO	Arr/dep 083° & 245° fr heli, slope 16% (H2)
CAUTION	Unlgtd/unmarked lamp standards aprx 30 AGL aprx 230' NE & NW of heli. P-line running E/W aprx 24 AGL N of heli. Numerous unlgtd/unmarked lamp posts aprx 15 AGL SE/SW of heli. Trees aprx 40 AGL 200' E & W of heli.

WETASKIWIN REGIONAL AB CEX3

REF	N52 57 55 W113 24 42 Adj W 15°E (2013) UTC-7(6) Elev 2508´ VTA A5015 LO2 T1 CAP
OPR	City of Wetaskiwin 780-361-4449 16-24Z‡ Mon-Fri exc hols O/T 2 hrs PN. Call out chg Cert
PF	A-1 avbl 1530-1130Z‡,7,8 C-2,3,4,5 D-6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526



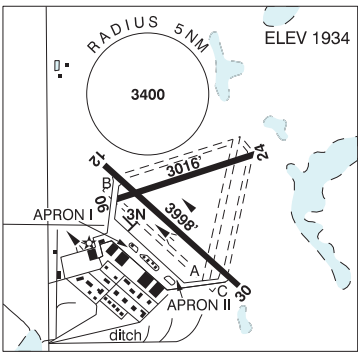
SERVICES	
FUEL	100LL
OIL	All
S	1,2,3,4,5,6
RWY DATA	Rwy 12(120°)/30(300°) 3888x100 ASPH Thld 30 displ 370'.
RWY CERT	Rwy 12/30 AGN II
APRON	Aprons II, IIIA, IIIB, IIIC & IIID: Pvt
RCR	Opr Win maint 16-24Z‡ Mon-Fri exc hols O/T 2 hrs PN. Call out chg. No win maint on Twy C.

WETASKIWIN REGIONAL AB (Cont'd) CEX3

LIGHTING	12-(TE ME), 30-(TE ME) ARCAL-123.5 type K Twy C unlighted.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.5 5NM 5600 ASL
ARR	Edmonton Tml 119.5
DEP	Edmonton Tml 119.5
VFR ADV	Edmonton Tml 127.4 in Class C
PRO	Rgt hand circuits Rwy 12 (CAR 602.96). Edmonton Class C Airspace overlies A/D. TRANSPONDER MANDATORY - Acft operating in Edmonton Class C require a discrete transponder code which may be obtained by filing a flt plan or ctc 888-358-7526 at least 30 min prior to entering. IFR Training Restriction: PPR for IFR tng flights. Ctc ATC 888-358-7526 no more than 24 hrs prior to ETD.
CAUTION	Light standards aprx 26 AGL along N side highway S of Thld 30. Bird act Apr-Oct.

WEYBURN SK CJE3

REF	N49 41 51 W103 48 03 2.2NE 8°E (2014) UTC-6 Elev 1934´ A5006 LO2 CAP
OPR	Town 306-848-3230 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA-1 H24 Cardlock (credit). Ctc Prairie Sky Cooperative Association 306-848-3689
S	4,5

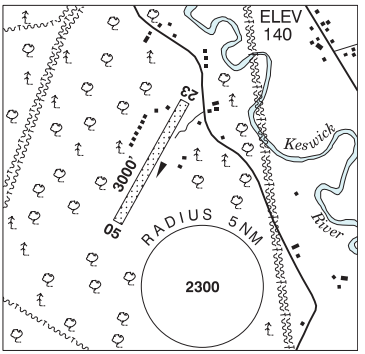


RWY DATA	Rwy 06(064°)/24(244°) 3016x75 ASPH Rwy 06 up 0.38%. Rwy 12(124°)/30(304°) 3998x75 ASPH
RCR	Opr 14-23Z Mon-Sat exc hols. Ltd win maint Sat, Sun, hols & 23-14Z Mon-Frl Rwy 06/24 wt rstd to 7000 lbs. No win maint.
LIGHTING	12-(TE LO), 30-(TE LO) ARCAL-122.8 type J
COMM	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 5000 ASL
CAUTION	Wildlife frequently on rwy. Bird activity Apr-Nov.

WEYMAN AIRPARK NB

CCG3

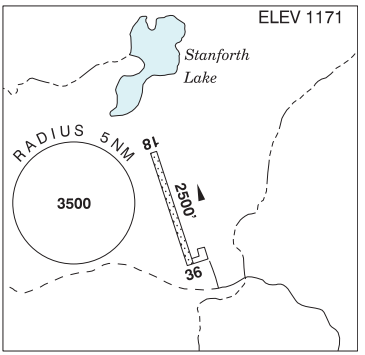
REF	N46 02 15 W66 51 32 17°W (2015) UTC-4(3) Elev 140´ A5003
OPR	David Bradley 506-450-4087 Reg PPR
PF	B-1 C-2 D-3,4,5,6
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
RWY DATA	Rwy 05/23 3000x80 SAND/GRVL/chip seal
RCR	Opr No win maint
COMM	
ATF	tfc 123.2 5NM 3100 ASL
CAUTION	Glider activity Apr 15-Dec 15. Rwy may be soft during thaw. Scottfield Airpark aprx 12NM W, ATF 123.2.



WEYMONTACHIE QC

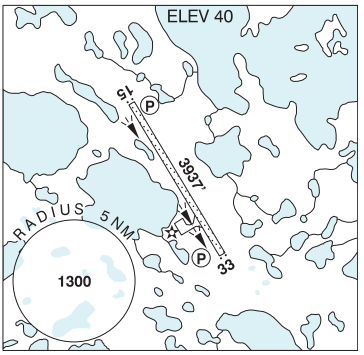
CSU5

REF	N47 56 13 W73 49 02 3NW 16°W UTC-5(4) Elev 1171´ A5002 A5010
OPR	Conseil de Bande de Weymontachie 819-666-2237 ext 1350 or 1550 Reg
PF	Ctc Opr
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
RWY DATA	Rwy 18/36 2500x75 GRVL Rwy 36 up 0.42% first 1558´
RCR	Opr 819-666-2237 Ext 1350 Service sécurité publique 819-666-4000 (day) 819-666-2238 (emerg). Soft spots on rwy & tarmac.
COMM	
ATF	tfc 123.2 5NM 4200 ASL



WHALE COVE NU — CYXN

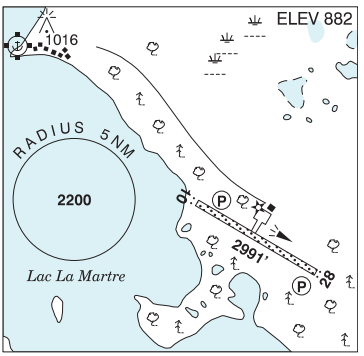
REF	N62 14 24 W92 35 53 4.3N 6°W (2012) UTC-6(5) Elev 40´ A5031 LO5 CAP
OPR	Govt of Nunavut 867-645-8200 Emerg/Incident rpt 867-645-6565 13-22Z‡ Mon-Fri exc hols Cert
PF	A-1 C-2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
CARS	867-896-9973 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS



RWY DATA	Rwy 15(150°T)/33(330°T) 3937x100 GRVL
RWY CERT	Rwy 15/33 AGN IIIA
RCR	Maint contractor 204-590-6436, 431-556-1193 Fax 867-896-9391. A/D maint avbl 14-23Z‡ Mon-Fri exc hols O/T 12 hrs PN. Call-out chg may be levied. PLR/PCN
LIGHTING	15-AS(TE ME) AP, 33-AS(TE ME) AP ARCAL-122.1 type K (see CAUTION)
COMM	
MF	aprt rdo 122.1 ltd hrs O/T tfc 5NM 3100 ASL (CAR 602.98)
APRT RDO	122.1 (V) 1245-2315Z‡ Mon-Fri; 1445-2115Z‡ Sat & Sun, exc federal observed hols, O/T 2 hrs PN, call-out chg.
CAUTION	Extv migratory bird activity May-Oct. Rwy edge lgt installed higher than std (aprx 27 inches high loc 5' outside rwy edge).

WHATÌ NT — CEM3

REF	N63 07 54 W117 14 46 1E 17°E (2020) UTC-7(6) Elev 882´ A5029 LO5 CAP
OPR	Govt of Northwest Territories 867-767-9091 Emerg/Incident rpt 867-445-5518 or 877-989-1400 1955-2055Z‡ Mon, Wed & Fri, O/T 1 hr PN ctc 867-494-2222. Call out chg may be levied. Cert
PF	C-1,2,3,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526



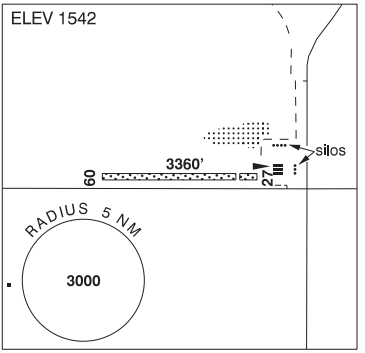
RWY DATA	Rwy 10(100°)/28(280°) 2991x99 GRVL
RWY CERT	Rwy 10/28 AGN II
RCR	Opr Win maint 16-01Z‡ Mon-Fri, O/T 1 hr PN 867-494-2222. Call out chg may be levied. PLR/PCN Rwy compacted snow & grvl mix during winter conds.
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-123.2 type K, key mic 7 times for AS APAPI 10/28 avbl low intensity only.

WHATÌ NT (Cont'd) CEM3

COMM ATF	tfc 123.2 5NM 3900 ASL
CAUTION	Caribou may be on or in vic rwy.

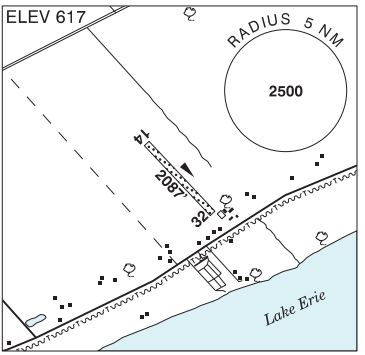
WHEATLAND / SPUD PLAINS MB CRS5

REF	N49 59 26 W100 18 48 1.7SSW 5°E (2021) UTC-6(5) Elev 1542' A5007
OPR	Paul Adriaansen 204-834-3866 Reg PPR
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 09/27 3360x75 GRASS/CONC Thld 27 displ 374' Opr 204-729-7241 No win maint
COMM ATF	tfc 123.2 5NM 4600 ASL
CAUTION	Grain leg 85' AGL E of rwy.



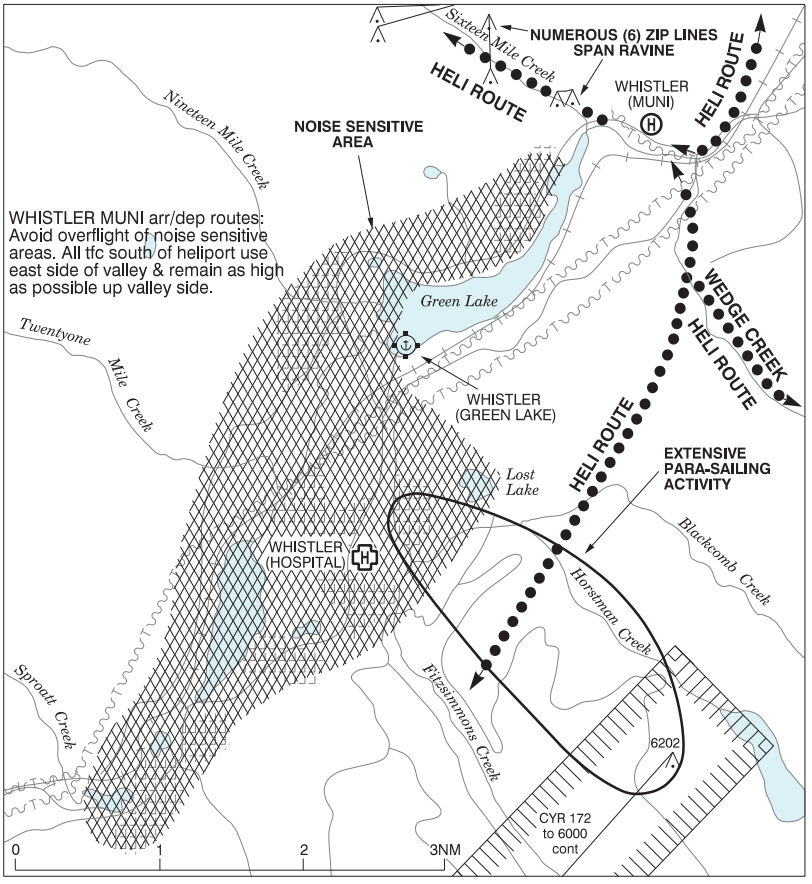
WHEATLEY (ROBINSON MOTORCYCLES) ON CRM5

REF	N42 08 35 W82 21 45 5.4WSW 8°W (2015) UTC-5(4) Elev 617' A5000
OPR	Derek Robinson 519-825-4222 Reg PN
PF	B-1 avbl 12-24Z‡ D-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) or 519-452-4040
RWY DATA RCR	Rwy 14(145°)/32(325°) 2087x70 GRASS Opr No win maint
COMM ATF	tfc 123.2 5NM 3600 ASL
PRO	Right hand circuit Rwy 14 (CAR 602.96)
CAUTION	Trees on apch to Rwy 32. 20' gravel berm 150' on extended centreline Rwy 14. Wind turbines 2NM NNE.

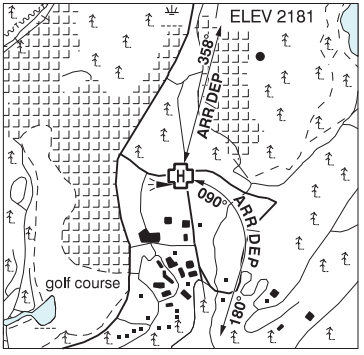


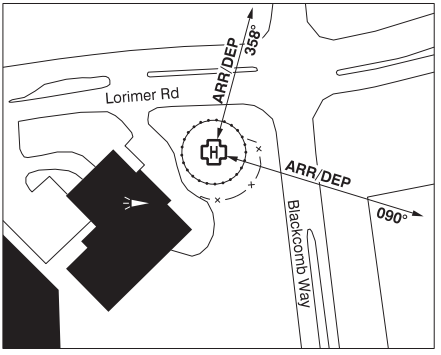
WHETSTONE AB — See DEL BONITA / WHETSTONE

WHISTLER HELI VFR TERMINAL PROCEDURES CHART



WHISTLER (HOSPITAL) BC (Heli) CAW4





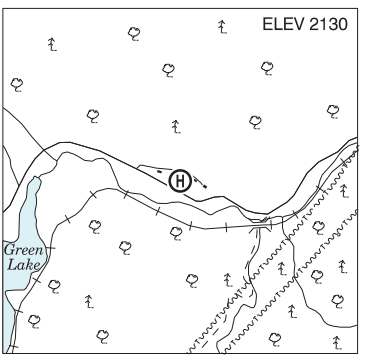
REF	N50 07 13 W122 57 17 17°E (2014) UTC-8(7) Elev 2181´ A5004

WHISTLER (HOSPITAL) BC (Heli) (Cont'd) CAW4

OPR	Vancouver Coastal Health Authority 604-677-3672 Cert PPR
PF	A-1,4 C-2,3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-01Z (DT 13-01Z) (CWAE)
HELI DATA	FATO 86' dia non-supporting TLOF 69' dia CONC elevated Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RY(LO) ARCAL-122.8 type J
COMM	
ATF	tfc 122.7 5NM 5200 ASL
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 358° fr heli, slope 28% (H1), day use only; arr/dep curved 090° thru 180° fr heli, slope 8% (H3), day/night use (CAR 602.96); ctc Opr prior to ldg for vehicle and pedestrian tfc ctl on Lorimer Road and Blackcomb Way. See VTPC for noise abatement routes.
CAUTION	Numerous marked 30´ tfc & street lgts N heli. Steeper than normal apch rqrd. Aerial tramway 6066 to 6202 ASL btwn Whistler Mountain and Blackcomb Peak, within CYR172 (aprx 2.5NM SE A/D).

WHISTLER (MUNICIPAL) BC (Heli) CBE9

REF	N50 10 06 W122 54 17 3.7NNE 17°E (2014) UTC-8(7) Elev 2130' A5004
OPR	Whistler Heliport Society 604-938-1700 Reg Ldg fees
PF	D-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR 15-01Z (DT 13-01Z) 3.1S (CWAE) WxCam
SERVICES	Call out chg may be levied for one or more services. Ctc opr
FUEL	JA 16-01Z‡
S	4
PVT ADV	Blackcomb Helicopters 123.05
HELI DATA	FATO 100' x 100' ASPH TLOF 25' x 25' ASPH Safety Area 103' x 103' Max heli overall length 85'
APRON	Itinerant parking: GRVL with 2 CONC parking pads
RCR	Opr 1600-0130Z‡ Ltd win maint
COMM	
ATF	tfc 122.7 5NM 5200 ASL

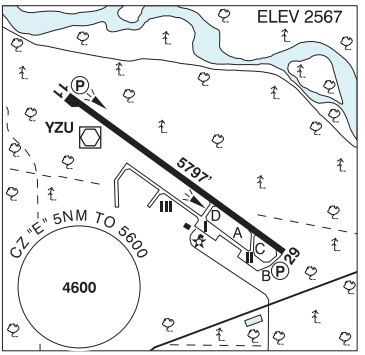


WHISTLER (MUNICIPAL) BC (Heli) (Cont'd) CBE9

PRO	See VTPC for noise abatement routes.
CAUTION	Aerial tramway 6066 to 6206 ASL btwn Whistler Mountain and Blackcomb Peak, within CYR172 (aprx 5 NM S A/D). Multiple zip lines to 3684 ASL spanning Sixteen Mile Creek (aprx 0.7 to 2.1 NM W of heli).

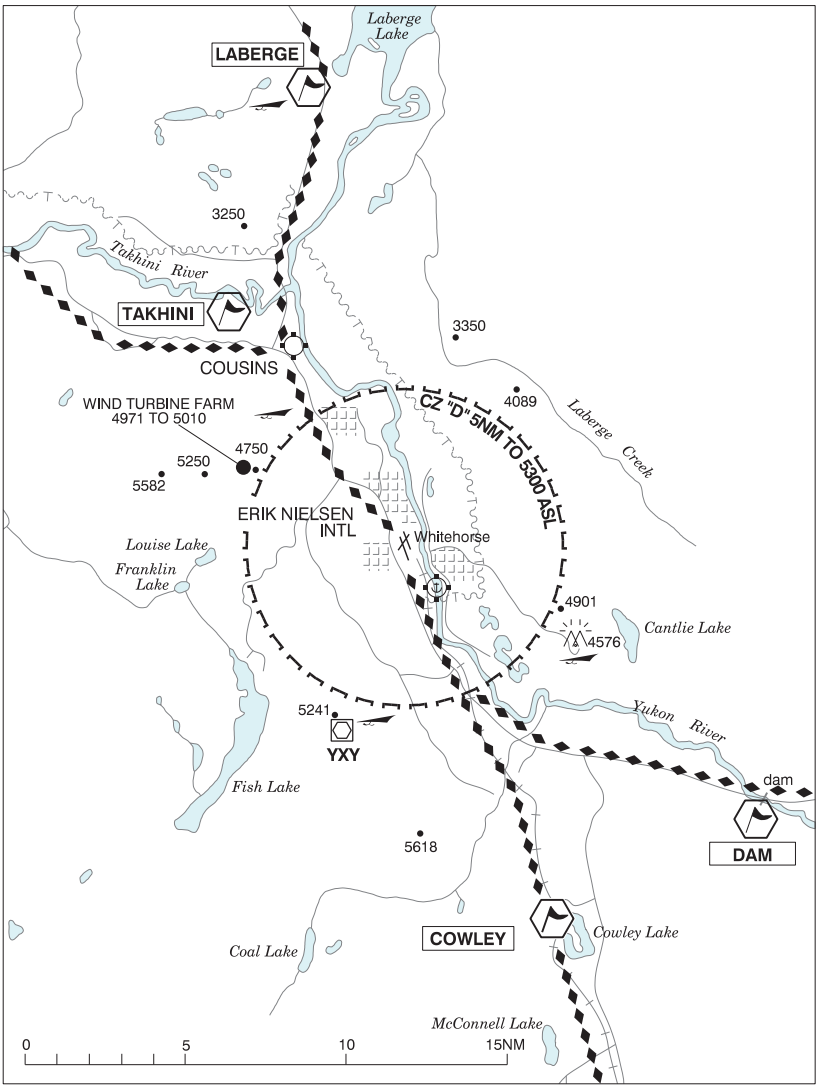
WHITECOURT AB CYZU

REF	N54 08 38 W115 47 12 3.5W 16°E (2013) UTC-7(6) Elev 2567´ A5014 LO1 HI3 CAP
OPR	Woodlands County 780-779-9948 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR 13-05Z‡ (see COMM) O/T LWIS TAF 14-23Z‡; issue times: 1410, 1840Z



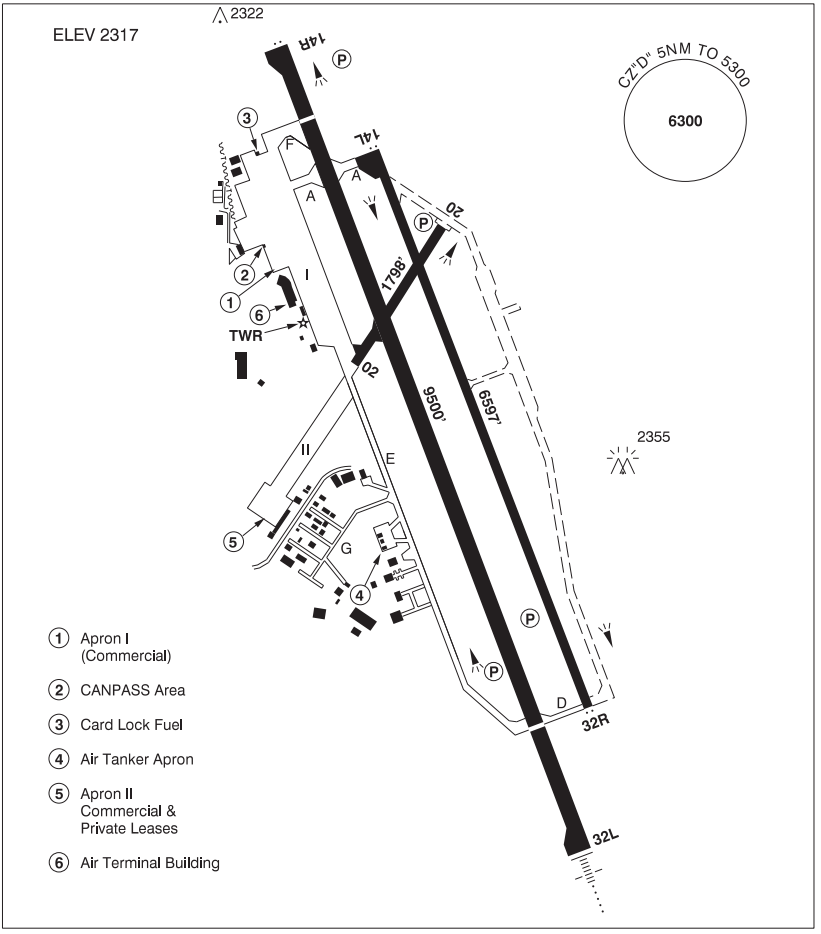
SERVICES	
FUEL	100LL, JA-1 (FSII avbl) 13-01Z‡ Apr 15-Sep 15, O/T call out chgs apply. Sep 16-Apr 14 2 hr PN 780-778-1764 or 780-706-0578.
S	2,4,5,6
RWY DATA	Rwy 11(110°)/29(290°) 5797x100 ASPH Rwy 11 first third up 0.50%
RWY CERT	Rwy 11/29 AGN IIIA
RCR	Opr CRFI Win maint 1400-2230Z‡ exc hols Nov 1-Apr 15, O/T 2 hrs PN 780-706-1393, call out chg apply. PCN
LIGHTING	11-(TE ME) P3, 29-(TE ME) P3 ARCAL-122.3 type K 05-13Z‡
COMM	
RADIO	122.3 PTC avbl (E) 13-05Z‡ (emerg only 780-778-5333)
RCO	Edmonton rdo 123.275 (FISE) 126.7 (bcst)
MF	rdo ltd hrs O/T tfc 122.3 5NM 5600 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.05 135.6 293.7
NAV	
VOR/DME	YZU 112.5 Ch 72 N54 08 44 W115 47 50 (2584´)
PRO	Rgt hand circuits Rwy 29 (CAR 602.96). Avoid flying over built-up areas.
CAUTION	Wildlife possible on or vic rwy. Water bomber ops at or vic A/D Apr-Sep. Extv heli tng at A/D and all quads. Ditch along sides of Rwy 11 aprx 131' fr rwy edge.

WHITEHORSE / ERIK NIELSEN INTL VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
COWLEY	VCCWL	N60° 31' 14" W134° 54' 47"
DAM	VCDMM	N60° 34' 33" W134° 40' 52"
LABERGE	VCLAB	N60° 56' 29" W135° 11' 07"
TAKHINI	VCTAK	N60° 49' 14" W135° 16' 07"

WHITEHORSE / ERIK NIELSEN INTL YT — CYXY



REF	N60 42 34 W135 04 02 Adj SE 19°E (2020) UTC-7 Elev 2317' A5028 A5099 LO5 HI2 CAP OC
OPR	Govt of Yukon 867-667-8440 Cert
PF	A-1,2,3,6 avbl 14-04Z C-2,3,4,5,6
CUST	AOE/50 (225 with staged off loading) 888-226-7277 H24 2 hrs PN
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.

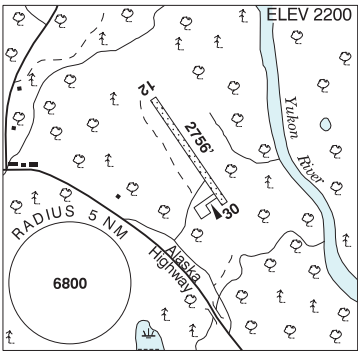
WHITEHORSE / ERIK NIELSEN INTL YT (Cont'd) CYXY

SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA, JA-1 (FSII avbl)
S	1,2,4,5,6
ARFF	DESIGNATED CAT 7
SUP FL	D & A-ice
PVT ADV	Air North Yukon's Airline 123.5 867-668-2228 Ext 748 14-04Z, Aero Logistics Ltd. 867-393-4359, 867-335-5825 (cardlock – VISA, Mastercard)
MIL CON	Air North Yukon's Airline 867-668-2228 Ext 748
RWY DATA	Rwy 14R(140°)/32L(320°) 9500x150 ASPH Thld Rwy 14R displ 843' up 0.43% (last 1400' up 0.79%). Thld Rwy 32L displ 1402'. Rwy 14L(140°)/32R(320°) 6597x100 ASPH Rwy 32R down 0.54%. Rwy 02(015°)/20(195°) 1798x75 ASPH Ltd to 20,000 lbs E of Rwy 14R/32L
RWY CERT	Rwy 14R RVR 1200(1/4sm)/Rwy 32L RVR 1200(1/4sm) AGN IV Rwy 14L/32R AGN IIIB Rwy 02/20 AGN II
TWY CERT	Twy: E, F AGN IIIB Twy G AGN II
TWY	Twy G uncontrolled.
RCR	Opr Rwy 14R/32L 1300-2330Z Apr 15-Oct 1, 1200-0830Z Oct 2-Apr 14; O/T 2 1/2hrs PN for snow removal. Rwy 02/20 & 14L/32R ltd win maint. CRFI, PLR/PCN.
LIGHTING	14R-SF(TE HI) P2, 32L-AN(TE HI) P2 14L-AS(TE ME) P2, 32R-AS(TE ME) P2
COMM	
RCO	123.275 (FISE) 126.7 (bcst) (E) (emerg only 867-393-6758)
ATIS	125.25
GND	121.9 14-04Z
TWR	118.3 236.6 (E) 14-04Z (emerg only 867-667-8426)
MF	rdo 118.3 04-14Z 5NM 5300 ASL (CAR 602.98)
PAL	Edmonton Ctr 132.1 134.15
NAV	
VOR/DME	YXY 116.6 Ch 113 N60 37 08 W135 08 20 (5285´) R-076 is occasionally subject to severe scalloping
DME	IXY 109.5 Ch 32 N60 42 15 W135 03 39 (2322')
ILS	IXY 109.5 (Rwy 32L) RVR
PRO	Rgt hand circuits Rwy 32L & 32R (CAR 602.96). PPR for fixed wing acft tkof and ldg off movement area. Tkof Rwy 20 not auth. Ldg Rwy 02 not auth.
CAUTION	Flying tng NW edge of CZ at Cousins aprt to 3200 ASL. Radiosonde balloon launches fr N60 44 19 W135 05 24 (aprx 1.25NM NW thld Rwy 14R on extended rwy ctr line) 1115-1130Z & 2315-2330Z dly with an ascent rate of 1000 ft/min. Power line parallel to Rwy 14R final apch area, aprx 550´ W of extended rwy centreline. Hang/paragliding activity within 7NM of A/D.

WHITEHORSE FIC – RCO

For a list of Whitehorse RCOs and map, see Planning Section under FISE RCOs.

WHITEHORSE / COUSINS YT — CFP8



REF	N60 48 42 W135 10 56 8NW 22°E (2012) UTC-7 Elev 2200´ A5028 A5099
OPR	Govt of Yukon 867-634-2046 or 867-993-7709 Reg
PF	C-1,2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
SERVICES	Fuel stor by permit only ctc opr
RWY DATA	Rwy 12(121°)/30(301°) 2756x100 GRVL
RCR	Opr No maint
COMM	
ATF	tfc 123.2 5NM 5200 ASL
PRO	Circuit alt 2900 ASL tfc to ctc Whitehorse TWR/RDO 118.3 prior to and on completion of circuit or when departing Cousins area. Rgt hand circuits Rwy 30 (CAR 602.96).
CAUTION	Watch for ruts and soft spots on rwy and apron, tundra tires recommended. Frequent vehicle act on rwy. Verify rwy unobstructed prior to ldg.

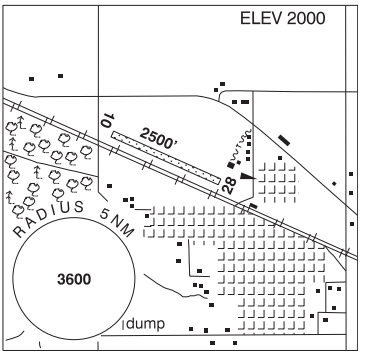
WHITE SADDLE RANCH BC (Heli) — CBD9

REF	N51 44 W124 44 18°E (2014) UTC-8(7) Elev 2925' A5004
OPR	White Saddle Air Svcs 250-476-1182 Reg PPR
PF	A-1 B-2 C-5 D-4
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	PPR for all svcs, tel Opr
FUEL	JA
S	4,5
HELI DATA	100' x 100' GRASS/GRVL
RCR	No win maint
COMM	
ATF	tfc 122.8 5NM 5900 ASL

WHITETAIL VALLEY FARM ON — See BETHANY / WHITETAIL VALLEY FARM

WHITEWOOD SK — CKY2

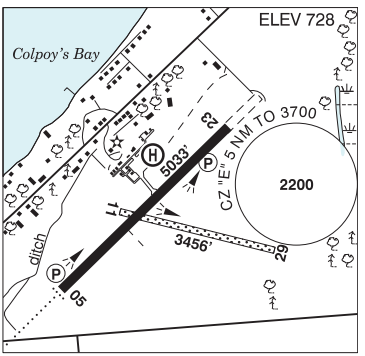
REF	N50 20 W102 16 Adj NW 7°E (2021) UTC-6 Elev 2000´ A5006
OPR	Town 306-735-2210 Fax 306-735-2262 Reg
PF	C-1,2,4,5,6
FLT PLN FIC	 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 10/28 2500x65 GRASS Opr No win maint
COMM ATF	 tfc 123.2 5NM 5000 ASL



WHITTINGTON ON — See LAUREL / WHITTINGTON

WIARTON ON — CYVV

REF	N44 44 39 W81 06 31 1.5E 10°W (2012) UTC-5(4) Elev 728´ A5000 LO4 LO6 HI5 CAP
OPR	Township of Georgian Bluffs 519-534-0140 O/T 519-373-3954 1330-2200Z‡ Cert
PF	A-1,7,8 B-2,6 C-3,4,5
CUST	AOE/15 888-226-7277 2 hrs PN 14-22Z‡ Mon-Fri exc hol, seasonal May1-Oct 31.
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR H24. TAF 12-24Z‡, issue times: 12, 14, 20Z (DT 11, 14, 20Z).



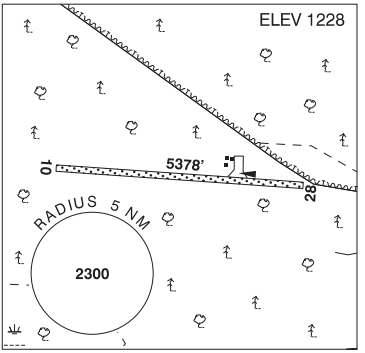
SERVICES	1330-2200Z‡ O/T call out chg 2 hrs PN
FUEL	100LL, JA-1 (FSII avbl), SP (H24 cardlock on apron)
OIL	80, W80, 100, W100, 15W50
S	2,4,5,6
RWY DATA	Rwy 05(054°)/23(234°) 5033x150 ASPH Rwy 11(114°)/29(294°) 3456x100 GRVL
RWY CERT	Rwy 05/23 AGN IIIB Rwy 11/29 AGN II
RCR	Opr RSC 1330-2200Z‡ O/T 2hrs PN. Rwy 11/29 no win maint. PLR
HELI DATA	TLOF 57' dia CONC Max heli overall length 47.7'
LIGHTING	05-AD(TE ME) P2, 23-(TE ME) P2 ARCAL-122.2 type K.
COMM	
RCO	London rdo 123.375 (FISE) 126.7 (bcst)
MF	tfc 122.2 5NM 3700 ASL (CAR 602.98)
PAL	Toronto Ctr 132.575

WIARTON ON (Cont'd) CYVV

NAV VOR/DME	YVV 117.7 Ch 124 N44 44 41 W81 06 18 (748')
CAUTION	Wildlife frequently on rwy. Extv bird act Mar-Nov.

WIEBENVILLE ON CXX2

REF	N52 13 01 W90 27 47 4°W (2017) UTC-6(5) Elev 1228 A5017 LO3 LO4 RCAP
OPR	Wasaya Airways LP 807-928-2244 Reg PPR
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 10(098)/28(278) 5378x70 GRVL Opr Rwy strength and cond subject to seasonal and/or climatic var
COMM ATF	tfc 123.2 5NM 4300 ASL

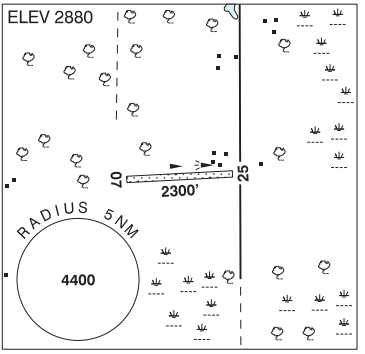


WILDERMAN AB — See BLACKIE / WILDERMAN FARM

WILD ROSE AB — See VULCAN / WILD ROSE

WILDWOOD / LOCHE MIST FARMS AB CJJ3

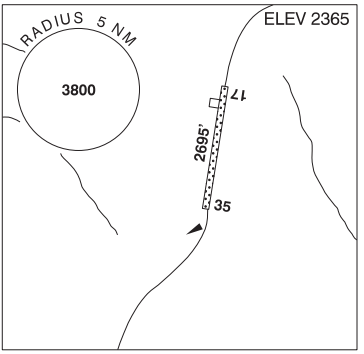
REF	N53 32 47 W115 15 38 3.9SSW 16°E (2011) UTC-7(6) Elev 2880' A5014
OPR	Jens Jorgensen 780-325-2661 or 780-441-5451 Reg
PF	B-1 C-2,5
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES OIL	15W50
RWY DATA RCR	Rwy 07(071°)/25(251°) 2300x60 GRASS Opr Ltd win maint.
LIGHTING	07-(RR) 25-(RR) Lgtd Wl avbl O/R
COMM ATF	tfc 123.2 5NM 5900 ASL
CAUTION	Possible maint eqpt on rwy. Acft entering via twy may not be visible fr other end of rwy. Marked p-line aprx 314' E Thld 25. 10' fence 287' fr Thld 07. Trees 615' fr Thld 07. Parallel fences 120' apart along both sides of rwy. Wildlife in vic of rwy.



WILEY YT

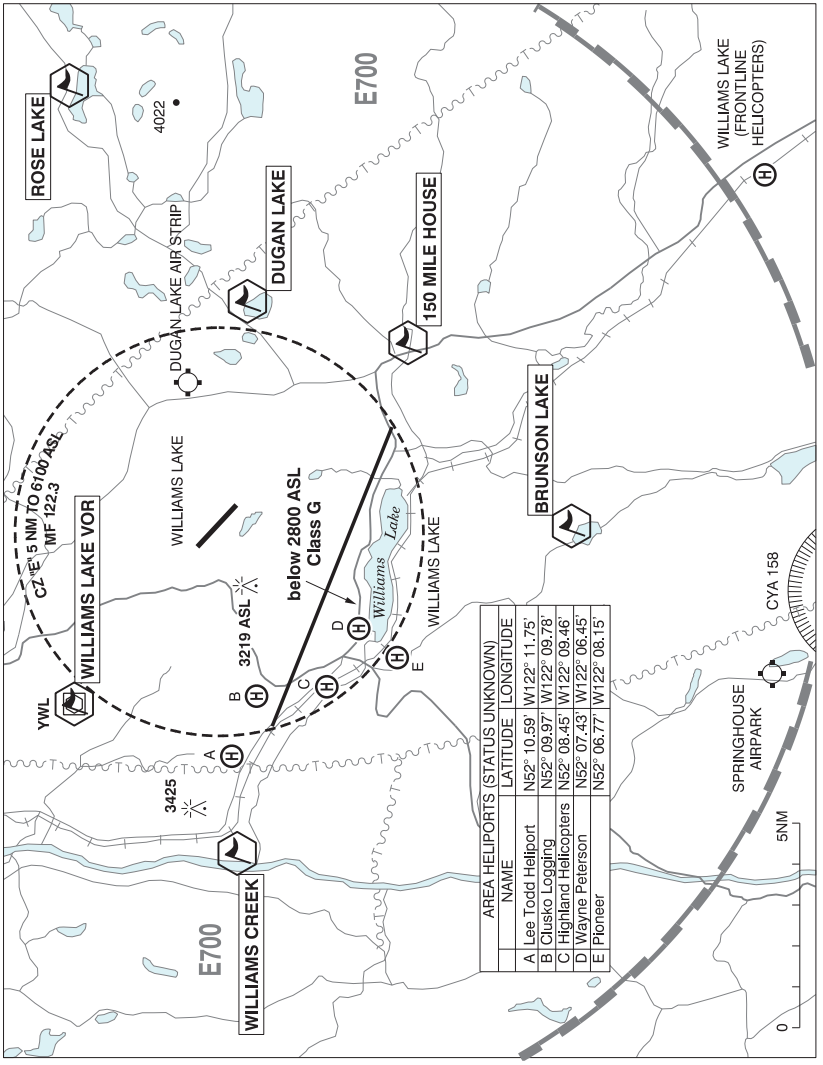
CAJ2

REF	N66 29 32 W136 34 25 12N 22°E (2016) UTC-7 Elev 2365´ A5034
OPR	Govt of Yukon Territory, Haines Junction 867-634-2046 or 867-993-7709 Mon-Fri Reg
PF	D-1,2,3,5
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	Fuel stor by permit only ctc opr
RWY DATA RCR	Rwy 17(167°)/35(347°) 2695x60 GRVL Opr No maint
COMM ATF	tfc 123.2 5NM 5400 ASL
CAUTION	Rwy forms part of Dempster Hwy (Mile 244). Frequent uncontrolled vehicle act on rwy. Tundra tires recommended.



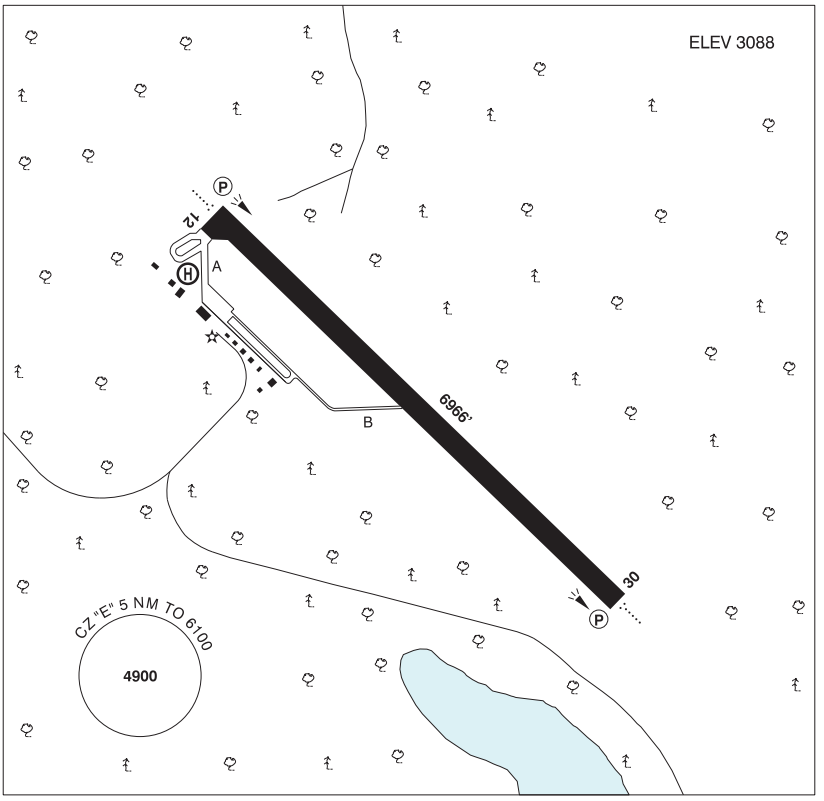
WILKINSON FIELD ON — See HEATHCOTE / WILKINSON FIELD

WILLIAMS LAKE VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
150 MILE HOUSE	VCOFZ	N52° 06' 12" W121° 55' 42"
BRUNSON LAKE	VCBRU	N52° 02' 01" W122° 02' 58"
DUGAN LAKE	VCDGN	N52° 10' 12" W121° 54' 18"
ROSE LAKE	VCROS	N52° 14' 42" W121° 45' 55"
WILLIAMS CREEK	VCWCR	N52° 09' 54" W122° 16' 18"
WILLIAMS LAKE VOR	YWL	N52° 14' 14" W122° 10' 07"

WILLIAMS LAKE BC CYWL



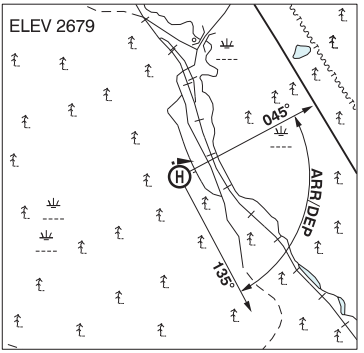
REF	N52 11 00 W122 03 16 4.2NE 17°E (2015) UTC-8(7) Elev 3088´ A5004 A5014 LO2 HI3 CAP
OPR	City 250-989-4713, 250-305-9676 15-01Z‡ Mon-Fri, 17-01Z‡ Sat-Sun exc hols onsite coverage for sked commercial flts only. O/T 2 hr PN, cost recovery. Cert
PF	A-1,6 C-2,3,4,5
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA (FSII avbl), SP (Self-serve Visa & Mastercard payment only)
OIL	All
S	2,4,5,6

WILLIAMS LAKE BC (Cont'd) CYWL

RWY DATA	Rwy 12(116°)/30(296°) 6966x150 ASPH
RWY CERT	Rwy 12/30 AGN IIIB
TWY CERT	Twy A AGN IIIA
	Twy B AGN I
TWY	Twy B rstd to 4500 lbs
RCR	FSS Ltd win maint, ctc opr for hrs of ops. Twy B no win maint. CRFI, PLR/PCN
LIGHTING	12-AO(TE ME) P2, 30-AO(TE ME) P2 O/R FSS. Twy B unlgtd.
COMM	
RADIO	122.3 PTC avbl (V) (emerg only 250-989-4415)
RCO	Pacific rdo 123.275 (FISE) 126.7 (bcst)
MF	rdo 122.3 5NM 6100 ASL excluding the area below 2800 ASL depicted on the Williams Lake VTPC (CAR 602.98)
PAL	Vancouver Ctr 134.0 381.4
NAV	
VOR/DME	YWL 113.6 Ch 83 N52 14 14 W122 10 07 (3686')
PRO	
HELI	Prkg & fuel avbl at helipad NW of apron.
CAUTION	Lgtd twr 3219 ASL (197 AGL) aprx 1.4NM SW A/D.

WILLIAMS LAKE (FRONTLINE HELICOPTERS) BC (Heli) CFH2

REF	N51 57 52 W121 48 45 15.9NW 17°E (2014) UTC-8(7) Elev 2679' A5004 A5014
OPR	Frontline Helicopters 250-296-4408 Reg PPR
PF	B-1 D-2,3,4,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392
SERVICES	
FUEL	JA
OIL	All
S	1,2,3,4,5,6 PN

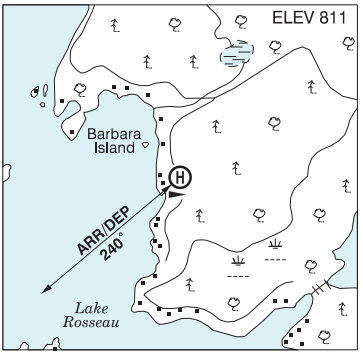


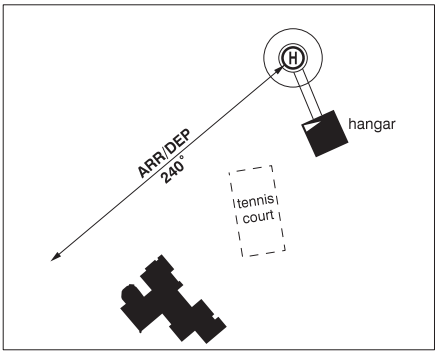
HELI DATA	FATO/TLOF 20' x 20' CONC Safety Area 110' x 120'
RCR	Opr Ltd win maint
COMM	
ATF	tfc 123.2 5NM 5700 ASL
PRO	Arr/dep 045°-135° fr heli NE thru SE, day use only. Avoid overflight built-up area 5NM north.
CAUTION	VFR rte adj E of heli.

WILLIAMS LAKE FSS – RCO

Quesnel 122.2 (RAAS) 14-06Z‡ (N52 58 W122 29)
Prince George 118.3 (RAAS) 05-14Z‡ (N53 52 W122 39)

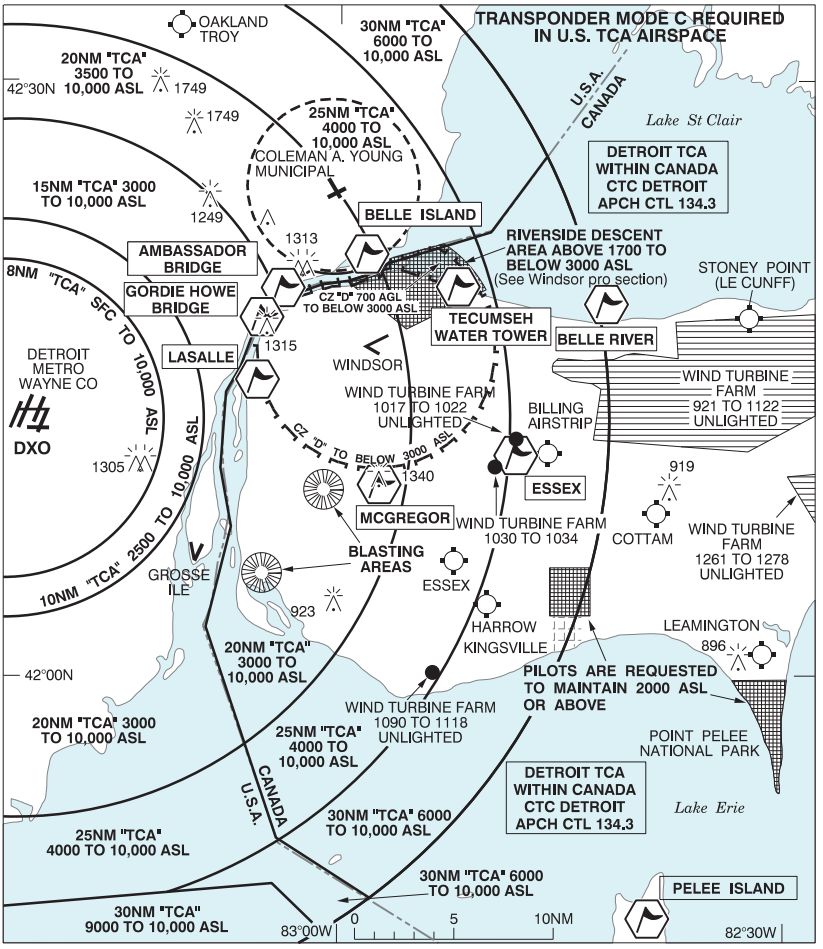
WINDERMERE / ROSTREVOR ON (Heli) CRS6





REF	N45 11 00 W79 34 04 1.3NW 10°W (2022) UTC-5(4) Elev 811' A5000
OPR	2653224 Ontario Inc. 416-464-0050 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 62' dia CONC TLOF 40' dia CONC Safety Area 82' dia Max heli overall length 42'
RCR	Opr
COMM	
ATF	tfc 122.8 5NM 3900 ASL
PRO	Arr/dep 240° fr heli.
CAUTION	A/D status unkn 1.9NM SE.

WINDSOR / DETROIT VFR TERMINAL PROCEDURES CHART



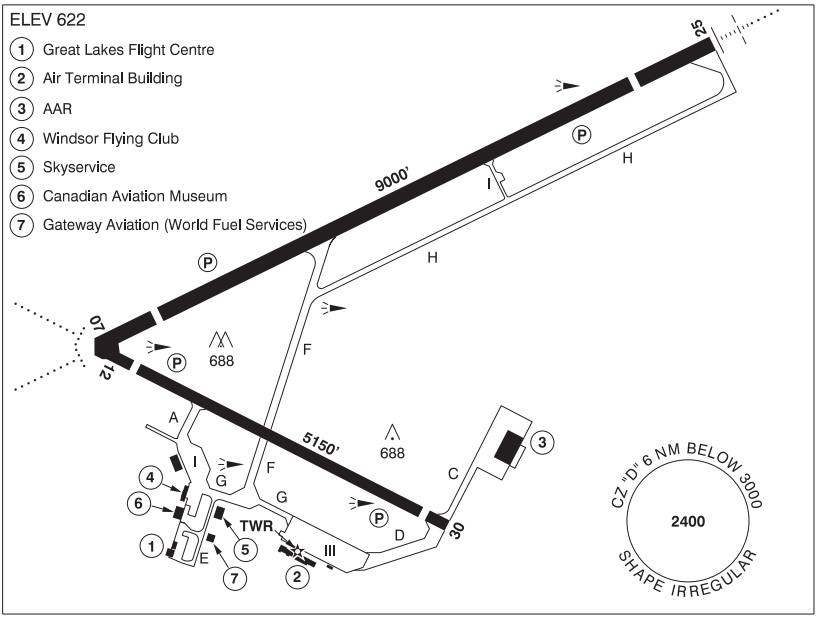
WINDSOR / DETROIT VFR TERMINAL PROCEDURES CHART

NAME	IDENT	LAT/LONG
AMBASSADOR BRIDGE	VCAMB	N42° 18' 43" W083° 04' 26"
BELLE ISLAND	VCBLL	N42° 20' 24" W082° 58' 46"
BELLE RIVER	VCBER	N42° 17' 51" W082° 42' 35"
ESSEX	VCESS	N42° 10' 17" W082° 48' 44"
GORDIE HOWE BRIDGE	VCGHB	N42° 17' 15" W083° 05' 52"
LASALLE	VCLAS	N42° 14' 07" W083° 06' 10"
MCGREGOR	VCMCR	N42° 08' 50" W082° 57' 57"
PELEE ISLAND	VCPLE	N41° 47' 00" W082° 40' 00"
TECUMSEH WATER TOWER	VCTWT	N42° 18' 45" W082° 52' 36"

NOTE: Airspace classification and operational requirements may differ between Canada and USA. Users should consult applicable American charts and publications as required.

Canadian Class "C" rules apply to the portion of the Detroit TCA within Canada. For more information, see PLANNING - CHARACTERISTICS OF AIRSPACE.

WINDSOR ON CYQG



REF	N42 16 34 W82 57 19 Adj SE 7°W (2011) UTC-5(4) Elev 622′ A5000 LO6 HI5 T2 CAP
OPR	Your Quick Gateway (Windsor) Inc. 519-969-2430 10-02Z‡ Cert
PF	A-2,3,6,7,8 C-4,5
CUST	AOE/325 (450 with staged off loading) 888-226-7277 13-05Z‡

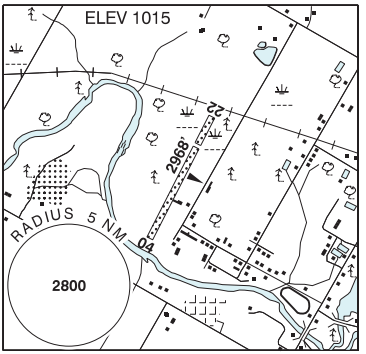
WINDSOR ON (Cont'd) CYQG

FLT PLN	Pilots to open/ close VFR flt plan with London rdo 123.375 or by phone. For altn method to file, close & rcv IFR Flt Pln/clnc see PRO
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	METAR AUTO H24 (See COMM). TAF H24, issue times: 00, 06, 12, 18Z, WxCam.
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 FSII (avbl), HPR
OIL	All
S	1,2,3,4,5,6
ARFF	PARTICIPATING CAT 5 1030-0315Z‡, O/T call out chgs may be levied.
SUP FL	D-ice
JASU	NC-10A/A1/B/C; DC:2000 AMP, 45kW, 28V; AC:90 KVA, 115/200V, 3 phase, 400 Hz.
PVT ADV	Great Lakes Flight Centre 122.95 519-969-7052 and 866-817-5266 Fax 519-969-3205 Air-Way Aviation 129.55 519-972-7244 Fax 519-972-7744 Gateway Aviation (World Aviation Services) 123.5 226-782-3581
MIL CON	Gateway Aviation Windsor 226-782-3581
RWY DATA	Rwy 07(070°)/25(250°) 9000x200 ASPH Thld 07 displ 902´. Thld 25 displ 1143´ Rwy 12(123°)/30(303°) 5150x150 ASPH Thld 12 displ 570´. Thld 30 displ 321´
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IV Rwy 12/30 AGN IIIB
TWY CERT	Twy: E AGN II Twy: I AGN IIIA
TWY	Twy E uncontrolled. Twy I width 50'.
RCR	519-791-1663 10-05Z‡ CRFI Hrs extended as conds or usage warrant. PLR/PCN
LIGHTING	07-AD AS(TE HI) P2, 25-AN(TE HI) P2, 12-AD(TE ME) P2, 30-(TE ME) P2 ARCAL-124.7 type K when TWR clsd
COMM	
RCO	London rdo 123.375 (FISE) 126.7(bcst)
ATIS	134.5 12-03Z‡
GND	121.7 12-03Z‡
TWR	124.7 (E) 12-03Z‡ (emerg only 519-969-3751)
MF	tfc 124.7 03-12Z‡ 6NM shape irregular to below 3000 ASL (CAR 602.98)
ARR/DEP	Detroit 118.95 132.35 134.3 284.0 (E)
VFR ADV	Windsor Area-Detroit Apch Ctl 134.3
AWOS	134.5 03-12Z‡
NAV	
DME	IQG 110.3 Ch 40 N42 16 52 W82 56 49 (633')
ILS	IQG 110.3 (Rwy 25) LOC reliable only within 10° either side of centreline.
PRO	When oprg VFR over Canadian Territory within the Detroit TCA (see VTPC) ctc Detroit apch ctl 134.3. Avoid Riverside descent area unless authorized by ATC. (Acft departing the Windsor area northbound or enroute to Detroit should remain W of Belle Isle or E of the Windsor class E airspace.) IFR tfc inbound Detroit City Airport Rwy 33 descending within the Riverside Descent Area from 3000 ASL. To file, close & rcv IFR Flt Pln/clnc when oprg in the Detroit TCA, ctc London FIC on 123.375 or by phone 1-866-541-4104. Pilots are requested to avoid flight below 2000 ASL when flying over the Jack Miner Bird Sancturary (Kingsville ON, N42 04 00 W82 45 00) & over Point Pelee National Park.
CAUTION	Blasting areas may be active Mon-Fri 13-22Z‡ 1NM radius of N42 09 19 W83 00 21 and N42 05 21 W83 05 06 to 500 AGL. Migratory birds in vic of aprt Mar - May & Oct - Nov.

WINGHAM (INGLIS FIELD) ON

CWH5

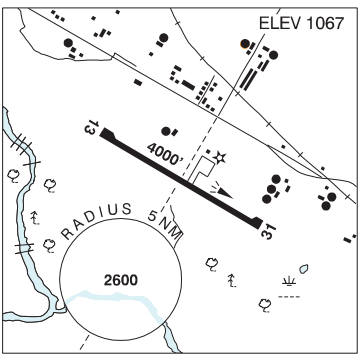
REF	N43 53 47 W81 20 11 1.2NW 9°W (2013) UTC-5(4) Elev 1015´ A5000
OPR	Tom Inglis 519-357-2781 Reg PPR
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 04(036°)/22(216°) 2968x65 GRASS Thld 22 displ 650' spring and fall only.
RCR	Opr No win maint. Rwy soft in spring and fall, particularly at N end.
COMM **ATF**	tfc 123.0 3NM 4000
PRO	Rgt hand circuits Rwy 22 (CAR 602.96)
CAUTION	Rwy elev highest in middle. Far end of rwy not vis when on thld. Two twrs 0.8NM and 1.0NM NE of A/D 1500 ASL. Ocsl wildlife on rwy. Wooded area with 50' trees lining the first 1000' Rwy 22. Maintain 1200 ASL over hwy on 04 apch. Wingham Airfield (CPR7) lctd 2.3NM SE of fld.



WINGHAM / RICHARD W. LeVAN ON

CPR7

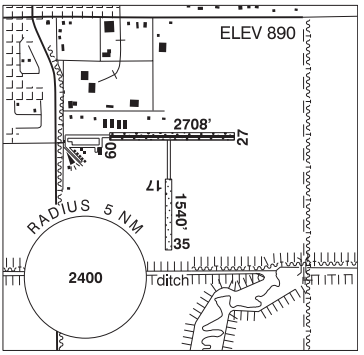
REF	N43 52 03 W81 17 55 1SE 9°W (2013) UTC-5(4) Elev 1067´ A5000 LO6 CAP
OPR	Tyler and Summer Papple 519-318-4224 (text preferred) www.PappleAviation.ca Reg
PF	A-5 B-6 C-1,2,3,4
CUST	AOE/15 888-226-7277 14-22Z‡ Mon-Fri exc hols
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES **FUEL**	100LL, MG-3 A/D not attended. Self-serve, see OPR website.
RWY DATA **RCR**	Rwy 13(130°)/31(310°) 4000x75 ASPH AGN IIIA Opr No win maint
LIGHTING	13-(TE ME), 31-(TE ME) ARCAL-123.0 type K
COMM **ATF**	tfc 123.0 3NM 4000 ASL
PRO	Rgt hand circuits Rwy 13 (CAR 602.96).
CAUTION	2 silos 80 AGL NE thld Rwy 31. Numerous twrs in vic. Wildlife ocsl on rwy. Glider activity in the vicinity of A/D Sat-Sun & hol(s) Apr-Jun & Sep-Nov.



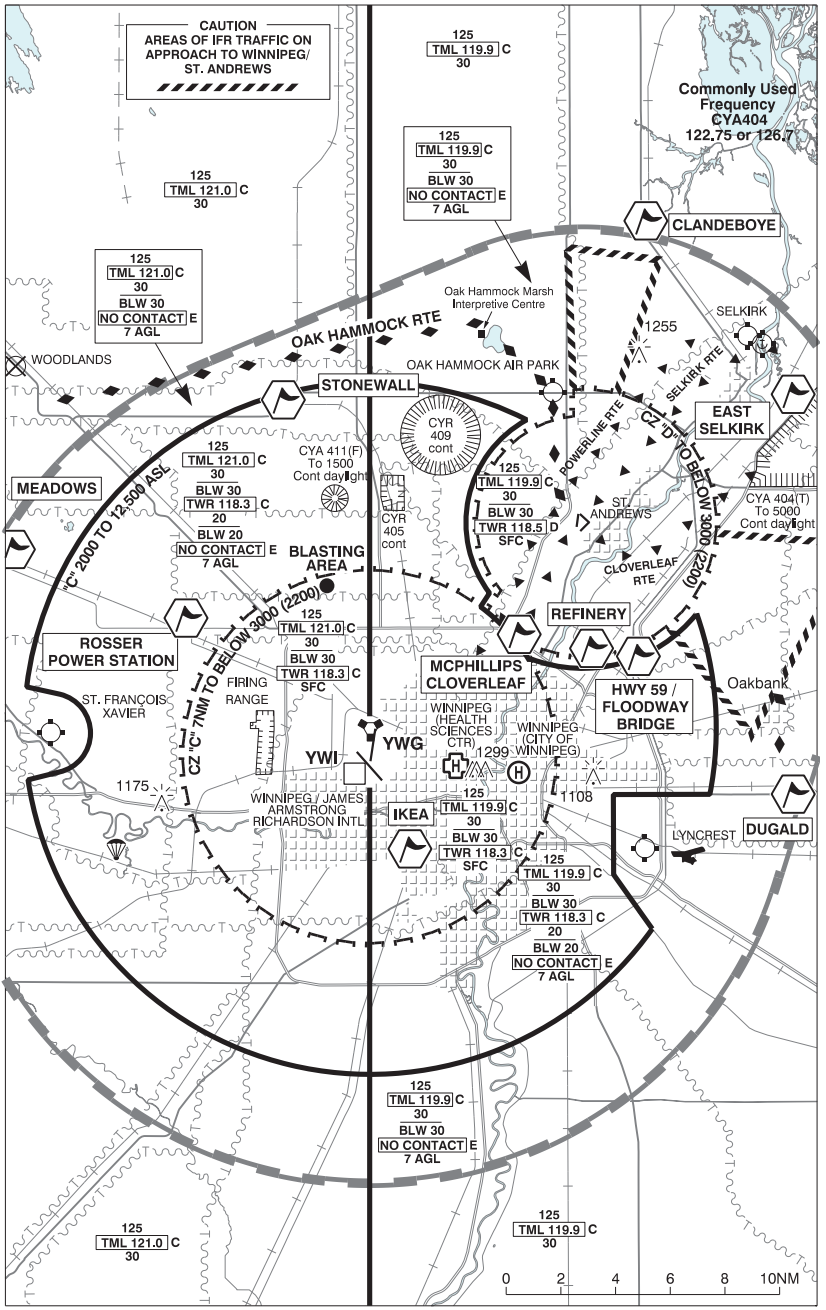
WINKLER MB

CKZ7

REF	N49 10 14 W97 55 12 1SE 4°E (2015) UTC-6(5) Elev 890´ A5007 LO4 RCAP
OPR	City 204-325-9524 Reg
PF	B-1 C-2,3,4,5
CUST	AOE/CAN
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
FUEL	100LL, Jet A-1 204-325-7206
OIL	All
S	2,3,4,5,6 Jace Aviation 204-362-4675
RWY DATA	Rwy 09(086°)/27(266°) 2708x75 GRASS/ASPH, centre 28' ASPH Rwy 17(176°)/35(356°) 1540x75 GRASS
RCR	Opr Ltd win maint
LIGHTING	09-(TE LO), 27-(TE LO) SS-SR only 2700´ lit.
COMM	
ATF	UNICOM ltd hrs O/T tfc 123.0 5NM 3900 ASL
PRO	Rgt hand circuits Rwy 09 (CAR 602.96).



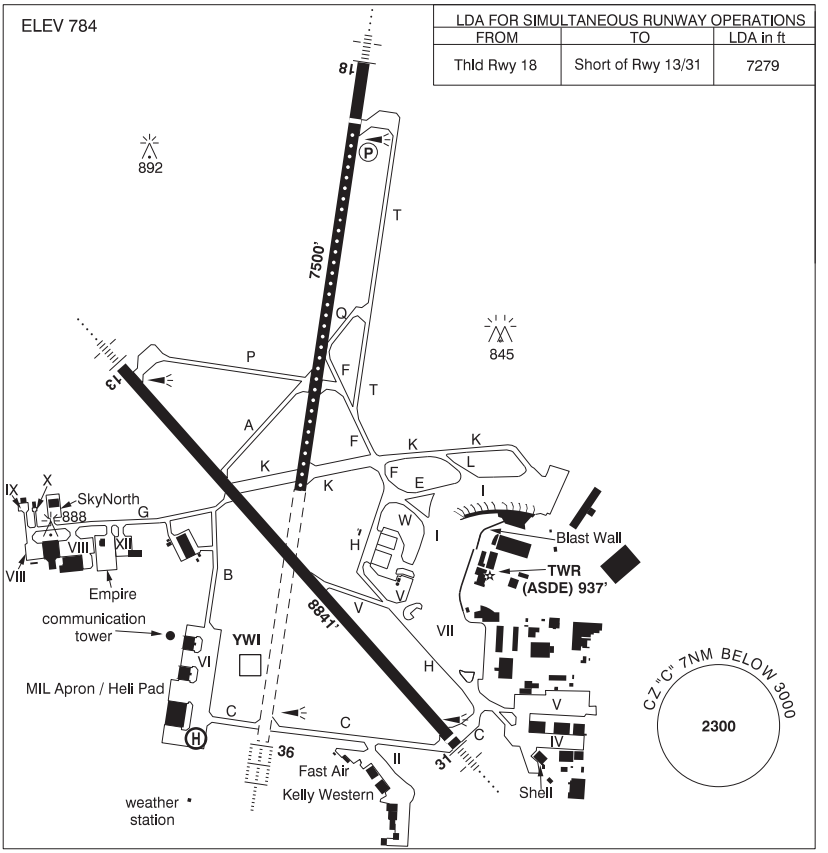
WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL VFR TERMINAL PROCEDURES CHART



WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL VFR TERMINAL PROCEDURES CHART (Cont'd)

NAME	IDENT	LAT/LONG
CLANDEBOYE	VCLND	N50° 14' 30" W096° 58' 30"
DUGALD	VCDGH	N49° 53' 00" W096° 50' 00"
EAST SELKIRK	VCESK	N50° 08' 00" W096° 49' 30"
HWY 59/FLOODWAY BRIDGE	VCHWY	N49° 58' 00" W096° 59' 00"
IKEA	VCKEA	N49° 50' 28" W097° 12' 35"
MCPHILLIPS CLOVERLEAF	VCPER	N49° 59' 00" W097° 06' 00"
MEADOWS	VCMDS	N50° 02' 00" W097° 35' 30"
REFINERY	VCREF	N49° 58' 48" W097° 02' 40"
ROSSER POWER STATION	VCRSR	N49° 59' 30" W097° 25' 30"
STONEWALL	VCSTW	N50° 08' 00" W097° 19' 30"

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB CYWG



REF	N49 54 36 W97 14 24 Adj W 3°E (2014) UTC-6(5) Elev 784´ VTA A5007 LO4 HI4 T1 CAP OC
OPR	Winnipeg Airports Authority 204-987-9798, DND Ops 877-283-6827 H24 Cert Ldg fees
PF	A-1,2,3,6,7,8 B-4 C-5 Mil on Base Transport avbl 1330-2130Z ‡ Mon-Fri, 6 days advance notice required.
CUST	AOE 888-226-7277
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z. Met brief for mil only. JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM)
DUAT	Fast Air; Kelly Western; Shell Aviation Winnipeg

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd) CYWG

SERVICES	
FUEL	100LL, F-34, JA-1 FSII (avbl), HPR
OIL	All (Mil 123, 128, 133, 148, 156)
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 7 (CAT 8 avbl with prior arrangement, ctc WAA 204-987-9798) Discrete emerg freq 122.675
SUP FL	LHOX, D & A-ice H24 Oct 1-May 31, O/R 2 hr PN Jun 1-Aug 31, O/R Sep 1-30. Mil LOX, Nitrogen avbl PN via NOVA msg only.
JASU	CE12, 13, 14, 16, CA2, CEA1
MIL ADV	All tran acft require PPR thru 17 Wg Ops CSN 319-257-2700 204-833-2700 Toll Free 877-283-6827. PPR valid for ± 1 hr ETA. Tran svcg avbl 14-02Z‡ Mon-Fri, wknds & hols 14-21Z‡. 24 hr PN wkds, 48 hr PN for wknds or hol. Non-compliance could result in delays for Mil svcg & prkg or svcg being referred to civ contractor. Mil acft emerg hg space only. 17 Wg ops will arrange D & A-ice with CDF contractor when req by aircrew. All applicable costs will be the responsibility of the aircrew home unit. Mil svcg rstd to park, start & refuelling with Aircrew Supervision exc for CC130 acft. No tow bar for CP140, CT155 & CT156 acft. Ctc Wg Ops (131.4 or 308.8) 20 min prior to ETA & before entering or exiting Mil ramp.
PVT ADV	Fast Air 123.0 204-831-7714; Kelly Western 122.85 204-948-9500; Shell Aviation Winnipeg 123.35 204-956-6172
MIL CON	Exchange Petroleum (Shell) 204-956-6172
RWY DATA	Rwy 18(185°)/36(005°) 7500x200 ASPH Thld 18 displ 957' Rwy 13(135°)/31(315°) 8841x200 ASPH Thld 31 displ 140' RESA: 13 738'; 31 492'
RWY CERT	Rwy 18 RVR 1200(1/4sm)/Rwy 36 RVR 600 AGN VI Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN VI
TWY CERT	Twy A AGN IV Twy: B, G AGN V
TWY	Twy A: not avbl to acft 160,000 lbs or heavier, exc B757 & B767. Twy E, W: simultaneous use by acft with wingspan 171' or greater not auth. Twy G: Uncontrolled. Discretionary oversteer rqrd for acft with wingspan 171' to less than 214'.
APRON	Apron I: Ctc aprt for stand assignment. Acft shall be pushed back straight fr all bridge locations on Apron I unless otherwise auth. Acft taxiing or being towed to or fr Apron I ctc gnd ctl prior to manoeuvring. Apron II: not avbl to acft with wingspan 118' or greater. Apron IV: not avbl to acft with wingspan 171' or greater. Apron V: Ctc aprt for stand assignment. Ctc gnd ctl prior to taxi or tow. Not avbl to acft with wingspan 171' or greater. Apron VII: Ctc aprt for stand assignment. Ctc gnd ctl prior to taxi or tow. Apron VIII: acft with wingspan 171' to less than 214' discretionary oversteer rqrd. Apron Empire, SkyNorth: Pvt
RCR	Opr CRFI, PLR/PCN
LIGHTING	13-AN(TE HI), 31-AN(TE HI), 18-AN(TE HI CL) P2, 36-AL(TE HI TDZL)
COMM	
RCO	Edmonton rdo 123.25 (FISE) 126.7 (bcst)
ATIS	120.2
CLNC DEL	121.3 all dep acft to ctc clnc del
GND	121.9
TWR	118.3 125.4 (V) (emerg only 204-983-6705)
ARR	119.5
DEP	121.0 (West) 119.9 (East)
VFR ADV	121.0 (West) 119.9 (East)
MIL	Base Ops 131.4 308.8

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd) CYWG

NAV

VORTAC YWG 115.5 Ch 102 N49 55 40 W97 14 21 (820')

DME YWI 116.7 Ch 114 N49 53 54 W97 14 35 (801')

ILS INP 109.5 (Rwy 13) RVR LOC reliable only within 10° either side of centreline;
IWG 109.9 (Rwy 36) RVR LOC reliable only within 10° either side of centreline;
IHV 110.3 (Rwy 31) RVR LOC reliable only within 10° either side of centreline

PRO

AIRPORT: Rgt hand circuits Rwy 13 & 18 (CAR 602.96). Circuit hgt all rwys 2000 ASL.

Arrival Requirements

1. On apch, cross the FAF at 170 kt or less.
2. On visual apch, intercept final at or outside the final apch FAF for landing rwy unless otherwise authorized by ATC.

Note: Refer to NOISE ABATEMENT PROCEDURES for additional requirements.

Training Flight / Photo Block Requirements

PPR for all block air work, photo flight or training flight operating in Winnipeg TCA. Ctc Winnipeg ACC 204-984-5979 Fax 204-983-2823.

Note: Refer to NOISE ABATEMENT PROCEDURES for additional requirements.

ATS VFR REQUIREMENTS:

1. **Mode C Transponder Mandatory** - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. Acft departing CYAV may ctc CYAV Tower to obtain a discrete transponder code. Set transponder to discrete code prior to ctc ATC.
2. **VFR Circuits:** PPR, Ctc Winnipeg ACC 204-984-5979

DE-ICING OPERATIONS

De-icing bays 1, 3, 4, 6 not avbl to acft with wingspan 118' or greater.
De-icing bay 2 avbl to acft with wingspan 214' or greater with discretionary oversteer at entrance.
De-icing bay 5 not avbl to acft with wingspan 214' or greater.
See CAP Central De-icing Facility chart.
For more information, ctc Icehouse 204-987-9436.

1. Prior to push back, notify PAD CONTROL (122.925) and WINNIPEG GND when de-icing is required.
2. Hold short of Central De-icing Facility (CDF) and ctc PAD CONTROL on 122.925.
   Note: In the event that the "Hold" light and/or inset lgt can not be utilized, the CDF will deploy a "Follow Me" vehicle.
3. All deicing operations are performed with acft engines running, unless otherwise advised by PAD CONTROL.
   CAUTION: all oprg engines must be maintained at gnd idle thrust settings. De-icing operation limited to maximum wind gusts of 40kts.

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd) CYWG

PRO (Cont'd)	4. Once de-icing is complete, acft will be instructed to ctc WINNIPEG GND for taxi clnc. **DO NOT ENTER TWY H WITHOUT ATC CLEARANCE. MINIMUM BREAKAWAY THRUST MUST BE USED.**
NOISE	Maint engine run-ups & lcl flt tng PPR, ctc 204-987-9798 - one call. Noise oprg restrictions & noise abatement procedures in effect, see current CAP.
HELI	Use extreme caution at apron II due to lgt acft & 10' high security fence S of apron. Air taxi along aprons IV & V proh. Caution: 7' high security fence 50' S of Mil ramp 6.
MIL	IFR or VFR tran mil jet acft will conduct a straight-in apch commencing at or outside the final apch fix for the rwy in use, overhead breaks not auth. All VFR Flt Plns within Winnipeg TCA shall include an alt. MIL De-icing All Mil aircrew to arrange de-icing through Wg Ops Ctr.
CAUTION	Radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1715Z-1730Z fr U of M (N49 48 09 W97 08 34, 7.5NM SE aprt, aprx 1.2NM SW fr extended rwy centreline 13/31). Ocsl para jumps by 435 Sqn 15-21Z‡ Mon-Fri. Max alt 3000 ASL. Drop zone 1.5NM radius N49 52 42 W97 29 48 (10NM WSW A/D) at Beaudry Provincial Park. Hi ints lgt oprg dusk-09Z‡ from hotel roof at N49 49 19 W97 09 10 (aprx 5.3NM SE thld Rwy 31). Beams projecting upward. Hi ints lgt may create tempo effects to vision.

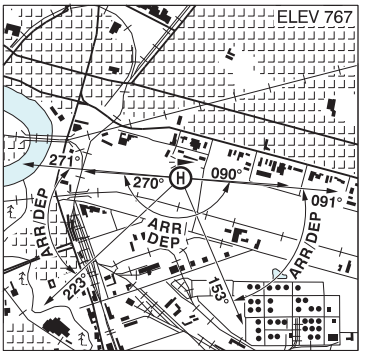
WINNIPEG CENTRE (204-983-8338) CZWG

118.0 **118.0** (FL280 & below) 119.5 **119.5** (FL230 & below) **119.7** (FL290 to FL350) 119.9 **119.9** (FL230 & below) **120.5** (FL360 & above) 121.0 **121.0** (FL230 & below) 134.4 **134.4** (FL280 & below) 349.6 **349.6** (FL280 & below)
Big Trout Lake 135.15 **135.15** (FL280 & below)
Brandon 132.25 **132.25** (FL280 & below)
Broadview **132.9** (FL290 to FL360)
Churchill 134.6 **134.6** (FL280 & below)
Dryden 132.2 **132.2** (FL280 & below)
Gillam 134.650 **134.650** (FL280 & below)
Horn **133.7** (FL290 to FL360)
Island Lake 132.825 **132.825** (FL280 & below)
Kenora **124.0** (FL360 & above) **225.2** (FL360 & above)
La Ronge 126.4 **126.4** (FL280 & below)
Lloydminster 132.375 **132.375** (FL280 & below)
Lynn Lake 135.05 **135.05** (FL280 & below)
Marathon 134.075 **134.075** (FL280 & below)
Norway House 135.1 **135.1** (FL280 & below)
Ogoki Post 135.475 **135.475** (FL280 & below)
Peawanuck 133.95 **133.95** (FL280 & below)
Prince Albert 133.9 **133.9** (FL280 & below)
Red Lake **134.175** (FL290 to FL360) 135.325 **135.325** (FL280 & below)
Regina 120.1 **120.1** (FL280 & below) 123.8 **123.8** (FL280 & below) **124.3** (FL290 & above)
Saskatoon **133.1** (FL290 to FL360) **135.775** (FL370 & above) 134.325 **134.325** (FL280 & below)
Stony Rapids 124.475 **124.475** (FL280 & below)
Swift Current 132.8 **132.8** (FL280 & below) **134.975** (FL290 to FL360)
The Pas 135.625 **135.625** (FL280 & below)
Thompson 133.15 **133.15** (FL280 & below)
Thunder Bay 132.125 **132.125** (FL280 & below) **133.25** (FL370 & above)
135.225 (FL290 to FL360) **297.6** (FL370 & above)
Yorkton 132.525 **132.525** (FL280 & below)

WINNIPEG FIC – RCO

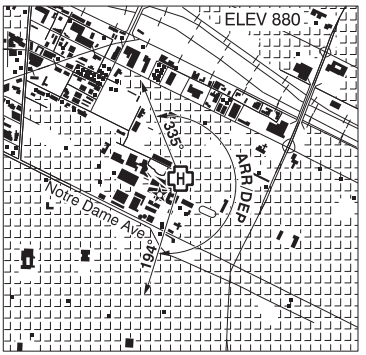
For a list of Winnipeg RCOs and map, see Planning Section under FISE RCOs.

WINNIPEG (CITY OF WINNIPEG) MB (Heli) CWG2



REF	N49 54 01 W97 05 44 4ºE UTC-6(5) Elev 767' VTA A5007
OPR	City of Winnipeg 204-986-4869 204-470-7800 Cert PPR
PF	B-1 C-2,3 D-4,5,6
FLT PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA	FATO 66' dia CONC Safety Area 87' dia Parking Pad 1 & 2: 52' dia CONC/GRASS
COMM **TWR**	Winnipeg 118.3
PRO	Arr/dep 090°-270° fr heli, slope 8% (H3), day use only. NVG rqrd for night use, arr/dep 091°-153° and 223°-271° fr heli, slope 8% (H3), night use only. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.
CAUTION	Extv insect ctl heli ops Apr-Oct. MEDEVAC heli ops year round.

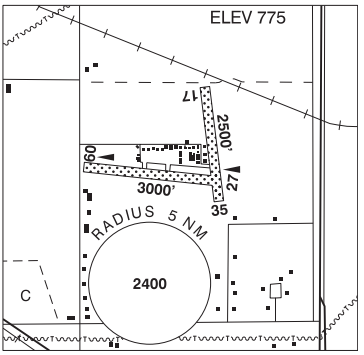
WINNIPEG (HEALTH SCIENCES CENTRE) MB (Heli) CWH7



REF	N49 54 15 W97 09 23 Adj WNW 3°E (2016) UTC-6(5) Elev 880' VTA A5007
OPR	Winnipeg Regional Health Authority 204-787-2735 Cert NVG Compliant PPR
PF	A-1,2,3,4 C-5,6,7,8
FL PLN **FIC**	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
HELI DATA **RCR**	FATO 86' dia non-supporting TLOF 57' x 57' CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4' Opr 204-787-1244
LIGHTING	RY (LO) green
COMM **TWR**	Winnipeg 118.3
PRO	Arr/dep 335° to 194° fr heli (H1), day/night use.
CAUTION	Elevator vestibule W of pad

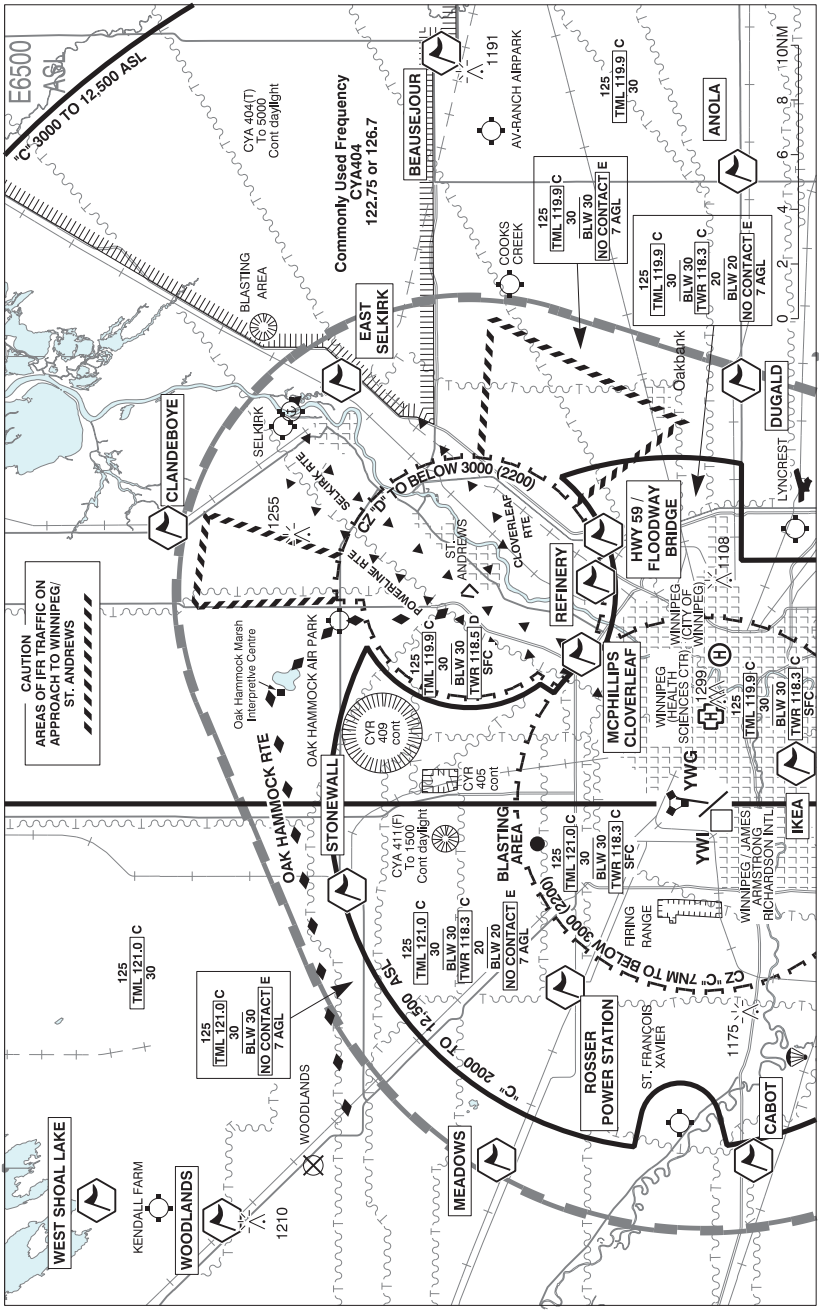
WINNIPEG / LYNCREST MB CJL5

REF	N49 51 09 W96 58 25 2.8E 3°E (2015) UTC-6(5) Elev 775´ VTA A5007
OPR	Springfield Flying Club 204-222-0079 Reg
PF	B-1 C-2,3,4,5,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.



SERVICES	
FUEL	100LL
RWY DATA	Rwy 09(093°)/27(273°) 3000x120 GRASS Rwy 17(170°)/35(350°) 2500x200 GRASS
RCR	Ctc opr Ltd win maint. Win rwy width 90´ marked with cones.
COMM	
ATF	tfc 123.2 3NM to below 3000 ASL excluding airspace within Winnipeg TCA
PRO	Circuit hgt 1300 ASL. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.
NOISE	Noise abatement pro: avoid flying over houses. Dep path Rwy 17 if cond permit.
CAUTION	Apch path Rwy 17 over railway tracks. Apch path Rwy 09 over road. P-lines all quad, see VTA. Ultra-light activity in the circuit. Migratory bird activity in vic of A/D. Avoid flying over water retention ponds E of aprt dep Rwy 09, ldg Rwy 27 if cond permit.

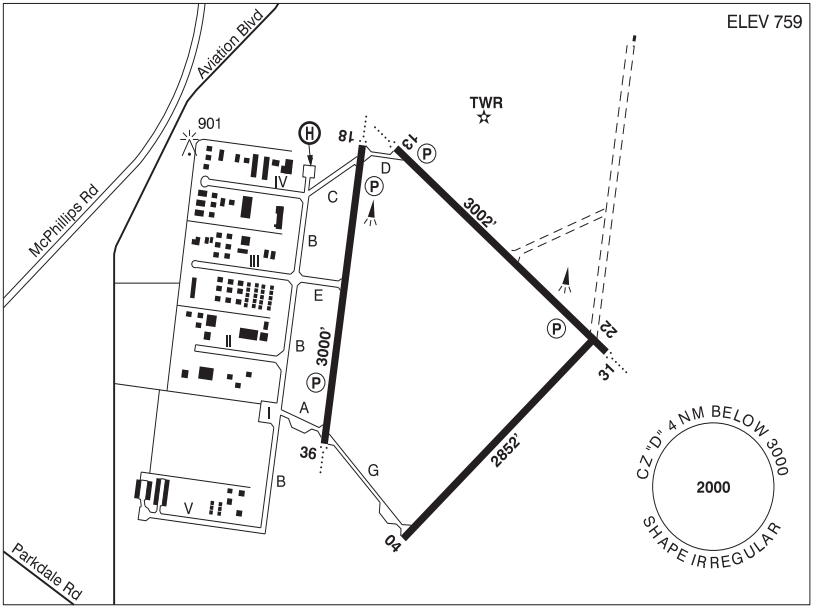
WINNIPEG / ST. ANDREWS VFR TERMINAL PROCEDURE CHART



WINNIPEG / ST. ANDREWS VFR TERMINAL PROCEDURE CHART (Cont'd)

NAME	IDENT	LAT/LONG
ANOLA	VCANO	N49° 53' 00" W096° 38' 00"
BEAUSEJOUR	VCBSJ	N50° 04' 00" W096° 31' 00"
CABOT	VCABT	N49° 52' 30" W097° 35' 30"
CLANDEBOYE	VCLND	N50° 14' 30" W096° 58' 30"
DUGALD	VCDGH	N49° 53' 00" W096° 50' 00"
EAST SELKIRK	VCESK	N50° 08' 00" W096° 49' 30"
HWY 59/FLOODWAY BRIDGE	VCHWY	N49° 58' 00" W096° 59' 00"
IKEA	VCKEA	N49° 50' 28" W097° 12' 35"
MCPHILLIPS CLOVERLEAF	VCPER	N49° 59' 00" W097° 06' 00"
MEADOWS	VCMDS	N50° 02' 00" W097° 35' 30"
REFINERY	VCREF	N49° 58' 48" W097° 02' 40"
ROSSER POWER STATION	VCRSR	N49° 59' 30" W097° 25' 30"
STONEWALL	VCSTW	N50° 08' 00" W097° 19' 30"
WEST SHOAL LAKE	VCWSL	N50° 17' 00" W097° 38' 00"
WOODLANDS	VCWDD	N50° 12' 30" W097° 39' 00"

WINNIPEG / ST. ANDREWS MB — CYAV



REF	N50 03 23 W97 01 57 10NNE 4°E UTC-6(5) Elev 759' VTA A5007 LO4 T1 CAP

WINNIPEG / ST. ANDREWS MB (Cont'd) CYAV

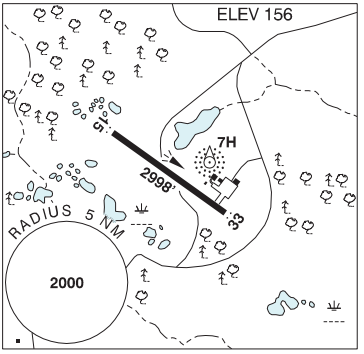
OPR	St. Andrews Aprt Inc 204-336-3250 1300-2130Z‡ Nov-Mar exc hols, 1300-2130Z‡ Mon-Fri Apr-Oct exc hols Cert
PF	B-1,2,5 D-3,4,6
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
WX	LWIS H24 LAWO 13-04Z‡
SERVICES	
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Winnipeg Aviation 204-338-7923 13-01Z Mon-Thu, 13-22Z Fri-Sat, 16-22Z Sun, Apr-Oct exc hols; 14-24Z Mon-Thu, 14-23Z Fri-Sat, 17-23Z Sun, Nov-Mar exc hols; O/T call out chg will apply. Harv's Air Service 204-339-6186 14-01Z‡ Mon-Sat, 17-01Z‡ Sun. Fly 4 Fun 204-997-9435. Credit cards accepted.
RWY DATA	Rwy 13(129°)/31(309°) 3002x75 ASPH Rwy 18(184°)/36(004°) 3000x75 ASPH Rwy 04(041°)/22(221°) 2852x75 ASPH
RWY CERT	Rwy 13/31 AGN II Rwy 18/36 AGN II Rwy 04/22 AGN II
TWY CERT	Twy: A, C, D, E, G AGN I Twy B: AGN II S of Apn I & AGN I fr Apn IV to Apn I
RCR	Opr 1300-2130Z‡ Nov-Mar exc hols, 1300-2130Z‡ Mon-Fri Apr-Oct exc hols O/T call out chg. PLR/PCN
HELI DATA	FATO 82' dia ASPH TLOF 82' x 82' ASPH Safety Area 109' dia Max heli overall length 54.7'
LIGHTING	04-(TE ME), 22-(TE ME), 13-AO(TE ME) P2, 31-AO(TE ME) P2, 18-AO(TE ME) P2, 36-AO(TE ME) P2 ARCAL-118.5 type K Opr when TWR clsd. RY(ME) RF(FL) Helipad lgts not avbl on ARCAL.
COMM	
ATIS	125.8 13-04Z‡
GND	121.8 13-04Z‡
TWR	118.5 (V) 13-04Z‡ (emerg only 204-983-0660)
ATF	tfc 118.5 04-13Z‡ 4NM below 3000 ASL
ARR	119.9
DEP	119.9
VFR ADV	119.9

WINNIPEG / ST. ANDREWS MB (Cont'd) CYAV

PRO	**AIRPORT:** Rgt hand circuits Rwy 04, 13, 18 (CAR 602.96). Circuit hgt 1600 ASL. Special VFR not avbl when TWR clsd. **ATS REQUIREMENTS (All Acft):** PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA, ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823. When TWR clsd, clnc may be obtained from Winnipeg Tml at 204-983-4121. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. Acft departing CYAV may ctc CYAV Tower to obtain a discrete transponder code. Set transponder to discrete code prior to ctc ATC. **AIRSPACE**: Refer to Winnipeg / St. Andrews VTPC for VFR arr/dep rtes & VFR corridor info to Winnipeg/James Armstrong Richardson Intl. Refer to VTA A1902 for greater chart detail. Transponder preferred but not required for flt within St. Andrews ctl zone. **PREFERENTIAL RUNWAYS:** ATC will designate rwys to align IFR arr and dep paths with those in use at Winnipeg/James Armstrong Richardson Intl (CYWG) based on the following conds: - Physical cond of sfc - Effective crosswind component not to exceed 15 kt - Effective tailwind component not to exceed 5 kt - Other safety considerations declared by the Captain of the acft. Use of other-than-designated rwys should only be requested to meet operational necessity. PPR for balloon flt in Winnipeg / St. Andrews CZ. Balloon flt remain min 4NM fr any rwy. Ctc opr for details.
HELI	Concurrent with safety & twr instructions helicopters are to hover taxi via rwys/twys to other posns on airport at slow speeds. Arr/dep 004° to 024° & 162° to 184° fr heli, slope 8% (H3), day/night use.
CAUTION	Extv bird & wildlife activity in vic of rwys.

WINTERLAND NL CCC2

REF	N47 08 13 W55 19 45 2.5SW 19°W (2013) UTC-31/2 (21/2) Elev 156´ A5012 LO8 CAP
OPR	Govt of Newfoundland & Labrador 709-891-1050 or 709-256-1048 Reg
PF	D-1,2,3,4,5,6
CUST	AOE/15 888-226-7277 1215-2030Z‡ Apr 1-Sep 30; 1215-2030Z‡ Oct 1- Mar 31 Mon-Fri, exc hols
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
WX	WxCam



RWY DATA	Rwy 15(147°)/33(327°) 2998x75 ASPH
RCR	Dept of Highways 709-891-1050 Ltd win maint PN
LIGHTING	15-AS(TE ME), 33-AS(TE ME) ARCAL-122.8 type J
COMM	
ATF	tfc 123.2 5NM 3100 ASL

WINTERLAND NL (Cont'd) CCC2

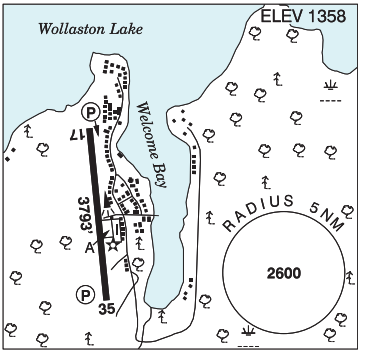
NAV	
NDB	MARYSTOWN 7H 234 (L) N47 08 14 W55 19 30 Pvt Unmonitored

WINTERS AIRE PARK AB — See INDUS / WINTERS AIRE PARK

WIZARD LAKE AB — See CALMAR / WIZARD LAKE

WOLLASTON LAKE SK CZWL

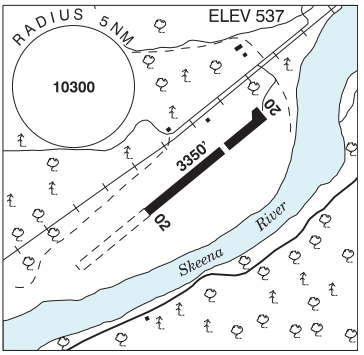
REF	N58 06 25 W103 10 21 8°E (2013) UTC-6 Elev 1358´ A5024 LO1 CAP
OPR	Ministry of Highways 306-953-3263/3269 1930-2100Z Mon, Wed, Thu, Fri; 2315-0045Z Tue; 1800-1915Z Sun, O/T 2 hr PN Cert
PF	C-1,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	AUTO H24 (see COMM) Webcam
RWY DATA	Rwy 17(166°)/35(346°) 3793x75 paved - TBS Rwy 17 up 0.94%
RWY CERT	Rwy 17/35 AGN II
RCR	District Office 306-425-4493/4494 or Opr Ltd win maint
LIGHTING	17-(TE LO) AP, 35-(TE LO) AP ARCAL-123.3 type J
COMM	
DRCO	Edmonton rdo 123.55 (FISE) (may not be receivable on gnd)
ATF	tfc 123.3 5NM 4400 ASL
AUTO	122.075
CAUTION	Ocsl pedestrian & animals crossing rwy. Stray dogs on rwy.



WOODCOCK BC

CBQ8

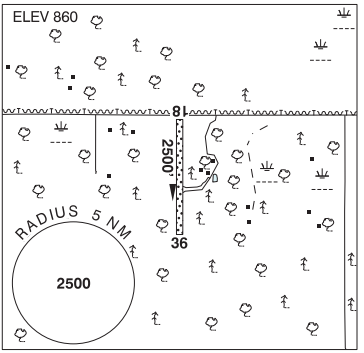
REF	N55 04 W128 14 3.8NE 20°E (2012) UTC-8(7) Elev 537´ A5013 LO1
OPR	M. Malott/ R. MacKillop 250-849-5513 Reg
PF	C-1,5
FLT PLN FIC	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02/20 3350x200 ASPH Thld 20 displ 1050´. Opr No regular maint, no win maint. PLR/PCN
COMM ATF	 tfc 123.2 5NM 3500 ASL
CAUTION	Para activity, paradrop target adj to rwy. Animals in vic of rwy.



WOODLAND / KENDALL FARM MB

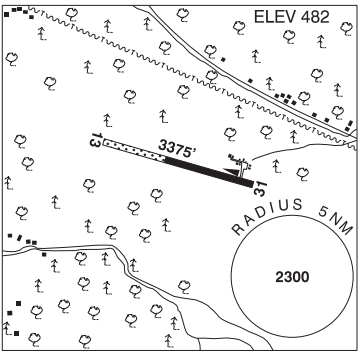
CWL4

REF	N50 15 08 W97 38 12 2.9NNE 3°E (2020) UTC-6(5) Elev 860' A5007
OPR	Timothy Todd Kendall 204-694-2994 Reg PPR
FLT PLN FIC ACC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO) IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone number where pilot can be reached prior to dep.
RWY DATA RCR	Rwy 18(177°)/36(357°) 2500x60 GRASS Opr No win maint
COMM ATF	 tfc 123.2 5NM 3900 ASL
PRO	Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.
CAUTION	Marked p-line aprx 25 AGL N of Thld 18. 4' fences at Thld 18 and Thld 36.



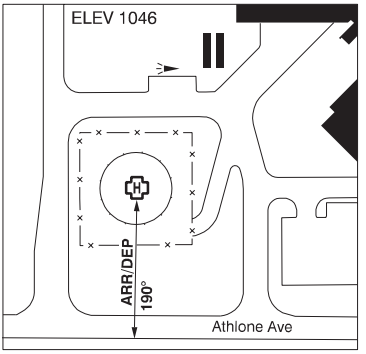
WOODSTOCK NB — CCD3

REF	N46 09 10 W67 32 52 1.1E 17°W (2015) UTC-4(3) Elev 482' A5002 A5003
OPR	Woodstock Fire Department 506 325 4896 Reg
PF	A-1,2,7,8 C-3,5,6 D-4
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
SERVICES **FUEL**	100LL PN
S	1,2,4,5,6
RWY DATA	Rwy 13(124°)/31(304°) 3375x75 ASPH/GRASS First 1991' Rwy 31 ASPH
RCR	Opr Ltd win maint. GRASS may be soft in spring.
COMM **ATF**	tfc 123.0 5NM 3500 ASL
CAUTION	Extensive ultra-light activity with 500 AGL circuits. Wildlife may be present.



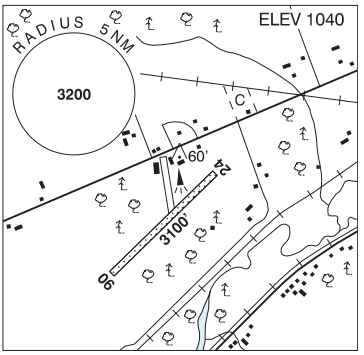
WOODSTOCK (HOSPITAL) ON (Heli) — CWH3

REF	N43 06 20 W80 45 16 Adj S 9°W (2012) UTC-5(4) Elev 1046' VTA A5000
OPR	Honeywell/Woodstock Hospital 519-421-4211 Ext 5011 Cert PPR
PF	A-1,2,3,4 C-5,6
FLT PLN **FIC**	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO 92' dia CONC TLOF 39' dia CONC Safety Area 118' dia Max heli overall length 57.5' (CAR 602.96)
RCR	Opr
LIGHTING	DR RY(LO) green RF(FH) ARCAL-123.2 type K
COMM **ATF**	tfc 123.2 5NM 4000 ASL
PRO	Arr/dep 190° fr heli, slope 12% (H2), day/night use
CAUTION	Multiple lgtd and unlgtd twrs W of heli. Woodstock UNICOM 122.8 3NM W.



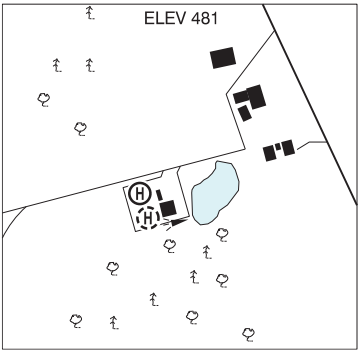
WOODSTOCK (NORM BECKHAM / BOB HEWITT FIELD) ON CPR5

REF	N43 06 35 W80 49 15 2.5W 9°W UTC-5(4) Elev 1040´ A5000
OPR	Dave Hewitt 519-421-1755 or 519-539-3303 Reg Aprt not regularly attended PN
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL S	100LL (emergency use only) 5,6
RWY DATA RCR	Rwy 06/24 3100x100 GRASS/GRVL 20' gravel (screenings) centre on eastern half of rwy and twy Opr No win maint, rwy soft in spring.
LIGHTING	06-(TE LO), 24-(TE LO) ARCAL-122.9 type J PN Opr
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4000 ASL
CAUTION	Wildlife in vic of rwy.



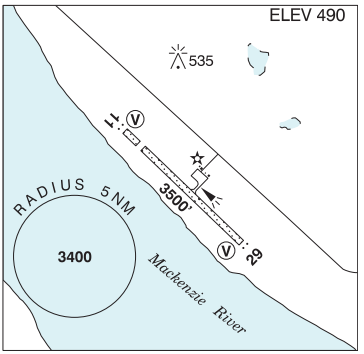
WOODSTOCK / SNOKIST NB (Heli) CSN4

REF	N46 12 10 W67 39 34 3.9NNW 17°W (2019) UTC-4(3) Elev 481' A5002 A5003
OPR	Foxco Ltd. 506-328-6524 or 506-323-0073 Reg PPR
PF	B-1 C-2,3,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	6,7
HELI DATA	FATO 45’ dia CONC TLOF 20’x20’ CONC PAD 20’x20’ CONC Safety Area 90’x140’ Max heli overall length 43'
LIGHTING	RF(FH) ARCAL-121.7 type J
COMM ATF	tfc 123.0 5NM 3500 ASL



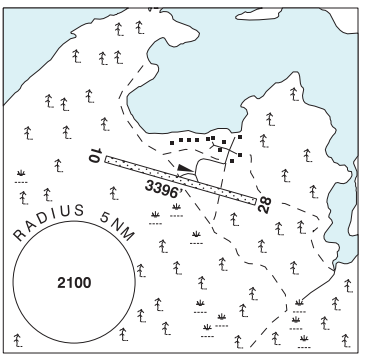
WRIGLEY NT — CYWY

REF	N63 12 33 W123 26 08 20°E (2018) UTC-7(6) Elev 490' A5029 LO5 CAP RCAP
OPR	Govt of Northwest Territories 867-695-2471 Emerg/Incident rpt ctc 877-989-1400 Reg
PF	C-1,2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
CARS	867-581-3501 ltd hrs (see COMM)
WX	METAR dur CARS hrs (see COMM) O/T LWIS WxCam
RWY DATA	Rwy 11(114°)/29(294°) 3500x98 GRVL Thld 11 displ 495' Rwy 29 down 0.43%.
RCR	Opr Win maint 1430-2330Z‡ Mon-Fri exc hols Oct 1-May 31, O/T 2 hrs PN, ctc 867-695-2432 or 867-581-3321. Call out chg may be levied. Rwy compacted snow & gravel mix dur win conds.
LIGHTING	11-AS(TE LO) V1, 29-AS(TE LO) V1 ARCAL-122.1 type J
COMM	
MF	aprt rdo ltd hrs O/T tfc 122.1 5NM 3500 ASL (CAR 602.98)
APRT RDO	122.1 (V) 15-23Z‡ Mon-Fri exc federal observed hols
NAV	
DME	YWY 113.1 Ch 78 N63 11 08 W123 21 49 (494´)



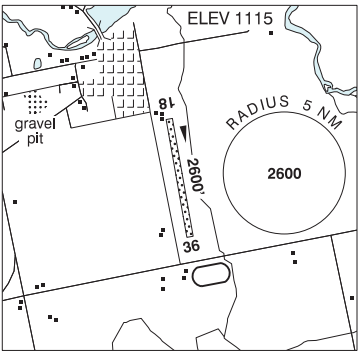
WRONG LAKE AIRPORT MB — CJG4

REF	N52 36 56 W96 11 06 3°E (2011) UTC-6(5) Elev 840' A5016
OPR	Big Eddies North Country Lodge 541-915-4942 Fax 701-282-4963 Reg PPR
PF	C-1
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA	Rwy 10(103°)/28(283°) 3396x65 GRVL Rwy 10 up 0.59%
RCR	Opr No win maint
COMM	
ATF	UNICOM 122.8 5NM 3900 ASL Unmonitored



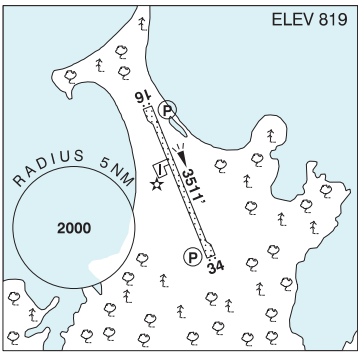
WROXETER / HARKES FIELD ON — CHF5

REF	N43 51 27 W81 08 35 Adj SSE 9°W (2023) UTC-5(4) Elev 1115' A5000
OPR	Doug Harkes 519-335-6091 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	
S	5
RWY DATA	Rwy 18(179°)/36(359°) 2600x75 GRASS
RCR	Opr No win maint. Soft in Spring.
COMM	
ATF	tfc 122.8 3NM 4000 ASL



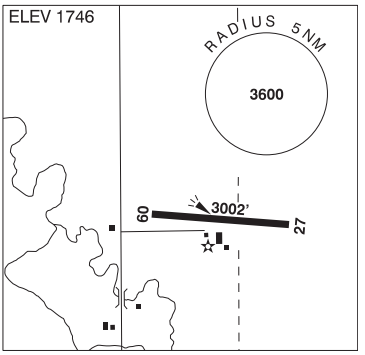
WUNNUMIN LAKE ON — CKL3

REF	N52 53 38 W89 17 21 2S 5°W UTC-6(5) Elev 819´ A5017 LO3 CAP
OPR	Govt of Ontario - MTO 807-220-6085 14-23Z‡ Mon-Fri exc hols Cert
PF	C-1,2,4,5
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
RWY DATA	Rwy 16(163°)/34(343°) 3511x100 GRVL
RWY CERT	Rwy 16/34 AGN IIIA
RCR	Aprt Foreperson 807-620-6360 or Opr 14-23Z‡ Mon-Fri exc hols. Rwy strength & cond subject to seasonal &/or climatic variations.
LIGHTING	16-AS(TE ME) AP, 34-AS(TE ME) AP ARCAL-123.2 type K
COMM	
ATF	tfc 123.2 5NM 3900 ASL

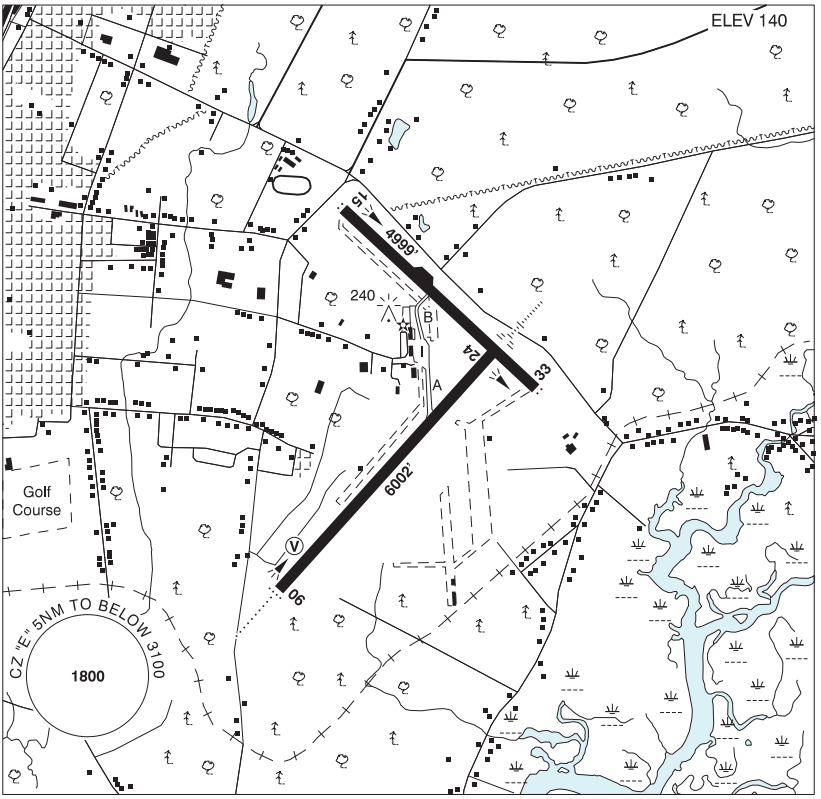


WYNYARD / W.B. NEEDHAM FIELD SK — CYYO

REF	N51 48 36 W104 10 12 2.2N 9°E (2013) UTC-6 Elev 1746' A5006 LO2
OPR	Town 306-554-2123, 306-560-7228/7318 Reg
PF	B-1 C-2,4,5
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	4,5,6
RWY DATA	Rwy 09(091°)/27(271°) 3002x75 asphalt Rwy 27 down 0.3%
RCR	Opr Ltd win maint
LIGHTING	09-(TE LO), 27-(TE LO) ARCAL-123.2 type J
COMM	
ATF	tfc 123.2 5NM 4800 ASL



YARMOUTH NS CYQI



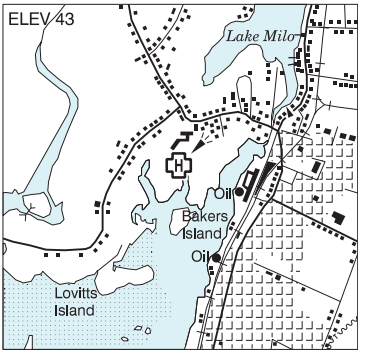
REF	N43 49 38 W66 05 18 Adj E 17°W (2013) UTC-4(3) Elev 140´ A5003 LO8 HI6 CAP
OPR	Yarmouth Airport Commission 902-742-6466 11-20Z‡ O/T PN 30 mins exc SAR & MEDEVAC Reg
PF	A-1 C-2,3,4,5,6
CUST	AOE/110 (225 with staged off-loading) 888-226-7277 12-21Z‡ May 1-Oct 31; 12-21Z‡ Mon-Fri including hols Nov 1-Apr 30
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
WX	METAR H24 ALTIMETER/WIND 902-742-6466 H24 (see COMM) TAF H24 issue times: 00, 06, 12, 18Z
SERVICES	Call out chg may be levied for one or more svcs.
FUEL	100LL, JA-1 (FSII avbl), HPR ltd hrs, ctc aprt opr
OIL	65, 100
S	1,2
SUR FL	D-ice
MIL CON	World Fuel Services 902-746-4532

YARMOUTH NS (Cont'd) CYQI

RWY DATA	Rwy 06(059°)/24(239°) 6002x150 ASPH Rwy 06 down 0.42% AGN IIIA Rwy 15(150°)/33(330°) 4999x150 ASPH Rwy 15 down 0.35% AGN IIIA
TWY	B: Acft over 50,000 lbs not auth.
RCR	Opr CRFI & win maint avbl ltd hrs, PLR/PCN
LIGHTING	06-AD(non-std 2000') (TE HI) V2, 24-AE(TE HI), 15-AS(TE ME), 33-AS(TE ME)
COMM	
RCO	London Rdo 123.55 (FISE)
MF	UNICOM (AU) 123.0 5NM 3100 ASL (CAR 602.98)
PAL	Moncton Ctr 123.9 368.5
NAV	
DME	YQI 113.3 Ch 80 N43 49 30 W66 04 57 (159')
CAUTION	Daily radiosonde balloon launches with an ascent rate of 1000 ft/min btwn hrs of 1115-1345Z and 2315-0145Z. Deer in vic of aprt.

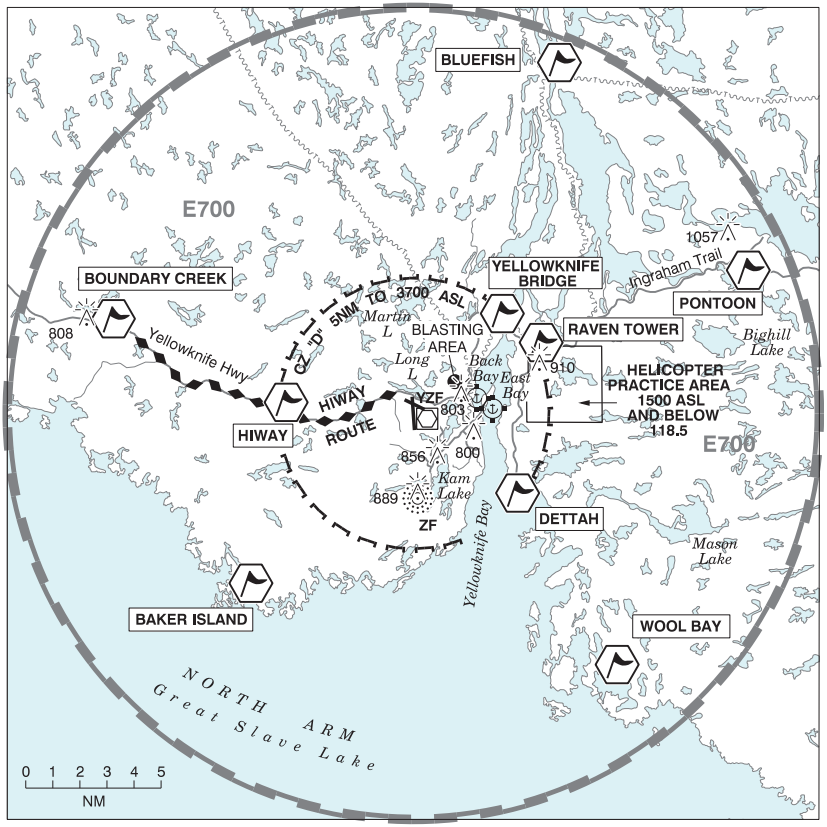
YARMOUTH (REGIONAL HOSP) NS (Heli) CDU3

REF	N43 50 54 W66 07 17 Adj NW 17°W (2014) UTC-4(3) Elev 43´ A5003
OPR	Yarmouth Regional Hosp 902-742-3541 Reg PPR
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Moncton 506-867-7177 or 866-480-8200.
HELI DATA	80´ x 80´ asphalt
LIGHTING	FL



COMM	
RCO	London rdo 123.55 (FISE)
MF	UNICOM (AU) 123.0 5NM centred on Yarmouth land A/D 2.1NM SE 3100 ASL (CAR 602.98)

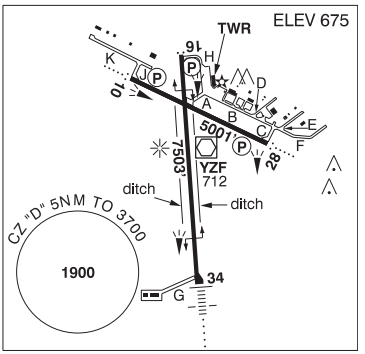
YELLOWKNIFE VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
BAKER ISLAND	VCBAK	N62° 21' 00" W114° 40' 04"
BLUEFISH	VCBLU	N62° 40' 11" W114° 15' 30"
BOUNDARY CREEK	VCREK	N62° 30' 43" W114° 51' 06"
DETTAH	VCDTA	N62° 24' 41" W114° 18' 33"
HIWAY	VCTRE	N62° 27' 40" W114° 37' 19"
PONTOON	VCPON	N62° 32' 30" W114° 00' 29"
RAVEN TOWER	VCRVN	N62° 30' 10" W114° 16' 59"
WOOL BAY	VCWOL	N62° 18' 00" W114° 11' 04"
YELLOWKNIFE BRIDGE	VCYEL	N62° 31' 09" W114° 19' 10"

YELLOWKNIFE NT — CYZF

REF	N62 27 47 W114 26 25 16°E (2018) UTC-7(6) Elev 675´ A5030 LO5 HI2 CAP
OPR	Govt of Northwest Territories 867-767-9091 1100-0754Z‡ O/T 2 hr PN, ctc 867-445-5518. Call out chg may be levied. Cert
PF	A-1,2,3,6,7 14-06Z‡ C-3,4,5
CUST	AOE/15 888-226-7277 16-24Z‡ Mon-Fri exc hols
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z.



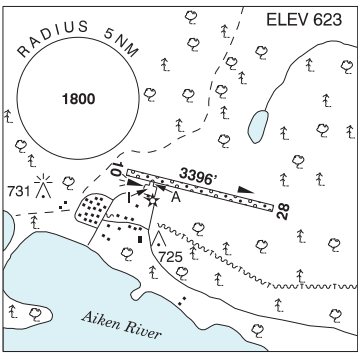
SERVICES	Tran acft prkg ltd. PPR for prkg 867-445-5518.
FUEL	100LL, JA-1 (FSII avbl), F-34, HPR
OIL	All
S	1,2, Mil 4 ltd, PPR
ARFF	DESIGNATED CAT 6 1200-0754Z‡, O/T call out chg 2 hr PN, O/T aprt clsd to acft 20 seats & abv, exc for diversions or use as an altn A/D without PPR.
SUP FL	D & A ice ctc Strategic Aviation 867-766-2090 or 867-446-0600
JASU	CE16, Elect 10/15
MIL ADV	440 Ops 134.1 867-873-0700 Ext 6440, CSN 766-6440 No trans svcg avbl.
PVT ADV	Midnight Petroleum (World Fuel Services) 122.9 867-766-4000 1200-2359Z‡ Mon-Fri O/T call out chg. Det'on Cho Logistics (Shell) 128.95 867-669-2180 or 867-446-2224 1200-2359Z‡ Mon-Fri O/T call out chg.
MIL CON	Shell Canada Product 867-873-6970
RWY DATA	Rwy 16(160°)/34(340°) 7503x150 ASPH Rwy 10(100°)/28(280°) 5001x150 ASPH RAG: Rwy 16/34 BAK 12, B (1500') NOTAM issued when cable is up.
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN V Rwy 10/28 AGN IIIB
TWY CERT	Twy: B, C, D, E, F, G, H, J, K AGN IIIB
TWY	Twys D, E, F, G & K uncontrolled.
RCR	Opr CRFI & Win maint avbl 1100-0754Z‡ Oct 15-Apr 15 O/T 2 hrs PN 867-445-5518. Call out chg may be levied Rwy 10/28 ruf sections aprx 2400' to 2495' beyond Thld 10, 39' N rwy centreline PLR/PCN
LIGHTING	10-AO(TE ME) P2, 28-AO(TE ME) P2, 16-AS(TE HI) P2, 34-AN(TE HI)
COMM	
RADIO	rdo 118.5 PTC avbl (E) 05-14Z‡ (emerg only 867-873-4049)
RCO	Edmonton rdo 5680 (FISE) 262.0 (FISE) 123.375 (FISE) 126.7 (bcst)
ATIS	128.4
GND	121.9 14-05Z‡
TWR	118.5 340.8 (E) 14-05Z‡ (emerg only 867-873-3121)
MF	rdo 118.5 05-14Z‡ 5NM 3700 ASL (CAR 602.98)
PAL	Edmonton Ctr 135.8

YELLOWKNIFE NT (Cont'd) CYZF

NAV	
NDB	ZF 356 (M) N62 24 39 W114 26 04
VOR/DME	YZF 115.5 Ch 102 N62 27 51 W114 26 12 (712´)
ILS	IZF 109.5 (Rwy 34) RVR LOC reliable only within 10° either side of centreline.
PRO	**REDUCED VISIBILITY OPERATIONS PLAN (RVOP)** Rwy 10/28 avbl as twy west of Rwy 16/34. Acft towing requires ATC/FSS clnc. Access Rwy 16/34 only by Twy A, H or G.
CAUTION	Extv migratory bird activity Apr-Oct. Drainage ditches parallel Rwy 16/34 310´ W & 260´ E centreline respectively, commencing 2000´ fr thld Rwy 34 to intxn with Rwy 10/28. Rock outcrop 3445' N of Thld 34, 410' left of rwy centerline, aprx 984' long, 696 ASL, marked by red obst lgt.

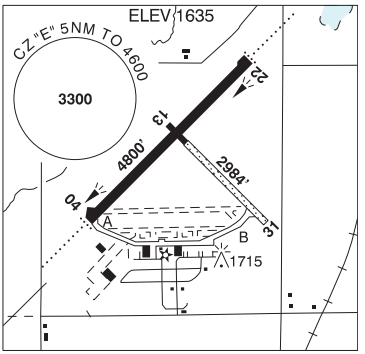
YORK LANDING MB CZAC

REF	N56 05 22 W96 05 21 Adj N 1°E (2015) UTC-6(5) Elev 623´ A5016 A5024 LO3 CAP
OPR	Govt of Manitoba 204-945-3421 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-341-2272 Cert
PF	A-1 C-2,4 Tml bldg opr 13-18Z‡, 19-22Z‡ Mon-Fri, clsd Sat, Sun & hols
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)



RWY DATA	Rwy 10(103°)/28(283°) 3396x83 crushed rock
RWY CERT	Rwy 10/28 AGN II
APRON	Apron I: Ltd win maint
RCR	APM 204-341-2324 13-18Z‡, 19-22Z‡ Mon-Fri exc hols O/T MEDEVAC only 1 hr PN 204-341-2272
LIGHTING	10-(TE LO), 28-(TE LO) ARCAL-122.8 type J (see CAUTION)
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3700 ASL
CAUTION	Rwy edge lgt installed higher than std (aprx 27 inches high loc 5´ outside rwy edge). Extv bird activity Apr-Oct. **Graded Areas:** Graded areas around rwy for aprt maint vehicle only.

YORKTON REGIONAL SK — CYQV



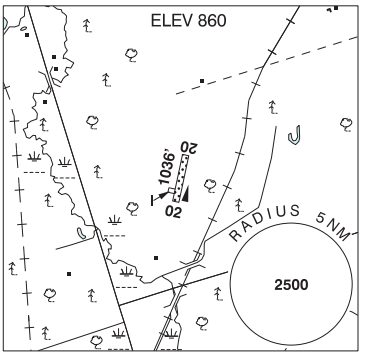
REF	N51 15 53 W102 27 41 2.8N 7°E (2018) UTC-6 Elev 1635´ A5006 LO2 HI4 CAP
OPR	City 306-786-1730 Cert
PF	A-1 C-2,3,4,5,6
FLT PLN	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
WX	METAR AUTO H24 (See COMM) TAF 12-06Z, issue times: 12, 18, 00Z. WxCam
SERVICES	Call out chg may be levied for one or more svcs
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
S	1,2,3,4,5,6
PVT ADV	Leading Edge Aviation 122.8 306-786-1863 Good Spirit Air Service 123.3 306-786-3352 14-23Z Mon-Fri
RWY DATA	Rwy 04(038°)/22(218°) 4800x148 ASPH Rwy 22 up 0.79% Rwy 13(128°)/31(308°) 2984x98 GRVL/ASPH, first 600´ Rwy 13 ASPH
RWY CERT	Rwy 04/22 AGN IIIB Rwy 13/31 AGN II
TWY CERT	Twy B II
RCR	Opr 14-24Z Mon-Fri exc hols O/T 306-786-3345 3hr PN cost recovery Rwy 13/31 rstd to acft less than 15,000 lbs PLR/PCN
LIGHTING	04-AD(TE ME), 22-AD(TE ME), 13-(TE ME), 31-(TE ME) ARCAL-119.65 type K
COMM	
RCO	Regina rdo 119.65 296.6 (RAAS) 12-04Z Edmonton rdo 123.475 (FISE) 126.7 (bcst)
MF	Regina rdo 12-04Z O/T tfc 119.65 296.6 5NM 4600 ASL (CAR 602.98)
PAL	Winnipeg Ctr 132.525
AWOS	128.725
NAV	
DME	YQV 115.8 Ch 105 N51 15 51 W102 28 07 (1675´)
PRO	**ATS PPR REQUIREMENTS:** Ctc Winnipeg ACC 204-984-5979 for IFR tng and photo survey within Yorkton Class E Airspace 12,500' and below.

YYC CALGARY INTL AB — See CALGARY / YYC CALGARY INTL

ZAJES AB — See WARBURG / ZAJES

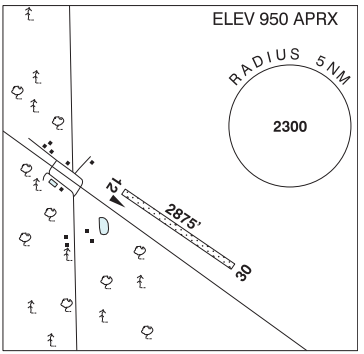
ZEPHYR / DILLON FIELD ON CZF2

REF	N44 11 51 W79 18 32 1.9W 11°W (2018) UTC-5(4) Elev 860' A5000
OPR	Matthew Dillon 905-955-5015 Reg PPR
FLT PLN FIC	 London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 02(023°)/20(203°) 1036x50 GRASS Opr Ltd maint. No win maint. Rwy clsd Nov 1-Apr 30
COMM ATF	 122.8 5NM 3900 ASL



ZHODA MB CKA4

REF	N49 16 51 W96 30 04 Adj S 2°E (2015) UTC-6(5) Elev 950´ aprx VTA A5007
OPR	D. Kiansky 204-425-3145 Fax 204-425-3421 Reg
PF	C-1,2
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
RWY DATA RCR	Rwy 12(122°)/30(302°) 2875x90 GRASS/GRVL/CLAY Opr No win maint.
COMM ATF	 tfc 123.2 5NM 4000 ASL



AERODROME/FACILITY DIRECTORY NORTH ATLANTIC

PITUFFIK SPACE BASE GNLD BGTL

REF	N76 32 W68 42 46°W (2015) UTC-4(3) Elev 251´ A5049 LO9 HI1
OPR	USAF PPR except AMC flts. Req thru 821 ABG Thule AB GL/AMO/DSN 312-629-1110 or 312-629-3840 Thule Ext 2717/Commercial +299-976-606 Ext 2717 / Fax commercial +299-976-606 Ext 3033 / US commercial 719-474-3840 Ext 2717. Civ acft thru HQ USAF/XOO-CA 703-697-5967, DSN 312-227-5967. Foreign Govt acft thru HQ USAF/XOO-CA 703-697-1738, DSN 312-227-1738. Aprt oprg hrs 12-20Z‡ Mon-Fri, clsd Sat, Sun & US hols. Aircraft are required to land/depart 15 minutes prior to closure to allow proper ATC handling. Base OPS opr 10-21Z‡ Mon-Thu, 10-20Z‡ Fri, clsd Sat, Sun & US hols.
FLT PLN	AFTN
WX	Full svc avbl aprt oprg hrs.
SERVICES	No flt line maint. Fleet svc not avbl. Trans Alert, Oil & lubrications (POL) Svcs avbl 1030-2030Z‡ Mon-Thu, 1030-2000Z‡ Fri.
FUEL	F-34, SP, valid Identaplate DD form 1896 only, Gold Card not excepted. Alternate means of payment must be arranged prior to arrival. Ctc Thule Ext 2810.
S	1 (ltd), 2
ARFF	CAT 6, US INDEX B
SUP FL	D-ice Type 1
JASU	MA-1A, MC-1A, AM32A-86
RWY DATA	Rwy 08T/26T 9997x140 asphalt
RCR	Opr T172, ST175, TT323, 2D416, SBTT551, TDT840, TRT585, PCN values, Summer (Jun-Sep) 41 F/A/W/T, Winter (Oct-May) 50 F/A/W/T
TWY	Twy Charlie rstd to acft group index 4/C-130 or smaller. Natural feature (Lake) situated btwn twy B & twy C may constitute a possible hazard to moving acft.
APRON	Parking spots 1-4 closed. Cluster Pits 1-6 closed
LIGHTING	08T-A1 SF(T HI) P 3.0° Rotating bcn opr H24. Airfield lgt remains on H24 from Sep-May. The ALSF-1 is not properly configured, making it a non-std Approach Lgt System. The ALSF-1 has two extra lights (10 instead of std 8) on the 300m (1,000ft) crossbar.
COMM	ctc Thule APP con prior to 100NM for entry clnc
GND	119.9 275.8
TWR	126.2 255.6 (E) oprg hrs as per opr
ARR	134.1 363.8 (E) oprg hrs as per opr
A/G	8364R emerg CW freqs
BASE OPS	131.1
NAV	All NAVAIDS oriented to true, magnetic variation not applied.
VORTAC	THT 111.0 Ch 47 N76 32 32 W68 14 21 264° 6.5NM to A/D VOR unusable 134°T-164°T beyond 25NM below 9000 MSL. TACAN unusable 003°T-069°T beyond 34NM below 7000 MSL, 069°T-182°T beyond 24NM below 11,000 MSL. VORTAC unusable 182°T-225°T beyond 30NM below 6000 MSL. Preventive maint: TACAN 18-21Z‡ Mon, VOR 18-21Z‡ Mon-Fri
ILS	I-TL 109.5 332.6 back crs unusable ltd hrs. Preventive maint 109.5Mhz 17-19Z‡ Tue & 332.6 Mhz 13-15Z‡ Fri (LOC & GS). Localizer unusable beyond 10 NM 31° right of course.
ASR	See latest DOD terminal Flip for minima. Preventive maint 10-12Z‡ Mon-Fri.

PITUFFIK SPACE BASE GNLD (Cont'd) BGTL

PRO	All acft ctc Base Ops prior to engine start. All acft ctc Thule ATC O/T Base ops when TWR closed to request engine start. Rgt tfc rwy 08T. Normal procedure land rwy 08T, depart rwy 26T. Explosive hazardous cargo proh. Hgr space extremely ltd, min 72 hr PN. All acft must be winterized. Quarters confirmation thru Base Ops rqrd prior to PPR issue. Expect RCR 08 or lower Sep 15-May 15. O/T use caution when rwy wet. Sfc winds greater than 30 kt fr 125°T-185°T expect moderate turbulence sfc to 5000′ & low level windshear (LLWS) on final/missed apch rwy 08T, severity greater with wind speed. Rwy 08T ILS GS unusable for coupled apch BLW 600 MSL.
CAUTION	Instrument procedures are oriented to True North, magnetic variation is not applied. All vectors and wind information will be in reference to True North. Wind speed and direction will be issued as estimated. Thule AFB is considered mountainous terrain, 2000′ of obstacle clearance provided in ESA & MVA. The MSA provides 1000′ of obstacle clearance. Far Field monitor Non-Frangible system mounted on utility poles ILS LOC Transmitter support structure Non-Frangible Approach Light System (ASFL-1) support structure Non-Frangible Lczr - surrounding topography is rolling glacial till bordered by bedrock, terrain is irregular with gradual swells combined with glacial rock. Lczr - Natural geographic features drainage ditches/trenches located throughout the lateral clearance zone. ATC only assigns temperature-corrected alt at the lowest MVA when temperature reach -10°C/14°F or lower. IAP alt are not temperature corrected. All pilots/aircrew must inform ATC if flying temperature-corrected alt, or at an alt other than that assigned by ATC, in Thule airspace. Intermittent Class 4 laser operations located at N76 32 18.76 W68 45 01.92. Operations pose a hazard to aircraft operations within a one mile radius. Migrating birds mid Apr thru mid May & mid Aug thru mid Sep. Possible arctic foxes on rwy, twys & apron. Aerodrome wildlife hazard increased, muskox activity on and near the airfield.

THULE AIR BASE GNLD — See PITUFFIK SPACE BASE Sep 24

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INTERSECTIONS AND REPORTING POINT CO-ORDINATES C220

FLIGHT PLAN / FLIGHT ITINERARY

The following lists the order of filing:

1. Aircraft identification (aircraft registration mark, flight number or radio call sign)
2. Flight rules
3. Type of flight
4. Number (if more than one)
5. Type of aircraft
6. Wake turbulence category
7. Equipment and capability (see page C3)
8. Departure aerodrome
9. Time of departure (UTC) proposed/actual
10. Cruising speed
11. Altitude / Level
12. Route
13. Destination aerodrome
14. Estimated elapsed time enroute (hrs & min)
15. SAR time*
16. Alternate aerodrome(s) (if required)
17. Other information
18. Endurance (hrs & min)
19. Total no of persons on board
20. Type of emergency locator transmitter*
21. Survival equipment (type, jackets, dinghies)
22. Aircraft colour and markings
23. Remarks (regarding other survival equipment)
24. Arrival report - where it will be filed*
25. Name and number or address of person or company to be notified if SAR action initiated*
26. Pilot's name
27. Pilot's licence no (Canadian pilot licence only)*

* Not required in an ICAO flight plan/flight itinerary.

MIL: Flights originating from locations where no DND flight planning facilities are available will file the NAV CANADA Canadian Flight Plan and Flight Itinerary form as described herein.

See TC AIM RAC Flight Planning for detailed instructions in completing the NAV CANADA form.

VFR POSITION REPORTS

Reports not required (except ADIZ reports) but will assist search and rescue if needed. Report to a Flight Information Centre or a Flight Service Station. In uncontrolled airspace report on the published FISE frequency and also broadcast on 126.7.

1. Identification
2. Position
3. Time over
4. Altitude
5. VFR Flight Plan
6. Destination

IFR POSITION REPORTS

1. Identification
2. Position
3. Time
4. Altitude
5. Type of flight plan or flight itinerary*
6. Next reporting point and ETA**
7. Name only of the next succeeding reporting point
8. Remarks

* If providing position reports via Automatic Dependant Surveillance (ADS) it is not necessary to indicate the type of flight plan.

** If the time estimate for the next applicable reporting point differs from the previously reported estimate by three minutes or more, a revised estimated time should be notified as soon as possible to the appropriate Air Traffic Services (ATS) unit.

CONTENTS OF AN ARRIVAL REPORT

1. The aircraft registration mark, flight number or radio call sign
2. The type of flight plan or flight itinerary
3. The departure aerodrome
4. The arrival aerodrome
5. The date and time of arrival

PIREP

1. Location of phenomena in relation to NAVAID or aerodrome or coordinates and time
2. Altitude
3. Aircraft type
4. Cloud (Base, Amount, Top)
5. Temperature
6. Wind direction and speed
7. Turbulence (intensity, type, altitude)
8. Icing (intensity, type, altitude)
9. Remarks

EQUIPMENT PREFIXES AND SUFFIXES

AIRCRAFT

/H – HEAVY, to indicate an aircraft type with a maximum certificated takeoff mass of 136,000 kg (300,000 lbs) or more.

/M – MEDIUM, to indicate an aircraft type with a maximum certificated takeoff mass of less than 136,000 kg (300,000 lbs) but more than 7,000 kg (15,500 lbs).

/L – LIGHT, to indicate an aircraft type with a maximum certificated takeoff mass of 7,000 kg (15,500 lbs) or less.

Separate the type of aircraft and wake turbulence category from the COM/NAV equipment by a hyphen (-), then, following the COM/NAV suffixes add a forward slash (/) and denote the SSR equipment.

(a) **COM/NAV equipment**

INSERT one letter as follows:

N – if no COM/NAV approach aid equipment for the route to be flown is carried, or the equipment is unserviceable

or

S – if standard COM/NAV/approach aid equipment for the route to be flown is carried and serviceable (see Note 1),

and/or

INSERT one or more of the following letters to indicate the serviceable COM/NAV/approach aid equipment and capabilities available (see Note 6):

A	GBAS landing system	L	ILS
B	LPV (APV with SBAS)	M1	ATC SATVOICE (INMARSAT)
C	LORAN C	M2	ATC SATVOICE (MTSAT)
D	DME	M3	ATC SATVOICE (Iridium)
E1	FMC WPR ACARS	O	VOR
E2	D-FIS ACARS	P1	CPDLC RCP 400
E3	PDC ACARS	P2	CPDLC RCP 240
F	ADF	P3	SATVOICE RCP 400
G	(GNSS) (see Note 2)	P4-P9	Reserved for RCP
H	HF RTF	R	PBN approved (see Note 4)
I	Inertial Navigation	S	Standard Equipment (see Note 1)
J1	CPDLC ATN VDL Mode 2 (see Note 3)	T	TACAN
J2	CPDLC FANS 1/A HFDL	U	UHF RTF
J3	CPDLC FANS 1/A VDL Mode 4	V	VHF RTF
J4	CPDLC FANS 1/A VDL Mode 2	W	RVSM approved
J5	CPDLC FANS 1/A SATCOM (INMARSAT)	X	MNPS approved
J6	CPDLC FANS 1/A SATCOM (MTSAT)	Y	VHF with 8.33 kHz channel spacing capability
J7	CPDLC FANS 1/A SATCOM (Iridium)	Z	Other equipment carried or other capabilities (see Note 5)
K	(MLS)		

Any alphanumeric characters not indicated above are reserved.

EQUIPMENT PREFIXES AND SUFFIXES (Cont'd)

NOTES:

1. If the letter S is used standard equipment is considered to be VHF RTF, VOR and ILS, unless another combination is prescribed by the appropriate ATS authority.
2. ICAO: If the letter "G" is used, the types of external GNSS augmentation, if any, are specified in "Other Information" following the indicator NAV/ and separated by a space.

   Canadian: When using the letter "G" on an IFR flight plan, the GNSS receiver must be approved in accordance with the requirements specified in AIP Canada (ICAO) ENR 4.3. IFR-certified receivers are not mandatory for VFR flights. Pilots are encouraged to use the letter "G" on VFR flight plans when using any type of GNSS to assist VFR navigation.
3. See RTCA/EUROCAE Interoperability Requirements Standard For ATN Baseline 1 (ATN B1 INTEROP Standard - DO-280B/ED-110B) for data link services air traffic control clearance and information/air traffic control communications management/air traffic control microphone check.
4. If the letter R is used, the performance based navigation levels that can be met are specified in "Other Information" following the indicator PBN/. Guidance material on the application of performance based navigation to a specific route segment, route or area is contained in the Performance-Based Navigation Manual (Doc 9613).
5. If the letter "Z" is used, specify in "Other Information" the other equipment carried, or other capabilities, preceded by COM/, NAV/ and/or DAT, as appropriate.
6. Capabilities comprise the presence of relevant serviceable equipment on board the aircraft; equipment and capabilities commensurate with flight crew qualifications and, where applicable, authorization from the appropriate authority.

Surveillance equipment and capabilities

INSERT N if no surveillance equipment for the route to be flown is carried, or the equipment is unserviceable, OR

INSERT one or more of the following descriptors, to a maximum of 20 characters, to describe the serviceable surveillance equipment and/or capabilities on board:

SSR Modes A and C

A Transponder - Mode A (4 digits-4096 codes)
C Transponder - Mode A (4 digits-4096 codes) and Mode C

SSR Mode S without ADS-B

H Transponder - Mode S, including aircraft identification, pressure-altitude and enhanced surveillance capability
I Transponder - Mode S, including aircraft identification, but no pressure-altitude capability
P Transponder - Mode S, including pressure-altitude transmission, but not aircraft identification capability
S Transponder - Mode S, including both pressure-altitude and aircraft identification capability
X Transponder - Mode S with neither aircraft identification nor pressure-altitude capability

NOTE: Enhanced surveillance capability is the ability of the aircraft to down-link aircraft derived data via a Mode S transponder.

SSR Mode S with ADS-B

E Transponder - Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) capability.
L Transponder - Mode S, including aircraft identification, pressure-altitude, extended squitter (ADS-B) and enhanced surveillance capability.

EQUIPMENT PREFIXES AND SUFFIXES (Cont'd)

ADS-B suffix

B1 ADS-B with dedicated 1090 MHz ADS-B "out" capability
B2 ADB-B with dedicated 1090 MHz ADS-B "out" and "in" capability
U1 ADS-B "out" capability using UAT
U2 ADS-B "out" and "in" capability using UAT
V1 ADS-B "out" capability using VDL Mode 4
V2 ADS-B "out" and "in" capability using VDL Mode 4

In addition to the ADS-B alphanumeric characters listed above, aircraft equipped in accordance with the Canadian ADS-B mandate must also include CANMANDATE in "Other Information" following the SUR/ indicator.

Example: SUR/CANMANDATE
Example: SUR/260B RSP180 A2 CANMANDATE

ADS-C suffix

D1 ADS-C with FANS 1/A capabilities
G1 ADS-C with ATN capabilities

Alphanumeric characters not indicated above are reserved.

Example: ADE3RV/LB2U2V2G1

NOTE: Additional surveillance application should be listed in "Other Information" following the indicator SUR/.

Any other necessary information in the sequence shown hereunder, in the form of the appropriate indicator selected from those defined hereunder, followed by an oblique stroke and the information to be recorded.

STS/ Reason for special handling by ATS, e.g. a SAR mission, as follows.

ALTRV: for a flight operated in accordance with an altitude reservation.
ATFMX: for a flight approved for exemption from ATFM measures by the appropriate ATS authority.
FFR: for fire-fighting.
FLTCK: for a flight check for calibration of NAVAIDs.
HAZMAT: for a flight carrying hazardous material.
HEAD: for a flight with Head of State status.
HOSP: for a medical flight declared by medical authorities.
HUM: for a flight operating on a humanitarian mission.
MARSA: for a flight for which a military entity assumes responsibility for separation of military aircraft.
MEDEVAC: for a life critical medical emergency evacuation.
NONRVSM: for a non-RVSM capable flight intending to operate in RVSM airspace.
SAR: for a flight engaged in a search and rescue mission.
STATE: for a flight engaged in military, customs or police services.

Other reasons for special handling by ATS shall be denoted under the designator "RMK/".

PBN/ Indication of RNAV and/or RNP capabilities: Include as many of the descriptors below as possible that apply to the flight, up to a maximum of eight entries, i.e. no more than 16 characters.

RNAV Specifications to be Indicated in Flight Plan Item 18: Other Information

A1	RNAV 10 (RNP 10)
B1	RNAV 5 all permitted sensors
B2	RNAV 5 GNSS
B3	RNAV 5 DME/DME
B4	RNAV 5 VOR/DME
B5	RNAV 5 INS or IRS
B6	RNAV 5 LORAN C
C1	RNAV 2 all permitted sensors
C2	RNAV 2 GNSS
C3	RNAV 2 DME/DME
C4	RNAV 2 DME/DME/IRU
D1	RNAV 1 all permitted sensors
D2	RNAV 1 GNSS
D3	RNAV 1 DME/DME
D4	RNAV 1 DME/DME/IRU

RNP Specifications to be Indicated in Flight Plan Item 18: Other Information

L1	RNP 4
O1	Basic RNP 1 all permitted sensors
O2	Basic RNP 1 GNSS
O3	Basic RNP 1 DME/DME
O4	Basic RNP 1 DME/DME/IRU
S1	RNP APCH
S2	RNP APCH with baro VNAV
T1	RNP AR APCH with RF (special authorization required)
T2	RNP AR APCH without RF (special authorization required)

ICAO has not yet allocated a two-digit alphanumeric character to describe RNP 2 under the PBN/ indicator. For an RNP 2 capable flight, enter a Z in item 10 and spell out "RNP2" after NAV/ in "Other Information (item 18)": NAV/RNP2

USE OF TRANSPONDER CODES

IFR:

Controlled High Level Airspace	–	Mode A, Code 2000 plus Mode C, if no direction is given by ATC.
Uncontrolled High Level Airspace	–	Mode A, Code 2000 plus Mode C if available, if no direction is given by ATC.
Controlled Low Level Airspace above 12,500 ASL	–	Mode A, Code 1000 plus Mode C, if no direction is given by ATC.
All Other Low Level Airspace	–	Mode A, Code 1000 plus Mode C if available, if no direction is given by ATC.

VFR:

Code 1200, for operation at or below 12,500 ASL.

Code 1400, for operation above 12,500 ASL.

NOTE: If an aircraft leaves confines of an airspace in which a specific code was assigned, the pilot is responsible for changing to the applicable code above.

Emergencies	–	COMM Failure	–	Mode A, Code 7600
		Emergency	–	Mode A, Code 7700
		Hijack	–	Mode A, Code 7500

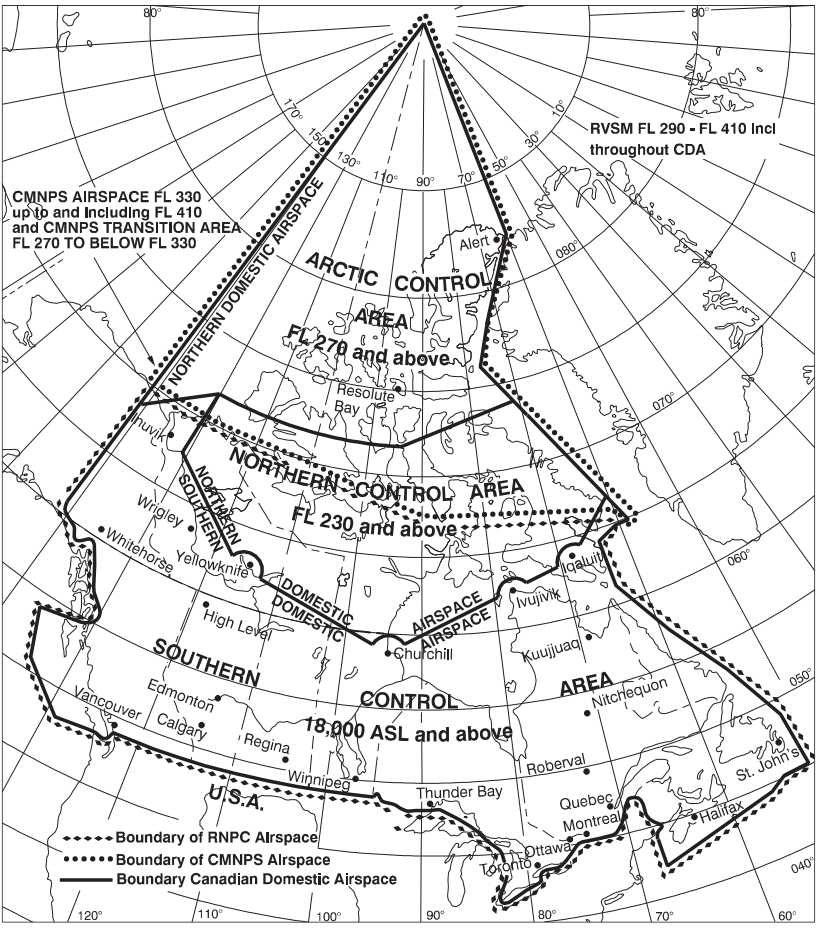
CAUTION: Pilots should select transponder codes with care so as to avoid inadvertent selection of emergency codes.

Flight crews of aircraft equipped with transponders capable of Mode C automatic altitude reporting capability are requested to adjust their transponders to transmit Mode C when operating in Canadian Airspace unless deactivation is requested by ATC.

EMERGENCY SECURITY CONTROL OF AIR TRAFFIC (ESCAT) PLAN

1. The ESCAT rules will only be implemented in times of crisis and war, and restrictions to aircraft movements will not be imposed for any greater time or degree than is necessary to meet the military tactical requirements. When the plan is implemented it applies to all Canadian airspace. The total plan including wartime air traffic priority numbers and ESCAT zones are contained in a joint DND/TC publication.
2. When notified that ESCAT is in effect, pilots of aircraft operation into or over Canada or planning to operate into or over Canada shall:
   (a) comply with instructions from ATC units to change course or altitude, or to land;
   (b) include the appropriate Wartime Air Traffic priority number when filing flight plans and obtain approval from an appropriate ATC unit prior to take-off; and
   (c) make position reports as required by the instrument flight rules and/or as directed in applicable Command/Group Squadron Orders.

CANADIAN AIRSPACE BOUNDARIES



NOTE:

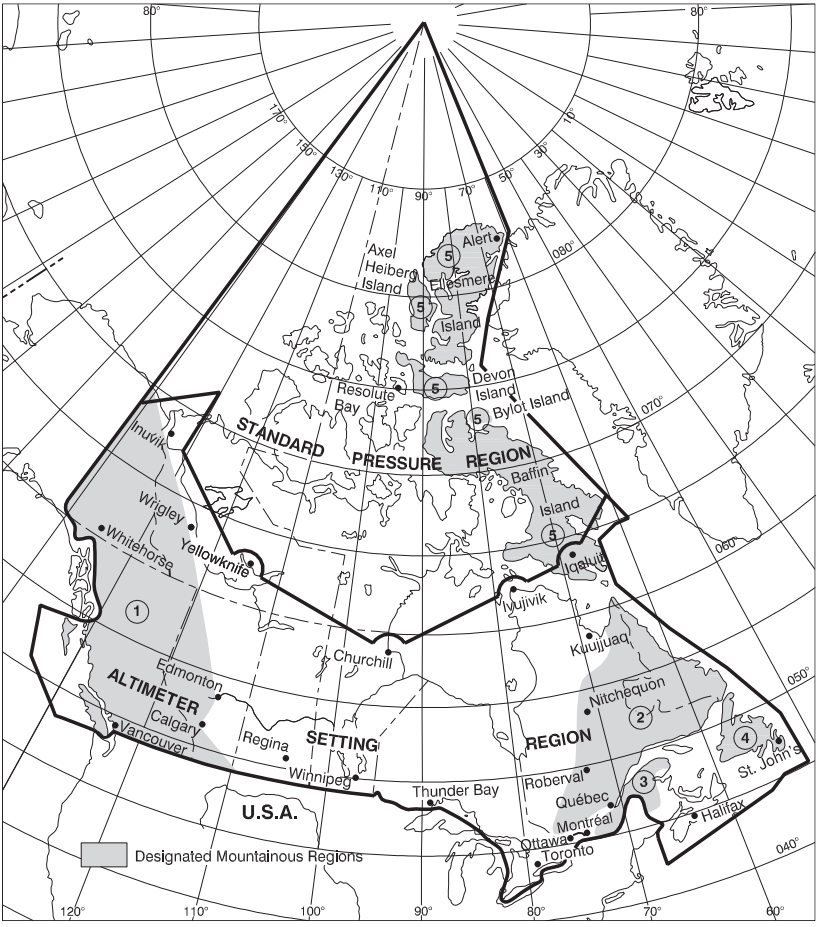
- Only aircraft certified by state of registry as meeting Minimum Navigation Performance Specifications (MNPS) of either the North Atlantic (NAT) or Canada will be permitted to operate within the designated CMNPS airspace, unless the appropriate Air Traffic Control Unit indicates that the aircraft in question can be accommodated without penalizing CMNPS certified aircraft.

  See TC AIM RAC for details.

- Reduced Vertical Separation Minimum (RVSM)

  See TC AIM RAC for details.

ALTIMETER SETTING AND DESIGNATED MOUNTAINOUS REGIONS



Aircraft flying IFR in Designated Mountainous Regions outside of designated airways/air routes shall be flown at an altitude of at least 2000 feet above the highest obstacle within 5NM of the aircraft when in areas 1 & 5, or 1500 feet in areas 2, 3 & 4. Refer to Designated Airspace Handbook for the official area definitions.

CHARACTERISTICS OF AIRSPACE

CLASSIFICATION OF AIRSPACE

For further information regarding Canadian Airspace see the Transport Canada publication, the *Designated Airspace Handbook (DAH), TP 1820E*.

Class "A" Airspace (IFR)

Controlled high level airspace within which only IFR flight is permitted. ATC separation is provided to all aircraft. The vertical dimensions of Class A airspace are as follows:

Southern Control Area–18,000 ASL to FL600 inclusive
Northern Control Area–FL230 to FL600 inclusive
Arctic Control Area–FL270 to FL600 inclusive

Class "B" Airspace (IFR and VFR)

Controlled airspace within which both IFR and VFR flights are permitted. All controlled low level airspace above 12,500 ASL or at and above the MEA, whichever is higher, up to but not including 18,000 ASL. ATC separation is provided to all aircraft.

Control zones and associated terminal areas may also be classified as Class B airspace.

Class "C" Airspace (IFR and VFR)

Controlled airspace within which both IFR and VFR flights are permitted, but VFR flights require a clearance to enter. ATC separation is provided for all IFR aircraft and, as necessary to resolve possible conflicts, between IFR and VFR aircraft.

Control zones and associated terminal areas may also be classified as Class C airspace.

Class "D" Airspace (IFR and VFR)

Controlled airspace within which both IFR and VFR flights are permitted, but VFR flights must establish two-way communication with the appropriate ATC agency prior to entering the airspace. ATC separation is provided only to IFR aircraft.

Control zones and associated terminal areas may also be classified as Class D airspace.

Class "E" Airspace (IFR and VFR)

All high level controlled airspace above FL600. Also, low level airways, low level fixed RNAV routes, control area extensions, transition areas or control zones established without an operating control tower may be classified Class E airspace.

Class "F" Airspace (IFR and VFR)

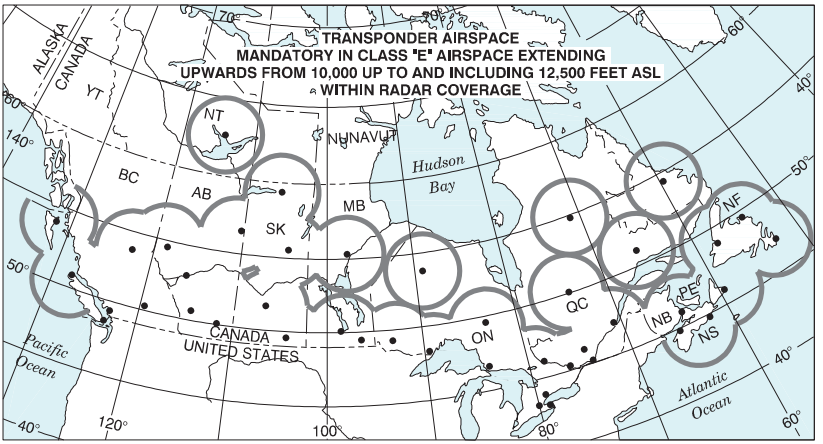
Airspace of specified dimensions. Class F airspace may be restricted airspace or advisory airspace or danger areas, and can be controlled airspace, uncontrolled airspace, or a combination of both.

Class "G" Airspace (IFR and VFR)

Airspace within which IFR and VFR flights are not subject to control. Airspace not designated A, B, C, D, E, or F is classified G.

CHARACTERISTICS OF AIRSPACE – Cont'd

TRANSPONDER AIRSPACE



TRANSPONDER REQUIREMENTS

Aircraft are required to be equipped with a functioning transponder incorporating an automatic pressure altitude reporting device when operating in the following airspace:

a) all Class A airspace;

b) all Class B airspace;

c) all Class C airspace; and

d) all Class D and Class E airspace that is specified as "Transponder Airspace" in the *Designated Airspace Handbook (DAH TP 1820E)*, as follows:

I. Class D TCAs and/or Class D CZs at the following aerodromes:

i. Vancouver, BC CZ
ii. Abbotsford, BC TCA
iii. Kelowna, BC Class D CAE,
iv. Fredericton, NB CZ, and
v. Halifax/Stanfield Intl, NS TCA and CZ;

II. Class E airspace of defined dimensions at the following aerodromes:

i. Victoria, BC
ii. Vancouver, BC
iii. Abbotsford, BC
iv. Christina Lake, AB
v. Conklin, AB
vi. Fort MacKay/Albian, AB
vii. Fort MacKay/Firebag, AB
viii Fort MacKay/Horizon, AB
x. Kirby Lake, AB
xi. Primrose, AB
xii. Regina, SK
xiii. Saskatoon/John G. Diefenbaker, SK
xiv. Thunder Bay, ON
xv. Toronto, ON
xvi Montréal (Mirabel), QC

xvii Moncton, NB
xviii Gander, NL
xix St. John's, NL

e) All Class E airspace extending upwards from 10,000 ASL up to and including 12,500 ASL within radar coverage.

Pilots of IFR aircraft within controlled high level airspace shall adjust their transponder to reply on Mode A, Code 2000 and on Mode C unless otherwise instructed by ATC.

NOTE: To enhance the safety of IFR flight in uncontrolled high level airspace, pilots are urged to adjust their transponders to reply on Mode A, Code 2000, plus Mode C, unless otherwise instructed by ATC.

CONTROLLED LOW LEVEL AIRSPACE

Airway - 2200 AGL up to but not including 18,000 ASL - (for airway width see TC AIM, RAC).

Control Area Extension - Controlled airspace of defined dimensions within the Low Level Airspace extending upwards 2,200 AGL and above, unless otherwise specified.

Control Zone - Controlled airspace of defined dimensions extending vertically from the surface of the earth up to and including 3,000 feet above aerodrome elevation, unless otherwise specified.

Terminal Control Area - Controlled airspace of defined dimensions designated to serve arriving, departing and enroute aircraft.

Military Terminal Control Areas - Controlled airspace of defined dimensions normally established in the vicinity of a military aerodrome and within which special procedures and exemptions exist for military aircraft. The terminology "(Class B, C, D, or E equivalent)" used for the designation of MTCAs describes the equivalent level of service and operating rules for civilian aircraft operating within the MTCA and under military control.

Transition Area - Controlled airspace of defined dimensions extending upwards from 700 AGL unless otherwise specified, to the base of overlying controlled airspace.

CRUISING ALTITUDES & FLIGHT LEVELS APPROPRIATE TO AIRCRAFT TRACK

1. The appropriate altitude or flight level for aircraft in level cruising flight is determined in accordance with:
   (a) the magnetic track in the Southern Domestic Airspace
   (b) the true track in Northern Domestic Airspace.
2. Unless otherwise authorized by ATC the following VFR, CVFR or IFR cruising altitudes apply.
3. RVSM cruising flight levels appropriate to aircraft track are applicable in Designated RVSM Airspace.

ALTITUDES OR FLIGHT LEVELS	AIRCRAFT TRACK	
	000° - 179°	180° - 359°
ABOVE FLIGHT LEVEL 290 FLY 4000´ INTERVALS:	BEGINNING AT FLIGHT LEVEL 290 (FL 290, 330, 370, 410, 450)	BEGINNING AT FLIGHT LEVEL 310 (FL 310, 350, 390, 430, 470)
RVSM	FL 290, 310, 330, 350, 370, 390, 410	FL 300, 320, 340, 360, 380, 400
AT OR ABOVE 18,000 ASL BUT BELOW FL 290 FLY 2000´ INTERVALS:	ODD FLIGHT LEVELS (FL 190, 210, 230, ETC.)	EVEN FLIGHT LEVELS (FL 180, 200, 220, ETC.)
BELOW 18,000 ASL: (FLY CORRESPONDING FLIGHT LEVELS IN STANDARD PRESSURE REGION) FLY 2000´ INTERVALS:	IFR and CVFR	IFR and CVFR
	ODD THOUSANDS, ASL (1000, 3000, 5000, ETC.)	EVEN THOUSANDS, ASL (2000, 4000, 6000, ETC.)
	VFR	VFR
	ODD THOUSANDS plus 500 FT ASL (3500, 5500, 7500, ETC.)	EVEN THOUSANDS plus 500 FT ASL (4500, 6500, 8500, ETC.)

CHARACTERISTICS OF AIRSPACE – Cont'd
WEATHER MINIMA VFR FLIGHT

AIRSPACE	VFR WEATHER MINIMA	
CONTROL ZONES	- FLIGHT VIS AND GROUND VIS WHEN REPORTED: NOT LESS THAN 3 MILES - DISTANCE FROM CLOUD: 1 MILE HORIZONTALLY AND 500´ VERTICALLY - DISTANCE FROM GROUND OR WATER: 500´ VERTICALLY	
CONTROL AREAS	- FLIGHT VIS AND GROUND VIS WHEN REPORTED: NOT LESS THAN 3 MILES - DISTANCE FROM CLOUD: 1 MILE HORIZONTALLY AND 500´ VERTICALLY	
UNCONTROLLED AIRSPACE	1000 AGL OR ABOVE	- FLIGHT VIS: NOT LESS THAN 1 MILE DAY, 3 MILES NIGHT - DISTANCE FROM CLOUD: 2000´ HORIZONTALLY AND 500´ VERTICALLY
	BELOW 1000 AGL	- FLIGHT VIS: 2 MILES DAY (AEROPLANES), 1 MILE DAY (HELICOPTERS) (SEE NOTE), 3 MILES NIGHT - CLEAR OF CLOUD

NOTE: Aircraft may be operated below 1000 AGL in uncontrolled airspace during the day, in visibilities less than 2 miles for aeroplanes and 1 mile for helicopters, where they are authorized to do so in an air operator certificate, a private operator certificate or a flight training unit operator certificate - helicopter, as applicable.

SPECIAL VFR (Control zones only)

	Flight visibility and ground visibility when reported
All aircraft except rotorcraft	1 mile
Rotorcraft	1/2 mile

NOTES:

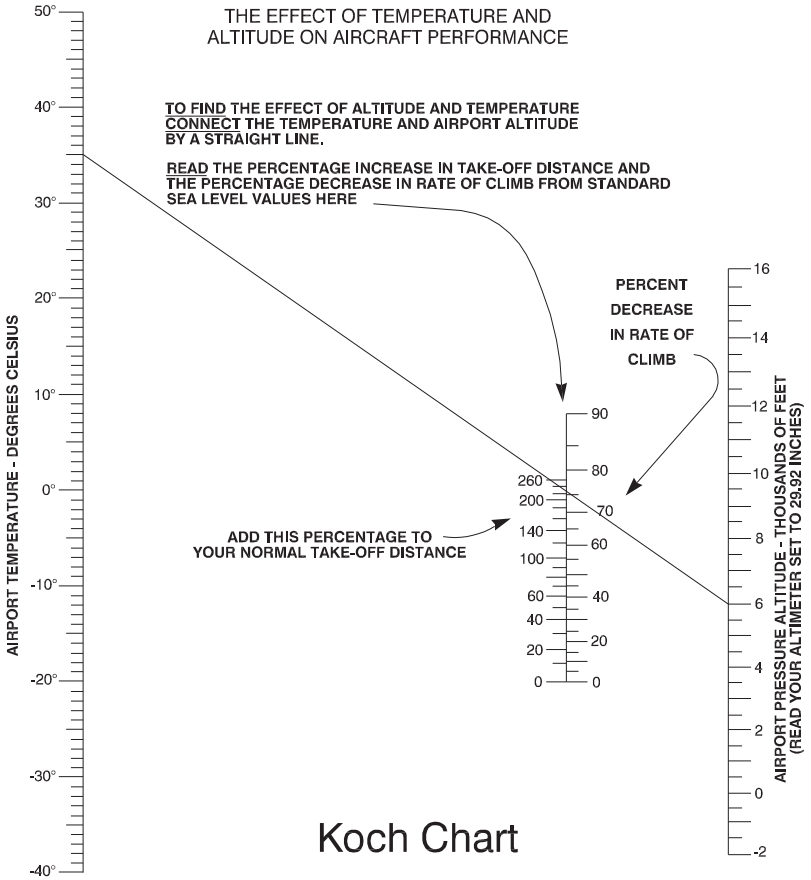
1. All aircraft including helicopters, must be equipped with a radio capable of communicating with the ATC unit and maintain a listening watch with the ATC unit.
2. Aircraft must operate clear of cloud and within sight of the ground at all times.
3. Helicopters should operate at such reduced airspeeds so as to give the pilot-in-command adequate opportunity to see other air traffic or obstructions in time to avoid a collision.
4. When the aircraft is not a helicopter and is being operated at night, ATC will only authorize special VFR where the authorization is for the purpose of allowing the aircraft to land at the destination aerodrome.

CHARACTERISTICS OF AIRSPACE – Cont'd

VFR FLIGHT PLANS / ITINERARIES

All persons intending to operate VFR within Canadian airspace must file a VFR flight plan or flight itinerary unless the flight will be conducted within 25NM of the departure aerodrome.

KOCH CHART



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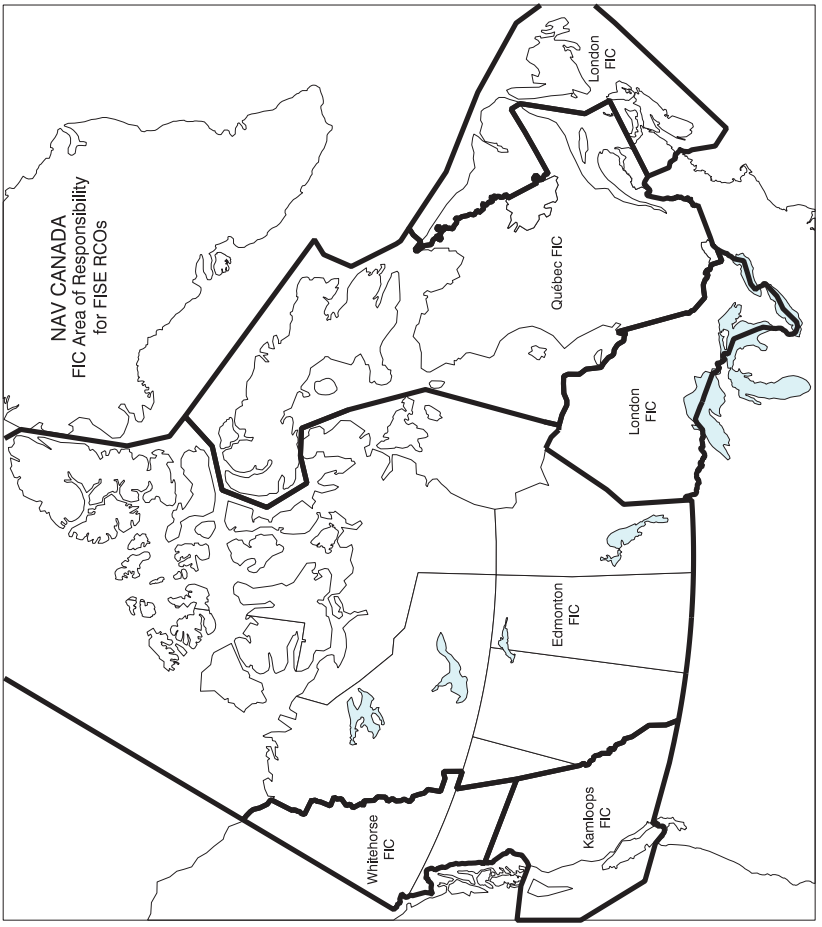
NAV CANADA FIC AREA OF RESPONSIBILITY FOR FISE RCOs

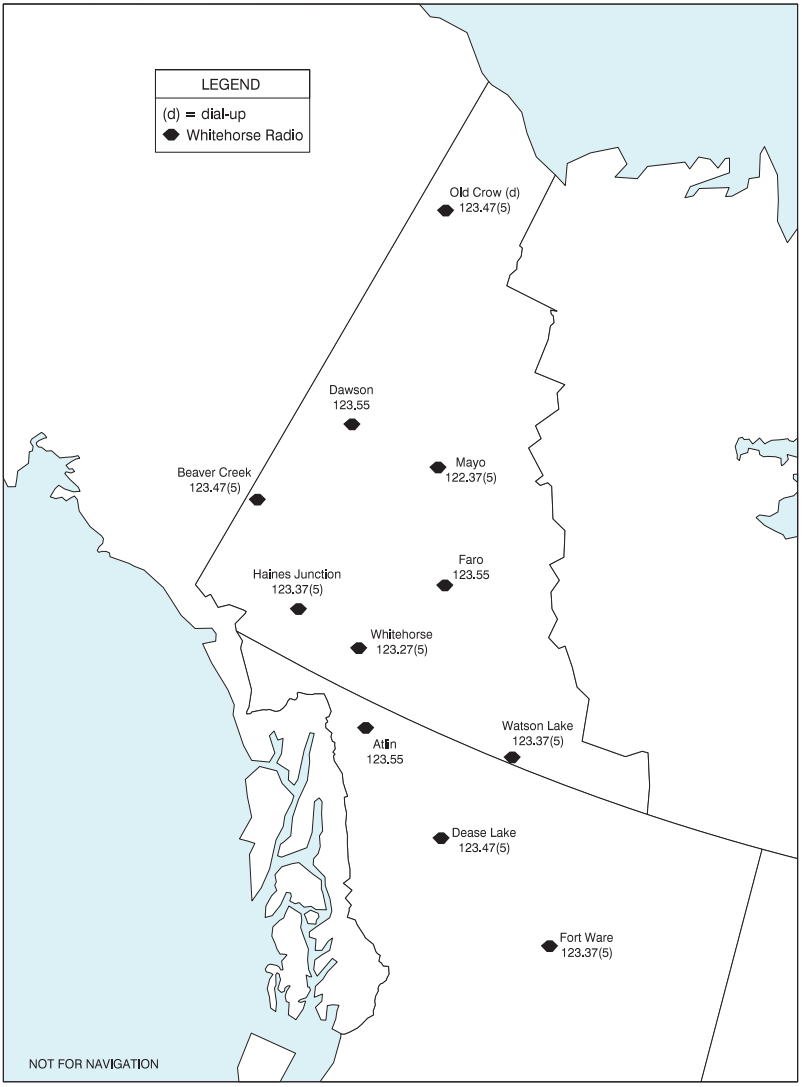


WHITEHORSE FIC FISE RCOs

(Call-Sign WHITEHORSE RADIO)

Atlin 123.55 (FISE) 126.7 (bcst) (N59 35 W133 43)
Beaver Creek 123.475 (FISE) 126.7 (bcst) (N62 03 W140 35)
Dawson 123.55 (FISE) 126.7 (bcst) (N63 52 W138 57)
Dease Lake 123.475 (FISE) 126.7 (bcst) (N58 26 W130 02)
Faro 123.55 (FISE) 126.7 (bcst) (N62 15 W133 19)
Fort Ware 123.375 (FISE) 126.7 (bcst) (N57 25 W125 38)
Haines Junction 123.375 (FISE) 126.7 (bcst) (N60 50 W137 30)
Mayo 122.375 (FISE) 126.7 (bcst) (N63 55 W135 23)
Old Crow 123.475 (FISE) 126.7 (bcst) DRCO (N67 34 W139 50)
Watson Lake 123.375 (FISE) 126.7 (bcst) (N60 05 W128 51)
Whitehorse 123.275 (FISE) 126.7 (bcst) (E) (N60 43 W135 04)

WHITEHORSE FIC FISE RCOs (Cont'd)
(Call-Sign WHITEHORSE RADIO)

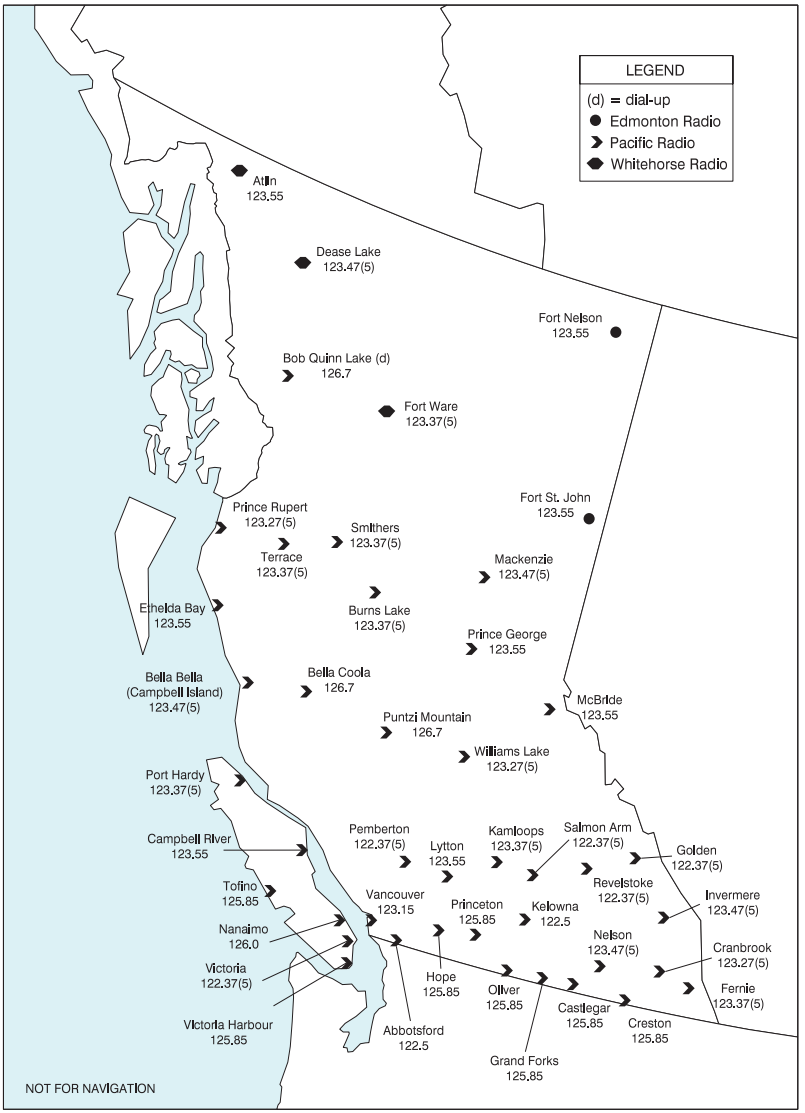


KAMLOOPS FIC FISE RCOs

(Call-Sign PACIFIC RADIO)

Abbotsford 122.5 (FISE) 126.7 (bcst) (N49 02 W122 22)
Bella Bella (Campbell Island) 123.475 (FISE) 126.7 (bcst) (N52 11 W128 09)
Bella Coola 126.7 (FISE) (N52 23 W126 35)
Bob Quinn Lake 126.7 (FISE) DRCO (N56 58 W130 14)
Burns Lake 123.375 (FISE) 126.7 (bcst) (N54 15 W125 43)
Campbell River 123.55 (FISE) 126.7 (bcst) (N49 57 W125 16)
Castlegar 125.85 (FISE) (N49 06 W117 51)
Cranbrook 123.275 (FISE) 126.7 (bcst) (N49 37 W115 47)
Creston 125.85 (FISE) 126.7 (bcst) (N49 02 W116 29)
Ethelda Bay 123.55 (FISE) 126.7 (bcst) (N53 05 W129 40)
Fernie 123.375 (FISE) (N49 27 W114 59)
Golden 122.375 (FISE) 126.7 (bcst) (N51 18 W116 59)
Grand Forks 125.85 (FISE) 126.7 (bcst) (N49 05 W118 37)
Hope 125.85 (FISE) 126.7 (bcst) (N49 23 W121 25)
Invermere 123.475 (FISE) RCO 126.7 (bcst) (N50 29 W115 57)
Kamloops 123.375 (FISE) 126.7 (bcst) (N50 42 W120 27)
Kelowna 122.5 (FISE) 126.7 (bcst) (N49 56 W119 22)
Lytton 123.55 (FISE) 126.7 (bcst) (N50 15 W121 35)
Mackenzie 123.475 (FISE) 126.7 (bcst) (N55 02 W122 54)
McBride 123.55 (FISE) 126.7 (bcst) (N53 18 W120 10)
Nanaimo 126.0 (FISE) (N49 03 W123 52)
Nelson 123.475 (FISE) 126.7 (bcst) (N49 29 W117 17)
Oliver 125.85 (FISE) 126.7 (bcst) (N49 03 W119 31)
Pemberton 122.375 (FISE) 126.7 (bcst) (N50 18 W122 44)
Port Hardy 123.375 (FISE) 126.7 (bcst) (N50 41 W127 22)
Prince George 123.55 (FISE) 126.7 (bcst) (N53 53 W122 41)
Prince Rupert 123.275 (FISE) 126.7 (bcst) (N54 17 W130 27)
Princeton 125.85 (FISE) 126.7 (bcst) (N49 28 W120 30)
Puntzi Mountain 126.7 (FISE) (N52 10 W124 12)
Revelstoke 122.375 (FISE) 126.7 (bcst) (N50 58 W118 11)
Salmon Arm 122.375 (FISE) 126.7 (bcst) (N50 39 W119 29)
Smithers 123.375 (FISE) (N54 49 W127 11)
Terrace 123.375 (FISE) 126.7 (bcst) (N54 28 W128 35)
Tofino 125.85 (FISE) 126.7 (bcst) (N49 05 W125 51)
Vancouver 123.15 (FISE) (N49 12 W123 11)
Victoria Harbour 125.85 (FISE) (N48 25 W123 23)
Victoria 122.375 (FISE) 126.7 (bcst) (N48 46 W123 31)
Williams Lake 123.275 (FISE) 126.7 (bcst) (N52 11 W122 03)

KAMLOOPS FIC FISE RCOs (Cont'd)
(Call-Sign PACIFIC RADIO)

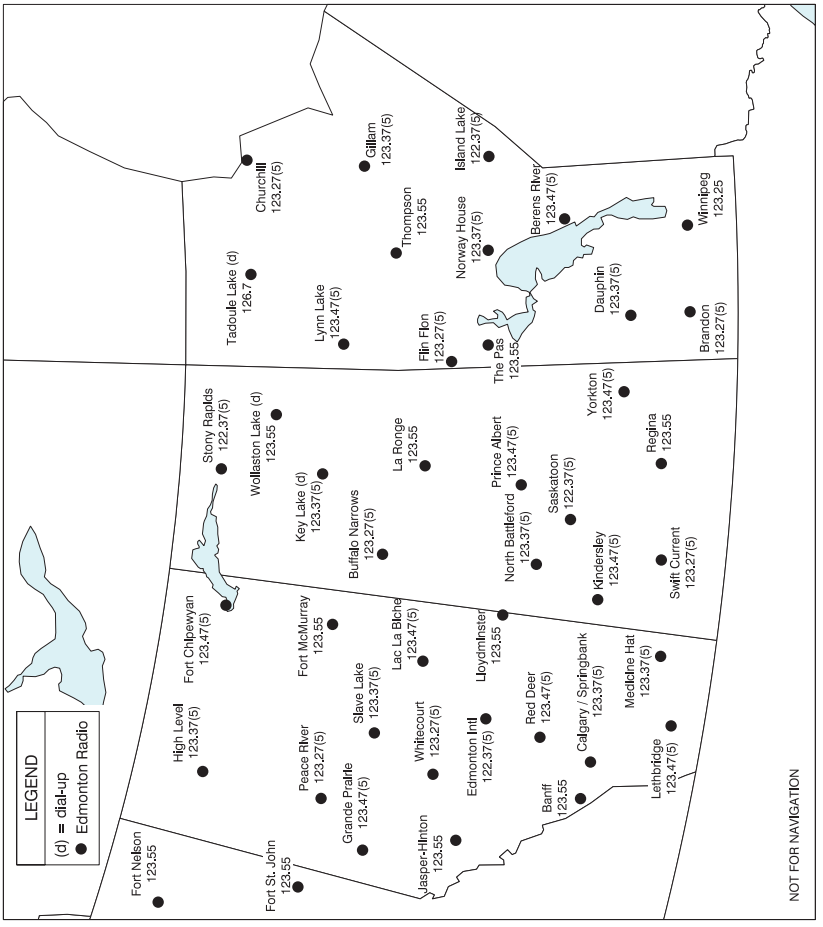


EDMONTON FIC FISE RCOs SOUTH OF 60°N

(Call-Sign EDMONTON RADIO)

Banff 123.55 (FISE) 126.7 (bcst) (N51 09 W115 35)
Berens River 123.475 (FISE) 126.7 (bcst) (N52 21 W97 02)
Brandon 123.275 (FISE) 126.7 (bcst) (N49 54 W99 57)
Buffalo Narrows 123.275 (FISE) 126.7 (bcst) (N55 51 W108 29)
Churchill 123.275 (FISE) 126.7 (bcst) (N58 46 W94 08)
Dauphin 123.375 (FISE) 126.7 (bcst) (N51 06 W100 04)
Edmonton 122.375 (FISE) 126.7 (bcst) (E) (N53 19 W113 35)
Flin Flon 123.275 (FISE) 126.7 (bcst) (N54 41 W101 41)
Fort Chipewyan 123.475 (FISE) 126.7 (bcst) (N58 46 W111 06)
Fort McMurray 123.55 (FISE) 126.7 (bcst) (N56 39 W111 14)
Fort Nelson 123.55 (FISE) 126.7 (bcst) (N58 49 W122 42)
Fort St. John 123.55 (FISE) 126.7 (bcst) (N56 14 W120 44)
Gillam 123.375 (FISE) 126.7 (bcst) (N56 21 W94 42)
Grande Prairie 123.475 (FISE) 126.7 (bcst) (N55 11 W118 52)
High Level 123.375 (FISE) 126.7 (bcst) (N58 39 W117 29)
Island Lake 122.375 (FISE) 126.7 (bcst) (N53 51 W94 39)
Jasper-Hinton 123.55 (FISE) 126.7 (bcst) (N53 25 W117 47)
Key Lake 123.375 (FISE) 126.7 (bcst) DRCO (N57 10 W105 50)
Kindersley 123.475 (FISE) 126.7 (bcst) (N51 28 W109 11)
Lac La Biche 123.475 (FISE) 126.7 (bcst) (N54 46 W112 01)
La Ronge 123.55 (FISE) 126.7 (bcst) (N55 09 W105 16)
Lethbridge 123.475 (FISE) 126.7 (bcst) (N49 38 W112 48)
Lloydminster 123.55 (FISE) 126.7 (bcst) (N53 19 W110 05)
Lynn Lake 123.475 (FISE) 126.7 (bcst) (N56 52 W101 06)
Medicine Hat 123.375 (FISE) 126.7 (bcst) (N50 01 W110 43)
North Battleford 123.375 (FISE) 126.7 (bcst) (N52 46 W108 15)
Norway House 123.375 (FISE) 126.7 (bcst) (N53 57 W97 51)
Peace River 123.275 (FISE) 126.7 (bcst) (N56 14 W117 27)
Prince Albert 123.475 (FISE) 126.7 (bcst) (N53 13 W105 41)
Red Deer 123.475 (FISE) 126.7 (bcst) (N52 11 W113 53)
Regina 123.55 (FISE) 126.7 (bcst) (N50 26 W104 40)
Saskatoon 122.375 (FISE) 126.7 (bcst) (N52 11 W106 41)
Slave Lake 123.375 (FISE) 126.7 (bcst) (N55 28 W114 47)
Springbank 123.375 (FISE) 126.7 (bcst) (N51 06 W114 22)
Stony Rapids 122.375 (FISE) 126.7 (bcst) (N59 11 W105 55)
Swift Current 123.275 (FISE) 351.3 (FISE) 126.7 (bcst) (N50 17 W107 41)
Tadoule Lake 126.7 (FISE) DRCO (N58 42 W98 30)
The Pas 123.55 (FISE) 126.7 (bcst) (N53 58 W101 05)
Thompson 123.55 (FISE) 126.7 (bcst) (N55 48 W97 51)
Whitecourt 123.275 (FISE) 126.7 (bcst) (N54 09 W115 47)
Winnipeg 123.25 (FISE) 126.7 (bcst) (N49 55 W97 14)
Wollaston Lake 123.55 (FISE) DRCO (N58 10 W103 45)
Yorkton 123.475 (FISE) 126.7 (bcst) (N51 15 W102 27)

EDMONTON FIC FISE RCOs SOUTH OF 60°N (Cont'd)
(Call-Sign EDMONTON RADIO)



EDMONTON FIC FISE RCOs NORTH OF 60°N

(Call-Sign EDMONTON RADIO)

Baker Lake 122.375 (FISE) 5680 (FISE) 126.7 (bcst) (N64 18 W96 04)
Cambridge Bay 123.25 (FISE) 126.7 (bcst) (N69 07 00 W105 04 40)
Coral Harbour 123.275 (FISE) 126.7 (bcst) (N64 09 W83 18)
Ekati 123.275 (FISE) 126.7 (bcst) (N64 43 W110 37)
Fort Good Hope 123.55 (FISE) 126.7 (bcst) (N66 14 W128 39)
Fort Simpson 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U) (N61 47 W121 16)
Fort Smith 123.55 (FISE) 239.8 (FISE) (U) (N60 01 W111 57)
Hay River 123.275 (FISE) 126.7 (bcst) (U) (N60 50 W115 47)
Inuvik 123.375 (FISE) 5680 (FISE) 126.7 (bcst) (N68 19 W133 29)
Kugluktuk (Coppermine) 123.15 (FISE) 126.7 (bcst) (N67 49 17 W115 05 33)
Norman Wells 123.275 (FISE) 126.7 (bcst) (N65 15 W126 41)
Rankin Inlet 123.55 (FISE) 126.7 (bcst) (N62 48 W92 07)
Resolute Bay 126.7 (FISE) 5680 (FISE) (N74 44 W94 59)
Sachs Harbour 123.55 (FISE) 126.7 (bcst) (N71 59 31 W125 14 28)
Sanirajak 123.275 (FISE) 126.7 (bcst) (N68 46 00 W81 13 26)
Taloyoak 123.55 (FISE) 126.7 (bcst) (N69 32 23 W093 31 30)
Ulukhaktok 123.475 (FISE) 126.7 (bcst) (N70 45 34 W117 48 26)
Yellowknife 123.375 (FISE) 5680 (FISE) 262.0 (FISE) 126.7 (bcst) (N62 28 W114 26)

EDMONTON FIC FISE RCOs NORTH OF 60°N (Cont'd)
(Call-Sign EDMONTON RADIO)

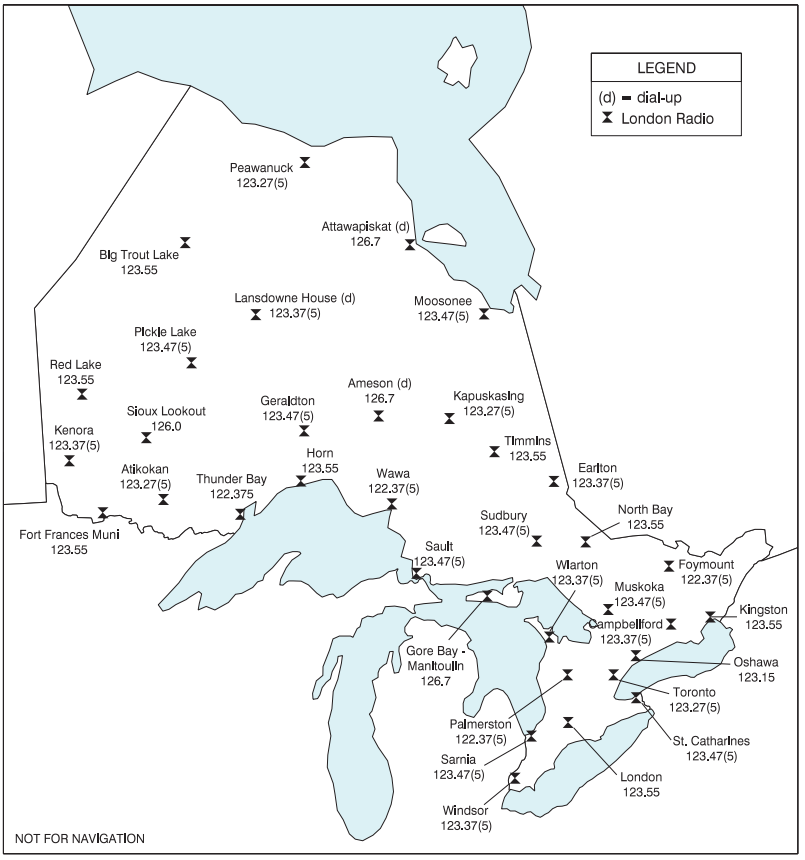
LONDON FIC FISE RCOs - ONTARIO

(Call-Sign LONDON RADIO)

(emerg only 519-452-4049)

Ameson 126.7 (FISE) DRCO (N49 47 W84 36)
Atikokan 123.275 (FISE) 126.7 (bcst) (N48 50 W91 35)
Attawapiskat 126.7 (FISE) DRCO (N52 56 W82 25)
Big Trout Lake 123.55 (FISE) 126.7 (bcst) (N53 49 W89 55)
Campbellford 123.375 (FISE) 126.7 (bcst) (N44 20 W77 42)
Earlton 123.375 (FISE) (N47 42 W79 51)
Fort Frances Muni 123.55 (FISE) 126.7 (bcst) (N48 39 W93 26)
Foymount 122.375 (FISE) 126.7 (bcst) (N45 26 W77 18)
Geraldton 123.475 (FISE) 126.7 (bcst) (N49 46 W86 59)
Gore Bay-Manitoulin 126.7 (FISE) (N45 53 W82 34)
Horn 123.55 (FISE) (N48 49 W87 21)
Kapuskasing 123.275 (FISE) 126.7 (bcst) (N49 25 W82 28)
Kenora 123.375 (FISE) 126.7 (bcst) (N49 47 W94 22)
Kingston 123.55 (FISE) 126.7 (bcst) (N44 14 W76 36)
Lansdowne House 123.375 (FISE) 126.7 (bcst) DRCO (N52 12 W87 56)
London 123.55 (FISE) 126.7 (bcst) (E) (N43 02 W81 09)
Moosonee 123.475 (FISE) 126.7 (bcst) (N51 17 W80 36)
Muskoka 123.475 (FISE) 126.7 (bcst) (N44 58 W79 18)
North Bay 123.55 (FISE) 126.7 (bcst) (N46 22 W79 25)
Oshawa 123.15 (FISE) (N43 55 W78 54)
Palmerston 122.375 (FISE) 126.7 (bcst) (N43 55 W80 52)
Peawanuck 123.275 (FISE) 126.7 (bcst) (N54 59 W85 26)
Pickle Lake 123.475 (FISE) 126.7 (bcst) (N51 27 W90 13)
Red Lake 123.55 (FISE) 126.7 (bcst) (N51 04 W93 48)
St. Catharines 123.475 (FISE) 126.7 (bcst) (N43 11 W79 10)
Sarnia 123.475 (FISE) (N43 00 W82 18)
Sault 123.475 (FISE) 126.7 (bcst) (N46 29 W84 31)
Sioux Lookout 126.0 (FISE) 126.7 (bcst) (N50 06 W91 54)
Sudbury 123.475 (FISE) 126.7(bcst) (N46 38 W80 48)
Thunder Bay 122.375 (FISE) 126.7 (bcst) (N48 22 W89 19)
Timmins 123.55 (FISE) 126.7 (bcst) (N48 34 W81 23)
Toronto 123.275 (FISE) (N43 42 W79 37)
Wawa 122.375 (FISE) 126.7 (bcst) (N47 58 W84 47)
Wiarton 123.375 (FISE) 126.7 (bcst) (N44 45 W81 06)
Windsor 123.375 (FISE) 126.7(bcst) (N42 17 W82 57)

LONDON FIC FISE RCOs - ONTARIO (Cont'd)
(Call-Sign LONDON RADIO)



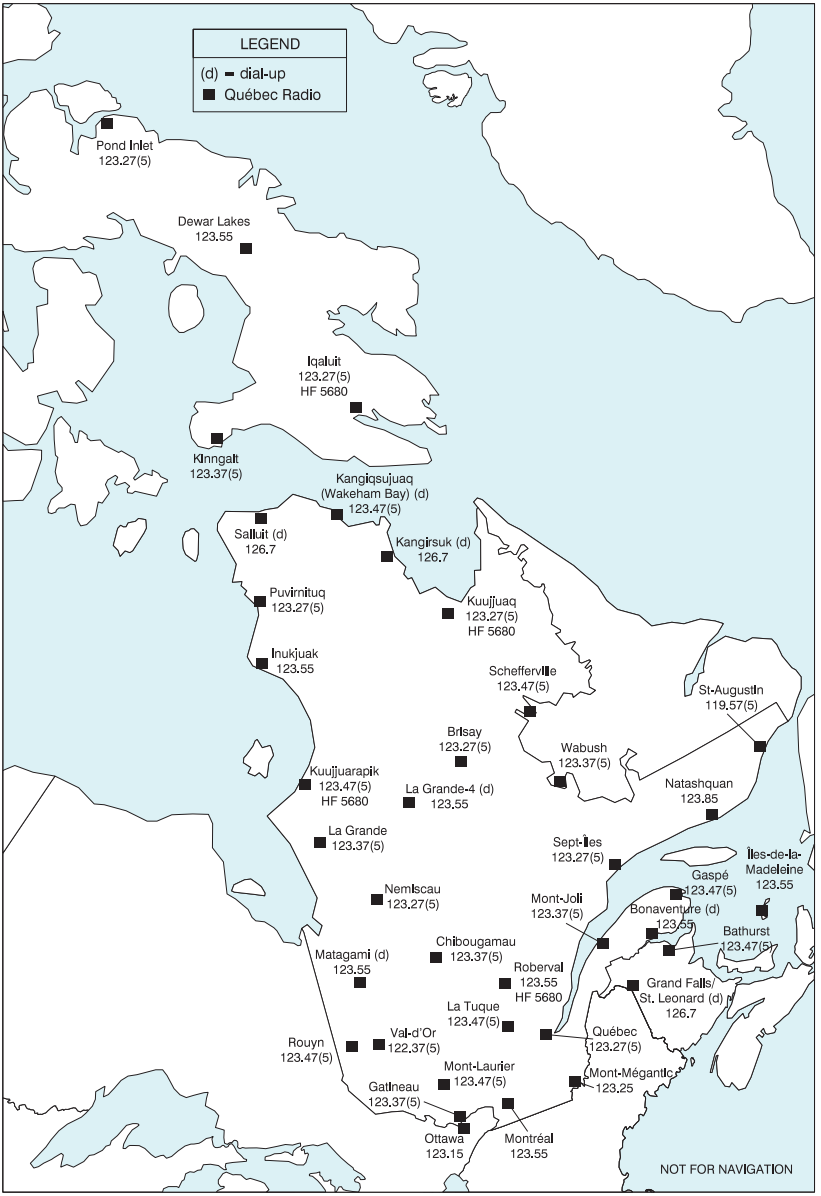
QUÉBEC FIC FISE RCOs

(Call-Sign QUÉBEC RADIO)

(emerg only 418-871-7464)

Bathurst 123.475 (FISE) 126.7 (bcst) RCO (N47 37 W65 44)
Bonaventure 123.55 (FISE) DRCO (N48 08 W66 07)
Brisay 123.275 (FISE) 126.7 (bcst) RCO (N54 23 W70 35)
Charlo (U) (N47 59 W66 20)
Chibougamau 123.375 (FISE) 126.7 (bcst) (N49 47 W74 32)
Dewar Lakes 123.55 (FISE) 126.7 (bcst) (N68 39 W71 14)
Gaspé 123.475 (FISE) 126.7 (bcst) (N48 47 W64 29)
Gatineau 123.375 (FISE) (N45 31 W75 34)
Grand Falls/St. Leonard 126.7 (FISE) DRCO (N47 05 W67 46)
Îles-de-la-Madeleine 123.55 (FISE) 126.7 (bcst) (N47 22 W61 54)
Inukjuak 123.55 (FISE) 126.7 (bcst) (N58 27 W78 07)
Iqaluit 123.275 (FISE) 5680 (FISE) 126.7 (bcst) (N63 45 W68 33)
Kangiqsujuaq (Wakeham Bay) 123.475 (FISE) 126.7 (bcst) DRCO (N61 35 W71 56)
Kangirsuk 126.7 (FISE) DRCO (N60 01 W70 00)
Kinngait 123.375 (FISE) 126.7 (bcst) (N64 14 W76 32)
Kuujjuaq 123.275 (FISE) 126.7 (bcst) 5680 (N58 06 W68 26)
Kuujjuarapik 123.475 5680 (FISE) 126.7 (bcst) (N55 17 W77 46)
La Grande 123.375 (FISE) 126.7 (bcst) (N53 38 W77 42)
La Grande-4 123.55 (FISE) 126.7 (bcst) DRCO (N53 52 W73 25)
La Tuque 123.475 (FISE) 126.7 (bcst) (N47 25 W72 46)
Matagami 123.55 (FISE) 126.7 (bcst) DRCO (N49 46 W77 48)
Mont-Joli 123.375 (FISE) 126.7 (bcst) (N48 37 W68 12)
Mont-Laurier 123.475 (FISE) (N46 32 W75 49)
Mont-Mégantic 123.25 (FISE) RCO 126.7 (bcst) (N45 27 W71 07)
Montréal 123.55 (FISE) 126.7 (bcst) (N45 29 W73 46)
Natashquan 123.85 (FISE) 126.7 (bcst) (N50 11 W61 49)
Nemiscau 123.275 (FISE) 126.7 (bcst) (N51 44 W76 06)
Ottawa 123.15 (FISE) 126.7 (bcst) (N45 19 W75 40)
Pond Inlet 123.275 (FISE) 126.7 (bcst) (N72 42 W77 57)
Puvirnituq 123.275 (FISE) 126.7 (bcst) RCO (N60 03 W77 17)
Québec 123.275 (FISE) 126.7 (bcst) (N46 47 W71 23)
Roberval 123.55 5680 (FISE) 126.7 (bcst) (N48 31 W72 16)
Rouyn 123.475 (FISE) 126.7 (bcst) (N48 12 W78 50)
St-Augustin 119.575 (FISE) 126.7 (bcst) (N51 13 W58 40)
Salluit 126.7 (FISE) DRCO (N62 11 W75 40)
Schefferville 123.475 (FISE) 126.7 (bcst) (N54 49 W66 46)
Sept-Îles 123.275 (FISE) 126.7 (bcst) (N50 13 W66 16)
Val-d'Or 122.375 (FISE) 126.7 (bcst) (N48 03 W77 47)
Wabush 123.375 (FISE) 126.7 (bcst) (N52 55 W66 52)

QUÉBEC FIC FISE RCOs (Cont'd)
(Call-Sign QUÉBEC RADIO)

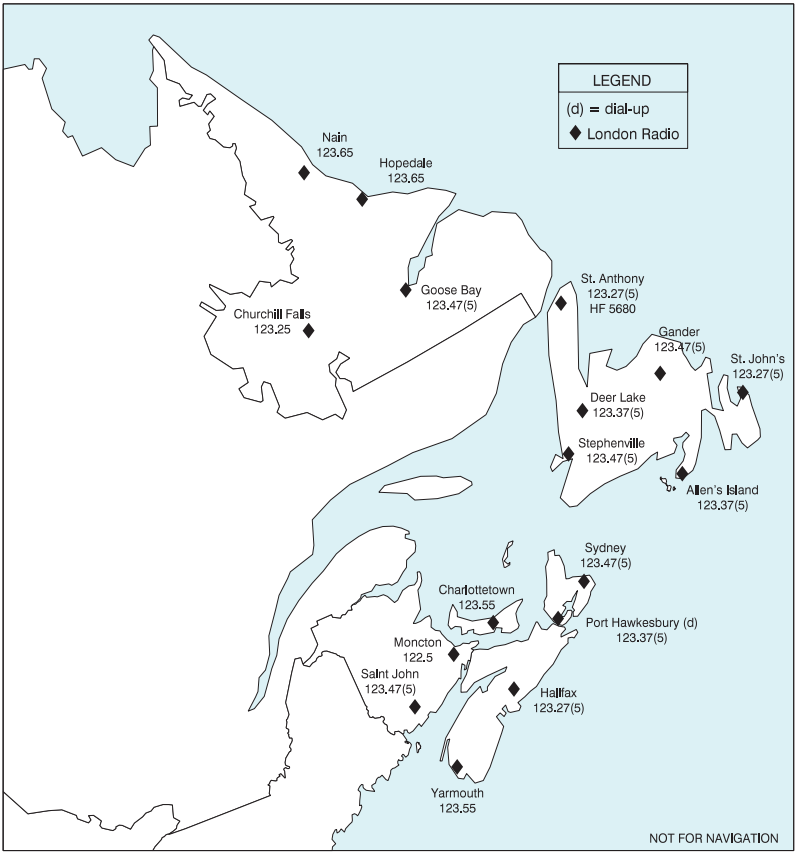


LONDON FIC FISE RCOs - ATLANTIC REGION

(Call-Sign LONDON RADIO)

(emerg only 519-452-4049)
Allen's Island 123.375 (FISE) 126.7 (bcst) (N46 51 W55 48)
Charlottetown 123.55 (FISE) 126.7 (bcst) (N46 18 W63 09)
Churchill Falls 123.25 (FISE) 126.7 (bcst) (N53 35 W64 12)
Deer Lake 123.375 (FISE) 126.7 (bcst) (N49 13 W57 24)
Gander 123.475 (FISE) 126.7 (bcst) (N48 58 W54 36)
Goose Bay 123.475 (FISE) 126.7 (bcst) (N53 20 W60 25)
Halifax 123.275 (FISE) 126.7 (bcst) (N44 52 W63 30)
Hopedale 123.65 (FISE) 126.7 (bcst) (N55 28 W60 13)
Moncton 122.5 (FISE) 126.7 (bcst) (N46 06 W64 39)
Nain 123.65 (FISE) (N56 32 W61 41)
Port Hawkesbury 123.375 (FISE) 126.7 (bcst) DRCO (N45 39 W61 23)
Saint John 123.475 (FISE) 126.7 (bcst) (N45 28 W66 24)
St. Anthony 123.275 & 5680 (FISE) 126.7 (bcst) (N51 23 W56 05)
St. John's 123.275 (FISE) 126.7 (bcst) (N47 37 W52 45)
Stephenville 123.475 (FISE) 126.7 (bcst) (N48 33 W58 34)
Sydney 123.475 (FISE) 126.7 (bcst) (N46 09 W60 03)
Yarmouth 123.55 (FISE) RCO (N43 55 W66 06)

LONDON FIC FISE RCOs - ATLANTIC REGION (Cont'd)
(Call-Sign LONDON RADIO)



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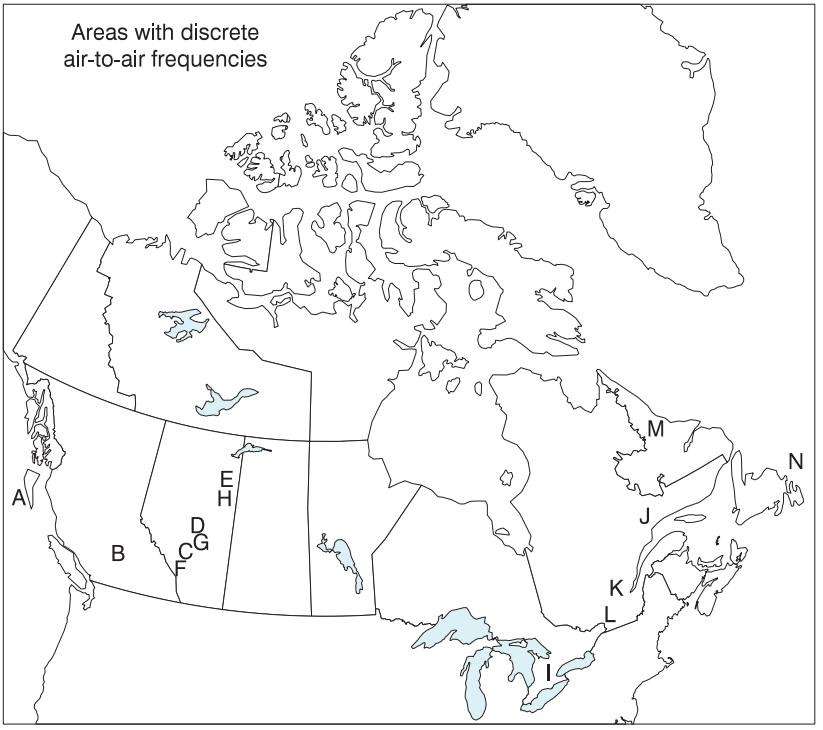


LEGEND

British Columbia

A - Special Radio Procedures in the Vicinity of the Haida Gwaii (Queen Charlotte Islands)

B - VFR Common Air-to-Air Traffic Frequency for Fraser River Corridor

Alberta

C - Cremona Common Frequency Area

D - Edmonton City ATF Common Frequency Area

E - North Oil Sands ATF Area

F - Pigeon Common Frequency Area

G - Red Deer Common Frequency Area

H - South Oil Sands ATF Area

Ontario

I - Toronto Common Frequency Areas and VFR Transit Routes

Quebec

J - ATF Corridor Sept-Îles to Lourdes-de-Blanc Sablon

K - Mauricie Common Frequency Area

L - Montreal Common Frequency Area

Newfoundland and Labrador

M - ATF Corridor Nain to Mary's Harbour

N - Offshore Air Traffic Activity East of St. John's NL, FL55 and below

BRITISH COLUMBIA – SPECIAL RADIO PROCEDURES IN THE VICINITY OF THE HAIDA GWAII (QUEEN CHARLOTTE ISLANDS)

Due to the special conditions under which air traffic operate within the area of the Haida Gwaii (Queen Charlotte Islands), BC, the following special radio procedures have been established:

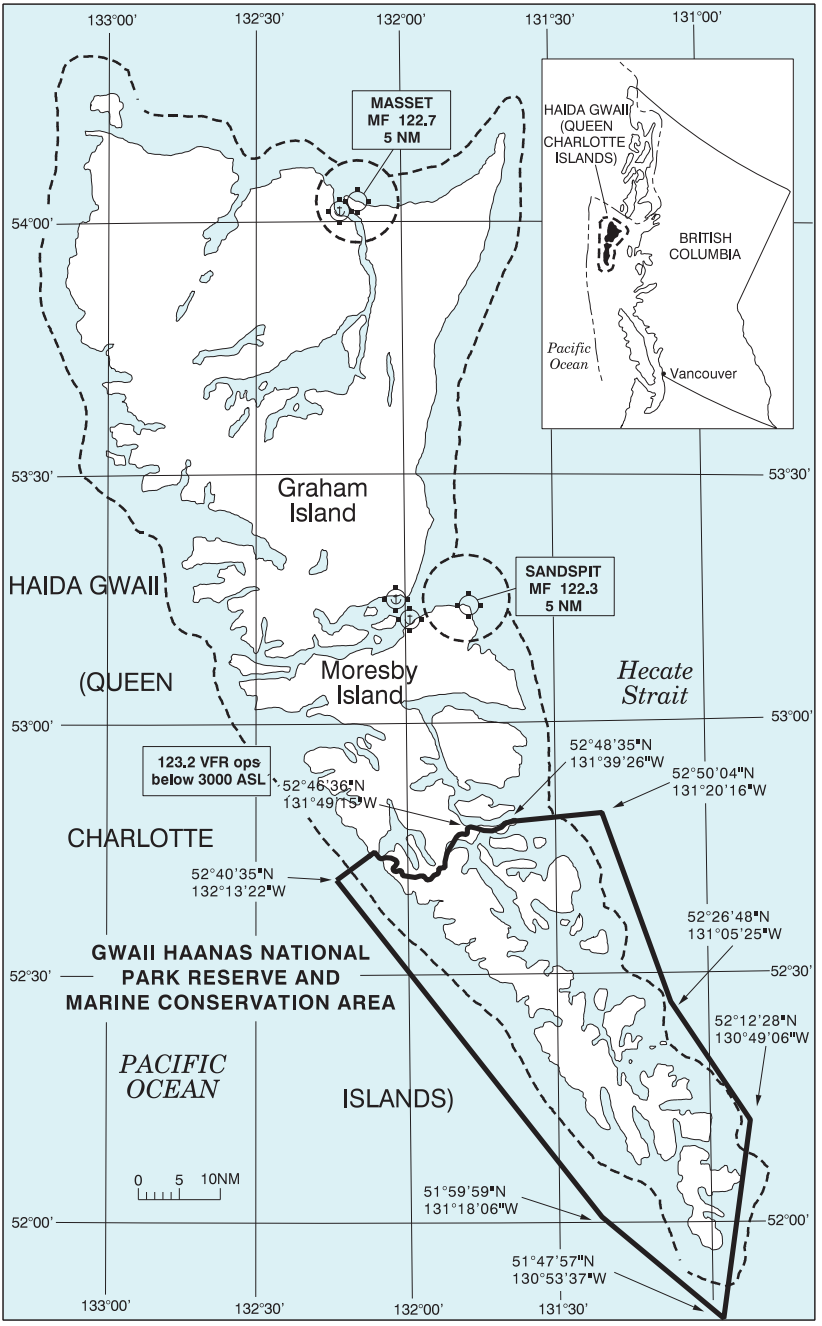
123.2 - Below 3000 ASL while over or within 3 miles of the Haida Gwaii (Queen Charlotte Islands), unless an ATF frequency is already published in the CFS/CWAS.

126.7 - Enroute traffic 3000 ASL or above.

122.3 - Within the Sandspit (CYZP) MF.

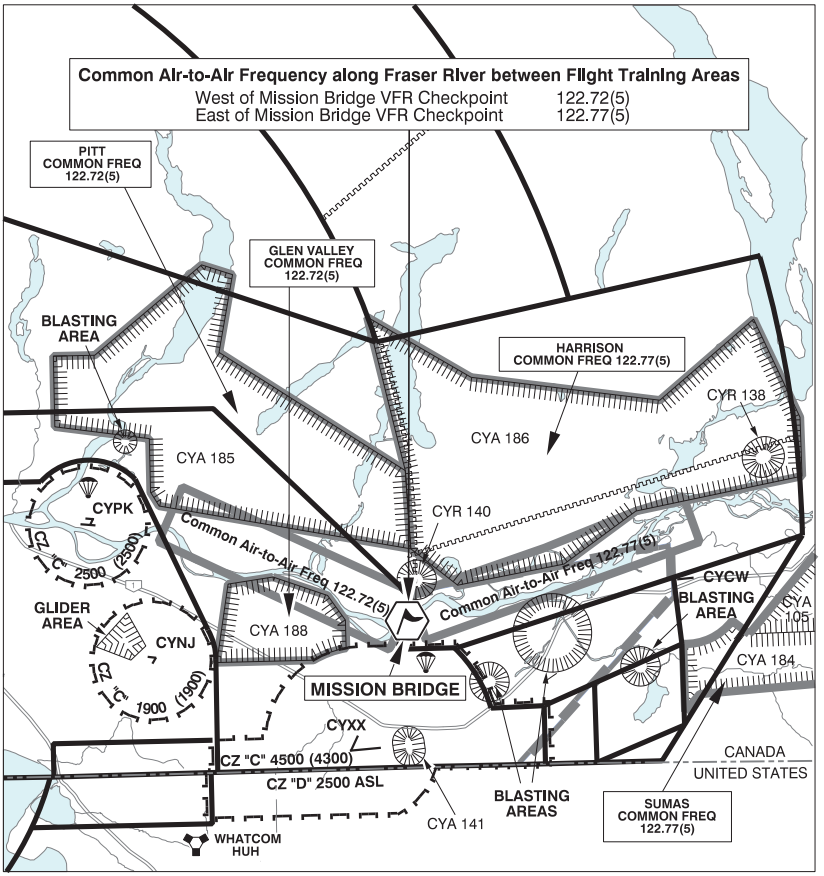
Pilots are reminded to follow the Aerodrome Traffic Frequency (ATF) procedures described in the TC AIM.

BRITISH COLUMBIA – SPECIAL RADIO PROCEDURES IN THE VICINITY OF THE HAIDA GWAII (QUEEN CHARLOTTE ISLANDS) (Cont'd)

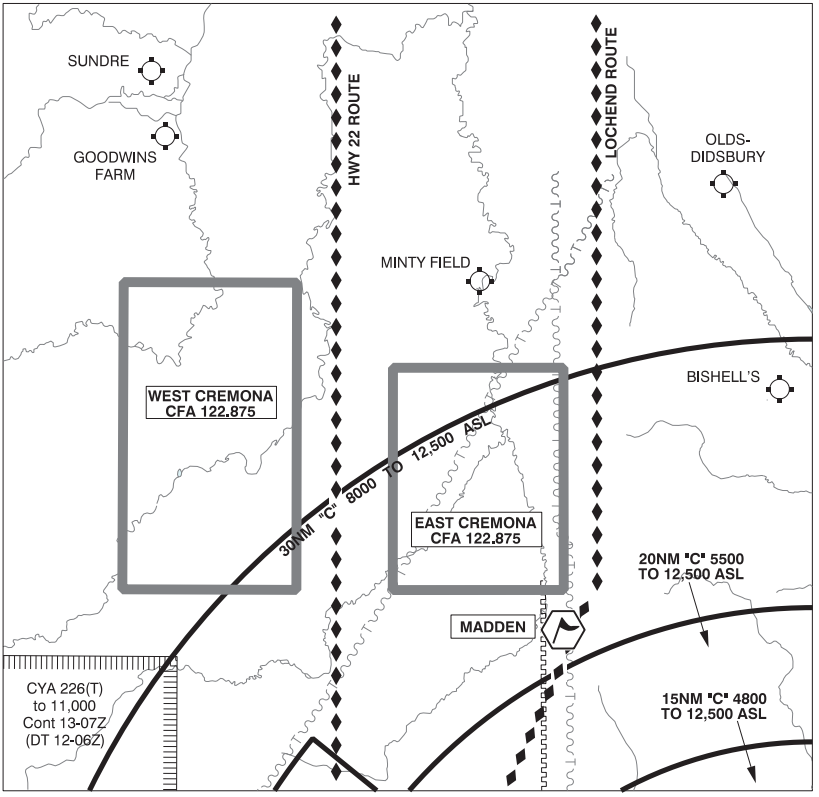


BRITISH COLUMBIA – VFR COMMON AIR-TO-AIR TRAFFIC FREQUENCY FOR FRASER RIVER CORRIDOR

Common air-to-air frequencies have been designated for use in the CYA flight-training areas that border the Fraser River (see backside of Vancouver VTA). To ensure pilots who fly along the Fraser River corridor and between the flight training CYAs can communicate to maintain situational awareness and avoid conflicts, the common air-to-air flight training frequencies have been designated for use along the corridor.



ALBERTA - CREMONA COMMON FREQUENCY AREA

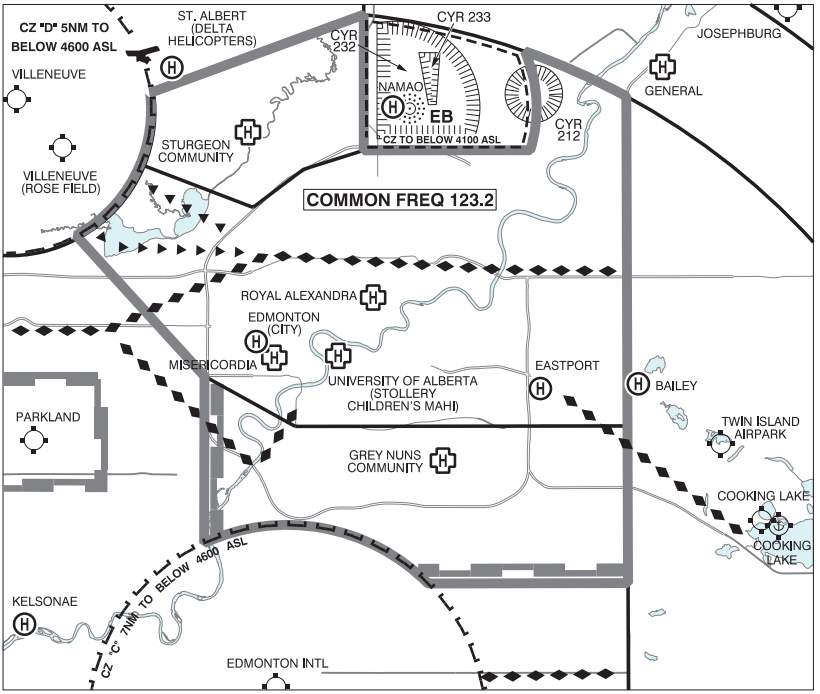


Pilots are encouraged to use the designated common frequency when operating below Class C airspace within the designated areas. Radio transmissions on a common frequency should be the minimum required to provide the aircraft's position and pilot's intentions. Example transmission:

"CREMONA AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE FOUR MILES NORTHWEST OF CREMONA, CONDUCTING FLIGHT TRAINING AT 7000 FEET "

Using a common frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome traffic frequency (ATF), en-route frequency, or any other appropriate frequency.

ALBERTA - EDMONTON CITY ATF COMMON FREQUENCY AREA

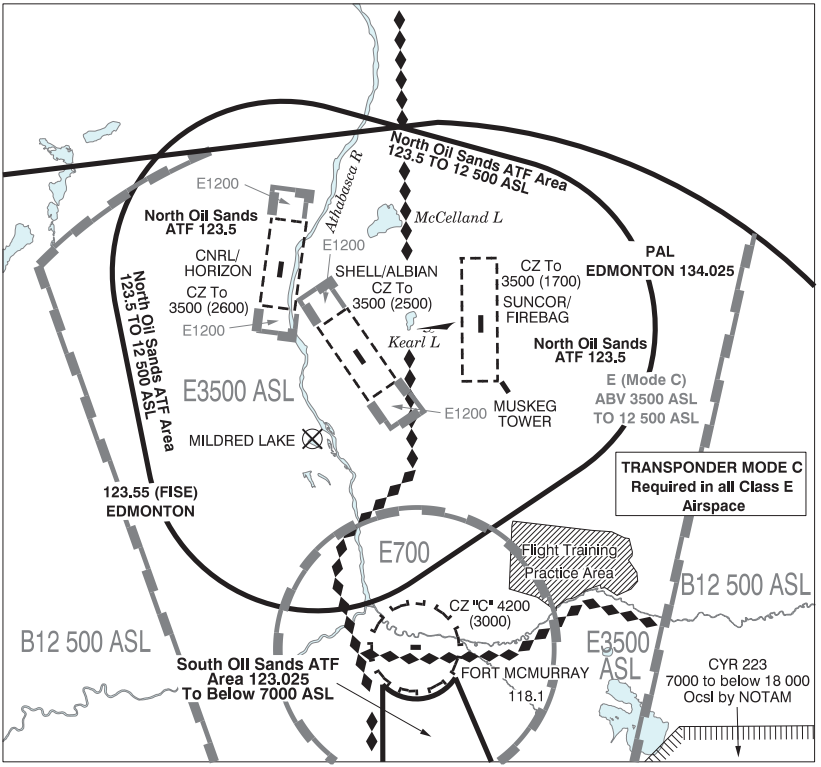


Pilots are encouraged to use the designated common frequency when operating below Class C airspace within the designated area. Radio transmissions on a common frequency should be the minimum required to provide the aircraft's position and pilot's intentions. Example transmission:

“EDMONTON AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE TWO MILES WEST OF THE CEMENT PLANT, CONDUCTING A CITY TOUR AT 4000 FEET”

Using a common frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome traffic frequency (ATF), or any other appropriate frequency.

ALBERTA - NORTH OIL SANDS ATF AREA



Due to the special conditions under which air traffic operates within the North Oil Sands area in north-eastern Alberta, the following special radio procedures have been established:

ATF Pilot-to-Pilot

123.5 - North Oil Sands air traffic frequency: All pilots, prior to entering and while operating below 12,500 ft ASL while within the area joining a 20 NM radius centred on the Fort Mackay/Horizon, Fort Mackay/Firebag aerodromes and abandoned aerodrome at Mildred Lake (570320N 1113426W), should broadcast their intentions and monitor and broadcast on the North Oil Sands air traffic frequency. This frequency is intended for pilot-to-pilot communications to aid in maintaining situational awareness with respect to other aircraft operating in the area. Pilots are reminded to follow the Aerodrome Traffic Frequency (ATF) procedures described in the TC AIM.

ALBERTA - NORTH OIL SANDS ATF AREA (Cont'd)

UNICOM / ATF

123.3 - Albian UNICOM: All pilots arriving at, or departing from the Fort Mackay/Albian aerodrome must contact Albian UNICOM for company messages, local traffic and weather information.

122.8 - Firebag UNICOM: All pilots arriving at, or departing from the Fort Mackay/Firebag aerodrome must contact Firebag UNICOM for company messages, local traffic and weather information.

122.7 - Horizon UNICOM: All pilots arriving at, or departing from the Fort Mackay/Horizon aerodrome must contact Horizon UNICOM for company messages, local traffic and weather information.

123.2 - Muskeg Tower ATF: All pilots arriving at, or departing from the Muskeg Tower aerodrome should contact Muskeg Tower ATF for company messages.

123.2 - Birch Mountain ATF: All pilots arriving at, or departing from the Birch Mountain aerodrome should contact Birch Mountain ATF for company messages.

It is recommended that pilots complete any necessary company-related communications on the appropriate aerodrome frequency prior to entering the North Oil Sands ATF Area on arrival, and prior to ground manoeuvring for departure.

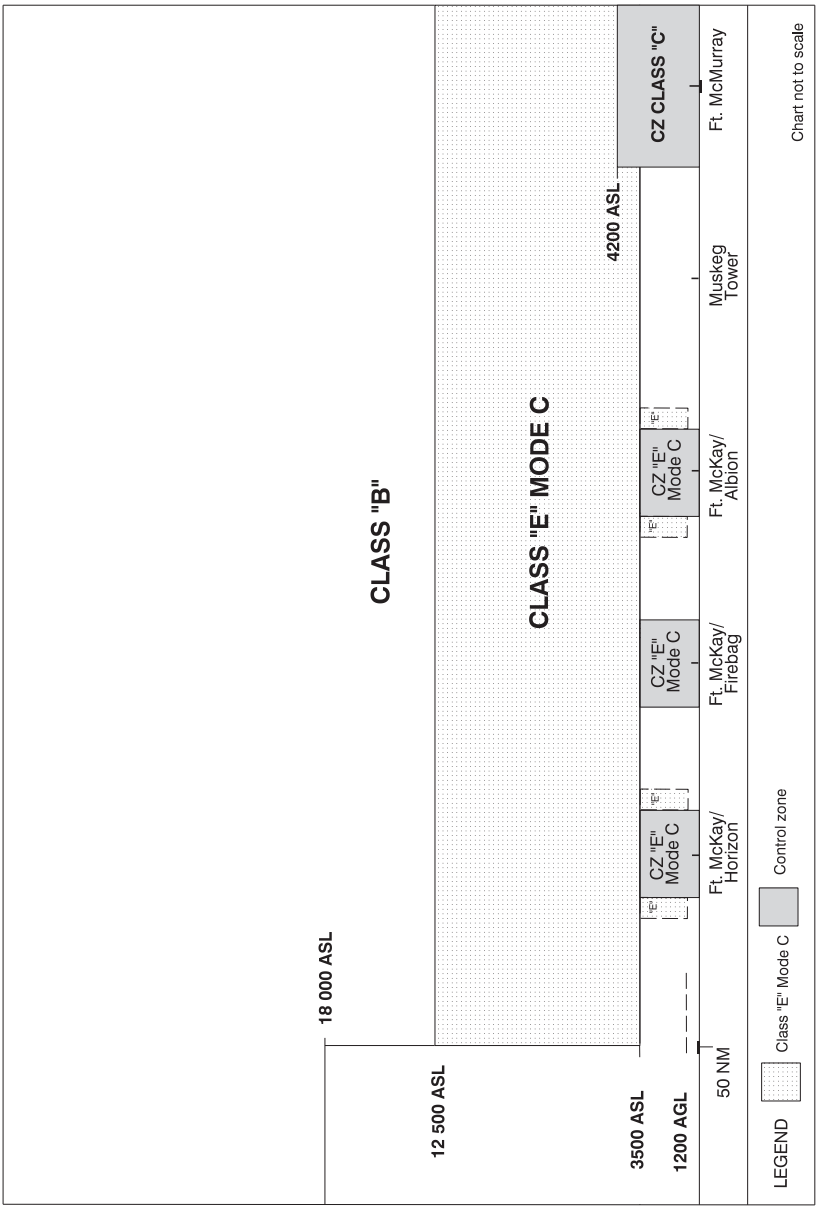
FISE

123.55 - Fort McMurray RCO: All pilots operating in the vicinity of Fort McMurray and requesting enroute flight information service should contact Edmonton FIC on the Fort McMurray FISE frequency.

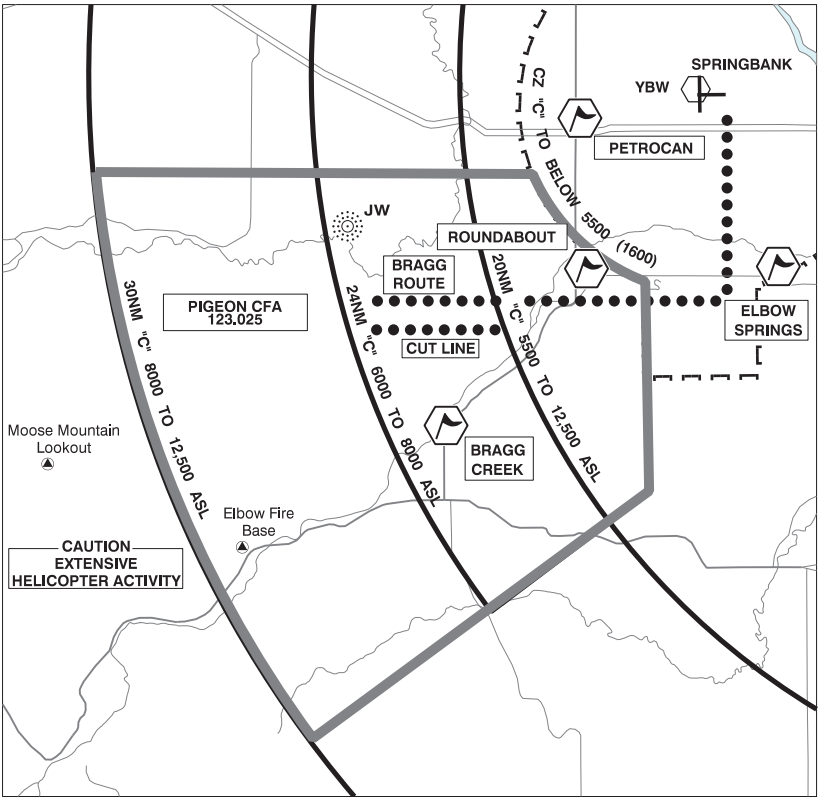
ATC

134.025 - Oil Sands PAL: To be used by aircraft operating in accordance with IFR to report their arrival and to request their IFR clearances prior to departure. Aircraft operating in accordance with IFR within controlled airspace shall use the Fort McMurray PAL frequency for ATC communications for en route and Fort McMurray arrivals and departures.

ALBERTA - NORTH OIL SANDS ATF AREA (Cont'd)



ALBERTA - PIGEON COMMON FREQUENCY AREA



When requesting a flight to the Pigeon CFA, specify whether Bragg Creek or the Pigeon NDB is the initial destination as it will affect your outbound route and method of conflict resolution.

Use caution in the Pigeon CFA as there is extensive helicopter activity 6000 feet and below (Class C airspace).

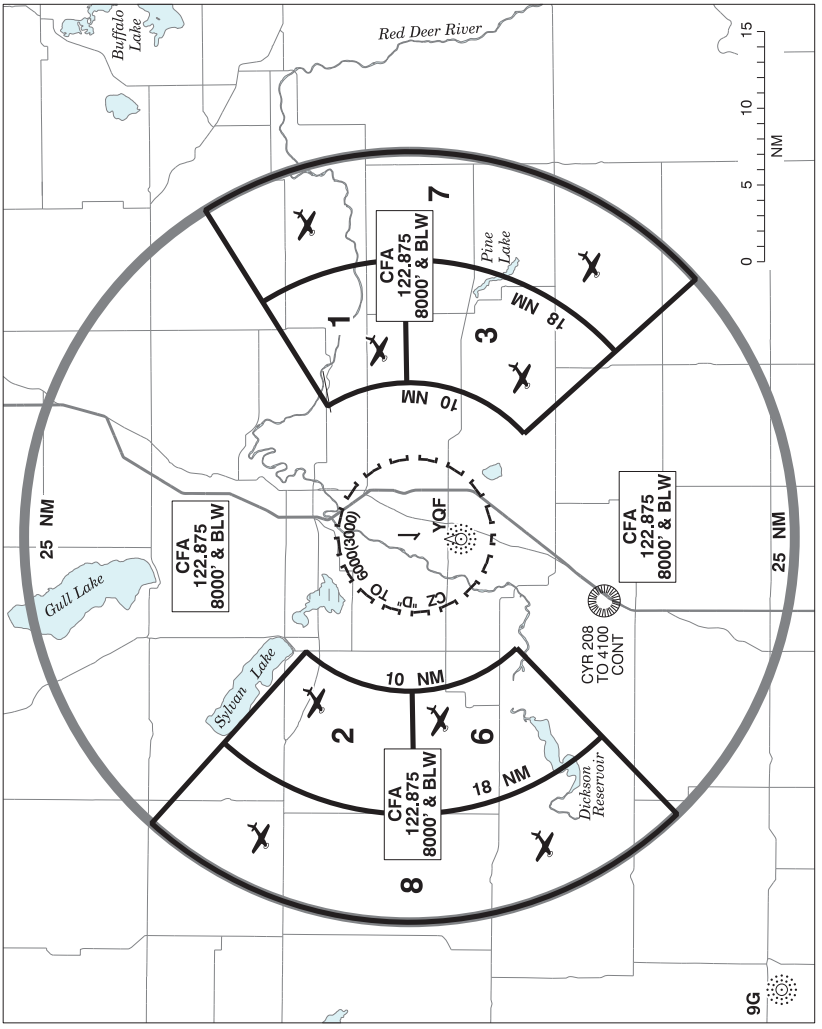
From May to September, extensive helicopter activity to and from the Elbow Fire Base and Moose Mountain Lookout.

Pilots are encouraged to use the designated common frequency when operating below Class C airspace within the designated areas. Radio transmissions on a common frequency should be the minimum required to provide the aircraft's position and pilot's intentions. Example transmission:

"PIGEON AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE FOUR MILES NORTHWEST OF PIGEON NDB, CONDUCTING FLIGHT TRAINING AT 7000 FEET AND BELOW".

Using a common frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome traffic frequency (ATF), en-route frequency, or any other appropriate frequency.

ALBERTA - RED DEER COMMON FREQUENCY AREA



Pilots are encouraged to use the designated common frequency within the designated areas. Radio transmissions on a common frequency should be the minimum required to provide the aircraft's position and pilot's intentions.

Example transmission:

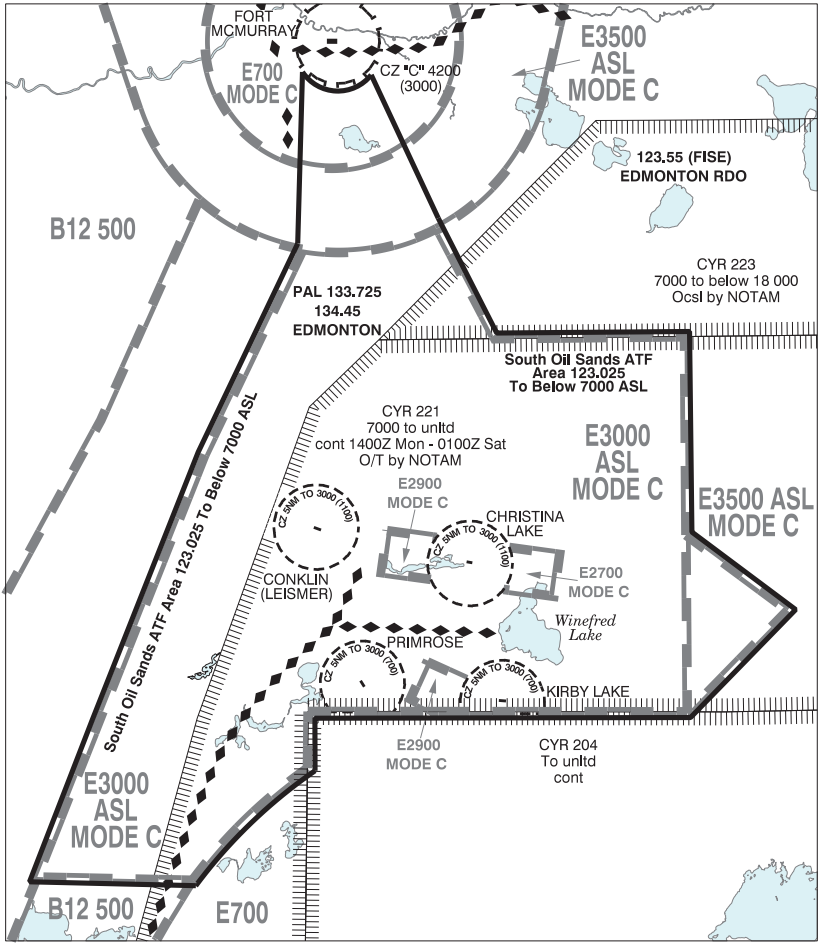
"RED DEER AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE CONDUCTING UPPER AIR WORK WITHIN TRAINING AREA ONE BETWEEN FIVE THOUSAND AND SEVEN THOUSAND."

or

"RED DEER AREA TRAFFIC, PIPER GOLF DELTA ECHO FOXTROT, 8 MILES EAST OF RED DEER, PROCEEDING SOUTHBOUND SIX THOUSAND FIVE HUNDRED."

Using a common frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, a MF, an ATC frequency, aerodrome traffic frequency (ATF), en-route frequency, or any other appropriate frequency.

ALBERTA - SOUTH OIL SANDS ATF AREA



The following radio procedures apply to air traffic operating within the South Oil Sands area in north-eastern Alberta.

ATF Pilot-to-Pilot

123.025 - South Oil Sands Area air traffic frequency (ATF): The South Oil Sands Area ATF airspace is defined as the airspace below 7,000 ft ASL within the boundary of the Class E Mode C Control Area Extension surrounding the four affected aerodromes including a corridor to the north that extends to the Fort McMurray control zone. All pilots, prior to entering and while operating in this airspace, should broadcast their position and intentions, monitor and coordinate operations with other aircraft on the South Oil Sands ATF. For aerodrome arrivals/departures follow the Aircraft Operations - Uncontrolled Aerodromes procedures described in the RAC section of A.I.M. Canada.

Aerodrome UNICOM / ATF

122.8 - Christina Lake ATF, AUTO 122.275

122.8 - Conklin UNICOM ltd hrs, O/T ATF

123.35 - Kirby Lake UNICOM(AU) ltd hrs, O/T ATF, AUTO 122.175

122.95 - Primrose UNICOM(AU) ltd hrs, O/T ATF

ALBERTA - SOUTH OIL SANDS ATF AREA (Cont'd)

Pilots should not conduct company-related communications on the South Oil Sands Area ATF.

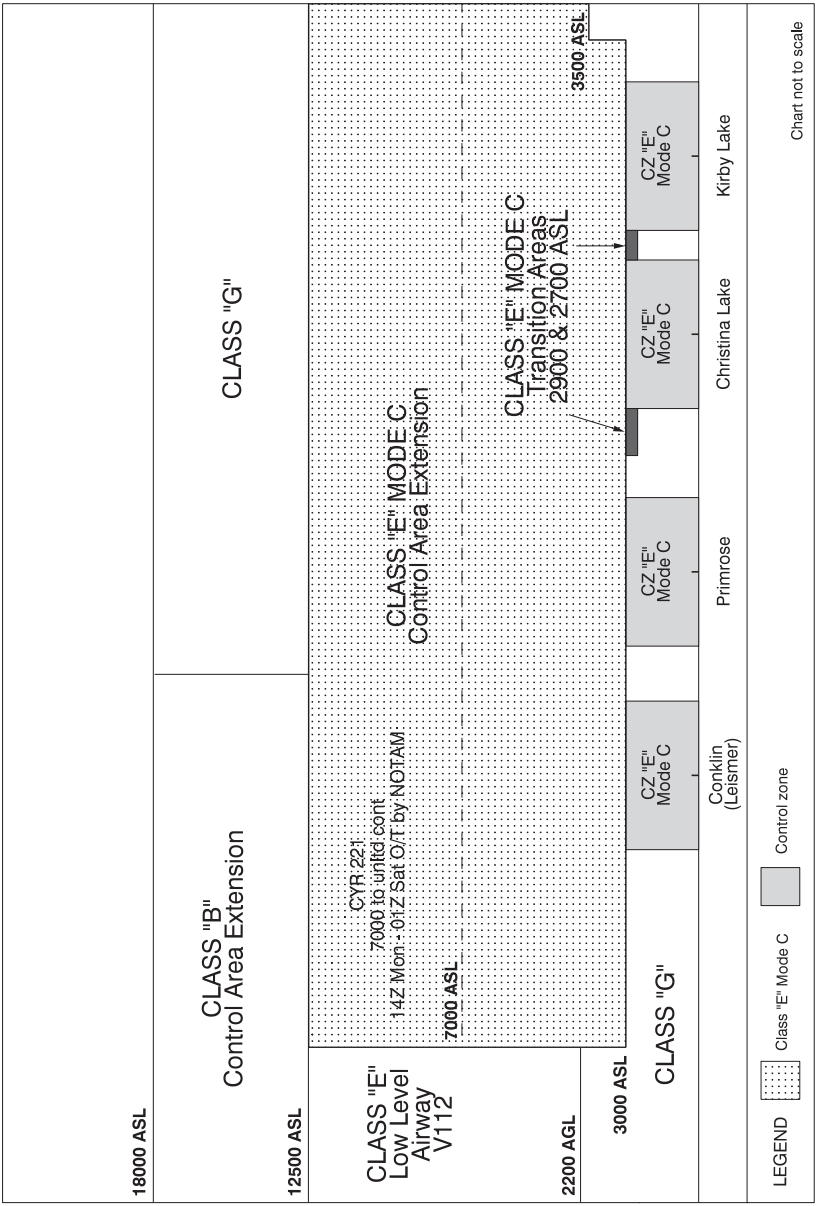
FISE

123.55 - Fort McMurray RCO: Pilots operating in the vicinity of Fort McMurray requiring enroute flight information service should contact the Edmonton FIC (call sign Edmonton radio) on this FISE frequency.

ATC

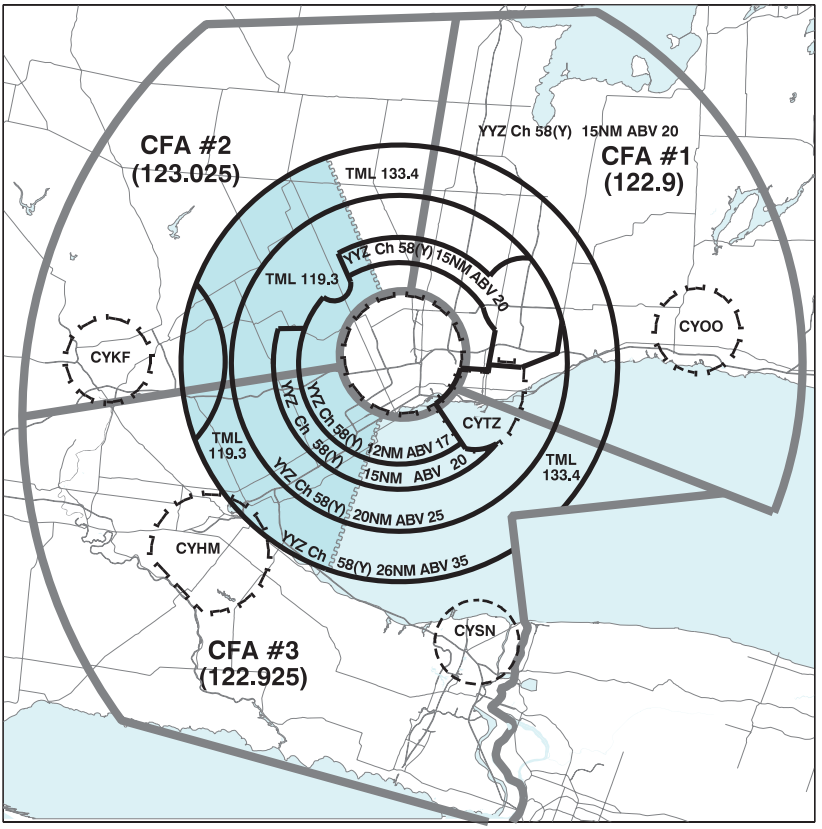
133.725 - Conklin PAL and 134.45 - South Oil Sands PAL: To be used by pilots operating in accordance with IFR in controlled airspace to report arrivals and to request their IFR clearances prior to departure.

ALBERTA - SOUTH OIL SANDS ATF AREA (Cont'd)



ONTARIO – TORONTO COMMON FREQUENCY AREAS AND VFR TRANSIT ROUTES

TORONTO COMMON FREQUENCY AREA (CFA)



GUIDELINES FOR USING TORONTO COMMON FREQUENCY AREAS (CFA) FREQUENCIES

Pilots are encouraged to use the appropriate CFA frequency when flying in the Toronto CFAs.

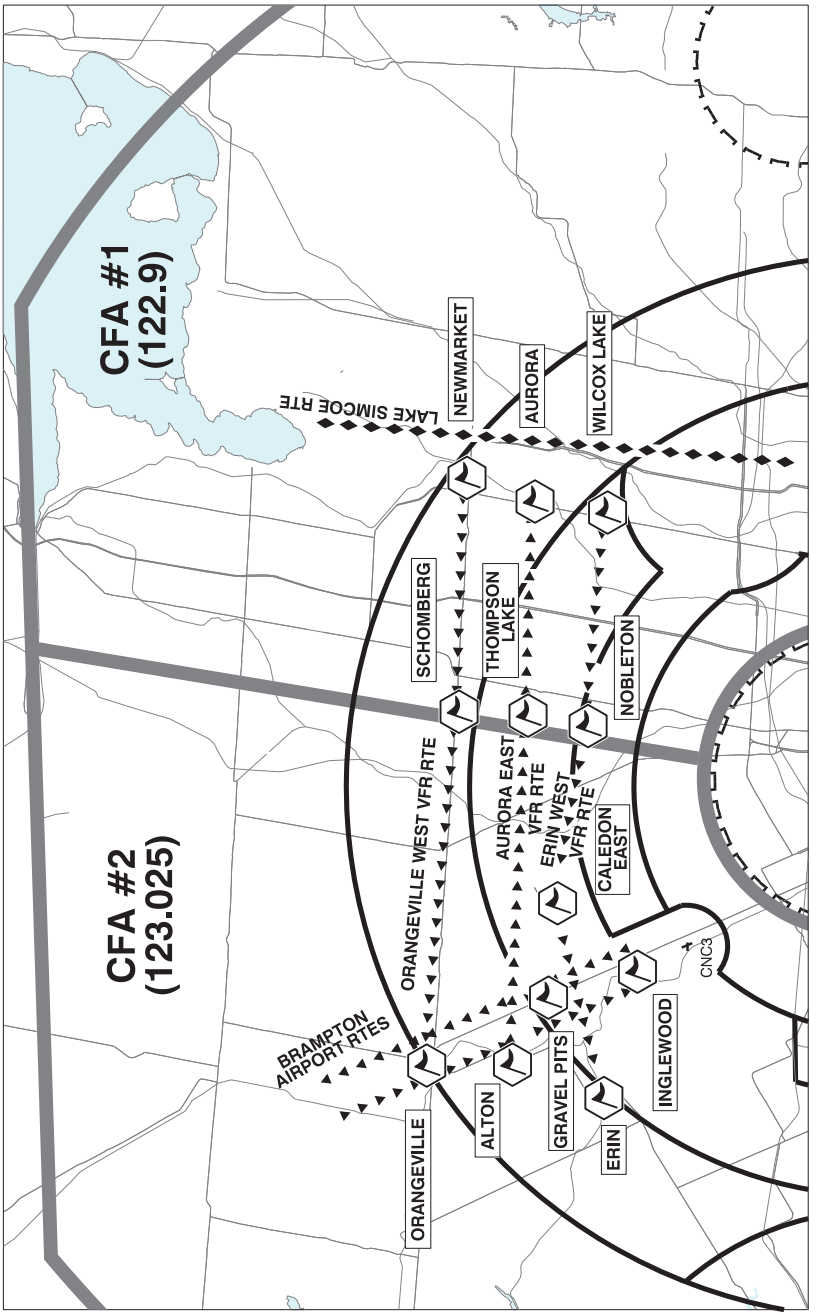
Transmissions on a CFA frequency should be limited to the minimum required to provide the aircraft's position and pilot intentions. Example transmission:

(On CFA#2 123.025) "TRAFFIC IN THE LUTHER LAKE AREA CESSNA GOLF ALPHA BRAVO CHARLIE CONDUCTING AIRWORK TWO MILES EAST OF LUTHER LAKE THREE THOUSAND FEET AND BELOW"

Flying within a CFA and using a CFA frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome ATF or any other appropriate frequency.

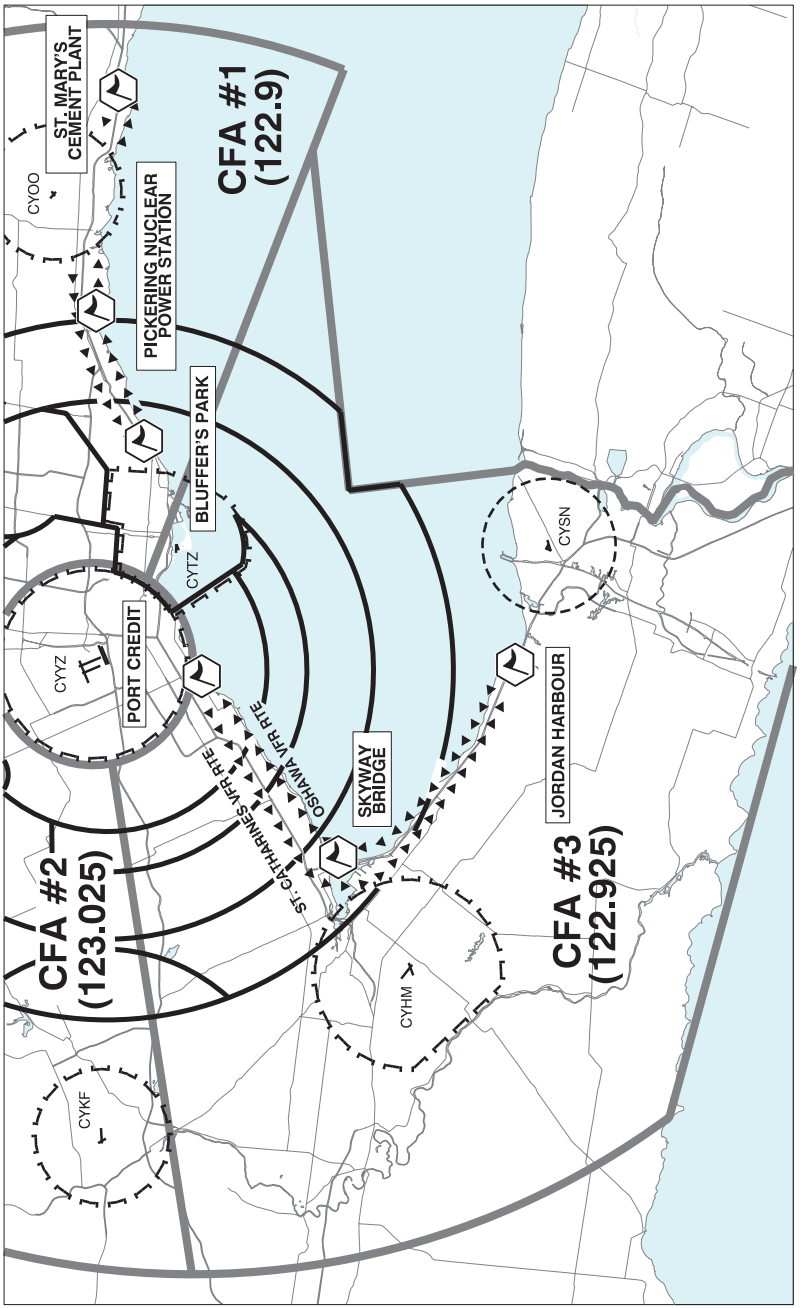
ONTARIO – TORONTO COMMON FREQUENCY AREAS AND VFR TRANSIT ROUTES (Cont'd)

TORONTO NORTH VFR TRANSIT ROUTES



ONTARIO – TORONTO COMMON FREQUENCY AREAS AND VFR TRANSIT ROUTES (Cont'd)

TORONTO LAKESHORE VFR TRANSIT ROUTES



ONTARIO – TORONTO COMMON FREQUENCY AREAS AND VFR TRANSIT ROUTES (Cont'd)

GUIDELINES FOR USING TORONTO VFR TRANSIT ROUTES

When transiting the Toronto area pilots are encouraged to use the designated VFR transit routes.

There are five routes; three for transiting north of Toronto Intl and two for transiting along the Lakeshore as follows:

North Transit Routes

ORANGEVILLE WEST (NEWMARKET - SCHOMBERG - ORANGEVILLE)
AURORA EAST (ALTON - THOMPSON LAKE - AURORA)
ERIN WEST (WILCOX LAKE - NOBLETON - CALEDON EAST - ERIN)

Lakeshore Transit Routes

OSHAWA (JORDAN HARBOUR - SKYWAY BRIDGE - PORT CREDIT - BLUFFER'S PARK - PICKERING NUCLEAR POWER STATION - ST. MARY'S CEMENT PLANT)

ST. CATHARINES (ST. MARY'S CEMENT PLANT - PICKERING NUCLEAR POWER STATION - BLUFFER'S PARK - PORT CREDIT - SKYWAY BRIDGE - JORDAN HARBOUR)

Use the appropriate CFA frequency when using the VFR routes. An ATC clearance is required if the VFR transit routes are flown within the Toronto TCA Class C airspace or through the Toronto Intl, Toronto/Billy Bishop Toronto City Airport and Oshawa control zones. Following are example transmissions when flying a route:

(On CFA #2 123.025) "TRAFFIC IN THE ALTON AREA CESSNA GOLF ALPHA BRAVO CHARLIE OVER ALTON TWO THOUSAND FIVE HUNDRED ON VFR ROUTE AURORA EAST"

(On CFA #1 122.9) "TRAFFIC IN THE THOMPSON LAKE AREA CESSNA GOLF ALPHA BRAVO CHARLIE OVER THOMPSON LAKE TWO THOUSAND FIVE HUNDRED ON VFR ROUTE AURORA EAST"

(On CFA #1 122.9) "TRAFFIC IN THE AURORA AREA CESSNA GOLF ALPHA BRAVO CHARLIE OVER AURORA TWO THOUSAND FIVE HUNDRED CLIMBING TO THREE THOUSAND FIVE HUNDRED HEADING NORTHEAST TO PETERBOROUGH"

QUEBEC – ATF CORRIDOR SEPT-ÎLES TO LOURDES-DE-BLANC-SABLON

The ATF corridor (frequency 123.5 MHz) extends from Sept-Îles to Lourdes-de-Blanc-Sablon, under Class "E" Airspace up to 60NM from CYZV, then from the surface to 12,500 ASL inclusively, outside Sept-Îles CZ (5NM) and the Havre St-Pierre, Natashquan and Lourdes-de-Blanc-Sablon MF zones (15NM radius, 3000' AAE).

Delimitation:

The area outside controlled airspace bordered, in part, by the Sept-Îles CZ (5NM) and, clockwise, by a northerly tangent connecting the Sept-Îles CZ (5NM) and the 15NM radius arcs centered on Havre St-Pierre, Natashquan, Chevery, St-Augustin and Lourdes-de-Blanc-Sablon airports, including an area formed by the intersection of a line from the tangent of the 15NM radius arc of Natashquan airport to Saint-Augustin airport (ARP) and the corridor northern limit already described between the Chevery and Saint-Augustin airport 15NM radius and excluding CYA733(M), then southerly by tangents linking the 15NM radius arcs centered on Lourdes-de-Blanc-Sablon, Chevery, La Romaine, Natashquan and Port-Menier airports then to the southern tangent point of the Sept-Îles CZ.

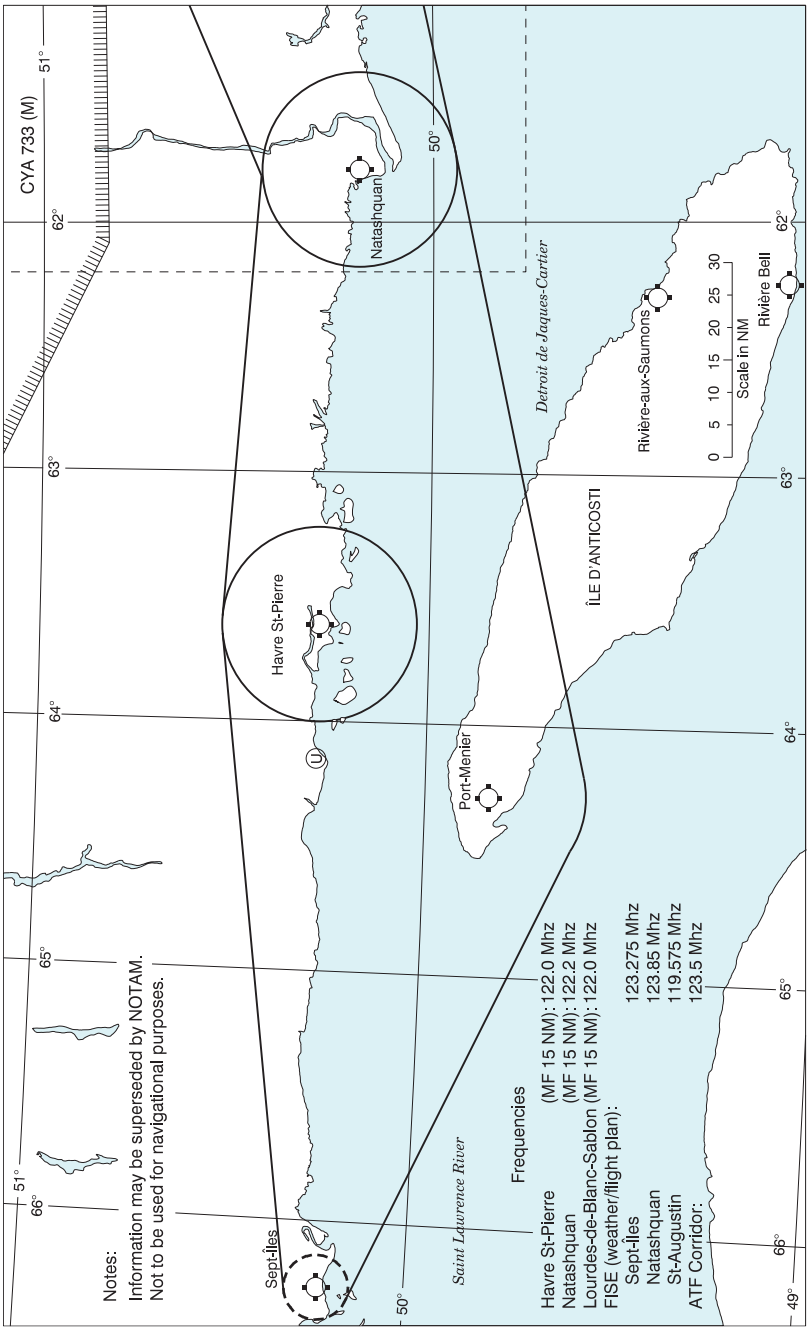
Exceptions:

The corridor extends to but not including 7000 ASL within the 15NM radius centered on Lourdes-de-Blanc-Sablon airport as well as in the sector formed by a tangent linking the 15NM radius arcs of St-Augustin and Lourdes de-Blanc-Sablon airports and the tangent of the arc from St-Augustin airport 15NM radius to Lourdes-de-Blanc-Sablon airport (ARP), excluding Lourdes-de-Blanc-Sablon MF zone.

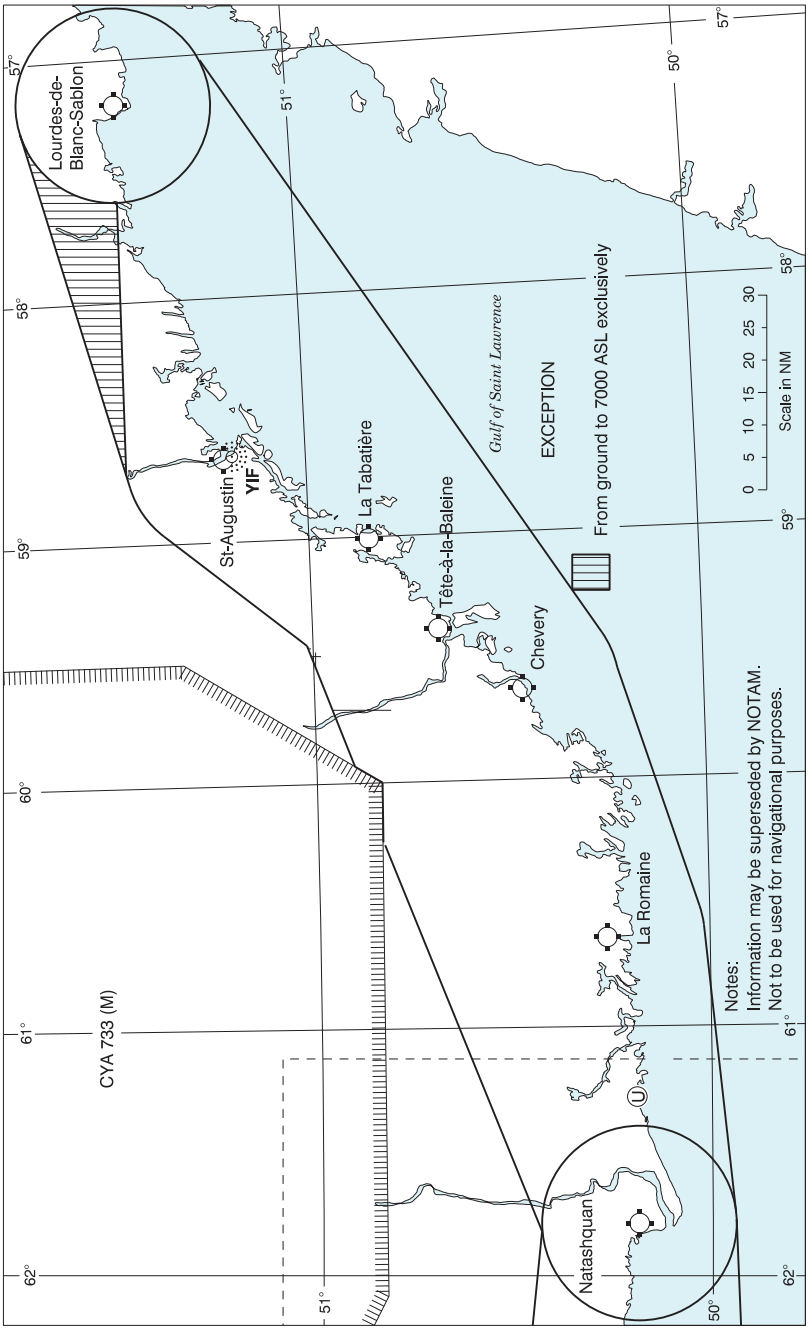
Procedures:

Pilots must comply with the procedures described in TC Aeronautical Information Manual (AIM) – RAC Section: RULES OF THE AIR AND AIR TRAFFIC SERVICES 4.5 AIRCRAFT OPERATIONS - UNCONTROLLED AERODROMES.

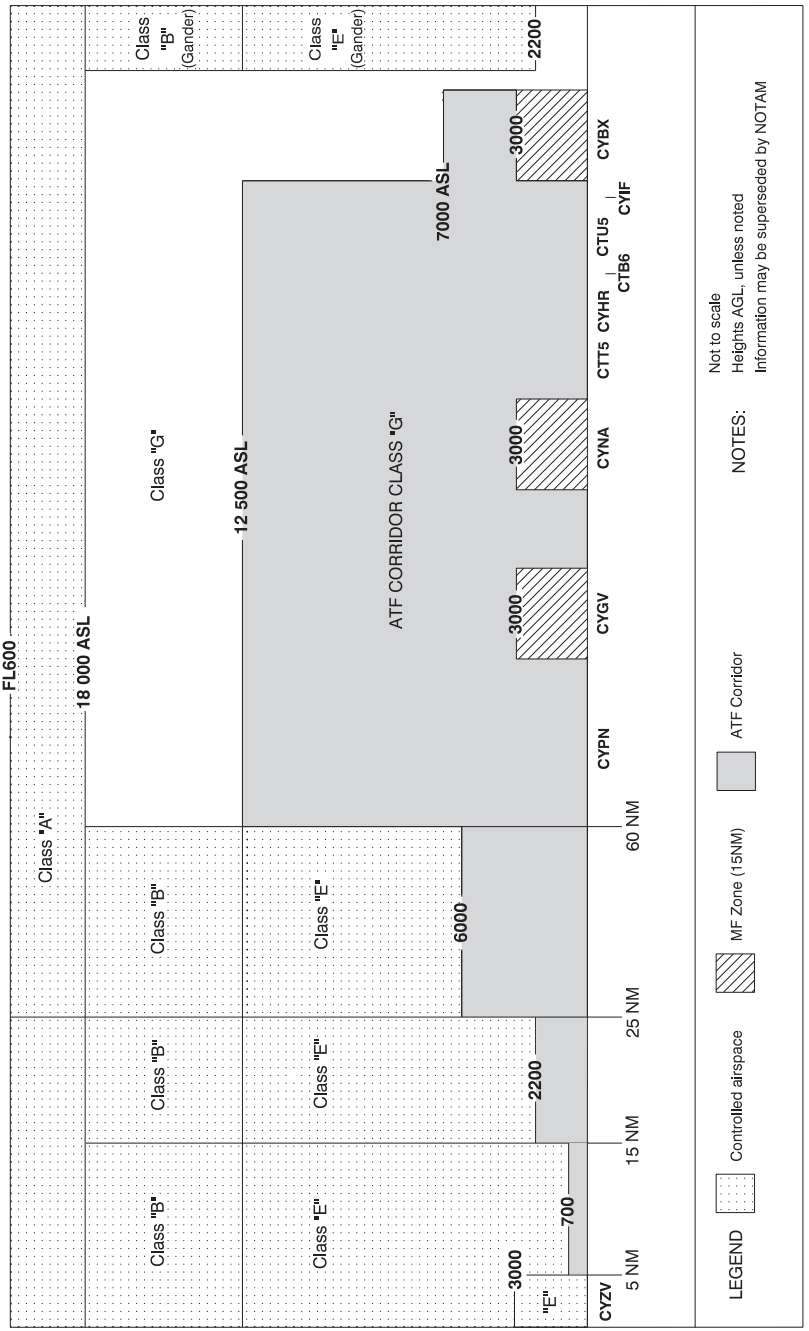
QUEBEC – ATF CORRIDOR SEPT-ÎLES TO LOURDES-DE-BLANC-SABLON (Cont'd)



QUEBEC – ATF CORRIDOR SEPT-ÎLES TO LOURDES-DE-BLANC-SABLON (Cont'd)



QUEBEC – ATF CORRIDOR SEPT-ÎLES TO LOURDES-DE-BLANC-SABLON (Cont'd)



QUEBEC - MAURICIE COMMON FREQUENCY AREA

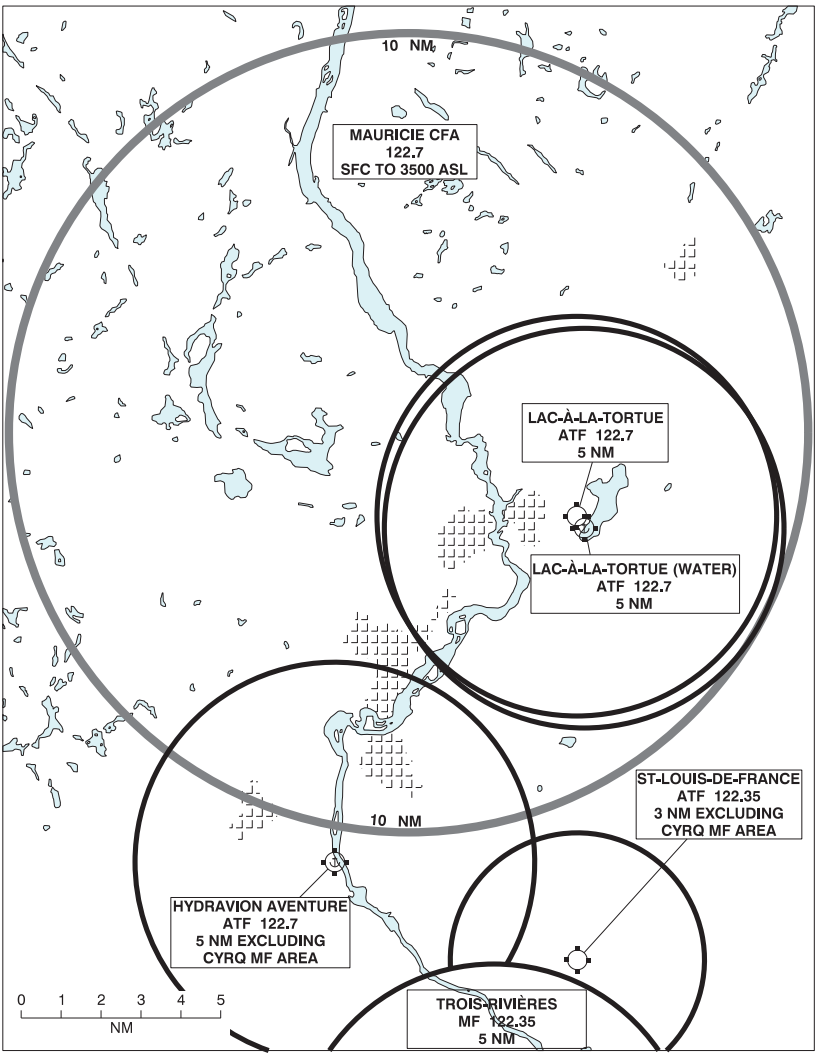
The common frequency area (frequency 122.7) extends from the surface to 3500 ASL inclusively.

Delimitation:

The area is bounded by a 10NM radius centred on N46 39 23W72 43 55, encompassing the ATF of Lac-à-la-Tortue (water aerodrome and land aerodrome).

Procedures:

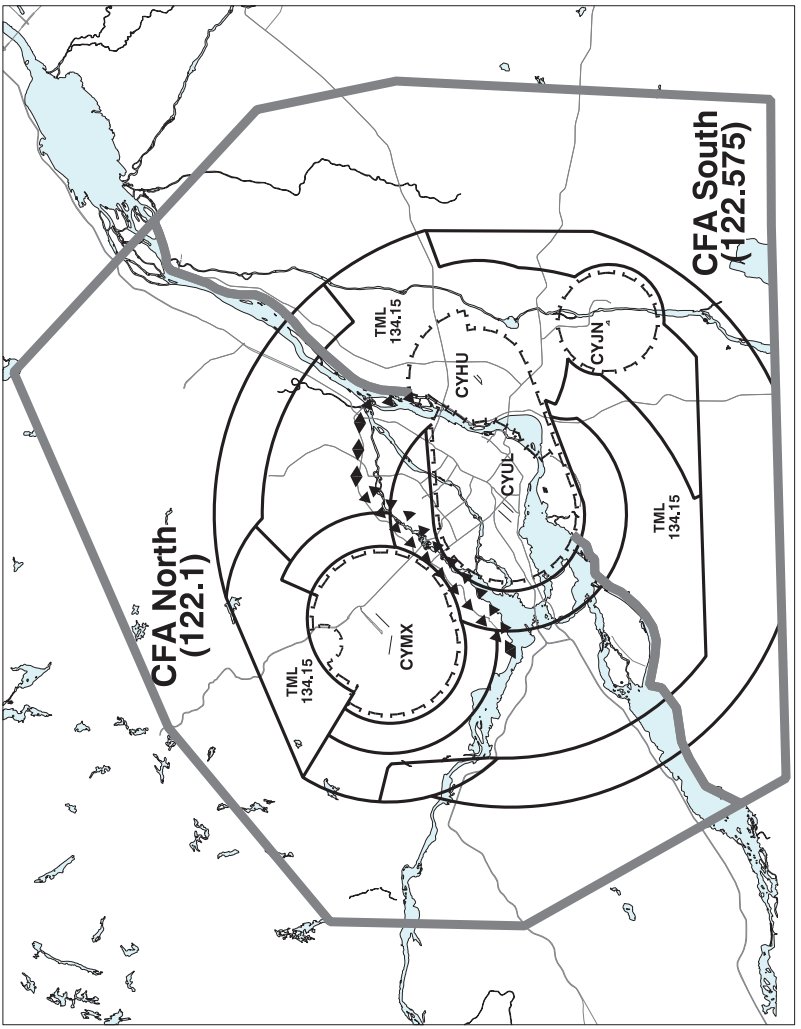
Pilots are reminded to follow the ATF procedures described in TC AIM RAC.



QUEBEC - MONTRÉAL COMMON FREQUENCY AREAS

GUIDELINES FOR USING MONTREAL COMMON FREQUENCY AREAS (CFA):

- Pilots are encouraged to use the appropriate CFA frequency when flying in the Montreal CFAs and to consult VTPCs for more details. Maximum altitude for the use of the frequencies 5500 ASL.
- Transmission on a CFA frequency should be limited to the minimum required to provide the aircraft's position and pilot intentions. Example transmission: (On CFA NORTH 122.1) ''TRAFFIC IN THE RIGAUD AREA CESSNA GOLF ALPHA BRAVO CHARLIE CONDUCTING AIRWORK FIVE MILES WEST OF RIGAUD THREE THOUSAND AND BELOW''
- Flying within a CFA and using a CFA frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome ATF or any other appropriate frequency.
- Refer to front and back VTA charts for more details.



NEWFOUNDLAND & LABRADOR - ATF CORRIDOR NAIN TO MARY'S HARBOUR

The ATF corridor (frequency 122.8) extends from the surface to 12,500 ASL inclusively and exists wholly in uncontrolled airspace.

Delimitation:

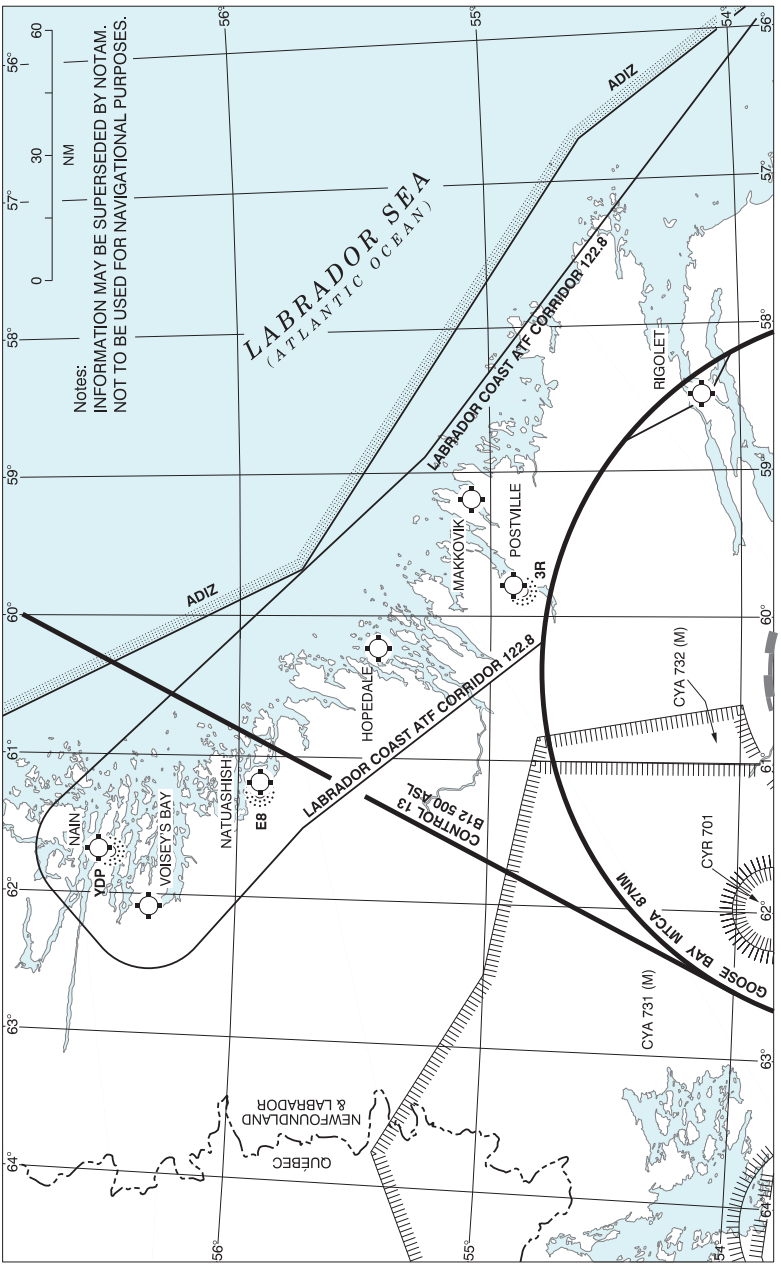
The corridor begins at a point on the arc 15 NM distant, to the north, from the Nain aerodrome and then along the arc in a clockwise direction and to the points linking the arcs of 15 NM centered on the aerodromes at Makkovik, Black Tickle, St. Lewis and Mary's Harbour and Port Hope Simpson then thence to N53°24' W057°56' (at the extent of the 87 NM Goose Bay MTCA), thence along the arc of the 87 NM Goose Bay MTCA to include the annex to the Goose Bay MTCA in the vicinity of Rigolet, thence to N54°47' W060°10' (at the extent of the 87 NM Goose Bay MTCA), thence to points linking the arcs of 15 NM centered on the aerodromes at Natuashish, Voisey's Bay and Nain to the start point.

Procedures:

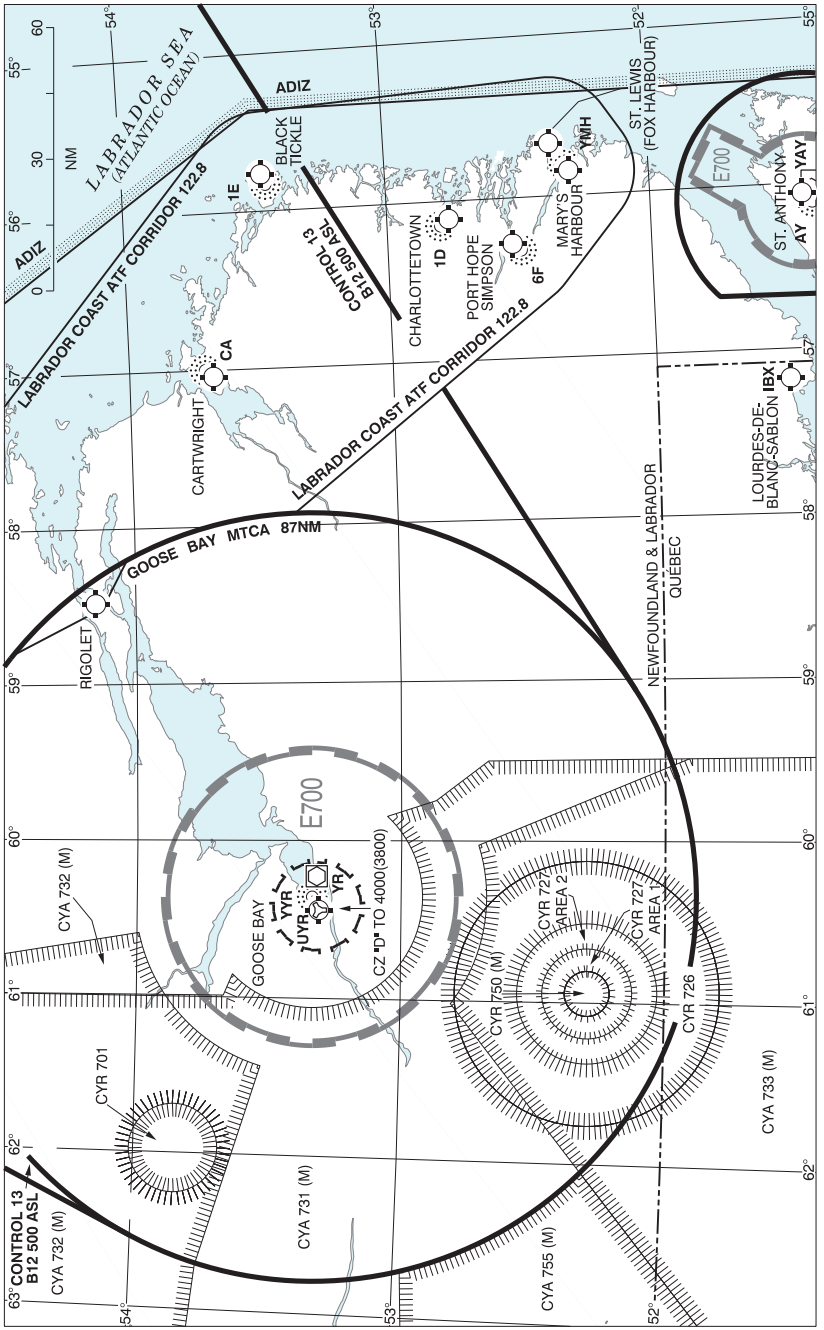
Pilots are reminded to follow the ATF procedures described in TC AIM RAC, published by Transport Canada.

Maps on following two pages.

NEWFOUNDLAND & LABRADOR - ATF CORRIDOR NAIN TO MARY'S HARBOUR (Cont'd)



NEWFOUNDLAND & LABRADOR - ATF CORRIDOR NAIN TO MARY'S HARBOUR (Cont'd)



NEWFOUNDLAND & LABRADOR

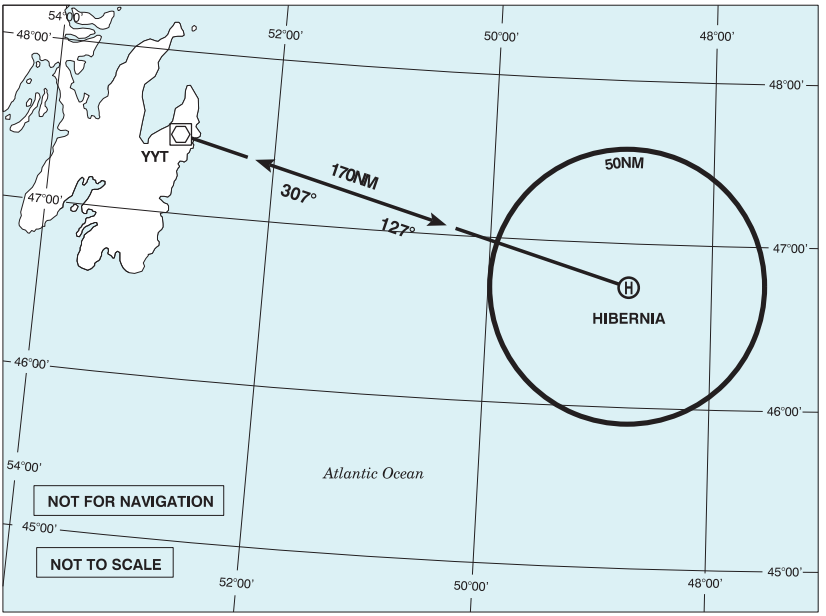
OFFSHORE AIR TRAFFIC ACTIVITY AREA EAST OF ST. JOHN'S NL, FL55 AND BELOW

Petroleum exploration and production off the east coast of Newfoundland has created significant air traffic activity. The Hibernia oil production structure is fixed at position N46 45.0 W48 46.7. Other structures with helidecks operate within a 50NM radius of the Hibernia structure. The number and location may vary seasonally.

The majority of the traffic consists of helicopters operating to/from these platforms along direct routes to St. John's airport, however, military and civil fixed wing patrol aircraft also frequently operate in the area and across these routes.

Pilots operating in the area are advised to monitor enroute frequency 126.7MHz and to broadcast their position and intentions.

Clearances at and above FL55 can be obtained by contacting Gander Area Control Centre on 118.25 MHz, via a telecommunications circuit on the Hibernia platform.



VFR CHART UPDATING DATA
YUKON, NORTHWEST TERRITORIES AND NUNAVUT

YUKON, NORTHWEST TERRITORIES AND NUNAVUT - AIR NAVIGATION RADIO AIDS

Aklavik NDB ident "YKD" freq 208 at N68 13 34 W135 00 53 has been decommissioned.
Beaver Creek NDB ident "YXQ" freq 239 at N62 24 32 W140 51 40 has been decommissioned.
Deline NDB ident "WJ" freq 287 at N65 11 14 W123 25 15 has been decommissioned.
Diavik NDB ident "2Z" freq 382 at N64 30 35 W110 18 36 has been decommissioned.
Fort Good Hope NDB ident "GH" freq 266 at N66 15 05 W128 36 38 has been decommissioned.
Fort Good Hope VOR ident "YGH" freq 112.3 at N66 14 11 W128 37 23 has been decommissioned.
Fort Resolution NDB ident "FR" freq 274 at N61 09 15 W113 38 20 has been decommissioned
Fort Simpson NDB "FS" freq 375 at N61 47 09 W121 15 39 has been decommissioned.
Fort Smith NDB ident "SM" freq 254 at N59 58 16 W111 51 25 has been decommissioned.
Gjoa Haven NDB ident "YHK" freq 236 at N68 37 34 W95 51 32 has been decommissioned
Grise Fiord NDB ident "YGZ" freq 365 at N76 25 24 W82 53 14 has been decommissioned.
Hay River VOR/DME ident "YHY" freq 113.9 at N60 50 11 W115 48 12 var changed to "17°E".
Igloolik NDB ident "YGT" freq 241 at N69 22 16 W81 49 04 has been decommissioned.
Klondike (Whitehorse) NDB ident "ZXY" freq 353 at N60 38 10 W135 00 39 has been decommissioned.
Koala (Ekati) NDB ident "4A" freq 350 at N64 41 53 W110 36 33 has been decommissioned.
Kugaaruk NDB ident "YBB" freq 263 at N68 32 03 W89 47 21 has been decommissioned.
Laberge (Whitehorse) NDB ident "JB" freq 236 at N60 56 58 W135 08 16 has been decommissioned.
Naujaat NDB "YUT" freq 335 at N66 31 42 W86 14 32 has been decommissioned.
Robinson (Whitehorse) NDB "PJ" freq 329 at N60 26 22 W134 51 40 has been decommissioned.
Tuktoyaktuk NDB ident "YUB" freq 380 at N69 26 04 W133 01 02 has been decommissioned
Tulita NDB ident "ZFN" freq 392 at N64 54 24 W125 33 54 has been decommissioned.
Watson Lake NDB ident "QH" freq 248 at N60 10 36 W128 50 42 has been decommissioned.
West Arm (Cambridge Bay) ident "MG" freq 327 at N69 06 07 W105 06 55 has been decommissioned.
Yellowknife VORTAC ident "YZF" freq 115.5 at N62 27 52 W114 26 12 var changed to "17°E".
Yellowknife TACAN ident "YZF" freq 115.5 at N62 27 52 W114 26 12 has been decommissioned.

YUKON, NORTHWEST TERRITORIES AND NUNAVUT – AIRSPACE DESIGNATIONS

A15 has been revoked from Beaver Creek NDB to DUVOT intxn.
AR7 has been revoked from Tuktoyaktuk NDB to Holman NDB
AR8 has been revoked from Inuvik NDB to Tuktoyaktuk NDB to Sachs Harbour NDB.
AR22 has been revoked from Baker Lake NDB to Gjoa Haven NDB to Resolute Bay NDB.
AR33 has been revoked from Taloyoak NDB to Kugaaruk NDB to Repulse Bay NDB.
AR33 has been revoked from Coral Harbour NDB to Naujaat NDB
AR33 has been revoked from Repulse Bay NDB to Coral Harbour NDB.
BR3 has been revoked from Chesterfield Inlet NDB to Naujaat NDB to Hall Beach NDB
BR3 has been revoked from Rankin Inlet NDB to Chesterfield Inlet NDB to Repulse Bay NDB to Hall Beach NDB.
BR7 has been revoked from Robinson (Whitehorse) NDB to Mayo NDB.
BR16 has been revoked from Watson Lake NDB to Fort Simpson NDB.
BR17 has been revoked from Fort Good Hope NDB to Fort McPherson NDB to Inuvik NDB.
BR22 has been revoked from Tuktoyaktuk NDB to Paulatuk NDB.
BR33 has been revoked from Norman Wells NDB to Wrigley NDB to Fort Simpson NDB.
BR33 has been revoked from Norman Wells NDB to Fort Good Hope NDB to Inuvik NDB.
BR36 has been revoked from Atlin NDB to Watson Lake NDB.
BR36 has been revoked from Dease Lake NDB to Watson Lake NDB.
RR4 has been revoked from Wrigley NDB to Yellowknife NDB.
RR4 has been revoked from Baker Lake NDB to Chesterfield Inlet NDB to Coral Harbour NDB.
RR30 from Nanisivik NDB to Pond Inlet NDB has been revoked.
RR30 has been revoked from Cambridge Bay NDB to Gjoa Haven NDB to Kugaaruk NDB to Hall Beach NDB.
V112 has been revoked from Fort Chipewyan to NDB Fort Smith VOR/DME to Fort Resolution NDB to Hay River VOR/DME to Fort Simpson NDB

YUKON, NORTHWEST TERRITORIES AND NUNAVUT – AIRSPACE DESIGNATIONS (Cont'd)

YUKON, NORTHWEST TERRITORIES AND NUNAVUT - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

YUKON, NORTHWEST TERRITORIES AND NUNAVUT - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES
CYOA 10.0NNE	0.87NM Radius Sfc to 1000 AGL	N64 51 37 W110 30 50
CYCY 1.1SSW	0.05NM Radius Sfc to 98 AGL	N70 28 05 W68 31 44
CMR2 2.4E	0.65NM Radius Sfc to 900 AGL	N71 19 27 W79 13 41
CMR2 0.7E	0.43NM Radius Sfc to 812 AGL	N71 19 23 W79 19 06

YUKON, NORTHWEST TERRITORIES AND NUNAVUT – CONSERVATION

Coburg Island, NU

A National Wildlife Area named Nirjutiqavvik has been established at Coburg Island (aprx N75 57 53 W79 19 27).The refuge extends 10 kilometres seaward of the shoreline all around the Island. Aircraft should avoid overflights below 6000 ASL.

YUKON, NORTHWEST TERRITORIES AND NUNAVUT – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

YUKON, NORTHWEST TERRITORIES AND NUNAVUT – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CEC5 3.4SE	1063	371	N59 58 10	W111 49 02
CFP8 (wind turbines) 4.1SSW	5010	279	N60 44 56	W135 14 18
CYBK 1.5NNW	373	40	N64 19 17	W96 06 17
CYEV (wind turbine) 3.6NNE	1291	491	N68 21 23	W133 24 25

BRITISH COLUMBIA

BRITISH COLUMBIA - AIR NAVIGATION RADIO AIDS

Fort Nelson NDB ident "YE" freq 382 at N58 47 45 W122 43 21 has been decommissioned.
Vancouver DME ident "IVR" freq 109.5 coordinates changed to N49 11 18 W123 12 03.

BRITISH COLUMBIA - AIRSPACE DESIGNATIONS

BR36 has been revoked from Atlin NDB to Teslin NDB.
BR36 has been revoked from Atlin NDB to Watson Lake NDB.
BR36 has been revoked from Dease Lake NDB to Watson Lake NDB.
V300 has been revoked from Princeton VOR/DME to SKAHA intxn to GOATE intxn to LOCAN intxn to ERVYN intxn to BOXAT intxn to ALDDA intxn to Cranbrook VOR/DME.
V302 has been revoked from Enderby VOR/DME to SWALE intxn to WASEN intxn to VOBIL intxn to ALRUG intxn to Rocky Mountain House VOR/DME to REFIO intxn to Edmonton VOR/DME.
V305 has been revoked from Cranbrook VOR/DME to CONER intxn to DYSON intxn to TURNY intxn to Calgary VOR/DME to BACHO intxn to EBMAS intxn to Medicine Hat VOR/DME.
V324 redesignated from Williams Lake VOR/DME to ALTAG intxn.
V342 has been revoked from Cranbrook VOR/DME to LUMBY intxn to FARNS intxn to OPALE intxn to HANDA intxn to ALBRO intxn to Calgary VOR/DME.

The transition areas lying below the following airway segments are revoked:
B4
N50°03'39.00" W119°24'59.00" Kelowna, BC NDB to
N49°56'18.00" W119°02'22.00" MOORR, BC Intxn
B5
N49°29'16.00" W119°36'05.00" Penticton, BC NDB to
N50°03'39.00" W119°24'59.00" Kelowna, BC NDB to
N50°21'18.00" W119°50'58.00" STUMM, BC Intxn to
N50°41'01.00" W120°20'07.00" Kamloops, BC NDB
V302
N50°12'20.00" W119°28'20.00" WTMAN, BC Intxn to
N50°40'40.00" W118°56'20.00" Enderby, BC VOR
V354
N49°45'12.00" W119°51'10.00" GRASE, BC Intxn to
N50°03'39.00" W119°24'59.00" Kelowna, BC NDB

BRITISH COLUMBIA - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

BRITISH COLUMBIA - BLASTING OPERATIONS

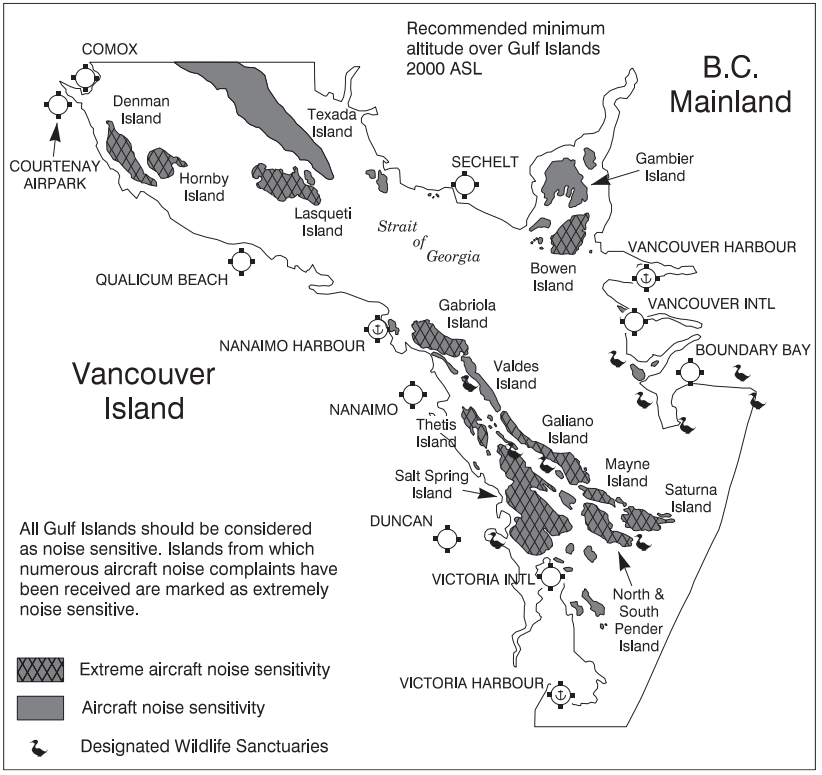
The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES	
CYDL	5.0NM Radius	N57 42 00	W129 48 19
44.0S	Sfc to 2000 AGL		

BRITISH COLUMBIA - CABLE CROSSINGS

LOCATION	HEIGHT ASL	(N)LAT	(W)LONG

BRITISH COLUMBIA – NOISE ABATEMENT PROCEDURES - GULF ISLANDS



The Gulf Islands, located in Georgia Straight, have been identified as home to several unique and endangered wildlife species and in this regard Transport Canada has been working with the Islands Trust, the Department of Fisheries and Oceans Canada as well as the British Columbia Ministry of Environment to establish procedures to aid in wildlife protection. These species include several types of birds as well as sea mammals including the Orca whale. The rapidly growing interest in wildlife has caused concern due to encroachment into endangered bird and animal habitat by both surface and air traffic. Therefore pilots are encouraged to avoid low level flight over bird nesting areas marked on the VFR charts and to avoid, where possible, low flight over any area where bird or sea life activity may be encountered. These islands are also a popular tourist destination and attract many visitors each year in addition to being home to a number of full-time residents. The environment surrounding the Gulf Islands is quiet. As a result, aircraft operating at legal altitudes are often audible and such extraneous noise can be annoying to some residents and disruptive to wildlife.

As a result pilots are requested to follow the guidelines listed below:

1. Aviation safety is foremost. Pilots are responsible for the safe operation on their aircraft and compliance with all aviation regulations. Nothing in this information sheet relieves the pilot-in-command of the aircraft from this responsibility.
2. Pilots not in the process of taking-off or landing should attempt to, where possible, avoid flying in the vicinity of, any marked or designated wildlife sanctuary, any site where bird nesting is known to be located or any residential building or area. If flying in the vicinity of one of these locations pilots should attempt to do so at no less than 2000 ASL (or 1000 AGL where terrain is higher than 1000).
3. All Gulf Islands are to be considered noise sensitive. Pilots are requested to give particular consideration to the following islands: Denman, Gabriola, Thetis, Lasqueti, Galiano, Hornby, Mayne, North and South Pender, Salt Spring and Saturna.

BRITISH COLUMBIA – NOISE ABATEMENT PROCEDURES - GULF ISLANDS (Cont'd)

4. Pilots are asked to operate their aircraft in the most community friendly manner possible.
5. Pilots are asked to refrain from training or practicing manoeuvres over the Gulf Islands.
6. Landing and take-off of aircraft in Gulf Islands National Park Reserve is prohibited unless authorized through the issuance of a landing permit by the Parks Canada Agency.

Any questions or comments may be sent to the Regional Director Civil Aviation (Pacific).

CHANGE IN NOTAM PROCEDURE REGARDING LOGGING ACTIVITIES PACIFIC REGION

NOTAMs will not be filed regarding blasting related to logging activities under the following circumstances:

- If utilizing instantaneous blasting equipment, (blasters will ensure the area is clear of all air traffic prior to the blast).
- If utilizing a standard 6 min fuse and utilizing aeronautical freq radio (blaster will make two transmissions on 123.2 MHz advising of the imminent blast. These transmissions will be at approximately 4 min and 1 min prior to the estimated blast. These transmissions will include the geographical location referenced to prominent landmark and the time to the blast).

Notwithstanding the above two calls, if a blaster detects an aircraft in the immediate vicinity of a blast they will direct a radio transmission to that aircraft using aircraft type and colour (i.e. red and white helicopter, you are over an active blast site clear the area immediately). Blasters may elect to utilize both methods for added safety.

When operating VFR over forested areas of BC, pilots should:

- Be aware of new logging road construction, new area of construction at beach level (area used for log sorting and rock drilling equipment, if no dust or activity in the vicinity then a blast could be imminent.
- In areas of active road construction or logging arrange flight to be at least 1000´ AGL.
- If operating below 1000´ AGL monitor 123.2 MHz for imminent blasting notification.
- Upon hearing a warning transmission regarding an imminent blast determine their location in reference to the blast site and if necessary either climb to at least 1000´ AGL or deviate from the blast area.
- If unable to comply with the above recommendations contact the blast site and advise them of the aircraft's location and intentions.
- Relay information on active blast sites to other pilots in the area.

Notwithstanding the above recommendations, a NOTAM will be required if the blast site is within 5NM of an aerodrome or if the blaster elects not to utilize either of the above procedures. In any case, the NOTAM will have a maximum duration period of 14 days.

Any questions or comments may be directed to Transport Canada Aerodromes and Air Navigation Branch (Pacific Region) (604) 666-5490.

BRITISH COLUMBIA – CONSERVATION

BRITISH COLUMBIA – HAZARDS TO AIRCRAFT OPERATIONS

BRITISH COLUMBIA – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

BRITISH COLUMBIA – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CBB4 3.9SW	2418	454	N48 45 11	W123 29 31
CVS3 1.9W	638	318	N49 10 24	W122 53 27
CNW9 1.4WSW	634	317	N49 12 50	W122 55 19
CAK7 2.2S	381	354	N49 12 31	W123 07 04
CKH9 0.9N	1638	508	N49 53 22	W119 29 29
CBL3 2.1E	1829	310	N58 48 40	W122 43 02

ALBERTA

ALBERTA - AIR NAVIGATION RADIO AIDS

Calgary DME ident "ILG" coordinates changed to N51 08 44 W113 59 19.
Cold Lake TACAN ident "UOD" freq 113.5 at N54 24 31 W110 17 45 var changed to "13°E".
Fort Chipewyan NDB ident "PY" freq 207 at N58 45 42 W111 06 30 has been decommissioned.
Fort McMurray NDB ident "MM" freq 388 at N56 39 11 W111 20 10 has been decommissioned.
Grande Prairie NDB ident "QU" freq 221 at N55 08 15 W118 48 46 has been decommissioned.
Rainbow Lake DME ident "Z2" freq 111.7 at N58 29 42 W119 24 46 has been decommissioned.

ALBERTA - AIRSPACE DESIGNATIONS

A2 has been revoked from Calgary NDB to Red Deer NDB to Edmonton NDB.

A7 has been revoked from Calgary NDB to BEPIT intxn to DELBR intxn to NUPPS intxn to Edmonton NDB.

A22 has been revoked from VUCAN intxn to Medicine Hat NDB.

B84 has been revoked from Edmonton NDB to Fort McMurray NDB.

B84 has been revoked from Fort McMurray NDB to Fort Chipewyan NDB to Fort Smith NDB.

BR19 has been revoked from Fort Chipewyan NDB to Key Lake VOR/DME.

G7 has been revoked from Lloydminster NDB to North Battleford (Cameron McIntosh) NDB.

GR11 has been revoked from Fort McMurray VOR/DME to Key Lake VOR/DME to Lynn Lake VOR/DME.

R10 has been revoked from Enderby NDB to PIGEN intxn to Calgary NDB to SLOAN intxn to Saskatoon NDB.

V21 has been revoked from Lethbridge VOR/DME to DARWN intxn to Calgary VOR/DME to DUVNO intxn to URPON intxn to EPLUR intxn to DELBR intxn to BACOS intxn to Edmonton VOR/DME.

V112 has been revoked from Calgary VOR/DME to WESEX intxn to DAGTY intxn to GELLE intxn to Rosli intxn to Edmonton VOR/DME.

V112 has been revoked from Fort McMurray VOR/DME to Fort Chipewyan NDB to Fort Smith VOR/DME.

V301 has been revoked from Whitecourt VOR/DME to WYLDE intxn to GRONG intxn to Edmonton VOR/DME.

V301 has been revoked from Edmonton VOR/DME to REDDR intxn to CROSY intxn to Calgary VOR/DME to SATUL intxn to VUCAN intxn to Lethbridge VOR/DME.

V302 has been revoked from Enderby VOR/DME to SWALE intxn to WASEN intxn to VOBIL intxn to ALRUG intxn to Rocky Mountain House VOR/DME to REFIO intxn to Edmonton VOR/DME.

V304 has been revoked from Calgary VOR/DME to HUSAR intxn to ROLKO intxn to Empress VOR/DME to Beechy NDB.

V305 has been revoked from Cranbrook VOR/DME to CONER intxn to DYSON intxn to TURNY intxn to Calgary VOR/DME to BACHO intxn to EBMAS intxn to Medicine Hat VOR/DME.

V336 has been revoked from Edmonton NDB to TETAG intxn to AROUK intxn to Peace River VOR/DME.

V342 has been revoked from Cranbrook VOR/DME to LUMBY intxn to FARNS intxn to OPALE intxn to HANDA intxn to ALBRO intxn to Calgary VOR/DME.

V351 has been revoked from Calgary VOR/DME to HEMPP intxn to DALLY intxn to Rocky Mountain House VOR/DME to ELUNA intxn to TILAX intxn to Edmonton VOR/DME.

ALBERTA - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

ALBERTA - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES

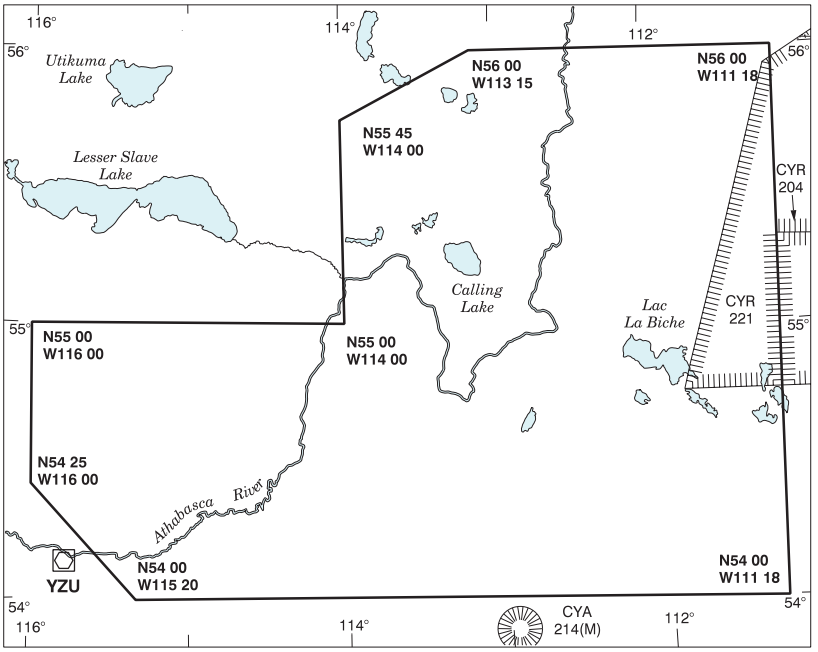
ALBERTA - CONSERVATION

ALBERTA – HAZARDS TO AIRCRAFT OPERATIONS

LAC LA BICHE LOW LEVEL TACTICAL FLYING AREA

The LAC LA BICHE LOW LEVEL TACTICAL FLYING AREA depicted on the following map contains military flying activity from the surface to 500 feet AGL. The flying area is located within the area bounded by a line drawn from N54 00 W115 20 to N54 25 W116 00, to N55 00 W116 00, to N55 00 W114 00, to N55 45 W114 00, to N56 00 W113 15, to N56 00 W111 18, to N54 00 W111 18 to the point of beginning.

Military TAC Heli aircraft conduct low level flights in this area under visual conditions, both day and night.



ALBERTA – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name

ALBERTA – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CFZ3	4157	505	N49 42 02	W110 38 25
16.6SSE				
CBL4	3401	665	N50 41 22	W112 27 13
6.1S				
CYCT	2900	394	N52 08 30	W111 07 34
12.5ENE				
CAD2	3597	300	N52 15 45	W113 40 09
1.2ESE				
CYET	3167	190	N53 34 29	W116 25 44
1.3ESE				
CYWM	2448	522	N54 45 41	W113 19 54
4.5WNW				
CYLB	2430	317	N54 49 24	W112 19 03
10.4WNW				
CMY3	3045	508	N55 14 31	W118 33 43
9.5ESE				
CSL6	2278	349	N55 19 16	W115 23 24
20.9W				
CYPE	2215	354	N56 04 25	W117 18 16
10.4SSE				
CFT8	2284	247	N56 09 11	W113 27 45
0.6SE				
CYPE	2260	354	N56 13 01	W117 05 08
12.2E				
CYPE	2207	500	N56 14 07	W117 15 55
6.2E				
CFT8	2334	300	N56 23 11	W113 00 28
20.7NE				
CFB4	2725	353	N56 30 13	W114 34 11
0.7WNW				
CFM6	2328	492	N56 31 43	W113 28 13
22.0ENE				
CYMM	1310	135	N56 39 34	W111 15 11
1.1WNW				
CES7	1497	330	N56 41 04	W111 19 44
3.3SSE				
CFB4	2716	353	N56 41 42	W114 34 22
11.7N				
CES7	1814	394	N56 54 13	W111 16 48
10.8NNE				
CES7	1680	328	N56 56 20	W111 17 13
12.7NNE				
CAL4	1051	254	N57 00 14	W111 28 36
13.4S				
CAL4	1332	548	N57 01 57	W111 30 23
11.9SSW				
CAL4	1407	328	N57 05 38	W111 42 58
12.5SW				

ALBERTA – SIGNIFICANT OBSTRUCTIONS (Cont'd)

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CAL4	1382	400	N57 16 25	W111 31 21
4.5NW				
CYNR	1355	394	N57 19 44	W111 35 46
4.7SE				
CYNR	1266	328	N57 23 30	W111 37 28
2.6ENE				
CYNR	1325	328	N57 25 07	W111 36 06
3.9NE				
CFN5	1543	288	N57 54 20	W117 36 33
43.7WSW				
CFG5	1297	349	N58 31 17	W115 09 19
1.9NNW				
CYOJ	1205	100	N58 36 40	W117 09 47
0.6S				
CFG5	3215	295	N58 41 10	W114 59 41
12.5NNE				

SASKATCHEWAN

SASKATCHEWAN – AIR NAVIGATION RADIO AIDS

Ajax (Regina) NDB ident "ZRS" freq 219 at N50 29 07 W104 44 10 has been decommissioned.
Cluff Lake NDB ident "3X" freq 243 at N58 21 37 W109 31 30 has been decommissioned.
Findlay (Regina) NDB ident "ZQR" freq 204 at N50 25 44 W104 31 38 has been decommissioned.
Regina NDB ident "QR" freq 290 at N50 22 10 W104 34 22 has been decommissioned.

SASKATCHEWAN - AIRSPACE DESIGNATIONS

A13 has been revoked from The Pas NDB to La Ronge NDB.
AR6 has been revoked from Stony Rapids NDB to Wollaston Lake NDB to Lynn Lake NDB.
B6 has been revoked from Prince Albert NDB to Flin Flon NDB.
G7 has been revoked from Lloydminster NDB to North Battleford (Cameron McIntosh) NDB.
R10 has been revoked from Enderby NDB to PIGEN intxn to Calgary NDB to SLOAN intxn to Saskatoon NDB to The Pas NDB.
V325 has been revoked from The Pas VOR/DME to La Ronge VOR/DME.
V328 has been revoked from Prince Albert VOR/DME to The Pas VOR/DME.
V344 has been revoked from The Pas VOR/DME to Yorkton VOR/DME.
V345 has been revoked from Empress VOR/DME to Swift Current VOR/DME.

SASKATCHEWAN - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

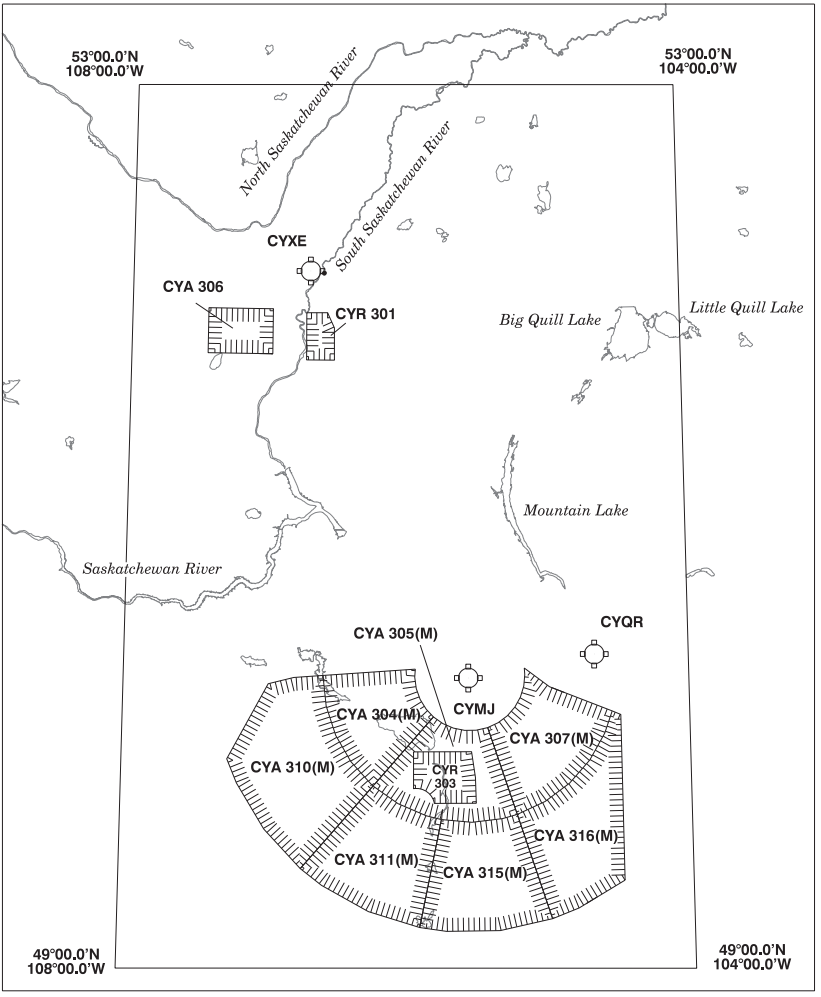
SASKATCHEWAN – CABLE CROSSINGS

LOCATION	HIGHEST PART ASL	(N)LAT	(W)LONG

SASKATCHEWAN - HAZARDS TO AIRCRAFT OPERATIONS

The MOOSE JAW MILITARY LOW LEVEL FLYING AREA depicted on the following map contains military flying activity from the surface up to 10,000 feet ASL. The Flying Area is located within the area bounded by a line drawn from N49 00 W104 00 to N49 00 W108 00 to N53 00 W108 00 to N53 00 to W104 00 to origin.

Military aircraft conduct low level high speed exercises in the area under visual flight rules. The area is used normally Mon - Fri 1400Z - 0030Z but may be used at other times during daylight hours without notice. Details of use may be obtained by calling 15 Wing Operations at (306) 694-2888 or if enroute by contacting Moose Jaw Tower on 126.2 when tower is in operation.



SASKATCHEWAN – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

SASKATCHEWAN – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CKC7	3469	593	N49 23 09	W105 40 18
16.7NE				
CJD3	1833	353	N53 01 04	W105 05 17
13.0E				
CYBU	1733	397	N53 20 06	W104 09 02
5.1W				

MANITOBA

MANITOBA - AIR NAVIGATION RADIO AIDS

Gillam DME ident "GX" freq 114.4 at N56 21 27 W94 42 14 has been redesignated as "YGU".
Headframe (Thompson) NDB ident "ZTH" freq 276 at N55 49 54 W97 45 42 has been decommissioned.
Island Lake DME ident "IV" freq 116.0 at N53 51 12 W94 39 12 has been redesignated as "YIL"
Kelsey NDB ident "4W" freq 391 at N56 02 15 W96 30 46 has been decommissioned.
Langruth VOR ident "VLR" freq 112.2 at N50 25 20 W98 43 25 has been decommissioned.
Lynn Lake NDB ident "YL" freq 395 at N56 49 51 W101 04 13 has been decommissioned.
Norway House DME ident "NE" freq 115.1 at N53 58 19 W97 50 30 has been redesignated as "YNQ".
Norway House NDB ident "YNE" freq 207 at N53 58 20 W97 50 25 has been decommissioned.
The Pas NDB ident "QD" freq 284 at N53 58 43 W101 04 51 has been decommissioned.
The Pas VOR ident "YQD" freq 113.6 at N53 58 25 W101 06 00 has been decommissioned.

MANITOBA - AIRSPACE DESIGNATIONS

A11 has been revoked from Flin Flon NDB to Lynn Lake NDB.
AR6 has been revoked from Stony Rapids NDB to Wollaston Lake NDB to Lynn Lake NDB.
AR7 has been revoked from Winnipeg NDB to Island Lake NDB.
B6 has been revoked from Prince Albert NDB to Flin Flon NDB.
BR2 has been revoked from Thompson NDB to Island Lake NDB to Round Lake ON NDB.
BR5 has been revoked from Norway House NDB to Island Lake NDB.
BR6 has been revoked from Norway House NDB to Gillam NDB.
BR13 has been revoked from Thompson NDB to Red Lake NDB.
GR11 has been revoked from Fort McMurray VOR/DME to Key Lake VOR/DME to Lynn Lake VOR/DME.
R10 has been revoked from Saskatoon NDB to The Pas NDB to Norway House NDB.
RR11 has been revoked from Norway House NDB to Red Lake NDB.
V300 has been revoked from Langruth VOR/DME to Winnipeg VORTAC to Sioux Narrows VOR/DME.
V302 has been revoked from Langruth VOR/DME to Sioux Narrows VOR/DME.
V304 has been revoked from PRADA intxn to Sioux Narrows (Kenora) VOR/DME.
V306 has been revoked from Langruth VOR/DME to Dauphin VOR/DME to Yorkton SK VOR/DME.
V325 has been revoked from The Pas VOR/DME to La Ronge VOR/DME.
V327 has been revoked from Dauphin VOR/DME to The Pas VOR/DME to Flin Flon NDB.
V328 has been revoked from The Pas VOR/DME to Thompson VOR/DME.
V344 has been revoked from Lynn Lake VOR/DME to The Pas VOR/DME.
V353 has been revoked from Brandon VOR/DME to ETMOM intxn to Langruth VOR/DME.

MANITOBA - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).
Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

MANITOBA - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES

MANITOBA - CONSERVATION

MANITOBA – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

MANITOBA – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CKZ7	1177	341	N49 11 57	W97 47 48
5.1ENE				
CJS9	1294	425	N50 15 06	W95 57 26
2.5SE				
CKJ5	1126	401	N50 36 55	W96 23 20
13.0WNW				
CPV7	1602	510	N52 06 02	W94 17 52
1.7WSW				

ONTARIO

ONTARIO - AIR NAVIGATION RADIO AIDS

Coehill VOR ident "VIE" freq 115.1 at N44 39 39 W77 53 17 has been decommissioned.
Kingston NDB ident "YGK" freq 263 at N44 17 49 W76 36 16 has been decommissioned.
Moody (Ottawa/Macdonald-Cartier Intl) NDB ident "ZOW" freq 344 at N45 16 40 W75 45 00 has been decommissioned.
Oshawa NDB ident "OO" freq 391 at N43 55 15 W78 54 00 has been decommissioned.
Ottawa NDB ident "OW" freq 236 at N45 21 37 W75 33 40 has been decommissioned.
Ottawa VOR ident "YOW" freq 114.6 at N45 26 30 W75 53 49 has been decommissioned.
Round Lake NDB ident "ZRJ" freq 236 at N52 56 55 W91 19 26 has been decommissioned.
Sioux Narrows VOR ident "VBI" freq 115.2 at N49 28 37 W94 02 48 has been decommissioned.
Webequie NDB ident "YWP" freq 355 at N52 57 41 W87 22 12 has been decommissioned.
Windsor NDB ident "QG" freq 353 at N42 18 46 W82 52 07 has been decommissioned.

ONTARIO - AIRSPACE DESIGNATIONS

AR9 has been revoked from Moosonee NDB to Wapisk (Attawapiskat) NDB to Peawanuck NDB to Fort Severn NDB.
BR2 has been revoked from Thompson MB NDB to Island Lake MB NDB to Round Lake NDB.
BR5 has been revoked from Sandy Lake NDB to Red Lake NDB.
BR13 has been revoked from Thompson NDB to Red Lake NDB.
RR3 has been revoked from Sandy Lake NDB to Round Lake NDB.
RR11 has been revoked from Norway House NDB to Red Lake NDB.
V36 has been revoked from Wiarton VOR/DME to BIGBE intxn.
V300 has been revoked from Winnipeg VORTAC to Sioux Narrows VOR/DME to ALMEX intxn to Thunder Bay VOR/DME.
V129 has been revoked from Sioux Narrows VOR/DME to Can/USA bdry.
V302 has been revoked from Langruth VOR/DME to Sioux Narrows VOR/DME.
V304 has been revoked from PRADA intxn to Sioux Narrows (Kenora) VOR/DME to Red Lake VOR/DME.
V346 has been revoked from BOBRA intxn to Ottawa VOR/DME to St-Jean VORTAC to Beauce VOR/DME.
Sioux Lookout Control Zone Class "E" Transponder Airspace Area has been designated as follows: 3000' and above.
Sioux Lookout Transition Area Class "E" Transponder Airspace Area has been designated as follows: 4000' and above.
Sioux Lookout Control Area Extension Class "E" Transponder Airspace Area has been designated as follows: 5000' and above.
Sioux Lookout Control Area Extension Class "E" Transponder Airspace Area has been designated as follows: 5000' and above.

ONTARIO - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

CYA521(M) North Bay has been redesignated as follows: The airspace within the area bounded by a line beginning at: N46°32'17.00 W079°51'34.00 to N46°56'00.00 W080°46'00.00 to N47°22'08.00 W080°51'54.00 to N47°47'17.00 W080°07'47.00 to N47°23'00.00 W079°57'40.00 to N46°53'50.00 W079°42'00.00 to N46°40'27.00 W079°38'27.00 to N46°32'17.00 W079°51'34.00 point of beginning
Designated Altitude - 7000´ to FL 250

CYR537 Parliament Hill has been redesignated as follows: The airspace within the area bounded by a circle of: 0.4 mile radius centred on N45°25'29.05 W075°41'56.74.

Designated Altitude - Surface to 3000'

Time of Designation - Cont

ONTARIO - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES

ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS

Military Training Route (MTR) 601

The area identified as MTR 601 contains military training activity from 500 feet AGL to 3000 feet ASL, within 4 NM of the centreline in IFR or VFR conditions. Non-participating pilots are urged to exercise caution in the vicinity of this route. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - MTR1, MTR2, MTR3, MTR4, IPTE, DZT

MTR1	N43 59.90	W077 40.50	Presqu'ile Point
MTR2	N43 54.90	W077 31.80	Nicholson Island
MTR3	N43 49.50	W077 09.20	Point Petre
MTR4	N43 55.60	W076 51.00	False Duck Island
IPTE	N44 09.40	W077 12.70	IP DZ Terreau East
DZT	N44 04.11	W077 20.61	DZ Terreau

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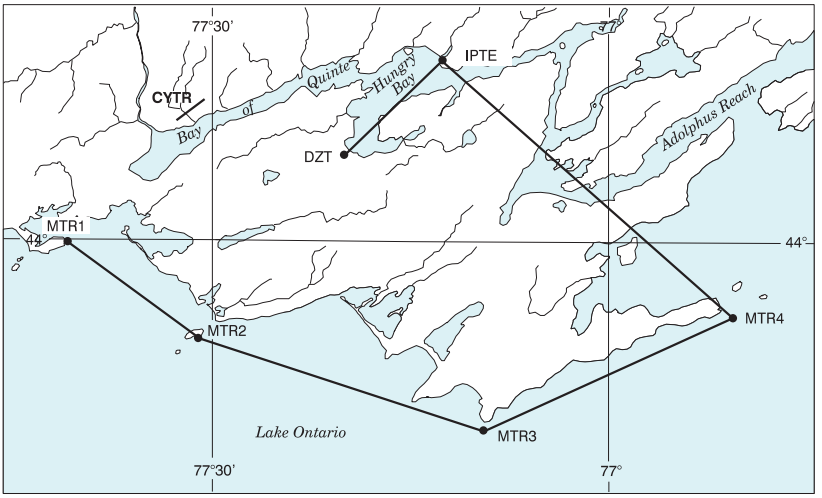

ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 601A - IFR Airdrop with 15 NM run-in to DZ Terreau

The area identified as MTR 601A contains military training activity from 500 feet AGL to 3000 feet ASL, within 4 NM of the centreline in IFR or VFR conditions. Non-participating pilots are urged to exercise caution in the vicinity of this route. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - MTR1, MTR2, MTR3, MTR4, IDP4, IDP2, DZT

MTR1	N43 59.90	W077 40.50	Presqu'ile Point
MTR2	N43 54.90	W077 31.80	Nicholson Island
MTR3	N43 49.50	W077 09.20	Point Petre
MTR4	N43 55.60	W076 51.00	False Duck Island
IDP4	N44 07.83	W076 52.43	Waypoint
IDP2	N44 14.46	W077 05.48	Waypoint
DZT	N44 04.11	W077 20.61	DZ Terreau

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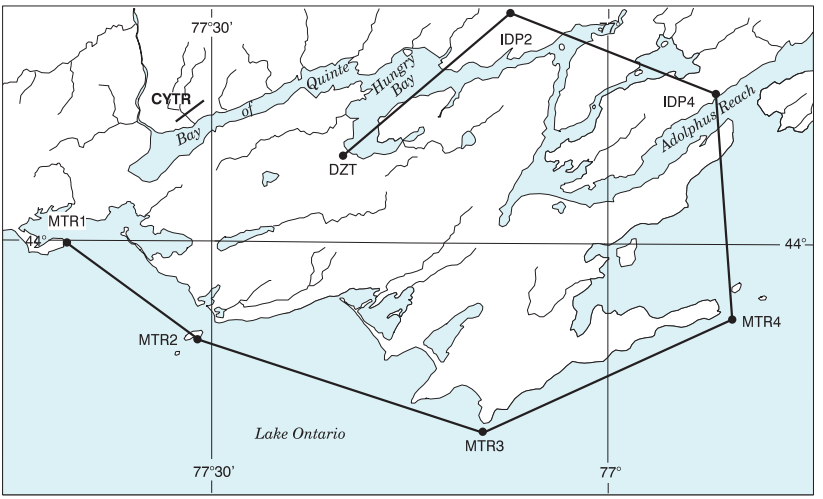


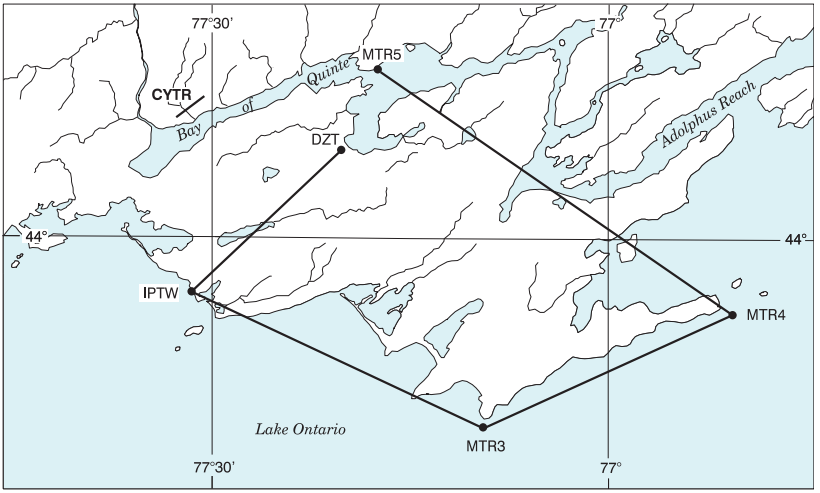
ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 602

The area identified as MTR 602 contains military training activity from 500 feet AGL to 3000 feet ASL, within 4 NM of the centreline in IFR or VFR conditions. Non-participating pilots are urged to exercise caution in the vicinity of this route. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - MTR5, MTR4, MTR3, IPTW, DZT

MTR5	N44 09.40	W077 17.80	Waypoint
MTR4	N43 55.60	W076 51.00	False Duck Island
MTR3	N43 49.50	W077 09.20	Point Petre
IPTW	N43 57.07	W077 31.42	IP DZ Terreau West
DZT	N44 04.11	W077 20.61	DZ Terreau



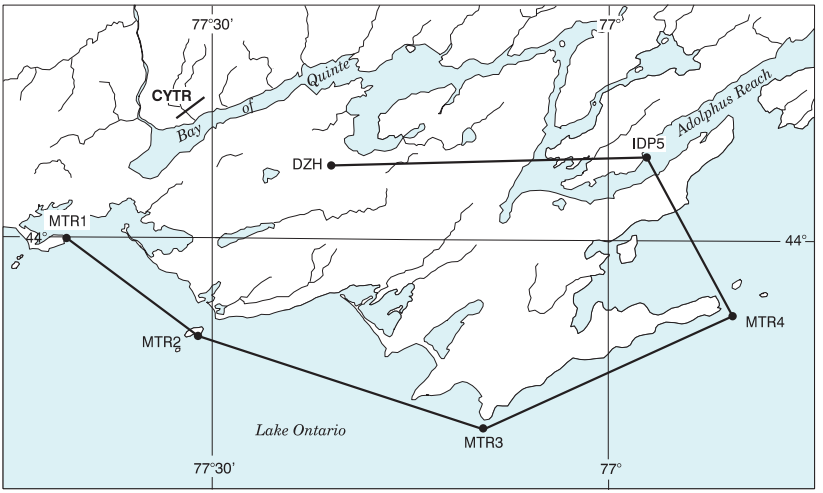
ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 603

The area identified as MTR 603 contains military training activity from 500 feet AGL to 3000 feet ASL, within 4 NM of the centreline in IFR or VFR conditions. Non-participating pilots are urged to exercise caution in the vicinity of this route. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - MTR1, MTR2, MTR3, MTR4, IDP5, DZH

MTR1	N43 59.90	W077 40.50	Presqu'ile Point
MTR2	N43 54.90	W077 31.80	Nicholson Island
MTR3	N43 49.50	W077 09.20	Point Petre
MTR4	N43 55.60	W076 51.00	False Duck Island
IDP5	N44 04.54	W076 57.22	Waypoint
DZH	N44 04.26	W077 21.16	DZ Hodgson



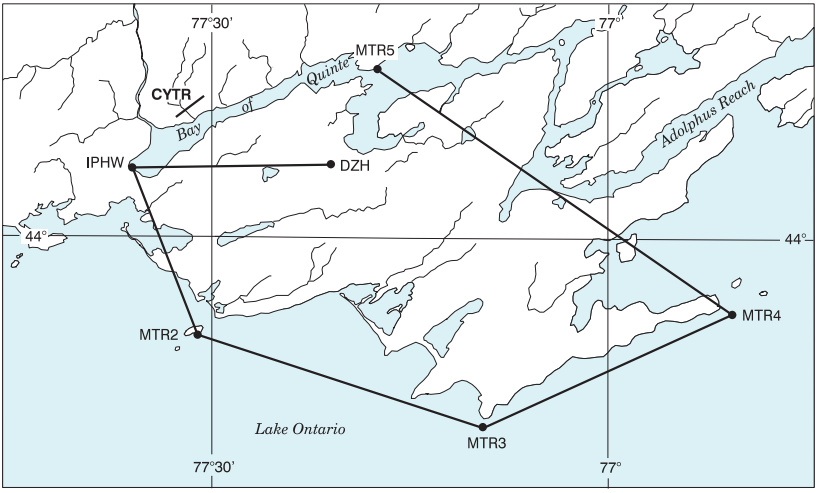
ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 604

The area identified as MTR 604 contains military training activity from 500 feet AGL to 3000 feet ASL, within 4 NM of the centreline in IFR or VFR conditions. Non-participating pilots are urged to exercise caution in the vicinity of this route. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - MTR5, MTR4, MTR3, MTR2, IPHW, DZH

MTR5	N44 09.40	W077 17.80	Waypoint
MTR4	N43 55.60	W076 51.00	False Duck Island
MTR3	N43 49.50	W077 09.20	Point Petre
MTR2	N43 54.90	W077 31.80	Nicholson Island
IPHW	N44 03.70	W077 35.60	IP DZ Hodgson West
DZH	N44 04.26	W077 21.16	DZ Hodgson



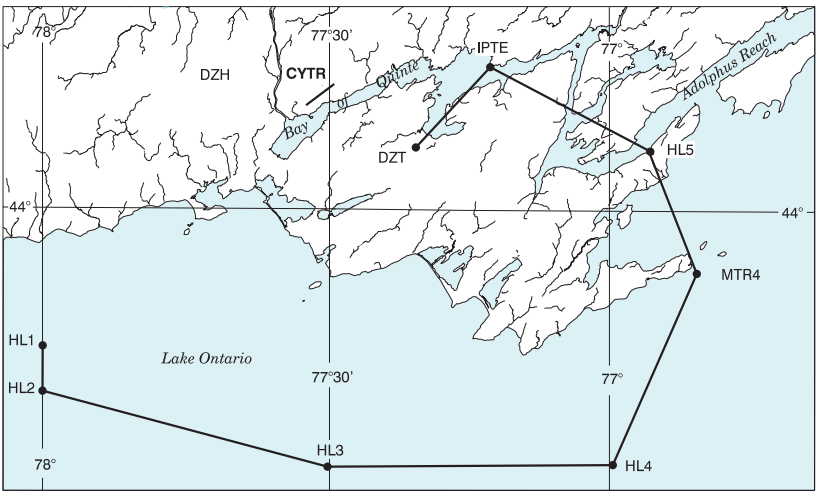
ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 605 - Hi-Low Transition Route - Visual Airdrop

The area identified as MTR 605 contains military training activity from 500 feet AGL to 13,000 feet ASL, within 2 NM of the centreline in IFR or VFR conditions. This route shall only be planned with weather that will permit a visual drop. Descent commences between MTR4 and HL5 to minimum altitudes (500'/1000' AGL) for subsequent legs. If continuing VMC is anticipated, IFR may be cancelled and the drop conducted visually. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - HL1, HL2, HL3, HL4, MTR4, HL5, IPTE, DZT

HL1	N43 51.00	W078 00.00	Waypoint
HL2	N43 48.00	W078 00.00	Waypoint
HL3	N43 43.00	W077 30.00	Waypoint
HL4	N43 43.00	W077 00.00	Waypoint
MTR4	N43 55.60	W076 51.00	False Duck Island
HL5	N44 03.80	W076 56.00	Waypoint
IPTE	N44 09.40	W077 12.70	IP DZ Terreau East
DZT	N44 04.11	W077 20.61	DZ Terreau



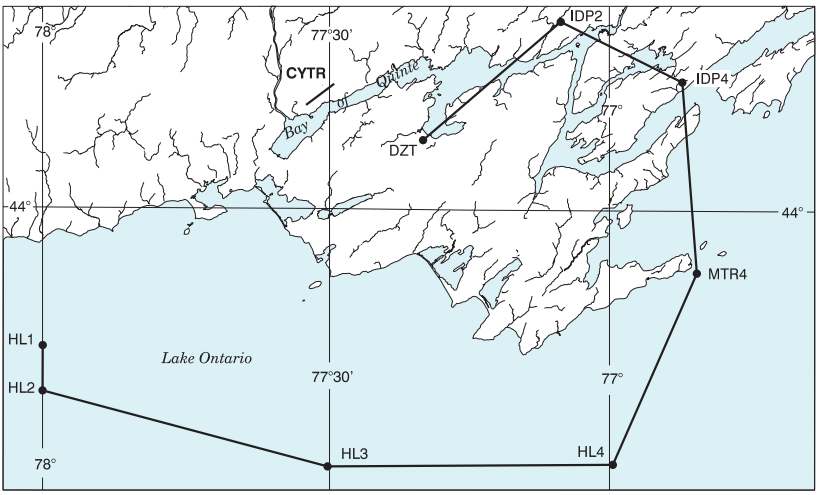
ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

Military Training Route (MTR) 605A - Hi-Low Transition Route (HLTR) - IMC Airdrop

The area identified as MTR 605A contains military training activity from 500 feet AGL to 13,000 feet ASL, within 2 NM of the centreline in IFR or VFR conditions. This route shall only be planned when IMC conditions exist. Descent commences past HL4 to 2500 ASL UNTIL West of the Tyendinaga ROZ (2 NM). Aircraft will descend to min IFR (1700' ASL) for airdrop once 8 NM from DZ Terreau. If continuing VMC is anticipated, IFR may be cancelled and the drop conducted visually. Activation of this route will be advertised on CYTR ATIS frequency 135.45 or 257.7 MHz.

Routing - HL1, HL2, HL3, HL4, MTR4, IDP4, IDP2, DZT

HL1	N43 51.00	W078 00.00	Waypoint
HL2	N43 48.00	W078 00.00	Waypoint
HL3	N43 43.00	W077 30.00	Waypoint
HL4	N43 43.00	W077 00.00	Waypoint
MTR4	N43 55.60	W076 51.00	False Duck Island
IDP4	N44 07.83	W076 52.43	Waypoint
IDP2	N44 14.46	W077 05.48	Waypoint
DZT	N44 04.11	W077 20.61	DZ Terreau



ONTARIO – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

ONTARIO – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CHL4	1079	305	N42 46 31	W80 23 40
1.7SSE				
CYQS	1364	558	N42 50 50	W81 08 54
4.9NNW				
CNG8	963	341	N43 05 19	W79 05 10
1.1SSE				
CYSN	516	210	N43 10 02	W79 11 44
1.8SW				
CWD3	1787	1000	N43 18 14	W79 57 41
1.7SW				
CPL4	932	312	N43 18 18	W81 44 08
1.4NW				
CNT6	1902	600	N43 27 03	W80 36 03
8.0S				
CYKF	1567	485	N43 27 06	W80 29 50
5.2W				
CPK6	1230	718	N43 34 58	W79 38 48
2.8ENE				
CPK6	1034	521	N43 35 00	W79 38 47
2.8ENE				
CPY5	802	359	N43 35 17	W79 37 36
3.3WSW				
CPY5	1010	555	N43 35 25	W79 37 53
3.4WSW				
CPA5	957	395	N43 36 29	W79 39 20
2.6S				
CTM4	626	377	N43 38 31	W79 22 25
0.8SSE				
CNW8	1292	1010	N43 38 50	W79 23 19
0.6S				
CNW8	801	515	N43 38 50	W79 23 31
0.6SSW				
CPY5	704	303	N43 38 54	W79 31 36
2.4NE				
CPY5	864	513	N43 38 57	W79 29 08
3.9ENE				
CTM4	597	344	N43 38 58	W79 21 40
0.8ESE				
CTM4	675	414	N43 39 03	W79 22 03
0.5ESE				
CTM4	632	363	N43 39 08	W79 21 55
0.6ESE				
CTM4	642	361	N43 39 14	W79 22 26
0.2E				
CNW8	915	605	N43 39 19	W79 23 16
0.1S				

ONTARIO – SIGNIFICANT OBSTRUCTIONS (Cont'd)

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CNW8 2.1W	774	409	N43 39 31	W79 26 11
CNW8 2.1W	731	361	N43 39 34	W79 26 08
CNW8 0.9NW	718	341	N43 40 03	W79 24 08
CNW8 0.9N	1088	707	N43 40 17	W79 23 20
CNW8 1.8N	797	340	N43 41 10	W79 23 30
CNY8 4.0ESE	845	417	N43 41 16	W79 17 50
CNW8 1.9N	996	509	N43 41 20	W79 23 41
CNY8 1.4SW	944	431	N43 42 17	W79 23 51
CNY8 1.9E	787	370	N43 42 59	W79 19 58
CPA3 7.0SSE	1706	310	N43 44 08	W80 46 02
CYZD 2.6ENE	1131	553	N43 45 39	W79 24 41
CYZD 2.8NE	923	347	N43 46 18	W79 24 51
CYZD 3.2NE	957	323	N43 46 46	W79 24 47
CYZD 4.4NW	1106	471	N43 47 11	W79 32 51
CBP7 2.9W	1199	295	N44 12 12	W78 52 31
CLL5 1.7N	945	310	N44 16 16	W78 03 56
CPJ5 3.8NE	1166	407	N44 17 20	W77 30 09
CPU6 10.0NNW	846	305	N44 20 46	W77 09 49
CKP4 5.2SE	1230	300	N44 25 36	W78 53 40
CYVV 1.3SW	820	131	N44 43 51	W81 07 59
CBG6 10.8W	1240	305	N44 48 42	W77 10 58
CYSH 8.8SE	683	305	N44 49 46	W75 48 50
CNC9 13.6W	1060	305	N44 54 22	W76 34 22
CWH4 8.1NW	632	302	N45 11 27	W75 28 44
CPR2 6.8W	653	318	N45 14 35	W75 27 29
CNS4 5.9SE	535	305	N45 16 00	W74 30 48

ONTARIO – SIGNIFICANT OBSTRUCTIONS (Cont'd)

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CSF7	604	342	N45 25 15	W75 19 47
9.9NW				
CYND	669	354	N45 29 12	W75 22 17
8.4ESE				
CNG5	838	310	N45 47 22	W77 11 03
3.6WSW				
CPH2	1188	651	N46 02 40	W77 28 04
5.1SSE				
CMA5	1225	425	N46 17 13	W78 40 35
2.1SE				
CSU8	1276	338	N46 25 52	W81 01 27
1.4SE				
CJC7	1925	609	N48 48 29	W93 53 09
7.5SSW				
CYSP	1999	316	N48 48 40	W86 26 03
4.8NW				
CPV8	1343	372	N52 59 47	W92 48 49
0.9ENE				
CNM5	1018	139	N53 02 29	W89 55 26
3.0NW				
CYTL	732	30	N53 48 53	W89 53 21
0.3SE				

QUEBEC

QUEBEC - AIR NAVIGATION RADIO AIDS

Aupaluk NDB ident "YLA" freq 248 at N59 18 11 W69 36 03 has been decommissioned.
Fontanges NDB ident "5Q" freq 239 at N54 33 36 W71 10 16 has been decommissioned.
Hauts-Bois (Montréal/St-Hubert) NDB ident "ZHU" freq 407 at N45 33 51 W73 20 49 has been decommissioned.
La Grande-4 NDB ident "YFM" freq 332 at N53 42 41 W73 42 11 has been decommissioned.
Lebel-Sur-Quévillon NDB ident "2H" coordinates changed to N49 02 09 W77 01 12.
Rivière-du-Loup VOR ident "YRI" freq 113.9 at N47 45 23 W69 35 19 has been decommissioned.
Saguenay VOR ident "VBS" freq 114.2 at N48 01 02 W71 16 09 has been decommissioned.
Saguenay DME ident "VBS" freq 114.2 at N48 01 02 W71 16 09 has been redesignated as "YUC".
Schefferville (Squaw) NDB ident "KR" freq 323 at N54 47 57 W66 48 13 has been decommissioned.
Schefferville VOR/DME ident "YKL" freq 112.7 at N54 48 52 W66 45 18 has been decommissioned.
Sept-Îles VOR ident "YZV" freq 114.5 at N50 13 56 W66 16 25 has been decommissioned.
St-Augustin NDB ident "YIF" freq 201 at N51 11 19 W58 39 07 has been decommissioned.
Tasiujaq NDB ident "YTQ" freq 212 at N58 40 16 W69 56 47 has been decommissioned.

QUEBEC - AIRSPACE DESIGNATIONS

AR11 has been revoked from KAVPO intxn to Schefferville VOR/DME to SERNI intxn to Kujack VOR/DME.
AR13 has been revoked from Kangirsuk NDB to Quaqtaq NDB.
AR40 has been revoked from Tasiujaq NDB to Aupaluk NDB.
AR41 has been revoked from Sanikiluaq NDB to Umiujaq NDB.
AR42 has been revoked from La Grande-4 NDB to Fontanges NDB.
BR14 has been revoked from Eastmain NDB to Wemindji NDB.
G2 has been revoked from Earlton NDB to Rouyn NDB.
RR12 has been revoked from La Grande Rivière NDB to La Grande-3 NDB to La Grande-4 NDB.
RR23 has been revoked from Chiboo (Chapais) NDB to La Grande-4 NDB to Squaw (Schefferville) NDB to Churchill Falls NL NDB.
V316 has been revoked from Quebec VORTAC to SIMTO intxn to Riviere-du-Loup VOR to DUVAG intxn to Baie-Comeau VOR/DME to Sept-Îles VOR/DME.
V346 has been revoked from BOBRA intxn to Ottawa VOR/DME to St-Jean VORTAC to Beauce VOR/DME.
V360 has been redesignated from Wabush VOR/DME to ELINU intxn.
V360 has been revoked from Baie-Comeau VOR/DME to Sept-Îles VOR/DME.
V372 has been redesignated from Val-d'Or VOR/DME to TAGET intxn.
V380 has been revoked from Charlottetown VOR/DME to Gaspe VOR/DME.
V380 has been redesignated from Sept-Îles VOR/DME to Gaspe VOR/DME.
V380 has been redesignated from Gaspe VOR/DME to AVRON intxn to MEPNA intxn.
V386 has been revoked from Saguenay VOR/DME to Roberval NDB.

QUEBEC - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

QUEBEC - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES

QUEBEC - BLASTING OPERATIONS (Cont'd)

CTA5 9.0WNW	0.5NM Radius Sfc to 2000 AGL	N48 07 41	W78 06 04
CYGV 18.1NNE	1.1NM Radius Sfc to 3281 AGL	N50 33 20	W63 24 52
CSD5 7.6WNW	1.5NM Radius Sfc to 4200 AGL	N52 50 12	W67 18 16
CSZ9 17.2WNW	0.54NM Radius Sfc to 656 AGL	N54 59 09	W67 12 57
CSZ9 20.4NW	0.54NM Radius Sfc to 656 AGL	N55 01 28	W67 16 59
CSZ9 22.7NW	0.54NM Radius Sfc to 984 AGL	N55 04 31	W67 17 45
CTP9 22.5WSW	0.49NM Radius Sfc to 3000 AGL	N61 29 26	W74 01 01
CTP9 15.6SW	0.49NM Radius Sfc to 3000 AGL	N61 30 32	W73 45 43
CTP9 15.6SW	0.49NM Radius Sfc to 3000 AGL	N61 30 58	W73 46 09
CTP9 16.0WSW	0.49NM Radius Sfc to 3000 AGL	N61 31 03	W73 47 20
CTP9 10.7SW	0.49NM Radius Sfc to 3000 AGL	N61 32 41	W73 36 00
CTP9 7.6SSW	0.49NM Radius Sfc to 3000 AGL	N61 33 24	W73 28 03
CTP9 5.6SSE	0.49NM Radius Sfc to 3000 AGL	N61 34 28	W73 15 19
CTP9 5.8SSE	0.49NM Radius Sfc to 3000 AGL	N61 34 44	W73 13 11

QUEBEC - CABLE CROSSINGS

LOCATION	HEIGHT ASL	(N)LAT	(W)LONG

QUEBEC – CONSERVATION

QUEBEC - HAZARDS TO AIRCRAFT OPERATIONS

Hang Gliding and Soaring Areas

Pilots are cautioned to either avoid or use extreme caution when flying in or near these areas in VFR weather conditions. Winch launches by cables up to 2,000 AGL.

NAME	POSITION	OPERATING TIMES
Trois-Rivières (Soaring)	3NM around A/D up to 3000 ASL	Daily Sat, Sun & hols, mid-Apr to mid-Jun & mid-Aug to end of Oct

QUEBEC – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

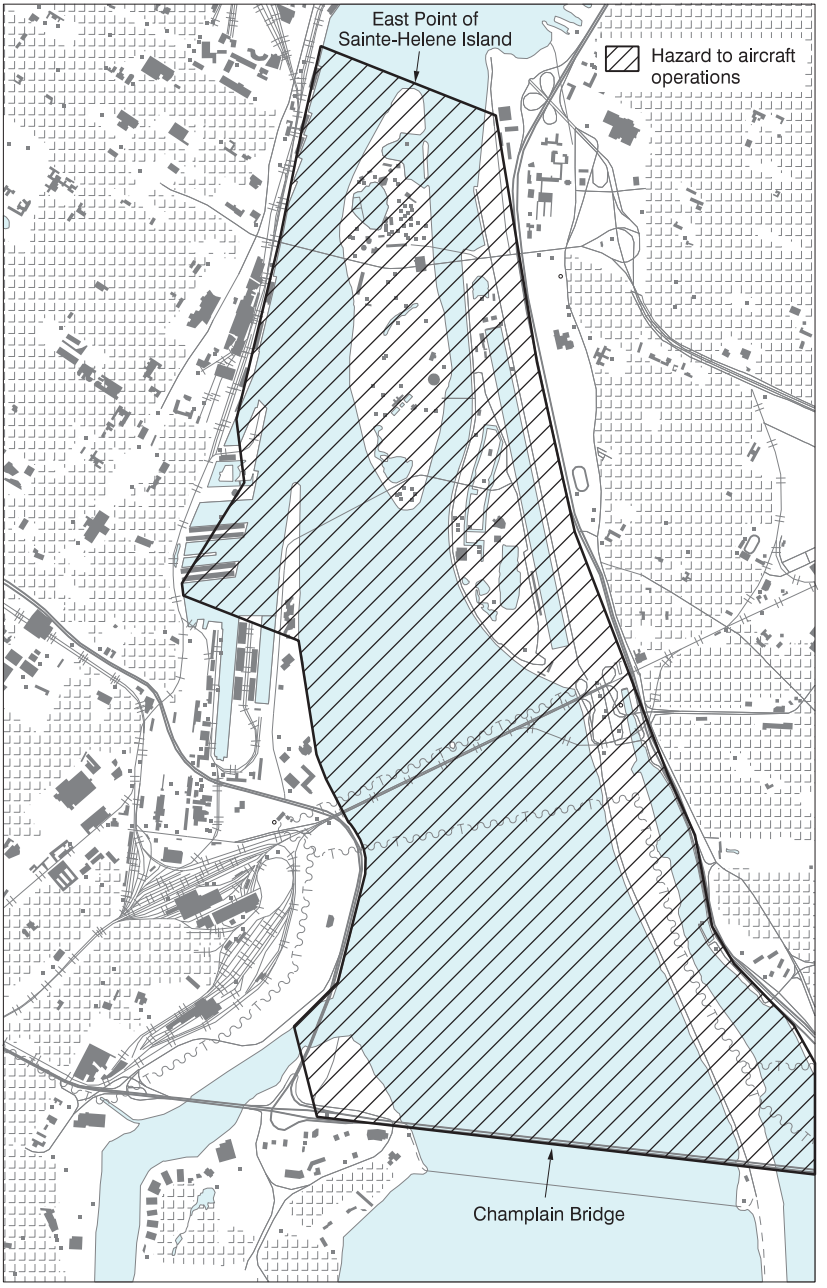
SAINT-LAWRENCE SEAWAY

Because of strong currents, Saint-Lawrence Seaway, vessels and pleasure crafts, as well as Special Events such as Canadian Grand Prix, l'International des Feux Loto-Québec, etc., no seaplane activity is permitted on water between Champlain Bridge and the East Point of Sainte-Helene Island (La Ronde) without the written permission of Transport Canada, Montreal Port Authority and the owner of docking facilities.

Initial request must first be sent to Transport Canada through: CSVA-VSCA@tc.gc.ca

QUEBEC – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd)

SAINT-LAWRENCE SEAWAY



QUEBEC – SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

QUEBEC – SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CYJN	302	135	N45 17 49	W73 18 33
1.8W				
CYHU	136	53	N45 30 39	W73 24 36
0.5SE				
CPZ6	387	286	N45 32 00	W73 39 57
0.4WNW				
CLS7	1496	305	N45 50 44	W75 03 19
4.4SSE				
CYMW	1221	403	N46 04 38	W75 36 08
20.0SE				
CBS6	1406	297	N46 07 01	W76 14 16
8.9WSW				
CYMW	1168	310	N46 19 33	W75 52 22
5.8ENE				
CPT9	443	180	N46 45 25	W71 07 16
0.5W				
CYOY	1717	406	N47 02 27	W71 25 29
8.9NNE				
CYGR	460	401	N47 12 54	W61 57 05
14.5SSW				
CTH6	1686	305	N47 31 17	W72 42 46
4.5NE				
CTM8	1479	364	N47 53 15	W68 39 28
15.0NE				
CYCL	2162	410	N48 08 08	W66 07 04
12.2NE				
CYME	1377	349	N48 41 07	W67 21 13
11.0SSE				
CYHH	1809	451	N51 44 24	W76 05 50
3.3NNE				
CSD5	2717	322	N52 20 19	W67 18 03
29.0SSW				
CEL8	1978	315	N52 39 14	W74 57 26
41.2E				
CSD5	2822	262	N52 49 11	W67 14 01
4.9W				
CPM3	1719	302	N54 09 19	W72 33 27
23.5NNE				
CYVP	643	197	N58 09 24	W68 24 23
3.8N				
CYVP	725	197	N58 13 38	W68 21 33
8.2NNE				
CYAS	482	197	N60 01 02	W69 54 56
2.6ESE				

MARITIME PROVINCES

MARITIME PROVINCES - AIR NAVIGATION RADIO AIDS

Alpine (Saint John) NDB ident "ZST" freq 397 at N45 13 40 W65 57 30 has been decommissioned
Bathurst NDB ident "1F" freq 363 at N47 37 50 W65 44 41 has been decommissioned.
Charlottetown VOR ident "YYG" freq 113.8 at N46 17 52 W63 07 11 has been decommissioned.
Fredericton NDB ident "FC" freq 326 at N45 55 02 W66 36 00 has been decommissioned.
Fredericton VOR/DME ident "YFC" freq 113.0 at N45 53 41 W66 25 08 has been decommissioned.
Lewisville (Moncton) NDB ident "ZMN" freq 366 at N46 06 16 W64 47 30 has been decommissioned.
Miramichi NDB ident "F9" freq 520 at N47 00 36 W65 28 03 has been decommissioned.
Moncton NDB ident "QM" freq 224 at N46 06 38 W64 34 55 has been decommissioned.
Moncton VOR/DME ident "YQM" freq 117.3 at N46 11 20 W64 34 15 has been decommissioned.
Riverview (Moncton) NDB ident "ZQM" freq 304 at N46 02 19 W64 46 59 has been decommissioned.
Saint John NDB ident "SJ" freq 212 at N45 23 30 W65 49 08 has been decommissioned.
Saint John VOR/DME ident "YSJ" freq 113.5 at N45 24 26 W65 52 15 has been decommissioned.
Sydney NDB ident "QY" freq 263 at N46 12 41 W59 58 32 has been decommissioned.
Sydney VOR ident "YQY" freq 114.9 at N46 09 12 W60 03 21 has been decommissioned.

MARITIME PROVINCES - AIRSPACE DESIGNATIONS

A3 has been revoked from Moncton NDB to Greenwood NDB.
A8 has been revoked from Moncton NDB to Miramichi NDB.
V300 has been revoked from KESTI intxn to Fredericton NDB to FRENN intxn to ITPAX intxn to Moncton VOR/DME to Charlottetown VOR/DME to Sydney VOR/DME.
V310 has been revoked from FRENN intxn to Saint John VOR/DME to CAAPE intxn to ARDEE intxn to Halifax VOR/DME to PAULO intxn to NUTBY intxn to Charlottetown VOR/DME.
V311 has been revoked from Saint John VOR/DME to Moncton VOR/DME.
V312 has been revoked from Halifax VOR/DME to IGTAS intxn to NOTOP intxn to Sydney VOR/DME to ATLAN intxn.
V313 has been revoked from Moncton VOR/DME to Halifax VOR/DME.
V318 has been revoked from MOWND intxn to Saint John VOR/DME.
V319 has been revoked from Sydney VOR/DME to UMETI intxn.

MARITIME PROVINCES - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

MARITIME PROVINCES - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES
CFR3	0.66NM Radius	N44 44 42 W63 36 46
2.7SSE	Sfc to 300 AGL	

MARITIME PROVINCES - SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

MARITIME PROVINCES - SIGNIFICANT OBSTRUCTIONS

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CIW2	433	312	N44 30 26	W63 51 34
14.1WSW				
CFR3	1027	394	N44 50 16	W63 52 42
10.6WNW				
CDL8	991	361	N45 11 42	W62 52 29
16.8SW				
CDB5 (wind turbines)	1760	410	N45 47 42	W64 53 44
16.8SSE				
CYFC	396	250	N45 52 10	W66 36 37
3.1W				
CYQM	344	179	N46 06 45	W64 42 07
1.0WSW				
CDT5	476	315	N46 22 14	W64 44 41
8.6SSW				
CDA4	375	303	N47 22 48	W64 58 56
20.6SSW				

NEWFOUNDLAND & LABRADOR

NEWFOUNDLAND & LABRADOR - AIR NAVIGATION RADIO AIDS

Williams Harbour NDB ident "1A" freq 373 at N52 33 34 W55 46 55 has been decommissioned.

NEWFOUNDLAND & LABRADOR - AIRSPACE DESIGNATIONS

AR10 has been revoked from Quaqtaq NDB to Frobay (Iqaluit) NDB.

AR11 has been revoked from Wabush VOR/DME to KAVPO intxn.

BR20 has been revoked from Quaqtaq NDB to Frobay (Iqaluit) NDB.

R14 has been revoked from Sydney NDB to Argentia NDB to Wabana (St. John's Intl) NDB.

RR23 has been revoked from La Grande-4 QC NDB to Squaw (Schefferville) QC NDB to Churchill Falls NL NDB.

V312 has been revoked from Sydney VOR/DME to ATLAN intxn to Torbay VOR/DME.

V319 has been revoked from Sydney VOR/DME to UMETI intxn.

V331 has been revoked from Wabush VOR/DME to Churchill Falls NDB to Goose Bay VOR/DME.

V360 has been revoked from Wabush VOR/DME to Eric (Poste Montagnais) NDB.

NEWFOUNDLAND & LABRADOR - DANGER, RESTRICTED, ADVISORY & MILITARY OPERATIONS AREAS

All altitudes will be inclusive unless otherwise indicated, i.e. (5000´ to 10,000´). To indicate when either the bottom or upper altitude is not included, the words below and above are to be placed before the appropriate altitude, i.e. (above 5000´ to 10,000´) or (5000´ to below 10,000´).

Any NOTAM regarding Canadian Danger, Restricted or Advisory Areas are issued under the appropriate NOTAM series, in accordance with their dissemination category. Refer to AIP Canada (ICAO) GEN 3.1.3.4.

CYR727 Goose Bay has been redesignated as follows:

AREA 2: The airspace within the area bounded by a circle of 16 miles radius centred on N52 17 23 W60 57 14, excluding the area within CYR750.

Designated Altitude – Surface to FL 280

Time of Designation – Ocsl by NOTAM

NEWFOUNDLAND & LABRADOR - BLASTING OPERATIONS

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES	
CCT5 43.4SSE	0.3NM Radius Sfc to 656 AGL	N48 21 31	W57 11 05
CCT5 43.1SSE	0.3NM Radius Sfc to 656 AGL	N48 23 35	W57 05 55
CCT5 35.5ESE	0.1NM Radius Sfc to 492 AGL	N48 42 36	W56 52 03

NEWFOUNDLAND & LABRADOR - SIGNIFICANT OBSTRUCTIONS

The following known obstructions 300´ or higher, and significant obstructions less than 300´ for a VNC Chart will be published on the next applicable chart revision. The cardinal direction in True North and nautical mile distance shown is from the nearest aerodrome on the VNC. See General Section - Cross Reference of Aerodrome Indicator and Name.

LOCATION	ELEV ASL	HGT AGL	(N)LAT	(W)LONG
CYYT 2.0NW	646	42	N47 38 43	W52 46 50
CDA5 13.8NE	1883	331	N47 57 54	W59 07 09
CDA5 18.7NE	1680	331	N48 01 43	W59 02 40

NEWFOUNDLAND & LABRADOR - SIGNIFICANT OBSTRUCTIONS (Cont'd)

CYJT	1145	331	N48 30 47	W59 12 32
26.4W				
CYJT	1332	331	N48 32 45	W59 05 18
21.5W				
CYJT	1526	331	N48 39 28	W58 36 38
7.2NNW				
CFW8	585	300	N48 56 38	W55 39 05
1.2N				
CCP2	913	514	N49 11 52	W55 22 06
9.1NNE				

FLIGHT RESTRICTIONS

FOREST FIRES

No person shall operate an aircraft in the airspace below 3,000 feet above ground level within five nautical miles of the limits of a forest fire area or as described in a NOTAM (CAR 601.15, 601.16, 601.17).

FLIGHT RESTRICTIONS INTO NATIONAL, PROVINCIAL AND MUNICIPAL PARKS

Access to National, Provincial and Municipal Parks is governed by regulations enacted by the respective parks authorities.

All National, Provincial and Municipal Parks are closed to aircraft unless otherwise specified in the AIP ENR 5.6.9 and/or the Supplements. On a prior permission basis, some parks will permit access to private flights, while others may authorize commercially registered aircrafts.

To help pilots obtain the required permission, Nav Canada publishes the name and telephone number of applicable park authorities, in the "Aerodrome/Facility Directory" of the Canada Flight Supplement/Canada Water Aerodrome Supplement, for any aerodrome/heliport located within park boundaries.

IFR FLIGHT TRAINING WITHIN 100NM RADIUS OF TORONTO INTL (CYYZ), ONTARIO

All IFR training, test flights and checkride flights between 1200-0200Z‡ must be coordinated with Toronto ACC prior to flight planning. For coordination, contact National Traffic Management Unit (FLOW CTL) 800-268-4831 or 905-676-3528.

RESTRICTIONS AFFECTING SEAPLANES

The **Canada Shipping Act, 2001**, through the **Vessel Operation Restriction Regulations** prohibits or imposes restrictions on the operation of vessels on certain lakes and waterways within Canada.

As a seaplane is considered a vessel while operating on the surface of a body of water, the **Vessel Operation Restriction Regulations** apply. The bodies of water affected and applicable restrictions may be found in the Schedules to the **Vessel Operation Restriction Regulations** -

https://laws.justice.gc.ca/eng/regulations/SOR-2008-120/index.html

MANDATORY IFR ROUTES

A system of mandatory IFR routes has been established to:

(a) guide pilots in planning their route of flight;
(b) minimize route changes during the operational phase of flight; and
(c) to aid in the efficient and orderly management of the air traffic.

The mandatory IFR routes are designed to serve the needs of the airspace user and to provide for a systematic flow of air traffic in the major terminal and enroute phases. Cooperation by all pilots in filing mandatory IFR routes will result in fewer traffic delays in clearance delivery and will better provide for efficient departure, enroute, and arrival air traffic service.

The following explains the terms and abbreviations used in the listing.

Mandatory Route structure principles:

- Each route includes a start or end waypoint/navigation aid (pitch/catch concept)
- Does not contain MOCA or MEA
- Does not start with AIRWAY
- Only routes with less than 250NM between city pairs are designated (otherwise default to pitch/catch as in 1).
- Route to/from a cardinal point is also acceptable (N,S,E,W,NE,NW,SE,SW).
- Each route is compliant with ARINC 424 coding (machine-readable for flight planning/flight management systems).
- By default, mandatory routes are applicable for all route types unless specified otherwise (i.e. RNAV)
- Mandatory routes are shown in table format, one route per record, with up to 3 sections per FIR:
- general information/message, location-to-location/Cardinal point enter/exit route and overflights.
- ICAO idents and abbreviations applied throughout.
- Mandatory IFR routes are published for the airports under Canadian ATS control.

When filing routes between two navigational facilities or fixes, pilots are responsible for ensuring that the filed altitude will meet the minimum obstacle clearance requirements, that the navigational signal coverage is adequate and that the route will not penetrate Class F airspace.

In Controlled Airspace between Edmonton and Calgary, altitudes and flight levels which are not appropriate for the direction of flight may be assigned by ATC at any time to an aircraft at FL280 and below on the mandatory IFR route.

CZVR VANCOUVER FIR

FROM LOCATION TO LOCATION OR DIRECTION						CZVR
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CAE2	L	ARR FR NE				OMSIK SX
CYAZ	H&L	ARR FR E			RNAV	DASMU T609 ROLBU
CYCD	H	ARR FR E				BOOTH LANNE YVR AP YYJ YCD
CYCD	L	ARR FR E		A17000 & ABV		BOOTH LANNE YVR AP YYJ YCD
CYCD	L	ARR FR E		A16000 & BLW	RNAV	SENSA HARAS HUH YYJ YCD
CYCD	H&L	ARR FR N				KEINN V330 YVR AP YYJ YCD
CYCD	H&L	ARR FR NW				UQQ YCD
CYCD	H&L	ARR FR NW			RNAV	UQQ ROVNA NANOO
CYCD	H&L	ARR FR S				YYJ YCD
CYCD	H&L	ARR FR W			RNAV	GOVAD YCD
CYCD	L	ARR FR W		A9000 & BLW	RNAV	FOCHE NANOO PESGU
CYCD	H	DEP TO E			RNAV	YYJ HUH ALNOD IKNIX
CYCD	H	DEP TO E			RNAV	YYJ HUH VIBTA DURVU FINBO
CYCD	L	DEP TO E				YYJ V495 HUH ANTLR V342 YDC
CYCD	H	DEP TO N			RNAV	UQQ YWL
CYCD	L	DEP TO N		A14000 & ABV	RNAV	UQQ YWL
CYCD	L	DEP TO N		A13000 & BLW	RNAV	YYJ OMINO SENSA

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZVR
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYCD	H	DEP TO NE			RNAV	YYJ HUH DAPED PETLI
CYCD	L	DEP TO NE		A13000 & BLW	RNAV	YYJ OMINO YDC
CYCD	H	DEP TO NW				UQQ
CYCD	L	DEP TO NW				YCD UQQ
CYCD	H	DEP TO SE				YYJ
CYCD	H	DEP TO SE			RNAV	YYJ HUH VIBTA NOSOM
CYCD	L	DEP TO SE				YCD YYJ
CYCD	H&L	DEP TO	CYLW		RNAV	YYJ HUH YDC PIGLU ARR
CYCD	H	DEP TO	CYYC		RNAV	YYJ HUH DAPED PETLI
CYCD	L	DEP TO	CYYJ		RNAV	AP APASS ARR
CYLW	H&L	ARR FR E				ROBTI NORIP NORIP ARR
CYLW	H&L	ARR FR E				TAGBA NORIP NORIP ARR
CYLW	H&L	ARR FR S				IKNER NORIP NORIP ARR
CYLW	H&L	ARR FR S				YDC PIGLU PIGLU ARR
CYLW	H&L	ARR FR W				SEKAB SEKAB ARR
CYLW	H&L	DEP TO E				WHATS
CYLW	H&L	DEP TO W				MERYT
CYLW	L	DEP TO W				LW B18 AMBRO
CYLW	H&L	ARR FR	CYCD		RNAV	YYJ HUH YDC PIGLU ARR
CYLW	H&L	ARR FR	CYYJ		RNAV	HUH YDC PIGLU ARR
CYNJ	H&L	ARR FR N			RNAV	SENSA HARAS HUH
CYNJ	L	ARR FR S				SEA V23 HUH
CYNJ	L	ARR FR W				YYJ V495 HUH
CYNJ	H	DEP TO E			RNAV	HUH ALNOD IKNIX
CYNJ	L	DEP TO E			RNAV	HUH YDC
CYNJ	H	DEP TO N			RNAV	HUH DAPED PETLI
CYNJ	L	DEP TO N			RNAV	HUH SENSA
CYNJ	H	DEP TO NE			RNAV	HUH DAPED PETLI
CYNJ	L	DEP TO NW				HUH V495 YYJ V440 NANOO T645 UQQ
CYNJ	L	DEP TO S				HUH V165 CVV
CYNJ	L	DEP TO W				HUH V495 YYJ
CYQQ	H&L	ARR FR NE			RNAV	TEXIB
CYQQ	H&L	DEP TO NE			RNAV	PILSA LYTON
CYVR	H&L	ARR FR E		NONJET	RNAV	BOOTH LIONN ARR
CYVR	H&L	ARR FR E		JET & DH8D	RNAV	BOOTH CANUC ARR
CYVR	H	ARR FR N		NONJET	RNAV	MERYT BOOTH LIONN ARR
CYVR	H	ARR FR N		JET & DH8D	RNAV	MERYT BOOTH CANUC ARR
CYVR	H&L	ARR FR N			RNAV	ELIDI WHSLR ARR
CYVR	L	ARR FR N		A13000 & BLW	RNAV	SPUZZ BOOTH LIONN ARR
CYVR	H	ARR FR NE		JET	RNAV	MERYT BOOTH CANUC ARR
CYVR	H&L	ARR FR NW			RNAV	TRENA WHSLR ARR
CYVR	H&L	ARR FR S			RNAV	EGRET GRIZZ ARR
CYVR	L	ARR FR S			RNAV	YYJ ILAND ARR
CYVR	H	ARR FR SW		JET	RNAV	PEKAA RAGIT ARR
CYVR	H	ARR FR SW		JET	RNAV	KANUA PITUT GOVAD RAGIT ARR
CYVR	H	ARR FR SW		JET	RNAV	PEKAA SHARK ARR
CYVR	H	ARR FR SW		JET	RNAV	KANUA PITUT GOVAD SHARK ARR
CYVR	H	ARR FR W			RNAV	POWOL WHSLR ARR
CYVR	H	ARR FR W		JET	RNAV	GOVAD RAGIT ARR
CYVR	H	ARR FR W		JET	RNAV	GOVAD SHARK ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZVR
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYVR	L	ARR FR W			RNAV	UQQ LIBOG SOUND ARR
CYVR	H	DEP TO E			RNAV	ALNOD IKNIX
CYVR	H	DEP TO E			RNAV	VIBTA DURVU FINBO
CYVR	L	DEP TO E				SAFOL V342 YDC
CYVR	H	DEP TO N				DOLLR V347 GARRE V349 SEATN
CYVR	L	DEP TO N		A14000 & ABV		DOLLR V347 GARRE
CYVR	L	DEP TO N		A13000 & BLW	RNAV	SAFOL DURLO SENSA
CYVR	H	DEP TO NE				VIDRI
CYVR	L	DEP TO NE		A14000 & ABV		VIDRI
CYVR	H	DEP TO NW				FASBO TRENA
CYVR	L	DEP TO NW		A14000 & ABV		FASBO V330 TRENA
CYVR	H	DEP TO S				YVR J5 SEA
CYVR	H	DEP TO SE				YVR J52 GEG
CYVR	H	DEP TO SE			RNAV	VIBTA NOSOM
CYVR	H	DEP TO SW				YYJ ELMAA
CYVR	H	DEP TO SW				TOU
CYVR	H	DEP TO SW			RNAV	PITUT
CYVR	H&L	DEP TO W			RNAV	TREEL UQQ
CYVR	H&L	DEP TO	CYKA		RNAV	JANEK YAROW
CYVR	H&L	DEP TO	CYLW		RNAV	JANEK SEKAB SEKAB ARR
CYVR	H	DEP TO	CYYC		RNAV	DAPED PETLI
CYVR	L	DEP TO	CYYJ		RNAV	AP APASS ARR
CYVR	H&L	DEP TO	KBFI			JAWBN JAWBN ARR
CYVR	H&L	DEP TO	KSEA	PROPS		JAWBN JAWBN ARR
CYVR	H&L	DEP TO	KSEA	JETS & DH8D		MARNR MARNR ARR
CYXX	H&L	ARR FR E			RNAV	SENSA HOPE ARR
CYXX	H&L	ARR FR N			RNAV	SENSA HOPE ARR
CYXX	H&L	ARR FR NW			RNAV	UQQ YYJ OMINO
CYXX	H&L	ARR FR S			RNAV	MADEE ARR
CYXX	L	ARR FR S			RNAV	PAE MADEE ARR
CYXX	H&L	ARR FR W			RNAV	YYJ OMINO
CYXX	H	DEP TO E			RNAV	HUH ALNOD IKNIX
CYXX	H	DEP TO E			RNAV	HUH VIBTA DURVU FINBO
CYXX	L	DEP TO E				ANTLR V342 YDC
CYXX	H	DEP TO N			RNAV	HUH DAPED PETLI
CYXX	L	DEP TO N			RNAV	SENSA
CYXX	H	DEP TO NW				HUH V495 YYJ J502 YZT
CYXX	L	DEP TO NW				HUH V495 YYJ V440 NANOO T645 UQQ
CYXX	H&L	DEP TO S				HUH V165 CVV
CYXX	H	DEP TO W				HUH V495 YYJ
CYXX	L	DEP TO W				HUH V495 YYJ
CYXX	L	DEP TO	CYVR		RNAV	YYJ ILAND ARR
CYXX	H	DEP TO	CYYC		RNAV	HUH DAPED PETLI
CYXX	H&L	DEP TO	KBFI	A9000 & ABV		JAWBN ARR
CYXX	H&L	DEP TO	KSEA	JET	RNAV	MARNR ARR
CYXX	H&L	DEP TO	KSEA	A9000 & ABV		JAWBN ARR
CYYJ	H&L	ARR FR E		A17000 & ABV	RNAV	BOOTH APASS ARR
CYYJ	H&L	ARR FR E		A17000 & ABV		BOOTH FASBO ARR
CYYJ	L	ARR FR E		A16000 & BLW	RNAV	SENSA HARAS HUH YYJ
CYYJ	H&L	ARR FR N		A17000 & ABV	RNAV	KEINN APASS ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZVR
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYJ	H&L	ARR FR N		A17000 & ABV		KEINN FASBO ARR
CYYJ	L	ARR FR N		A16000 & BLW	RNAV	SENSA HARAS HUH YYJ
CYYJ	L	ARR FR NW				UQQ T645 NANOO V440 YYJ
CYYJ	H&L	ARR FR S			RNAV	DISCO ARR
CYYJ	H&L	ARR FR S				DISCO V495 YYJ
CYYJ	H	DEP TO E			RNAV	HUH ALNOD IKNIX
CYYJ	H	DEP TO E			RNAV	HUH VIBTA DURVU FINBO
CYYJ	L	DEP TO E				HUH ANTLR V342 YDC
CYYJ	H	DEP TO N				CASDY
CYYJ	H	DEP TO NE			RNAV	HUH DAPED PETLI
CYYJ	L	DEP TO NE		A16000 & BLW	RNAV	HUH YDC
CYYJ	H&L	DEP TO NW				YYJ V440 NANOO T645 UQQ
CYYJ	H	DEP TO SE			RNAV	HUH VIBTA NOSOM
CYYJ	H&L	DEP TO	CYLW		RNAV	HUH YDC PIGLU ARR
CYYJ	L	ARR FR	CYVR		RNAV	AP APASS ARR
CYYJ	L	ARR FR	CYVR			AP FASBO ARR
CYYJ	H	DEP TO	CYYC		RNAV	HUH DAPED PETLI
CYYJ	H&L	DEP TO	KBFI	A9000 & ABV		JAWBN ARR
CYYJ	H&L	DEP TO	KSEA	NONJET		JAWBN ARR
CYYJ	H&L	DEP TO	KSEA	JET & DH8D	RNAV	JIGEB MARNR ARR
CZBB	H&L	ARR FR E			RNAV	SENSA HARAS HUH PENIN
CZBB	H&L	ARR FR N			RNAV	SENSA HARAS HUH PENIN
CZBB	H	ARR FR NW			RNAV	YZT YYJ YVR
CZBB	L	ARR FR NW			RNAV	UQQ NANOO YYJ YVR
CZBB	H	ARR FR S				SEA V23 HUH
CZBB	H&L	ARR FR SE			RNAV	MADEE PENIN
CZBB	H&L	ARR FR SW			RNAV	YYJ ESVEM
CZBB	H&L	ARR FR W			RNAV	YYJ ESVEM
CZBB	H&L	ARR FR W			RNAV	YYJ YVR
CZBB	H	DEP TO E			RNAV	KEPVI HUH ALNOD IKNIX
CZBB	H	DEP TO E			RNAV	KEPVI HUH VIBTA DURVU FINBO
CZBB	L	DEP TO E			RNAV	KEPVI HUH YDC
CZBB	H	DEP TO N			RNAV	KEPVI HUH DAPED PETLI
CZBB	L	DEP TO N			RNAV	KEPVI HUH SENSA
CZBB	L	DEP TO NE			RNAV	KEPVI HUH YDC
CZBB	H	DEP TO NW			RNAV	KEPVI HUH YYJ YZT
CZBB	L	DEP TO NW			RNAV	KEPVI HUH YYJ V440 NANOO T645 UQQ
CZBB	H&L	DEP TO S			RNAV	KEPVI HUH V165 CVV
CZBB	H&L	DEP TO W			RNAV	KEPVI HUH YYJ
CZBB	H	DEP TO	CYYC		RNAV	KEPVI HUH DAPED PETLI
KBLI	H&L	ARR FR E			RNAV	SENSA HARAS HUH
KBLI	H&L	ARR FR N			RNAV	SENSA HARAS HUH
KBLI	H&L	ARR FR NE			RNAV	SENSA HARAS HUH
KBLI	H	ARR FR NW				YZT J502 YYJ V495 HUH
KBLI	L	ARR FR NW				UQQ T645 NANOO V440 YYJ V495 HUH
KBLI	H&L	ARR FR S				PAE V23 HUH
KBLI	H&L	ARR FR S			RNAV	MADEE ARR
KBLI	H&L	ARR FR W				YYJ V495 HUH
KBLI	H	DEP TO E			RNAV	HUH ALNOD IKNIX
KBLI	H	DEP TO E			RNAV	HUH VIBTA DURVU FINBO

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZVR
AD	**ALT**	**DIRECTION**	**AD**	**LIMITATIONS**	**PROC**	**ROUTE OF FLIGHT**
KBLI	L	DEP TO E			RNAV	HUH YDC
KBLI	H	DEP TO N			RNAV	HUH DAPED PETLI
KBLI	L	DEP TO N			RNAV	HUH SENSA
KBLI	H	DEP TO NE			RNAV	HUH DAPED PETLI
KBLI	H	DEP TO NW				YYJ J502 YZT
KBLI	L	DEP TO NW				YYJ V440 NANOO T645 UQQ
KBLI	H&L	DEP TO S				KIENO SID CVV
KBLI	H&L	DEP TO W				YYJ
KBLI	L	DEP TO	CYVR		RNAV	YYJ ILAND ARR
KBLI	H&L	DEP TO	KBFI	A9000 & ABV		JAWBN ARR
KBLI	H&L	DEP TO	KSEA	JET	RNAV	MARNR ARR
KBLI	H&L	DEP TO	KSEA	A9000 & ABV		JAWBN ARR

CZEG EDMONTON FIR

In Controlled Airspace between Edmonton and Calgary, altitudes and flight levels which are not appropriate for the direction of flight may be assigned by ATC at any time to an aircraft operating to a maximum of FL280 on the mandatory IFR routes.

NORTHBOUND DEPARTURES overflying CYEG - from CYBW or CYYC

Pilots should be aware that with the introduction of RNAV routes; within the EG FIR, there are 2 northbound routes if overflying CYEG to destinations not listed in mandatory routes. These routes are type specific and should be flight planned as follows:

LOW LEVEL
- **NON-JETS** - SAXOL T761 ALKIK
- **JETS** - AVROM MAPUX

HIGH LEVEL
- **NON-JETS** - SAXOL Q965 ALKIK
- **JETS** - AVROM Q933 MAPUX

CYBW ARRIVALS

In addition to the mandatory routes listed, the following arrival routes are available.

LOW LEVEL
- From the EAST or NORTHEAST, arrivals between BOMIP and SHAWI are permitted via BIRKO MADYN ARR

HIGH LEVEL
- From the EAST or NORTHEAST, arrivals between IGVUX and SHAWI are permitted via BIRKO MADYN ARR

LOW or HIGH LEVEL
- From the SOUTH or SOUTHEAST, arrivals between VESDO and TOVUM are permitted via EBGAL ELBOW ARR
- From the SOUTHWEST, arrivals between ANTAK and MENBO are permitted via TULOB T707 IGVEP BRAGG ARR or via SEDEL T703 IGVEP BRAGG ARR

CYEG ARRIVALS

From the WEST, CYEG arrivals are permitted between ROMRA and YZU via ELLKS ELLKS ARR

CYYC ARRIVALS

Pilots should be aware that STAR Arrivals for CYYC are segregated between JETS and NON-JETS and are required to file the appropriate STAR for type of aircraft. In addition to the mandatory routes listed, the following arrival routes are available.

NON JETS
- From the SOUTH or SOUTHEAST, arrivals are permitted between VESDO and TOVUM via EBGAL TIDUK ARR
- From the SOUTHWEST arrivals are permitted between ANTAK and MENBO via TULOB T707 IGVEP VESGA ARR or via SEDEL T703 IGVEP VESGA ARR

LOW LEVEL
- From the EAST or NORTHEAST, arrivals are permitted between BOMIP and SHAWI via BIRKO TOTUB ARR

HIGH LEVEL
- From the EAST or NORTHEAST, arrivals are permitted between IGVUX and SHAWI via BIRKO TOTUB ARR

JETS
- From the SOUTH or SOUTHEAST, arrivals are permitted between VESDO and TOVUM via EBGAL EBGAL ARR
- From the SOUTHWEST arrivals are permitted between ANTAK and MENBO via TULOB T707 IGVEP IGVEP ARR or via SEDEL T703 IGVEP IGVEP ARR

LOW LEVEL
- From the EAST or NORTHEAST, arrivals are permitted between BOMIP and SHAWI via BIRKO BIRKO ARR

HIGH LEVEL
- From the EAST or NORTHEAST, arrivals are permitted between IGVUX and SHAWI via BIRKO BIRKO ARR

FROM LOCATION TO LOCATION OR DIRECTION						CZEG
AD	**ALT**	**DIRECTION**	**AD**	**LIMITATIONS**	**PROC**	**ROUTE OF FLIGHT**
CAL4	H&L	ARR FR S			RNAV	LISVA GONUK PEPSA SEKIK
CAL4	H&L	DEP TO S		JET	RNAV	TAGIT ETMAR KERBO SELUM
CAL4	H&L	DEP TO S		NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO
CAL4	H&L	DEP TO	CYEG		RNAV	TAGIT PIBLI OBTAG SEVMO TETAG TETAG ARR
CAL4	H	DEP TO	CYYC	NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO TETAG ANTID Q826 ADVOX FLAAM ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CAL4	H	DEP TO	CYYC	JET	RNAV	TAGIT ETMAR KERBO SELUM OLIMI Q814 ADVOX ADVOX ARR
CAL4	L	DEP TO	CYYC	NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO TETAG ANTID T652 ADVOX FLAAM ARR
CAL4	L	DEP TO	CYYC	JET	RNAV	TAGIT ETMAR KERBO SELUM OLIMI T686 ADVOX ADVOX ARR
CCL3	H&L	ARR FR S			RNAV	KAVDA SUXEG PENTA
CCL3	H&L	DEP TO S			RNAV	METMO KEGRU CACHO
CCL3	H&L	DEP TO W			RNAV	METMO KEGRU CACHO
CCL3	H	DEP TO	CYEG		RNAV	METMO KEGRU CACHO RESAX RESAX ARR
CCL3	L	DEP TO	CYEG		RNAV	METMO KEGRU CACHO RESAX RESAX ARR
CCL3	H	DEP TO	CYYC	NONJET	RNAV	METMO KEGRU CACHO RUBSU ANTID Q826 ADVOX FLAAM ARR
CCL3	H	DEP TO	CYYC	JET	RNAV	METMO KEGRU CACHO RUBSU OLIMI Q814 ADVOX ADVOX ARR
CCL3	L	DEP TO	CYYC	NONJET	RNAV	METMO KEGRU CACHO RUBSU ANTID T652 ADVOX FLAAM ARR
CCL3	L	DEP TO	CYYC	JET	RNAV	METMO KEGRU CACHO RUBSU OLIMI T686 ADVOX ADVOX ARR
CER4	H&L	ARR FR S			RNAV	LISVA GONUK PEPSA SEKIK
CET2	H&L	ARR FR S			RNAV	KAVDA SUXEG MUVUD
CET2	H&L	DEP TO S			RNAV	VIVUG PUVAX CACHO
CET2	H&L	DEP TO W			RNAV	VIVUG PUVAX CACHO
CET2	H	DEP TO	CYEG		RNAV	VIVUG PUVAX CACHO RESAX ARR
CET2	L	DEP TO	CYEG		RNAV	VIVUG PUVAX CACHO RESAX ARR
CET2	H	DEP TO	CYYC	NONJET	RNAV	VIVUG PUVAX CACHO RUBSU ANTID Q826 ADVOX FLAAM ARR
CET2	H	DEP TO	CYYC	JET	RNAV	VIVUG PUVAX CACHO RUBSU OLIMI Q814 ADVOX ADVOX ARR
CET2	L	DEP TO	CYYC	NONJET	RNAV	VIVUG PUVAX CACHO RUBSU ANTID T652 ADVOX FLAAM ARR
CET2	L	DEP TO	CYYC	JET	RNAV	VIVUG PUVAX CACHO RUBSU OLIMI T686 ADVOX ADVOX ARR
CFN6	H&L	ARR FR S			RNAV	KAVDA SUXEG PENTA
CFN6	H&L	DEP TO S			RNAV	VETPA DEP METMO KEGRU CACHO
CFN6	H&L	DEP TO W			RNAV	VETPA DEP METMO KEGRU CACHO
CFN6	H	DEP TO	CYEG		RNAV	VETPA DEP METMO KEGRU CACHO RESAX RESAX ARR
CFN6	L	DEP TO	CYEG		RNAV	VETPA DEP METMO KEGRU CACHO RESAX RESAX ARR
CFN6	H	DEP TO	CYYC	NONJET	RNAV	VETPA DEP METMO KEGRU CACHO RUBSU ANTID Q826 ADVOX FLAAM ARR
CFN6	H	DEP TO	CYYC	JET	RNAV	VETPA DEP METMO KEGRU CACHO RUBSU OLIMI Q814 ADVOX ADVOX ARR
CFN6	L	DEP TO	CYYC	NONJET	RNAV	VETPA DEP METMO KEGRU CACHO RUBSU ANTID T652 ADVOX FLAAM ARR
CFN6	L	DEP TO	CYYC	JET	RNAV	VETPA DEP METMO KEGRU CACHO RUBSU OLIMI T686 ADVOX ADVOX ARR
CRL4	H&L	ARR FR S			RNAV	KAVDA SUXEG PENTA
CRL4	H&L	DEP TO S			RNAV	KIRBY DEP METMO KEGRU CACHO
CRL4	H&L	DEP TO W			RNAV	KIRBY DEP METMO KEGRU CACHO
CRL4	H	DEP TO	CYEG		RNAV	KIRBY DEP METMO KEGRU CACHO RESAX RESAX ARR
CRL4	L	DEP TO	CYEG		RNAV	KIRBY DEP METMO KEGRU CACHO RESAX RESAX ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CRL4	H	DEP TO	CYYC	NONJET	RNAV	KIRBY DEP METMO KEGRU CACHO RUBSU ANTID Q826 ADVOX FLAAM ARR
CRL4	H	DEP TO	CYYC	JET	RNAV	KIRBY DEP METMO KEGRU CACHO RUBSU OLIMI Q814 ADVOX ADVOX ARR
CRL4	L	DEP TO	CYYC	NONJET	RNAV	KIRBY DEP METMO KEGRU CACHO RUBSU ANTID T652 ADVOX FLAAM ARR
CRL4	L	DEP TO	CYYC	JET	RNAV	KIRBY DEP METMO KEGRU CACHO RUBSU OLIMI T686 ADVOX ADVOX ARR
CYBW	H	ARR FR E			RNAV	IGVUX Q882 BIRKO MADYN ARR
CYBW	H	ARR FR E			RNAV	GUDOG PIKLA BIRKO MADYN ARR
CYBW	H	ARR FR E			RNAV	BEVEL MOBEK EBGAL ELBOW ARR
CYBW	H	ARR FR E			RNAV	COUTS MOBEK EBGAL ELBOW ARR
CYBW	L	ARR FR E			RNAV	BOMIP BIRKO MADYN ARR
CYBW	L	ARR FR E			RNAV	BORIX T622 BIRKO MADYN ARR
CYBW	L	ARR FR E			RNAV	SHAWI T644 BIRKO MADYN ARR
CYBW	H	ARR FR N		NONJET	RNAV	ANTID Q826 ADVOX KIPEV ARR
CYBW	H	ARR FR N			RNAV	MATIR Q925 ADVOX KIPEV ARR
CYBW	H	ARR FR N		JET	RNAV	OLIMI Q814 ADVOX KIPEV ARR
CYBW	L	ARR FR N		NONJET	RNAV	ANTID T652 ADVOX KIPEV ARR
CYBW	L	ARR FR N			RNAV	MATIR T743 ADVOX KIPEV ARR
CYBW	L	ARR FR N		JET	RNAV	OLIMI T686 ADVOX KIPEV ARR
CYBW	H	ARR FR NE			RNAV	IGVUX Q882 BIRKO MADYN ARR
CYBW	H	ARR FR NE			RNAV	GUDOG PIKLA BIRKO MADYN ARR
CYBW	H	ARR FR NE			RNAV	BORIX BIRKO MADYN ARR
CYBW	L	ARR FR NE			RNAV	BOMIP BIRKO MADYN ARR
CYBW	L	ARR FR NE			RNAV	BORIX T622 BIRKO MADYN ARR
CYBW	L	ARR FR NE			RNAV	SHAWI T644 BIRKO MADYN ARR
CYBW	H	ARR FR NW			RNAV	MATIR Q925 ADVOX KIPEV ARR
CYBW	L	ARR FR NW		NONJET	RNAV	ANTID T652 ADVOX KIPEV ARR
CYBW	L	ARR FR NW			RNAV	MATIR T743 ADVOX KIPEV ARR
CYBW	L	ARR FR NW		JET	RNAV	OLIMI T686 ADVOX KIPEV ARR
CYBW	H	ARR FR S			RNAV	BEVEL MOBEK EBGAL ELBOW ARR
CYBW	H	ARR FR S			RNAV	COUTS MOBEK EBGAL ELBOW ARR
CYBW	L	ARR FR S			RNAV	VESDO T690 EBGAL ELBOW ARR
CYBW	L	ARR FR S			RNAV	TOVUM T688 EBGAL ELBOW ARR
CYBW	L	ARR FR SE			RNAV	VESDO T690 EBGAL ELBOW ARR
CYBW	L	ARR FR SE			RNAV	TOVUM T688 EBGAL ELBOW ARR
CYBW	H	ARR FR SW			RNAV	ANTAK Q953 IGVEP BRAGG ARR
CYBW	H	ARR FR SW			RNAV	MENBO Q983 IGVEP BRAGG ARR
CYBW	L	ARR FR SW			RNAV	ANTAK T707 IGVEP BRAGG ARR
CYBW	L	ARR FR SW			RNAV	MENBO T703 IGVEP BRAGG ARR
CYBW	H	DEP TO E		NONJET	RNAV	VETBI Q991 LIBOS
CYBW	H	DEP TO E			RNAV	NOSIV Q909 DESNU
CYBW	H	DEP TO E		JET	RNAV	LOMLO Q961 DAPOP
CYBW	L	DEP TO E		NONJET	RNAV	VETBI T797 LIBOS
CYBW	L	DEP TO E		JET	RNAV	LOMLO TULOV DAPOP
CYBW	L	DEP TO E			RNAV	NOSIV DESNU
CYBW	H	DEP TO NE		NONJET	RNAV	VETBI Q967 GUDOG
CYBW	H	DEP TO NE		JET	RNAV	LOMLO Q979 TULOV IMOTA
CYBW	H	DEP TO NE		JET	RNAV	LOMLO TULOV MEETO
CYBW	L	DEP TO NE		NONJET	RNAV	VETBI T715 GUDOG

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYBW	L	DEP TO NE		JET	RNAV	LOMLO TULOV IMOTA
CYBW	H	DEP TO NW		NONJET	RNAV	AGMAK TAMVU VOKIM OBNAP
CYBW	H	DEP TO NW		JET	RNAV	IPSIT Q810 SETGA
CYBW	L	DEP TO NW		NONJET	RNAV	AGMAK T694 OBNAP
CYBW	L	DEP TO NW		JET	RNAV	IPSIT DAXIR TOXAB SETGA
CYBW	H	DEP TO S			RNAV	GADKI Q957 VOBUK
CYBW	H	DEP TO S			RNAV	UBVAL Q927 SEKOM
CYBW	H	DEP TO S			RNAV	OTARA Q931 IPTAN
CYBW	H	DEP TO S			RNAV	DUMRA Q890 ROPLA
CYBW	L	DEP TO S			RNAV	GADKI T727 VOBUK
CYBW	L	DEP TO S			RNAV	UBVAL SEKOM
CYBW	L	DEP TO S			RNAV	OTARA IPTAN
CYBW	L	DEP TO S			RNAV	DUMRA T620 MEKPI
CYBW	H	DEP TO SE		NONJET	RNAV	VETBI Q991 LIBOS
CYBW	H	DEP TO SE			RNAV	NOSIV Q909 DESNU
CYBW	H	DEP TO SE		JET	RNAV	LOMLO Q961 DAPOP
CYBW	L	DEP TO SE		NONJET	RNAV	VETBI T797 LIBOS
CYBW	L	DEP TO SE		JET	RNAV	LOMLO TULOV DAPOP
CYBW	L	DEP TO SE			RNAV	NOSIV DESNU
CYBW	H	DEP TO SW			RNAV	DUMRA Q890 MEKPI OMSIK
CYBW	H	DEP TO SW		NONJET	RNAV	ROVMA UKSAP NOVAR
CYBW	H	DEP TO SW		JET	RNAV	BOTAG Q894 BINVO
CYBW	L	DEP TO SW		NONJET	RNAV	ROVMA T602 NOVAR
CYBW	L	DEP TO SW			RNAV	DUMRA T620 OMSIK
CYBW	L	DEP TO SW		JET	RNAV	BOTAG SIMTA BINVO
CYBW	H	DEP TO W			RNAV	DUMRA Q890 MEKPI OMSIK
CYBW	H	DEP TO W		NONJET	RNAV	ROVMA UKSAP NOVAR
CYBW	H	DEP TO W		JET	RNAV	BOTAG Q894 BINVO
CYBW	L	DEP TO W		NONJET	RNAV	ROVMA T602 NOVAR
CYBW	L	DEP TO W			RNAV	DUMRA T620 OMSIK
CYBW	L	DEP TO W		JET	RNAV	BOTAG SIMTA BINVO
CYBW	H	DEP TO	CAL4	NONJET	RNAV	SAXOL Q965 ALKIK LISVA GONUK PEPSA SEKIK
CYBW	H	DEP TO	CAL4	JET	RNAV	AVROM Q933 MAPUX LISVA GONUK PEPSA SEKIK
CYBW	L	DEP TO	CAL4	NONJET	RNAV	SAXOL T761 ALKIK LISVA GONUK PEPSA SEKIK
CYBW	L	DEP TO	CAL4	JET	RNAV	AVROM MAPUX LISVA GONUK PEPSA SEKIK
CYBW	H	DEP TO	CCL3	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG
CYBW	H	DEP TO	CCL3	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYBW	L	DEP TO	CCL3	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYBW	L	DEP TO	CCL3	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYBW	H	DEP TO	CET2	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA MUVUD
CYBW	H	DEP TO	CET2	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON MUVUD
CYBW	L	DEP TO	CET2	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA MUVUD
CYBW	L	DEP TO	CET2	JET	RNAV	AVROM MAPUX DAVEL LEXON MUVUD
CYBW	H	DEP TO	CFN6	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG
CYBW	H	DEP TO	CFN6	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYBW	L	DEP TO	CFN6	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYBW	L	DEP TO	CFN6	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYBW	H	DEP TO	CRL4	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYBW	H	DEP TO	CRL4	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYBW	L	DEP TO	CRL4	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYBW	L	DEP TO	CRL4	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYBW	H	DEP TO	CYEG	NONJET	RNAV	PEVLU BISNO OILRS OILRS ARR
CYBW	H	DEP TO	CYEG	JET	RNAV	BITGA Q995 OILRS OILRS ARR
CYBW	L	DEP TO	CYEG	NONJET	RNAV	PEVLU T759 OILRS OILRS ARR
CYBW	L	DEP TO	CYEG	JET	RNAV	BITGA T753 OILRS OILRS ARR
CYBW	H	DEP TO	CYFI	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA LEXON NANLU YMM
CYBW	H	DEP TO	CYFI	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON NANLU YMM
CYBW	L	DEP TO	CYFI	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA LEXON NANLU YMM
CYBW	L	DEP TO	CYFI	JET	RNAV	AVROM MAPUX DAVEL LEXON NANLU YMM
CYBW	H	DEP TO	CYLB	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR
CYBW	H	DEP TO	CYLB	JET	RNAV	AVROM Q933 MAPUX DAVEL
CYBW	L	DEP TO	CYLB	NONJET	RNAV	SAXOL T761 ALKIK EBLAR
CYBW	L	DEP TO	CYLB	JET	RNAV	AVROM MAPUX DAVEL
CYBW	H	DEP TO	CYMM	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA LEXON LEXON ARR
CYBW	H	DEP TO	CYMM	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON LEXON ARR
CYBW	L	DEP TO	CYMM	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA LEXON LEXON ARR
CYBW	L	DEP TO	CYMM	JET	RNAV	AVROM MAPUX DAVEL LEXON LEXON ARR
CYBW	H	DEP TO	CYNR	JET	RNAV	AVROM Q933 MAPUX LISVA GONUK PEPSA SEKIK
CYBW	H	DEP TO	CYNR	NONJET	RNAV	SAXOL Q965 ALKIK LISVA GONUK PEPSA SEKIK
CYBW	L	DEP TO	CYNR	NONJET	RNAV	SAXOL T761 ALKIK LISVA GONUK PEPSA SEKIK
CYBW	L	DEP TO	CYNR	JET	RNAV	AVROM MAPUX LISVA GONUK PEPSA SEKIK
CYBW	H&L	DEP TO	CYXH		RNAV	NOSIV ODLAN TUDOX
CYBW	H&L	DEP TO	CYXH		RNAV	NOSIV ODLAN ODLAN ARR
CYBW	H	DEP TO	KBFI	JET	RNAV	BOTAG Q894 BINVO YDC JAKSN GLASR ARR
CYBW	H	DEP TO	KBFI	NONJET	RNAV	ROVMA UKSAP NOVAR YDC JAKSN GLASR ARR
CYBW	H&L	DEP TO	KBFI		RNAV	DUMRA MEKPI TWIGY GEG GLASR ARR
CYBW	L	DEP TO	KBFI	JET	RNAV	BOTAG SIMTA BINVO YDC JAKSN GLASR ARR
CYBW	L	DEP TO	KBFI	NONJET	RNAV	ROVMA T602 NOVAR YDC JAKSN GLASR ARR
CYBW	H	DEP TO	KSEA	JET	RNAV	BOTAG Q894 BINVO YDC JAKSN GLASR ARR
CYBW	H	DEP TO	KSEA	NONJET	RNAV	ROVMA UKSAP NOVAR YDC JAKSN GLASR ARR
CYBW	H&L	DEP TO	KSEA		RNAV	DUMRA MEKPI TWIGY GEG GLASR ARR
CYBW	L	DEP TO	KSEA	JET	RNAV	BOTAG SIMTA BINVO YDC JAKSN GLASR ARR
CYBW	L	DEP TO	KSEA	NONJET	RNAV	ROVMA T602 NOVAR YDC JAKSN GLASR ARR
CYEG	H	ARR FR E			RNAV	REFEX CAMRA IGSOX ARR
CYEG	L	ARR FR E			RNAV	WAINN T755 CAMRA IGSOX ARR
CYEG	H	ARR FR N			RNAV	CACHO RESAX RESAX ARR
CYEG	H&L	ARR FR N			RNAV	TETAG TETAG ARR
CYEG	L	ARR FR N			RNAV	CACHO RESAX RESAX ARR
CYEG	H	ARR FR S		NONJET	RNAV	KERSA BISNO OILRS OILRS ARR
CYEG	H	ARR FR S		JET	RNAV	MIREK Q995 OILRS OILRS

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYEG	L	ARR FR S		NONJET	RNAV	KERSA T759 OILRS OILRS ARR
CYEG	L	ARR FR S		JET	RNAV	MIREK T753 OILRS OILRS ARR
CYEG	H	ARR FR W			RNAV	ROMRA Q949 ELLKS ELLKS ARR
CYEG	L	ARR FR W			RNAV	ROMRA T789 ELLKS ELLKS ARR
CYEG	H&L	DEP TO E			RNAV	RYLEY
CYEG	H&L	DEP TO E			RNAV	OMROD
CYEG	H&L	DEP TO N		NONJET	RNAV	EBLAR
CYEG	H&L	DEP TO N		JET	RNAV	DAVEL LEXON
CYEG	H&L	DEP TO N			RNAV	MOOTO
CYEG	H&L	DEP TO NW			RNAV	MOOTO
CYEG	H&L	DEP TO NW			RNAV	YZU
CYEG	H	DEP TO S			RNAV	UKRAM Q957 RIGAD GADKI Q957 VOBUK
CYEG	H	DEP TO S			RNAV	UKRAM Q957 RIGAD UBVAL Q927 SEKOM
CYEG	H	DEP TO S			RNAV	UKRAM Q957 RIGAD OTARA Q931 IPTAN
CYEG	H	DEP TO S			RNAV	UKRAM Q957 RIGAD DUMRA Q890 MEKPI
CYEG	H&L	DEP TO S			RNAV	TOVIS DAPOP
CYEG	L	DEP TO S			RNAV	UKRAM T727 RIGAD GADKI T727 VOBUK
CYEG	L	DEP TO S			RNAV	UKRAM T727 RIGAD UBVAL SEKOM
CYEG	L	DEP TO S			RNAV	UKRAM T727 RIGAD OTARA IPTAN
CYEG	L	DEP TO S			RNAV	UKRAM T727 RIGAD DUMRA T620 MEKPI
CYEG	H&L	DEP TO SE			RNAV	TOVIS DAPOP
CYEG	L	DEP TO SE			RNAV	UKRAM T727 RIGAD DUMRA T620 MEKPI
CYEG	L	DEP TO SE			RNAV	UKRAM T727 RIGAD GADKI T727 VOBUK
CYEG	L	DEP TO SE			RNAV	UKRAM T727 RIGAD UBVAL SEKOM
CYEG	L	DEP TO SE			RNAV	UKRAM T727 RIGAD OTARA IPTAN
CYEG	H&L	DEP TO SW				YZU
CYEG	L	DEP TO SW			RNAV	ANDIE T676 NADPI
CYEG	H	DEP TO W			RNAV	ANDIE Q860 NADPI
CYEG	H&L	DEP TO W				YZU
CYEG	L	DEP TO W			RNAV	ANDIE T676 NADPI
CYEG	H&L	DEP TO	CAL4		RNAV	LISVA GONUK PEPSA SEKIK
CYEG	H&L	DEP TO	CCL3	NONJET	RNAV	EBLAR KAVDA SUXEG
CYEG	H&L	DEP TO	CCL3	JET	RNAV	DAVEL LEXON SUXEG
CYEG	H&L	DEP TO	CEE5		RNAV	MOOTO
CYEG	H&L	DEP TO	CET2	NONJET	RNAV	EBLAR KAVDA MUVUD
CYEG	H&L	DEP TO	CET2	JET	RNAV	DAVEL LEXON MUVUD
CYEG	H&L	DEP TO	CFN6	NONJET	RNAV	EBLAR KAVDA SUXEG
CYEG	H&L	DEP TO	CFN6	JET	RNAV	DAVEL LEXON SUXEG
CYEG	H&L	DEP TO	CFT8		RNAV	MOOTO
CYEG	H&L	DEP TO	CRL4	NONJET	RNAV	EBLAR KAVDA SUXEG
CYEG	H&L	DEP TO	CRL4	JET	RNAV	DAVEL LEXON SUXEG
CYEG	H&L	DEP TO	CYFI	NONJET	RNAV	EBLAR KAVDA LEXON NANLU YMM
CYEG	H&L	DEP TO	CYFI	JETS	RNAV	DAVEL LEXON NANLU YMM
CYEG	H&L	DEP TO	CYMM	NONJET	RNAV	EBLAR KAVDA LEXON LEXON ARR
CYEG	H&L	DEP TO	CYMM	JET	RNAV	DAVEL LEXON LEXON ARR
CYEG	H&L	DEP TO	CYNR		RNAV	LISVA GONUK PEPSA SEKIK
CYEG	H&L	DEP TO	CYOJ		RNAV	YZU
CYEG	H&L	DEP TO	CYOP		RNAV	YZU
CYEG	H&L	DEP TO	CYPE		RNAV	YZU
CYEG	H&L	DEP TO	CYPY		RNAV	GONUK PEPSA SEKIK

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYEG	H&L	DEP TO	CYSM		RNAV	MOOTO
CYEG	H	DEP TO	CYYC	JET	RNAV	OLIMI Q814 ADVOX ADVOX ARR
CYEG	H	DEP TO	CYYC	NONJET	RNAV	ANTID Q826 ADVOX FLAAM ARR
CYEG	L	DEP TO	CYYC	JET	RNAV	OLIMI T686 ADVOX ADVOX ARR
CYEG	L	DEP TO	CYYC	NONJET	RNAV	ANTID T652 ADVOX FLAAM ARR
CYEG	H&L	DEP TO	CYZF		RNAV	MOOTO
CYEG	H	DEP TO	KBFI		RNAV	ANDIE Q860 NADPI YDC JAKSN GLASR ARR
CYEG	L	DEP TO	KFBI		RNAV	ANDIE T676 NADPI YDC JAKSN GLASR ARR
CYEG	H	DEP TO	KSEA		RNAV	ANDIE Q860 NADPI YDC JAKSN GLASR ARR
CYEG	L	DEP TO	KSEA		RNAV	ANDIE T676 NADPI YDC JAKSN GLASR ARR
CYFI	H&L	DEP TO S			RNAV	YMM CACHO
CYMM	H&L	ARR FR S		NONJET	RNAV	KAVDA LEXON LEXON ARR
CYMM	H&L	ARR FR S		JET	RNAV	LEXON LEXON ARR
CYMM	H&L	DEP TO S			RNAV	YMM CACHO
CYMM	H	DEP TO	CYYC	JET	RNAV	YMM CACHO IGVUX DUDNI BIRKO BIRKO ARR
CYNR	H&L	ARR FR S			RNAV	LISVA GONUK PEPSA SEKIK
CYNR	H&L	DEP TO S		JET	RNAV	TAGIT ETMAR KERBO SELUM
CYNR	H&L	DEP TO S		NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO
CYNR	H&L	DEP TO	CYEG		RNAV	TAGIT PIBLI OBTAG SEVMO TETAG TETAG ARR
CYNR	H	DEP TO	CYYC	NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO TETAG ANTID Q826 ADVOX FLAAM ARR
CYNR	H	DEP TO	CYYC	JET	RNAV	TAGIT ETMAR KERBO SELUM OLIMI Q814 ADVOX ADVOX ARR
CYNR	L	DEP TO	CYYC	NONJET	RNAV	TAGIT PIBLI OBTAG SEVMO TETAG ANTID T652 ADVOX FLAAM ARR
CYNR	L	DEP TO	CYYC	JET	RNAV	TAGIT ETMAR KERBO SELUM OLIMI T686 ADVOX ADVOX ARR
CYQF	H&L	DEP TO W				YRM
CYQU	H&L	ARR FR E			RNAV	MESBO
CYQU	H&L	ARR FR S			RNAV	ONDET
CYXY	H&L	ARR FR	CYEG		RNAV	DAPAL ARR
CYXY	H&L	ARR FR	CYVR		RNAV	GOROV ARR
CYXY	H&L	ARR FR	CYYC		RNAV	DAPAL ARR
CYXY	H&L	ARR FR	CYYJ		RNAV	GOROV ARR
CYYC	H	ARR FR E		NONJET	RNAV	IGVUX Q882 BIRKO TOTUB ARR
CYYC	H	ARR FR E		NONJET	RNAV	BORIX BIRKO TOTUB ARR
CYYC	H	ARR FR E		NONJET	RNAV	SHAWI Q874 BIRKO TOTUB ARR
CYYC	H	ARR FR E		JET	RNAV	IGVUX Q882 BIRKO BIRKO ARR
CYYC	H	ARR FR E		JET	RNAV	GUDOG PIKLA BIRKO ARR
CYYC	H	ARR FR E		NONJET	RNAV	VESDO Q832 EBGAL TIDUK ARR
CYYC	H	ARR FR E		NONJET	RNAV	TOVUM Q842 EBGAL TIDUK ARR
CYYC	H	ARR FR E		JET	RNAV	BEVEL MOBEK EBGAL ARR
CYYC	H	ARR FR E		JET	RNAV	COUTS MOBEK EBGAL ARR
CYYC	L	ARR FR E		NONJET	RNAV	BOMIP BIRKO TOTUB ARR
CYYC	L	ARR FR E		NONJET	RNAV	BORIX T622 BIRKO TOTUB ARR
CYYC	L	ARR FR E		NONJET	RNAV	SHAWI T644 BIRKO TOTUB ARR
CYYC	L	ARR FR E		JET	RNAV	BOMIP BIRKO BIRKO ARR
CYYC	L	ARR FR E		JET	RNAV	BORIX T622 BIRKO BIRKO ARR
CYYC	L	ARR FR E		JET	RNAV	SHAWI T644 BIRKO BIRKO ARR
CYYC	L	ARR FR E		NONJET	RNAV	VESDO T690 EBGAL TIDUK ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYC	L	ARR FR E		NONJET	RNAV	TOVUM T688 EBGAL TIDUK ARR
CYYC	L	ARR FR E		JET	RNAV	VESDO T690 EBGAL EBGAL ARR
CYYC	L	ARR FR E		JET	RNAV	TOVUM T688 EBGAL EBGAL ARR
CYYC	H	ARR FR N		NONJET	RNAV	ANTID Q826 ADVOX FLAAM ARR
CYYC	H	ARR FR N		NONJET	RNAV	MATIR Q925 ADVOX FLAAM ARR
CYYC	H	ARR FR N		JET	RNAV	OLIMI Q814 ADVOX ADVOX ARR
CYYC	H	ARR FR N		JET	RNAV	MATIR Q925 ADVOX ADVOX ARR
CYYC	L	ARR FR N		NONJET	RNAV	ANTID T652 ADVOX FLAAM ARR
CYYC	L	ARR FR N		NONJET	RNAV	MATIR T743 ADVOX FLAAM ARR
CYYC	L	ARR FR N		JET	RNAV	OLIMI T686 ADVOX ADVOX ARR
CYYC	L	ARR FR N		JET	RNAV	MATIR T743 ADVOX ADVOX ARR
CYYC	H	ARR FR NE		NONJET	RNAV	IGVUX Q882 BIRKO TOTUB ARR
CYYC	H	ARR FR NE		NONJET	RNAV	BORIX BIRKO TOTUB ARR
CYYC	H	ARR FR NE		NONJET	RNAV	SHAWI Q874 BIRKO TOTUB ARR
CYYC	H	ARR FR NE		JET	RNAV	IGVUX Q882 BIRKO BIRKO ARR
CYYC	H	ARR FR NE		JET	RNAV	GUDOG PIKLA BIRKO ARR
CYYC	L	ARR FR NE		NONJET	RNAV	BOMIP BIRKO TOTUB ARR
CYYC	L	ARR FR NE		NONJET	RNAV	BORIX T622 BIRKO TOTUB ARR
CYYC	L	ARR FR NE		NONJET	RNAV	SHAWI T644 BIRKO TOTUB ARR
CYYC	L	ARR FR NE		JET	RNAV	BOMIP BIRKO BIRKO ARR
CYYC	L	ARR FR NE		JET	RNAV	BORIX T622 BIRKO BIRKO ARR
CYYC	L	ARR FR NE		JET	RNAV	SHAWI T644 BIRKO BIRKO ARR
CYYC	H	ARR FR NW		NONJET	RNAV	ANTID Q826 ADVOX FLAAM ARR
CYYC	H	ARR FR NW		NONJET	RNAV	MATIR Q925 ADVOX FLAAM ARR
CYYC	H	ARR FR NW		JET	RNAV	OLIMI Q814 ADVOX ADVOX ARR
CYYC	H	ARR FR NW		JET	RNAV	MATIR Q925 ADVOX ADVOX ARR
CYYC	L	ARR FR NW		NONJET	RNAV	ANTID T652 ADVOX FLAAM ARR
CYYC	L	ARR FR NW		NONJET	RNAV	MATIR T743 ADVOX FLAAM ARR
CYYC	L	ARR FR NW		JET	RNAV	OLIMI T686 ADVOX ADVOX ARR
CYYC	L	ARR FR NW		JET	RNAV	MATIR T743 ADVOX ADVOX ARR
CYYC	H	ARR FR S		NONJET	RNAV	VESDO Q832 EBGAL TIDUK ARR
CYYC	H	ARR FR S		NONJET	RNAV	TOVUM Q842 EBGAL TIDUK ARR
CYYC	H	ARR FR S		JET	RNAV	BEVEL MOBEK EBGAL ARR
CYYC	H	ARR FR S		JET	RNAV	COUTS MOBEK EBGAL ARR
CYYC	L	ARR FR S		NONJET	RNAV	VESDO T690 EBGAL TIDUK ARR
CYYC	L	ARR FR S		NONJET	RNAV	TOVUM T688 EBGAL TIDUK ARR
CYYC	L	ARR FR S		JET	RNAV	VESDO T690 EBGAL EBGAL ARR
CYYC	L	ARR FR S		JET	RNAV	TOVUM T688 EBGAL EBGAL ARR
CYYC	H	ARR FR SW		NONJET	RNAV	ANTAK Q953 IGVEP VESGA ARR
CYYC	H	ARR FR SW		NONJET	RNAV	MENBO Q983 IGVEP VESGA ARR
CYYC	H	ARR FR SW		JET	RNAV	ANTAK Q953 IGVEP IGVEP ARR
CYYC	H	ARR FR SW		JET	RNAV	MENBO Q983 IGVEP IGVEP
CYYC	L	ARR FR SW		NONJET	RNAV	ANTAK T707 IGVEP VESGA ARR
CYYC	L	ARR FR SW		NONJET	RNAV	MENBO T703 IGVEP VESGA ARR
CYYC	L	ARR FR SW		JET	RNAV	ANTAK T707 IGVEP IGVEP ARR
CYYC	L	ARR FR SW		JET	RNAV	MENBO T703 IGVEP IGVEP ARR
CYYC	H	DEP TO E		NONJET	RNAV	VETBI Q991 LIBOS
CYYC	H	DEP TO E		JET	RNAV	LOMLO Q961 DAPOP
CYYC	H	DEP TO E			RNAV	NOSIV Q909 DESNU
CYYC	L	DEP TO E		NONJET	RNAV	VETBI T797 LIBOS

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYC	L	DEP TO E		JET	RNAV	LOMLO TULOV DAPOP
CYYC	L	DEP TO E			RNAV	NOSIV DESNU
CYYC	H	DEP TO NE		NONJET	RNAV	VETBI Q967 GUDOG
CYYC	H	DEP TO NE		JET	RNAV	LOMLO Q979 TULOV IMOTA
CYYC	H	DEP TO NE		JET	RNAV	LOMLO TULOV MEETO
CYYC	L	DEP TO NE		NONJET	RNAV	VETBI T715 GUDOG
CYYC	L	DEP TO NE		JET	RNAV	LOMLO TULOV IMOTA
CYYC	H	DEP TO NW		NONJET	RNAV	AGMAK TAMVU VOKIM OBNAP
CYYC	H	DEP TO NW		JET	RNAV	IPSIT Q810 SETGA
CYYC	L	DEP TO NW		NONJET	RNAV	AGMAK T694 OBNAP
CYYC	L	DEP TO NW		JET	RNAV	IPSIT DAXIR TOXAB SETGA
CYYC	H	DEP TO S			RNAV	GADKI Q957 VOBUK
CYYC	H	DEP TO S			RNAV	UBVAL Q927 SEKOM
CYYC	H	DEP TO S			RNAV	OTARA Q931 IPTAN
CYYC	H	DEP TO S			RNAV	DUMRA Q890 ROPLA
CYYC	L	DEP TO S			RNAV	GADKI T727 VOBUK
CYYC	L	DEP TO S			RNAV	UBVAL SEKOM
CYYC	L	DEP TO S			RNAV	OTARA IPTAN
CYYC	L	DEP TO S			RNAV	DUMRA T620 MEKPI
CYYC	H	DEP TO SE		NONJET	RNAV	VETBI Q991 LIBOS
CYYC	H	DEP TO SE		JET	RNAV	LOMLO Q961 DAPOP
CYYC	H	DEP TO SE			RNAV	NOSIV Q909 DESNU
CYYC	L	DEP TO SE		NONJET	RNAV	VETBI T797 LIBOS
CYYC	L	DEP TO SE		JET	RNAV	LOMLO TULOV DAPOP
CYYC	L	DEP TO SE			RNAV	NOSIV DESNU
CYYC	H	DEP TO SW		NONJET	RNAV	DUMRA Q890 MEKPI OMSIK
CYYC	H	DEP TO SW		NONJET	RNAV	ROVMA UKSAP NOVAR
CYYC	H	DEP TO SW		JET	RNAV	DUMRA Q890 MEKPI OMSIK
CYYC	H	DEP TO SW		JET	RNAV	BOTAG Q894 BINVO
CYYC	L	DEP TO SW			RNAV	DUMRA T620 OMSIK
CYYC	L	DEP TO SW		NONJET	RNAV	ROVMA T602 NOVAR
CYYC	L	DEP TO SW		JET	RNAV	BOTAG SIMTA BINVO
CYYC	H	DEP TO W		NONJET	RNAV	DUMRA Q890 MEKPI OMSIK
CYYC	H	DEP TO W		NONJET	RNAV	ROVMA UKSAP NOVAR
CYYC	H	DEP TO W		JET	RNAV	DUMRA Q890 MEKPI OMSIK
CYYC	H	DEP TO W		JET	RNAV	BOTAG Q894 BINVO
CYYC	L	DEP TO W			RNAV	DUMRA T620 OMSIK
CYYC	L	DEP TO W		NONJET	RNAV	ROVMA T602 NOVAR
CYYC	L	DEP TO W		JET	RNAV	BOTAG SIMTA BINVO
CYYC	H	DEP TO	CAL4	NONJET	RNAV	SAXOL Q965 ALKIK LISVA GONUK PEPSA SEKIK
CYYC	H	DEP TO	CAL4	JET	RNAV	AVROM Q933 MAPUX LISVA GONUK PEPSA SEKIK
CYYC	L	DEP TO	CAL4	NONJET	RNAV	SAXOL T761 ALKIK LISVA GONUK PEPSA SEKIK
CYYC	L	DEP TO	CAL4	JET	RNAV	AVROM MAPUX LISVA GONUK PEPSA SEKIK
CYYC	H	DEP TO	CCL3	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG
CYYC	H	DEP TO	CCL3	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYYC	L	DEP TO	CCL3	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYYC	L	DEP TO	CCL3	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYYC	H	DEP TO	CET2	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA MUVUD

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYC	H	DEP TO	CET2	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON MUVUD
CYYC	L	DEP TO	CET2	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA MUVUD
CYYC	L	DEP TO	CET2	JET	RNAV	AVROM MAPUX DAVEL LEXON MUVUD
CYYC	H	DEP TO	CFN6	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG
CYYC	H	DEP TO	CFN6	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYYC	L	DEP TO	CFN6	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYYC	L	DEP TO	CFN6	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYYC	H	DEP TO	CRL4	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA SUXEG
CYYC	H	DEP TO	CRL4	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON SUXEG
CYYC	L	DEP TO	CRL4	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA SUXEG
CYYC	L	DEP TO	CRL4	JET	RNAV	AVROM MAPUX DAVEL LEXON SUXEG
CYYC	H	DEP TO	CYEG	NONJET	RNAV	PEVLU BISNO OILRS OILRS ARR
CYYC	H	DEP TO	CYEG	JET	RNAV	BITGA Q995 OILRS OILRS ARR
CYYC	L	DEP TO	CYEG	NONJET	RNAV	PEVLU T759 OILRS OILRS ARR
CYYC	L	DEP TO	CYEG	JET	RNAV	BITGA T753 OILRS OILRS ARR
CYYC	H	DEP TO	CYFI	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA LEXON NANLU YMM
CYYC	H	DEP TO	CYFI	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON NANLU YMM
CYYC	L	DEP TO	CYFI	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA LEXON NANLU YMM
CYYC	L	DEP TO	CYFI	JET	RNAV	AVROM MAPUX DAVEL LEXON NANLU YMM
CYYC	H	DEP TO	CYLB	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR
CYYC	H	DEP TO	CYLB	JET	RNAV	AVROM Q933 MAPUX DAVEL
CYYC	L	DEP TO	CYLB	NONJET	RNAV	SAXOL T761 ALKIK EBLAR
CYYC	L	DEP TO	CYLB	JET	RNAV	AVROM MAPUX DAVEL
CYYC	H	DEP TO	CYMM	NONJET	RNAV	SAXOL Q965 ALKIK EBLAR KAVDA LEXON LEXON ARR
CYYC	H	DEP TO	CYMM	JET	RNAV	AVROM Q933 MAPUX DAVEL LEXON LEXON ARR
CYYC	L	DEP TO	CYMM	NONJET	RNAV	SAXOL T761 ALKIK EBLAR KAVDA LEXON LEXON ARR
CYYC	L	DEP TO	CYMM	JET	RNAV	AVROM MAPUX DAVEL LEXON LEXON ARR
CYYC	H	DEP TO	CYNR	NONJET	RNAV	SAXOL Q965 ALKIK LISVA GONUK PEPSA SEKIK
CYYC	H	DEP TO	CYNR	JET	RNAV	AVROM Q933 MAPUX LISVA GONUK PEPSA SEKIK
CYYC	L	DEP TO	CYNR	NONJET	RNAV	SAXOL T761 ALKIK LISVA GONUK PEPSA SEKIK
CYYC	L	DEP TO	CYNR	JET	RNAV	AVROM MAPUX LISVA GONUK PEPSA SEKIK
CYYC	H&L	DEP TO	CYXH		RNAV	NOSIV ODLAN TUDOX
CYYC	H&L	DEP TO	CYXH		RNAV	NOSIV ODLAN ODLAN ARR
CYYC	H	DEP TO	KBFI	JET	RNAV	BOTAG Q894 BINVO YDC JAKSN GLASR ARR
CYYC	H&L	DEP TO	KBFI		RNAV	DUMRA MEKPI TWIGY GEG GLASR ARR
CYYC	L	DEP TO	KBFI	JET	RNAV	BOTAG SIMTA BINVO YDC JAKSN GLASR ARR
CYYC	L	DEP TO	KBFI	NONJET	RNAV	ROVMA T602 NOVAR YDC JAKSN GLASR ARR
CYYC	H	DEP TO	KFBI	NONJET	RNAV	ROVMA UKSAP NOVAR YDC JAKSN GLASR ARR
CYYC	H	DEP TO	KSEA	JET	RNAV	BOTAG Q894 BINVO YDC JAKSN GLASR ARR
CYYC	H	DEP TO	KSEA	NONJET	RNAV	ROVMA UKSAP NOVAR YDC JAKSN GLASR ARR
CYYC	H&L	DEP TO	KSEA		RNAV	DUMRA MEKPI TWIGY GEG GLASR ARR
CYYC	L	DEP TO	KSEA	JET	RNAV	BOTAG SIMTA BINVO YDC JAKSN GLASR ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZEG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYC	L	DEP TO	KSEA	NONJET	RNAV	ROVMA T602 NOVAR YDC JAKSN GLASR ARR
CYYE	H&L	ARR FR SE		YYE100 CW YYE140	RNAV	BOMON YYE
CZVL	H&L	DEP TO	CYMM		RNAV	LISVA GONUK LEXON LEXON ARR

OVERFLIGHTS						CZEG
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
S-bound	H	YMM	CYYC	JET	RNAV	YMM CACHO IGVUX DUDNI BIRKO BIRKO ARR

CZWG WINNIPEG FIR

Pilots, when applicable, should file the appropriate departure route and connect it to an Arrival route that best matches their desired route of flight.

If no mandatory departure route is published, file direct to the first enroute point.

STARs where published are the mandatory routes into airports. Pilots are expected to file the appropriate STAR. If no mandatory Arrival route or STAR is published, file direct to the airport.

If the route of flight is to extend outside of Winnipeg FIR, connect the routes published herein to the external route at the most logical point.

Routings through Cold Lake MTCA, Moose Jaw MTCA below FL320, and all CYRs and CYAs within the Winnipeg FIR, when active, are to be avoided.

FROM LOCATION TO LOCATION OR DIRECTION						CZWG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYAV	H&L	ARR FR E		A9000 & ABV	RNAV	NORAK
CYAV	H&L	ARR FR N		A9000 & ABV	RNAV	PELMU APNIX
CYAV	H&L	ARR FR N		A9000 & ABV	RNAV	SAVAK APNIX
CYAV	H&L	ARR FR NE		A9000 & ABV	RNAV	NORUN
CYAV	H&L	ARR FR NW		A9000 & ABV	RNAV	AMBIL
CYAV	H&L	DEP TO E		A9000 & ABV	RNAV	RORMA SIDPO DEGVA
CYAV	H&L	DEP TO N		A9000 & ABV, YWG012 CW EAST	RNAV	ELVUX TAGUP
CYAV	H&L	DEP TO NE		A9000 & ABV	RNAV	VILPA PIDVI
CYAV	H&L	DEP TO NW		A9000 & ABV, YWG336 CCW SOUTH	RNAV	MODUL IKLIN
CYAV	H&L	DEP TO NW		A9000 & ABV, YWG337 CW YWG011	RNAV	KERBI SEDIB
CYAV	H&L	DEP TO S		A9000 & ABV, YWG166 CW WEST	RNAV	KAVKI IKLUG
CYAV	H&L	DEP TO SE		A9000 & ABV, YWG135 CCW NORTH	RNAV	OMLOT TUKAD
CYAV	H&L	DEP TO SE		A9000 & ABV, YWG136 CW YWG165	RNAV	ELETO GROLE
CYAV	H&L	DEP TO SW		A9000 & ABV	RNAV	GOSAR DEBMA
CYAV	H&L	DEP TO W		A9000 & ABV, YWG280 CCW SOUTH	RNAV	LIVBI DUKPO FAREN
CYAV	H&L	DEP TO W		A9000 & ABV, YWG281 CW NORTH	RNAV	ALKOG DEPMI MUSKK
CYBR	H&L	ARR FR E			RNAV	TALOP TALOP ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZWG
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYBR	H&L	ARR FR	CYWG		RNAV	BEFAN BEFAN ARR
CYQR	H&L	ARR FR E			RNAV	EMLIK KEMKA KEMKA ARR
CYQR	H&L	ARR FR NW			RNAV	ANTOS ANTOS ARR
CYQR	H&L	ARR FR S			RNAV	MERSU GORAK GORAK ARR
CYQR	H&L	ARR FR SE			RNAV	MOT GORAK GORAK ARR
CYQR	H&L	ARR FR SW			RNAV	YYN ODGOV ODGOV ARR
CYQR	H&L	ARR FR W			RNAV	ODGOV ODGOV ARR
CYQR	H&L	ARR FR W			RNAV	MEDAK ODGOV ODGOV ARR
CYQR	H&L	ARR FR W			RNAV	YYN V300 ODGOV ODGOV ARR
CYQR	H&L	DEP TO S			RNAV	GUBEK DUVIK
CYQR	H&L	DEP TO W			RNAV	VLN
CYQR	H&L	DEP TO W			RNAV	ODGOV
CYQT	H&L	ARR FR E			RNAV	URSUM NOTER ARR
CYQT	H&L	ARR FR NW			RNAV	LIBUK LIBUK ARR
CYQT	H&L	ARR FR SE			RNAV	DUPUL NOTER ARR
CYQT	H&L	ARR FR W			RNAV	TIGAG TIGAG ARR
CYRL	H&L	ARR FR	CYWG		RNAV	NORUN
CYVZ	H&L	ARR FR	CYAV	A9000 & ABV	RNAV	DUVIS SAVAK APNIX
CYVZ	H&L	ARR FR	CYWG	A9000 & ABV	RNAV	DUVIS VITAG KELTO ARR
CYWG	H&L	ARR FR E		A9000 & ABV	RNAV	GOVIT NORAK ARR
CYWG	H&L	ARR FR N		A9000 & ABV	RNAV	VITAG KELTO ARR
CYWG	H&L	ARR FR N		A9000 & ABV	RNAV	GOREL KELTO ARR
CYWG	H&L	ARR FR N		A9000 & ABV	RNAV	TULUP KELTO ARR
CYWG	H&L	ARR FR NW		A9000 & ABV	RNAV	MEVDU AMBIL ARR
CYWG	H&L	ARR FR S		A9000 & ABV	RNAV	LITNA PEPNO ARR
CYWG	H&L	ARR FR SE		A9000 & ABV	RNAV	BIPKU NORAK ARR
CYWG	H&L	ARR FR SW		A9000 & ABV	RNAV	DUVLA BEFAN ARR
CYWG	H&L	ARR FR W		A9000 & ABV	RNAV	YBR BEFAN ARR
CYWG	H&L	ARR FR W		A9000 & ABV	RNAV	KOBID AMBIL ARR
CYWG	H&L	DEP TO E		A9000 & ABV	RNAV	RORMA SIDPO DEGVA
CYWG	H&L	DEP TO N		A9000 & ABV, YWG337 CW YWG011	RNAV	KERBI SEDIB
CYWG	H&L	DEP TO N		A9000 & ABV, YWG012 CW EAST	RNAV	ELVUX TAGUP
CYWG	H&L	DEP TO NE		A9000 & ABV	RNAV	VILPA PIDVI
CYWG	H&L	DEP TO NW		A9000 & ABV, YWG336 CCW SOUTH	RNAV	MODUL IKLIN
CYWG	H&L	DEP TO S		A9000 & ABV, YWG166 CW WEST	RNAV	KAVKI IKLUG
CYWG	H&L	DEP TO SE		A9000 & ABV, YWG135 CCW NORTH	RNAV	OMLOT TUKAD
CYWG	H&L	DEP TO SE		A9000 & ABV, YWG136 CW YWG165	RNAV	ELETO GROLE
CYWG	H&L	DEP TO SW		A9000 & ABV	RNAV	GOSAR DEBMA
CYWG	H&L	DEP TO W		A9000 & ABV, YWG280 CCW SOUTH	RNAV	LIVBI DUKPO FAREN
CYWG	H&L	DEP TO W		A9000 & ABV, YWG281 CW NORTH	RNAV	ALKOG DEPMI MUSKK
CYXE	H&L	ARR FR E			RNAV	PENPI DUNEM ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZWG
AD	**ALT**	**DIRECTION**	**AD**	**LIMITATIONS**	**PROC**	**ROUTE OF FLIGHT**
CYXE	H&L	ARR FR E			RNAV	AMUNA DUNEM ARR
CYXE	H&L	ARR FR S			RNAV	VLN
CYXE	H&L	ARR FR S			RNAV	CAREN CAREN ARR
CYXE	H&L	ARR FR SW			RNAV	GUDOG IMOTA MAVOB MAVOB ARR
CYXE	H&L	ARR FR W			RNAV	KEBRU KEBRU ARR
CYXE	H&L	DEP TO SW			RNAV	OVATA BORIX
CZPB	H&L	ARR FR	CYAV	A9000 & ABV	RNAV	DUVIS SAVAK APNIX
CZPB	H&L	ARR FR	CYWG	A9000 & ABV	RNAV	DUVIS VITAG KELTO ARR
CZSJ	H&L	ARR FR	CYAV	A9000 & ABV	RNAV	DUVIS SAVAK APNIX
CZSJ	H&L	ARR FR	CYWG	A9000 & ABV	RNAV	DUVIS VITAG KELTO ARR

CZYZ TORONTO FIR

LEAD-IN INFORMATION:

- Pilots shall first verify if their point of departure has a mandatory routing. If no route is published file direct to the first enroute point.
- Pilots arriving at an airport within Toronto FIR should verify if that airport has a mandatory route for arrival. If none exists, file direct.
- If the route is to include a significant portion of "overflight" or enroute cruise through Toronto FIR, verify if an overflight route is published.
- If the route of flight is to extend outside of Toronto FIR, connect the routes published herein to the external route at the most logical point. Refer to Montreal or Winnipeg FIR as appropriate after the last given point.
- CYQG departures and arrivals are within the Toronto FIR, however are controlled by the FAA. Listed routings must be connected to the appropriate Toronto FIR overflight or arrival route.

RNAV Routes

- If unable to fly the listed RNAV routing, file an alternate routing via navaids and/or airway, adhering as closely as possible to the mandatory route and include RMK/NON RNAV.
- If unable to fly an RNAV SID and/or an RNAV STAR, file via the RNAV fixes within the procedure and include: RMK/NO RNAV SID and/or RMK/NO RNAV STAR.
- For U.S. destinations, a conventional STAR may be filed; no remark is required.

Single engine aircraft wishing to stay close to land, file RMK/NO OVER WATER.

Eastbound Routes:

- Routings via MIGLO are valid only for flights landing within the Montreal TCU.
- Routings via ELSUB are valid only for flights landing within the Ottawa TCU.
- Routings via MIVOK are valid only for flights landing with the Ottawa TCU or CYFJ or for NONJETS at 13,000 & BLW continuing towards PESAC.

DEPARTURES FROM THE FIR

Pilots departing the airports listed below should file the appropriate departure route, and connect it to the overflight or arrival route that best matches their desired route of flight. Where SIDs and STARs are filed, ensure a published transition point is used.

FAA airports: FAA agreement dictates that aircraft departing CYYZ and area, and arriving at airports contained within this document must file the mandatory routing listed. Aircraft departing CYYZ satellite airports for these destinations should join the mandatory route listed under CYYZ departures.

ARRIVALS WITHIN THE FIR

Pilots arriving at the airports listed below should file the appropriate arrival route, and connect it to the departure route or overflight route that best matches their desired route of flight. Refer to the adjacent FIR as required. Where STARs are filed, ensure a published transition point is used.

EASTBOUND OVERFLIGHTS (refer to Montreal FIR after last listed waypoint)

No eastbound flights will be permitted via MENKO, KENLU, ILUSI or YSO
Routes entering via FNT, HOCKE, a track DAYYY-RUBKI or north of DAYYY-RUBKI: random routing over or north of ROSVO to INF or coastal fix.
Routes entering from SVM or DJB: join via DERLO SIKBO towards IPTOS, LORKA, OLABA, MIGLO or MIVOK.
Routes entering from FNT or HOCKE: join via NUBER SIKBO towards IPTOS, LORKA, OLABA, RAKAM, TULEG, MIGLO or MIVOK.

WESTBOUND OVERFLIGHTS (refer to Montreal FIR prior to the first listed waypoint)

No westbound overflights will be permitted via IPTOS, LORKA, MIGLO, or OLABA.
Excluding KORD arrivals, random routing is acceptable for flights entering:

- North of ROSVO to SSM, ASP, or HOCKE
- North of a track LETAK Q824 TAGUM or LETAK-TVC
- North of a track YEE-DERLO

Flights landing at airports listed below must file an appropriate routing through the Toronto FIR to join the arrival route listed.

FROM LOCATION TO LOCATION OR DIRECTION						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CNC3	L	ARR FR E			RNAV	LETAK T616 KENLU
CNC3	L	ARR FR S			RNAV	OLAMO
CYEE	L	DEP TO	CYYZ	JET	RNAV	BOXUM BOXUM ARR
CYEE	L	DEP TO	CYYZ	NONJET	RNAV	BOXUM DUVOS ARR
CYFD	H	ARR FR E			RNAV	LETAK PEVNI Q806 ILUSI OLAMO

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYFD	L	ARR FR E		A160	RNAV	TUKIR T614 ILUSI OLAMO
CYFD	L	ARR FR E		A140 & BLW	RNAV	ILIXU LINNG
CYFD	H&L	ARR FR N		JET	RNAV	SSM MUSIT TETOS
CYFD	H&L	ARR FR N			RNAV	YVV NUBER
CYFD	H&L	ARR FR N		NONJET	RNAV	YVV TETOS
CYFD	L	ARR FR N		NONJET, A060 & BLW	RNAV	NUGOP
CYFD	H&L	ARR FR S			RNAV	TIKUM
CYFD	L	ARR FR S			RNAV	WOZEE T608 BIMRO
CYFD	H	ARR FR W			RNAV	HOCKE DERLO
CYFD	H	DEP TO E		JET	RNAV	DUROT UKPAG MIVOK
CYFD	H	DEP TO E		JET	RNAV	DUROT UKPAG SANIN MIGLO
CYFD	H	DEP TO E		JET	RNAV	DUROT UKPAG AGNOB IPTOS
CYFD	H	DEP TO E		JET	RNAV	DUROT UKPAG AGNOB Q907 LORKA
CYFD	H	DEP TO E		JET	RNAV	DUROT UKPAG SANIN Q951 OLABA
CYFD	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 TIGET MIGLO
CYFD	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 TIGET OLABA
CYFD	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 IPTOS
CYFD	H&L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET MIVOK
CYFD	L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 TIGET MIGLO
CYFD	L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 TIGET OLABA
CYFD	L	DEP TO E		NONJET, A150 & ABV	RNAV	DUROT TESUK T781 IPTOS
CYFD	H&L	DEP TO N			RNAV	NUBER NUGOP
CYFD	H	DEP TO NE			RNAV	SEDOG Q901 ROSVO
CYFD	H	DEP TO NW		JET	RNAV	MUSIT
CYFD	H&L	DEP TO S				ERI
CYFD	H&L	DEP TO S				EWC
CYFD	H&L	DEP TO SW				GGUCE
CYFD	H&L	DEP TO W			RNAV	DERLO
CYHM	H	ARR FR E			RNAV	TUKIR Q806 ILUSI ERBAL YYZ UDMIK ARR
CYHM	H	ARR FR E		JET	RNAV	ILUSI ERBAL YYZ UDMIK ARR
CYHM	L	ARR FR E		A160	RNAV	TUKIR T614 ILUSI ERBAL YYZ UDMIK ARR
CYHM	L	ARR FR E		A140 & BLW	RNAV	DUGBU T616 AGDUT
CYHM	L	ARR FR E		A140 & BLW	RNAV	ILIXU LINNG
CYHM	H	ARR FR N		JET	RNAV	SSM MUSIT TETOS
CYHM	H&L	ARR FR N		NONJET	RNAV	TETOS
CYHM	L	ARR FR N		A140 & BLW	RNAV	KENLU T616 AGDUT
CYHM	L	ARR FR N		A060 & BLW	RNAV	NUGOP
CYHM	H&L	ARR FR S			RNAV	TIKUM
CYHM	L	ARR FR S			RNAV	WOZEE COLTS COLTS ARR
CYHM	H&L	ARR FR SW			RNAV	GGUCE TIKUM TIKUM ARR
CYHM	H	ARR FR W			RNAV	HOCKE AVSOX AVSOX ARR
CYHM	H	DEP TO E		JET	RNAV	DUROT UKPAG MIVOK
CYHM	H	DEP TO E		JET	RNAV	DUROT UKPAG SANIN MIGLO
CYHM	H	DEP TO E		JET	RNAV	DUROT UKPAG AGNOB IPTOS
CYHM	H	DEP TO E		JET	RNAV	DUROT UKPAG AGNOB Q907 LORKA
CYHM	H	DEP TO E		JET	RNAV	DUROT UKPAG SANIN Q951 OLABA
CYHM	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 TIGET MIGLO

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYHM	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 TIGET OLABA
CYHM	H	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET Q921 IPTOS
CYHM	H&L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 BOMET MIVOK
CYHM	H&L	DEP TO E				DUROT ART
CYHM	L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 TIGET MIGLO
CYHM	L	DEP TO E		NONJET	RNAV	DUROT TESUK T781 TIGET OLABA
CYHM	L	DEP TO E		NONJET, A150 & ABV	RNAV	DUROT TESUK T781 IPTOS
CYHM	H&L	DEP TO N			RNAV	NUBER YVV
CYHM	H	DEP TO NE			RNAV	SEDOG Q901 ROSVO
CYHM	H&L	DEP TO NE			RNAV	NUBER NUGOP
CYHM	H	DEP TO NW			RNAV	NUBER MUSIT
CYHM	H&L	DEP TO S				ERI
CYHM	H&L	DEP TO S				EWC
CYHM	H&L	DEP TO SW				GGUCE
CYHM	H&L	DEP TO W			RNAV	DERLO
CYKF	H&L	ARR FR E		A160 & ABV	RNAV	TUKIR Q806 ILUSI ERBAL MAPEM
CYKF	L	ARR FR E		A150 & BLW	RNAV	DUGBU T616 REVUD
CYKF	H&L	ARR FR N			RNAV	REVUD
CYKF	L	ARR FR N		N0200 & BLW	RNAV	YVV REVUD
CYKF	H	DEP TO E		JET	RNAV	SIKBO Q905 BOMET Q921 IPTOS
CYKF	H	DEP TO E		JET	RNAV	SIKBO Q907 LORKA
CYKF	H	DEP TO E		JET	RNAV	SIKBO Q951 OLABA
CYKF	H	DEP TO E		JET	RNAV	SIKBO Q905 BOMET MIVOK
CYKF	H	DEP TO E		JET	RNAV	SIKBO Q951 SANIN MIGLO
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 IPTOS
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 BOMET Q921 IPTOS
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 TIGET OLABA
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 BOMET Q921 OLABA
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 BOMET MIVOK
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 TIGET MIGLO
CYKF	H&L	DEP TO E		NONJET, A120 & ABV	RNAV	DAVSI T781 BOMET Q921 TIGET MIGLO
CYKF	L	DEP TO E		NONJET, A110 & BLW	RNAV	AGDUT T616 KENLU IPTOS
CYKF	L	DEP TO E		NONJET, A110 & BLW	RNAV	AGDUT T616 KENLU OLABA
CYKF	L	DEP TO E		NONJET, A110 & BLW	RNAV	AGDUT T616 KENLU MIVOK
CYKF	L	DEP TO E		NONJET, A110 & BLW	RNAV	AGDUT T616 KENLU MIGLO
CYKF	H&L	DEP TO N				YVV
CYKF	H&L	DEP TO NE			RNAV	NUGOP
CYKF	H	DEP TO NW			RNAV	MUSIT
CYKF	L	DEP TO	CYOO		RNAV	NUBER T614 ILUSI
CYKF	L	DEP TO	CYPQ	A050 & BLW	RNAV	NUBER T614 ILUSI
CYKF	L	DEP TO	CYPQ	A070 & ABV	RNAV	AGDUT T616 KENLU
CYLS	L	DEP TO	CYYZ	JET	RNAV	BOXUM BOXUM ARR
CYLS	L	DEP TO	CYYZ	JET	RNAV	IMEBA IMEBA ARR
CYLS	L	DEP TO	CYYZ	NONJET	RNAV	BOXUM NUGOP ARR
CYLS	L	DEP TO	CYYZ	NONJET, N0191 & ABV	RNAV	IMEBA VIBLI ARR
CYLS	L	DEP TO	CYYZ	NONJET, N0190 & BLW	RNAV	IMEBA YYZ
CYOO	H	ARR FR E			RNAV	TUKIR Q806 ILUSI
CYOO	L	ARR FR E			RNAV	PEVNI T614 ILUSI

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYOO	H&L	ARR FR N				KENLU
CYOO	H&L	ARR FR S				DUROT
CYOO	H&L	ARR FR W			RNAV	DERLO DUROT
CYOO	H	DEP TO E		JET, F250 & ABV	RNAV	TALEB Q905 IPTOS
CYOO	H	DEP TO E			RNAV	TALEB T781 BOMET Q921 IPTOS
CYOO	H	DEP TO E			RNAV	TALEB T781 BOMET Q921 TIGET OLABA
CYOO	H	DEP TO E			RNAV	TALEB T781 BOMET Q921 TIGET MIGLO
CYOO	H&L	DEP TO E			RNAV	TALEB T781 BOMET MIVOK
CYOO	L	DEP TO E		A150 & ABV	RNAV	TALEB T781 IPTOS
CYOO	L	DEP TO E			RNAV	TALEB T781 TIGET OLABA
CYOO	L	DEP TO E			RNAV	TALEB T781 TIGET MIGLO
CYOO	H&L	DEP TO N			RNAV	TONNY YEE
CYOO	H&L	DEP TO NW			RNAV	TONNY YEE SILVU
CYOO	H&L	DEP TO S			RNAV	DUROT
CYOO	H&L	DEP TO SE			RNAV	MEDAV
CYOO	H&L	DEP TO W			RNAV	KENLU T616 HOCKE
CYOO	L	DEP TO	CYKF		RNAV	MENTI T614 NUBER
CYOO	L	DEP TO	CYLS		RNAV	TANGI
CYOO	L	DEP TO	CYQA		RNAV	TANGI
CYPQ	H&L	ARR FR W		A070 & ABV	RNAV	AGDUT T616 KENLU
CYPQ	L	ARR FR W		A050 & BLW	RNAV	NUBER T614 ILUSI
CYPQ	L	DEP TO	CYYZ	JET	RNAV	RAGID RAGID ARR
CYPQ	L	DEP TO	CYYZ	NONJET	RNAV	RAGID UDNOX ARR
CYPQ	L	DEP TO	CYYZ	NONJET, N0190 & BLW	RNAV	IMEBA YYZ
CYQA	H&L	DEP TO	CYOW		RNAV	ONDOB MEECH ARR
CYQG	H&L	ARR FR E			RNAV	DERLO PICUP GIGGY ARR
CYQG	H&L	ARR FR E			RNAV	COLTS GIGGY ARR
CYQG	H	DEP TO E			RNAV	MALTB SID BROKK
CYQG	H&L	DEP TO E		JET	RNAV	FLOKA SID
CYQG	H&L	DEP TO E		NONJET	RNAV	MALTB SID BROKK FINGL DERLO
CYQG	H&L	DEP TO N			RNAV	FLOKA SID
CYQG	H&L	DEP TO NW			RNAV	JAXII MONEE
CYQG	H&L	DEP TO	CYYZ	JET	RNAV	FLOKA SID TANKO APDAX NUBER ARR
CYQG	H&L	DEP TO	CYYZ	NONJET	RNAV	FLOKA SID TANKO APDAX NAKBO ARR
CYSN	H&L	ARR FR E			RNAV	ILIXU
CYSN	H&L	ARR FR N			RNAV	ILUSI
CYSN	H&L	ARR FR NE			RNAV	ILUSI
CYSN	H	DEP TO E		JET	RNAV	UKPAG AGNOB IPTOS
CYSN	H	DEP TO E		NONJET	RNAV	TESUK T781 BOMET Q921 IPTOS
CYSN	H	DEP TO E		JET	RNAV	UKPAG SANIN Q951 OLABA
CYSN	H	DEP TO E		NONJET	RNAV	TESUK T781 BOMET Q921 TIGET OLABA
CYSN	H	DEP TO E		JET	RNAV	UKPAG AGNOB KANIK
CYSN	H	DEP TO E			RNAV	TESUK T781 BOMET Q951 TIGET MIGLO
CYSN	H&L	DEP TO E		NONJET	RNAV	TESUK T781 BOMET MIVOK
CYSN	L	DEP TO E		NONJET, A150 & ABV	RNAV	TESUK T781 IPTOS
CYSN	L	DEP TO E		NONJET	RNAV	TESUK T781 TIGET OLABA
CYSN	L	DEP TO E			RNAV	TESUK T781 TIGET MIGLO
CYSN	H&L	DEP TO N			RNAV	YEE
CYSN	H&L	DEP TO NW		N0210 & ABV	RNAV	TONNY SILVU
CYSN	H&L	DEP TO NW		N0210 & ABV	RNAV	AGDUT SSM

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYSN	H&L	DEP TO NW			RNAV	OLAMO NUBER YVV
CYSN	H&L	DEP TO S				JHW
CYSN	H&L	DEP TO SE			RNAV	AIRCO
CYSN	H&L	DEP TO SW				GGUCE
CYSN	H&L	DEP TO W			RNAV	DERLO
CYSN	H&L	DEP TO W			RNAV	BOSEP HOCKE
CYSN	L	DEP TO	CYLS		RNAV	SEDOG TANGI
CYSN	L	DEP TO	CYQA		RNAV	SEDOG TANGI
CYTZ	H&L	ARR FR E			RNAV	KEMVI ILIXU ARR
CYTZ	H&L	ARR FR E			RNAV	ILIXU ILIXU ARR
CYTZ	H&L	ARR FR N			RNAV	DUTUD KENLU KIVUN UKROX
CYTZ	H&L	ARR FR N			RNAV	KENLU KIVUN UKROX
CYTZ	H&L	ARR FR NW			RNAV	WALPP IKLUX KIVUN UKROX
CYTZ	H&L	ARR FR S				LINNG
CYTZ	H&L	ARR FR W			RNAV	GGUCE DUROT
CYTZ	H&L	DEP TO E		A150 & ABV	RNAV	BOMET DEP IPTOS
CYTZ	H&L	DEP TO E			RNAV	BOMET DEP OLABA
CYTZ	H&L	DEP TO E			RNAV	BOMET DEP MIGLO
CYTZ	H&L	DEP TO E			RNAV	BOMET DEP MIVOK
CYTZ	H&L	DEP TO N			RNAV	IKLEN TONNY
CYTZ	H&L	DEP TO NW			RNAV	AGDUT KASED
CYTZ	H&L	DEP TO NW			RNAV	IKLEN TONNY YEE SILVU
CYTZ	H&L	DEP TO S			RNAV	OAKVL DEP ERI
CYTZ	H&L	DEP TO S			RNAV	OAKVL DEP AIRRA
CYTZ	H&L	DEP TO S			RNAV	OAKVL DEP FOXEE
CYTZ	H&L	DEP TO SE			RNAV	MAVAN DEP BMPAH AEVON
CYTZ	H&L	DEP TO SE		N0320 & ABV	RNAV	TEVAD DEP AHPAH
CYTZ	H&L	DEP TO SE			RNAV	DUSOM DEP PSB
CYTZ	H&L	DEP TO SW		F260 & ABV	RNAV	PERLO DEP GNTRY
CYTZ	H&L	DEP TO SW			RNAV	PERLO DEP DERLO
CYTZ	H&L	DEP TO SW		F240 & BLW	RNAV	PERLO DEP GGUCE
CYTZ	H	DEP TO W			RNAV	PERLO DEP DERLO Q935 HOCKE
CYTZ	L	DEP TO W			RNAV	PERLO DEP DERLO T608 HOCKE
CYTZ	H&L	DEP TO	CYGK		RNAV	DAVSI TESUK YTR
CYTZ	L	DEP TO	CYLS		RNAV	SEDOG TANGI
CYTZ	L	DEP TO	CYLS		RNAV	IKLEN TONNY
CYTZ	L	DEP TO	CYQA		RNAV	SEDOG TANGI
CYTZ	H&L	DEP TO	CYTR		RNAV	DAVSI TESUK YTR
CYVV	L	DEP TO	CYYZ	JET	RNAV	BOXUM BOXUM ARR
CYVV	L	DEP TO	CYYZ	NONJET	RNAV	BOXUM DUVOS ARR
CYXU	H	ARR FR E		ABV A16000	RNAV	TUKIR Q806 ILUSI ERBAL YYZ LETOR
CYXU	L	ARR FR E		A14000 & BLW	RNAV	LETAK T616 REVUD
CYXU	H	ARR FR NE			RNAV	ROSVO Q802 KENLU TONNY AGDUT REVUD
CYXU	H	DEP TO E		JET	RNAV	NUBER SIKBO Q905 IPTOS
CYXU	H	DEP TO E		NONJET	RNAV	NUBER DAVSI T781 BOMET Q921 IPTOS
CYXU	H	DEP TO E		JET	RNAV	NUBER SIKBO Q907 LORKA
CYXU	H	DEP TO E		JET	RNAV	NUBER SIKBO Q951 OLABA
CYXU	H	DEP TO E		NONJET	RNAV	NUBER DAVSI T781 BOMET Q921 TIGET OLABA
CYXU	H	DEP TO E		JET	RNAV	NUBER SIKBO Q905 BOMET MIVOK
CYXU	H	DEP TO E		NONJET	RNAV	NUBER DAVSI T781 BOMET MIVOK

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	**ALT**	**DIRECTION**	**AD**	**LIMITATIONS**	**PROC**	**ROUTE OF FLIGHT**
CYXU	H	DEP TO E		JET	RNAV	NUBER SIKBO Q951 SANIN MIGLO
CYXU	H	DEP TO E		NONJET	RNAV	NUBER DAVSI T781 BOMET Q921 TIGET MIGLO
CYXU	L	DEP TO E		NONJET, A170	RNAV	NUBER DAVSI T781 IPTOS
CYXU	L	DEP TO E		NONJET, A150	RNAV	DUROT TESUK T781 IPTOS
CYXU	L	DEP TO E		NONJET, A170	RNAV	NUBER DAVSI T781 TIGET OLABA
CYXU	L	DEP TO E		NONJET, A150 & BLW	RNAV	DUROT TESUK T781 TIGET OLABA
CYXU	L	DEP TO E		NONJET, A170	RNAV	NUBER DAVSI T781 BOMET MIVOK
CYXU	L	DEP TO E		NONJET, A150 & BLW	RNAV	DUROT TESUK T781 BOMET MIVOK
CYXU	L	DEP TO E		NONJET, A170	RNAV	NUBER DAVSI T781 BOMET Q921 TIGET MIGLO
CYXU	L	DEP TO E		NONJET, A150 & BLW	RNAV	DUROT TESUK T781 TIGET MIGLO
CYXU	H&L	DEP TO N				YVV
CYXU	H&L	DEP TO NE			RNAV	NUGOP
CYXU	H&L	DEP TO NW			RNAV	MUSIT
CYXU	H	DEP TO W			RNAV	KARIT
CYXU	H&L	DEP TO W			RNAV	HOCKE
CYXU	H&L	DEP TO W				HOCKE FNT
CYYZ	H	ARR FR E		JET	RNAV	TUKIR RAGID ARR
CYYZ	H&L	ARR FR E		NONJET	RNAV	TUKIR UDNOX ARR
CYYZ	H&L	ARR FR N		JET, WEST OF YYB	RNAV	IRKIM BOXUM ARR
CYYZ	H&L	ARR FR N		NONJET, WEST OF YYB	RNAV	IRKIM DUVOS ARR
CYYZ	H&L	ARR FR N		NONJET, N0191 & ABV	RNAV	OXASA IMEBA VILBI ARR
CYYZ	L	ARR FR N		NONJET, N0190 & BLW	RNAV	OXASA IMEBA YYZ
CYYZ	H	ARR FR NE		JET	RNAV	YVO IMEBA IMEBA ARR
CYYZ	H	ARR FR NE		JET	RNAV	POLTY IMEBA ARR
CYYZ	H	ARR FR NE		JET	RNAV	LETAK IMEBA ARR
CYYZ	H	ARR FR NE		JET	RNAV	ROSVO IMEBA ARR
CYYZ	H&L	ARR FR NE		NONJET, N0191 & ABV	RNAV	LETAK VIBLI ARR
CYYZ	H&L	ARR FR NE		NONJET	RNAV	ROSVO BETUL VIBLI ARR
CYYZ	L	ARR FR NE		NONJET, N0190 & BLW	RNAV	LETAK IMEBA YYZ
CYYZ	H&L	ARR FR NW		JET	RNAV	OTNIK BOXUM ARR
CYYZ	H&L	ARR FR NW		JET	RNAV	TUDAN BOXUM ARR
CYYZ	H&L	ARR FR NW		NONJET	RNAV	OTNIK DUVOS ARR
CYYZ	H&L	ARR FR NW		NONJET	RNAV	TUDAN DUVOS ARR
CYYZ	H&L	ARR FR NW		NONJET	RNAV	SSM DUVOS ARR
CYYZ	H&L	ARR FR S		JET	RNAV	WOZEE LINNG ARR
CYYZ	H&L	ARR FR S		NONJET	RNAV	WOZEE VERKO ARR
CYYZ	H&L	ARR FR S		JET	RNAV	LOKPU LINNG ARR
CYYZ	H&L	ARR FR S		NONJET	RNAV	LOKPU VERKO ARR
CYYZ	H	ARR FR SW		JET	RNAV	QWERI NUBER ARR
CYYZ	H	ARR FR SW		JET	RNAV	FINGL NUBER ARR
CYYZ	H&L	ARR FR SW		JET	RNAV	OXMAN LINNG ARR
CYYZ	H&L	ARR FR SW		NONJET	RNAV	OXMAN VERKO ARR
CYYZ	H&L	ARR FR SW		NONJET	RNAV	QWERI NAKBO ARR
CYYZ	H&L	ARR FR SW		NONJET	RNAV	FINGL NAKBO ARR
CYYZ	H&L	ARR FR W		JET	RNAV	MONEE NUBER ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYZ	H&L	ARR FR W		JET	RNAV	YZEMN NUBER ARR
CYYZ	H&L	ARR FR W		JET	RNAV	APDAX NUBER ARR
CYYZ	H&L	ARR FR W		JET	RNAV	NUBER NUBER ARR
CYYZ	H&L	ARR FR W		NONJET	RNAV	MONEE NAKBO ARR
CYYZ	H&L	ARR FR W		NONJET	RNAV	YZEMN NAKBO ARR
CYYZ	H&L	ARR FR W		NONJET	RNAV	APDAX NAKBO ARR
CYYZ	H&L	ARR FR W		NONJET	RNAV	NUBER NAKBO ARR
CYYZ	H&L	DEP TO E		JET	RNAV	VERDO DEP IPTOS
CYYZ	H&L	DEP TO E		JET	RNAV	VERDO DEP LORKA
CYYZ	H&L	DEP TO E		JET	RNAV	VERDO DEP ELSUB
CYYZ	H&L	DEP TO E		JET	RNAV	DEDKI DEP MIGLO
CYYZ	H&L	DEP TO E		JET	RNAV	DEDKI DEP OLABA
CYYZ	H&L	DEP TO E		JET	RNAV	DEDKI DEP TULEG
CYYZ	H&L	DEP TO E		NONJET, A150 & ABV	RNAV	BOMET DEP IPTOS
CYYZ	H&L	DEP TO E		NONJET	RNAV	BOMET DEP MIVOK
CYYZ	H&L	DEP TO E		NONJET	RNAV	BOMET DEP MIGLO
CYYZ	H&L	DEP TO E		NONJET	RNAV	BOMET DEP OLABA
CYYZ	H&L	DEP TO E		JET	RNAV	DEDKI DEP RAKAM
CYYZ	H&L	DEP TO N		JET	RNAV	KISEP DEP SILVU
CYYZ	H&L	DEP TO N		JET	RNAV	IKLEN DEP TONNY
CYYZ	H&L	DEP TO N		NONJET	RNAV	EBKIN DEP SILVU
CYYZ	H&L	DEP TO N		NONJET	RNAV	MATES DEP TONNY
CYYZ	H&L	DEP TO NE		JET	RNAV	SEDOG DEP BOBSU
CYYZ	H&L	DEP TO NE		NONJET	RNAV	LAKES DEP TANGI
CYYZ	H&L	DEP TO NW		JET	RNAV	URSAL DEP KASED
CYYZ	H&L	DEP TO NW		NONJET	RNAV	NOSIK DEP KASED
CYYZ	H&L	DEP TO NW		JET	RNAV	AVSEP DEP MUSIT
CYYZ	H&L	DEP TO NW		NONJET	RNAV	NUGOP DEP MUSIT
CYYZ	H&L	DEP TO NW		JET	RNAV	URSAL DEP ZOHAN
CYYZ	H&L	DEP TO NW		NONJET	RNAV	NOSIK DEP ZOHAN
CYYZ	H&L	DEP TO S		JET	RNAV	BETES DEP FOXEE
CYYZ	H&L	DEP TO S		JET	RNAV	BETES DEP AIRRA
CYYZ	H&L	DEP TO S		JET	RNAV	BETES DEP ERI
CYYZ	H&L	DEP TO S		NONJET	RNAV	OAKVL DEP FOXEE
CYYZ	H&L	DEP TO S		NONJET	RNAV	OAKVL DEP AIRRA
CYYZ	H&L	DEP TO S		NONJET	RNAV	OAKVL DEP ERI
CYYZ	H	DEP TO SE		JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL Q140 ARRKK
CYYZ	H	DEP TO SE		NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 ARRKK
CYYZ	H	DEP TO SE		JET	RNAV	KEPTA DEP BMPAH AEVON HANKK PONCT
CYYZ	H	DEP TO SE		NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK PONCT
CYYZ	H&L	DEP TO SE		JET	RNAV	KEPTA DEP BMPAH
CYYZ	H&L	DEP TO SE		JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL
CYYZ	H&L	DEP TO SE		NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH
CYYZ	H&L	DEP TO SE		NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH
CYYZ	H&L	DEP TO SE		NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON HANKK PONCT
CYYZ	H&L	DEP TO SE		JET	RNAV	RIGUS DEP PSB

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	**ALT**	**DIRECTION**	**AD**	**LIMITATIONS**	**PROC**	**ROUTE OF FLIGHT**
CYYZ	H&L	DEP TO SE		NONJET	RNAV	DUSOM DEP PSB
CYYZ	H&L	DEP TO SE		NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL ARRKK
CYYZ	H	DEP TO SW		JET, F260 & ABV	RNAV	MIXUT DEP GNTRY
CYYZ	H	DEP TO SW		NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY
CYYZ	H&L	DEP TO SW		JET, F240 & BLW	RNAV	ANCOL DEP GGUCE
CYYZ	H&L	DEP TO SW		NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE
CYYZ	H&L	DEP TO W		JET	RNAV	GOPUP DEP HOCKE
CYYZ	H&L	DEP TO W		NONJET	RNAV	TULEK DEP HOCKE
CYYZ	H&L	DEP TO W		JET	RNAV	GOPUP DEP SLLAP
CYYZ	H&L	DEP TO W		NONJET	RNAV	TULEK DEP SLLAP
CYYZ	H&L	DEP TO W		NONJET, A120 & BLW	RNAV	TULEK DEP IKMOK
CYYZ	H&L	DEP TO	CYCK	JET	RNAV	ANCOL DEP GGUCE
CYYZ	H&L	DEP TO	CYCK	NONJET	RNAV	PERLO DEP GGUCE
CYYZ	H&L	DEP TO	CYGD	JET	RNAV	TULEK
CYYZ	H&L	DEP TO	CYGD	NONJET	RNAV	TULEK DEP IKMOK
CYYZ	H	ARR FR	CYGK	JET	RNAV	AGNOB UDNOX RAGID ARR
CYYZ	H&L	ARR FR	CYGK	NONJET	RNAV	AGNOB UDNOX UDNOX ARR
CYYZ	H&L	DEP TO	CYGK	NONJET	RNAV	BOMET DEP OLABA
CYYZ	L	DEP TO	CYHM		RNAV	OLAMO
CYYZ	L	DEP TO	CYLS	JET	RNAV	SEDOG TANGI
CYYZ	L	DEP TO	CYLS	NONJET	RNAV	LAKES DEP TANGI
CYYZ	L	DEP TO	CYLS	JET	RNAV	IKLEN DEP TONNY
CYYZ	L	DEP TO	CYLS	NONJET	RNAV	MATES DEP TONNY
CYYZ	H	ARR FR	CYOW	JET	RNAV	TUKIR IMEBA ARR
CYYZ	H&L	ARR FR	CYOW	NONJET, N0191 & ABV	RNAV	TUKIR VIBLI ARR
CYYZ	L	ARR FR	CYOW	NONJET, N0190 & BLW	RNAV	TUKIR TADMO IMEBA YYZ
CYYZ	L	DEP TO	CYPQ		RNAV	DAVSI T781 TALEB
CYYZ	L	DEP TO	CYQA	JET	RNAV	SEDOG TANGI
CYYZ	L	DEP TO	CYQA	NONJET	RNAV	LAKES DEP TANGI
CYYZ	H&L	DEP TO	CYQG	JET, MAX F220	RNAV	MIXUT DEP DERLO PICUP GIGGY ARR
CYYZ	H&L	DEP TO	CYQG	NONJET, MAX F220	RNAV	PEMBA DEP DERLO PICUP GIGGY ARR
CYYZ	H	ARR FR	CYTR	JET	RNAV	AGNOB UDNOX RAGID ARR
CYYZ	H&L	ARR FR	CYTR	NONJET	RNAV	AGNOB UDNOX UDNOX ARR
CYYZ	H&L	DEP TO	CYTR		RNAV	DAVSI TESUK YTR
CYYZ	L	DEP TO	CYXU	JET	RNAV	MIXUT DEP DERLO
CYYZ	L	DEP TO	CYXU	NONJET	RNAV	PEMBA DEP DERLO
CYYZ	H&L	DEP TO	CYZR	JET	RNAV	TULEK
CYYZ	H&L	DEP TO	CYZR	NONJET	RNAV	TULEK DEP IKMOK
CYYZ	H&L	DEP TO	KABE	JET	RNAV	RIGUS DEP PSB MIP
CYYZ	H&L	DEP TO	KABE	NONJET	RNAV	DUSOM DEP PSB MIP
CYYZ	H&L	DEP TO	KACY	JET	RNAV	RIGUS DEP PSB HAR DQO ENO SIE
CYYZ	H&L	DEP TO	KACY	NONJET	RNAV	DUSOM DEP PSB HAR DQO ENO SIE
CYYZ	H	DEP TO	KBDL	JET	RNAV	KEPTA DEP BMPAH AEVON AUDIL STELA ARR
CYYZ	H	DEP TO	KBDL	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON AUDIL STELA ARR
CYYZ	L	DEP TO	KBDL	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK AUDIL STELA ARR
CYYZ	H	DEP TO	KBOS	JET	RNAV	KEPTA DEP BMPAH AEVON HANKK PONCT JFUND ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYZ	H	DEP TO	KBOS	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK FABEN ALB GARDNER ARR
CYYZ	H&L	DEP TO	KBOS	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON HANKK FABEN ALB GARDNER ARR
CYYZ	L	DEP TO	KBUF	JET, MAX A090	RNAV	KEPTA DEP WOZEE
CYYZ	L	DEP TO	KBUF	NONJET, MAX A090	RNAV	MAVAN DEP WOZEE
CYYZ	L	DEP TO	KBUF	SINGLE ENGINE	RNAV	OLAMO
CYYZ	H	DEP TO	KBWI	JET	RNAV	KEPTA DEP BMPAH DDUBS IZZEE TRISH ARR
CYYZ	H&L	DEP TO	KBWI	NONJET	RNAV	DUSOM DEP PSB SEG RAV V170 KERYN V499 TRISH
CYYZ	H&L	DEP TO	KCLE	JET, MAX F220	RNAV	BETES DEP ERI LFTON TRYBE STAR
CYYZ	H&L	DEP TO	KCLE	JET, MAX F220	RNAV	BETES DEP ERI TRYBE TRYBE STAR
CYYZ	H&L	DEP TO	KCLE	NONJET, MAX F220	RNAV	OAKVL DEP ERI LFTON TRYBE STAR
CYYZ	H&L	DEP TO	KCLE	NONJET, MAX F220	RNAV	OAKVL DEP ERI TRYBE TRYBE STAR
CYYZ	H	DEP TO	KCMH	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY APE
CYYZ	H	DEP TO	KCMH	JET, F240 & BLW	RNAV	ANCOL DEP GGUCE APE
CYYZ	H	DEP TO	KCMH	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY APE
CYYZ	H&L	DEP TO	KCMH	NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE APE
CYYZ	H	DEP TO	KCVG	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY UKATS TIGRR ARR
CYYZ	H	DEP TO	KCVG	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY UKATS TIGRR ARR
CYYZ	H&L	DEP TO	KCVG	JET, F240 & BLW	RNAV	ANCOL DEP GGUCE UKATS TIGRR ARR
CYYZ	H&L	DEP TO	KCVG	NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE UKATS TIGRR ARR
CYYZ	H	DEP TO	KDAY	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY ROD
CYYZ	H	DEP TO	KDAY	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY ROD
CYYZ	H&L	DEP TO	KDAY	JET, F240 & BLW	RNAV	ANCOL DEP GGUCE ROD
CYYZ	H&L	DEP TO	KDAY	NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE ROD
CYYZ	H	DEP TO	KDCA	JET	RNAV	RIGUS DEP PSB SKILS ARR
CYYZ	H&L	DEP TO	KDCA	NONJET	RNAV	DUSOM DEP PSB HAR V265 KRANT
CYYZ	H	DEP TO	KDET	JET, MAX F220	RNAV	MIXUT DEP DERLO PICUP GIGGY ARR
CYYZ	H&L	DEP TO	KDET	NONJET, MAX F220	RNAV	PEMBA DEP DERLO PICUP GIGGY ARR
CYYZ	H&L	DEP TO	KDTW	JET, MAX F220	RNAV	ANCOL DEP GGUCE TPGUN ARR
CYYZ	H&L	DEP TO	KDTW	NONJET, MAX F220	RNAV	PERLO DEP GGUCE TPGUN ARR
CYYZ	H&L	DEP TO	KDTW	JET, MAX F220	RNAV	ANCOL DEP GGUCE CUUGR ARR
CYYZ	H&L	DEP TO	KDTW	NONJET, MAX F220	RNAV	PERLO DEP GGUCE CUUGR ARR
CYYZ	H&L	DEP TO	KERI	JET	RNAV	BETES DEP ERI
CYYZ	H&L	DEP TO	KERI	NONJET	RNAV	OAKVL DEP ERI
CYYZ	H	DEP TO	KEWR	JET	RNAV	KEPTA DEP BMPAH AEVON GEE FLOSI ARR
CYYZ	H&L	DEP TO	KEWR	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 KODEY HNK FLOSI ARR
CYYZ	H&L	DEP TO	KEWR	NONJET, N0250 - N0319	RNAV	MAVAN DEP BMPAH AEVON GEE FLOSI ARR
CYYZ	L	DEP TO	KEWR	NONJET, N0249 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL HNK V167 WEARD V489 COATE
CYYZ	H	DEP TO	KGRR	JET	RNAV	GOPUP DEP HOCKE
CYYZ	H&L	DEP TO	KGRR	NONJET	RNAV	TULEK DEP HOCKE
CYYZ	H	DEP TO	KHPN	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL DNY VALRE ARR
CYYZ	H&L	DEP TO	KHPN	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH EXTOL DNY VALRE ARR
CYYZ	H&L	DEP TO	KHPN	NONJET, N0250 - N0319	RNAV	MAVAN DEP BMPAH AEVON EXTOL DNY VALRE ARR
CYYZ	H&L	DEP TO	KHPN	NONJET, N0250 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL RKA NOBBI ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYZ	H	DEP TO	KIAD	JET	RNAV	RIGUS DEP PSB WAYNZ ARR
CYYZ	H	DEP TO	KIAD	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON SEG PRTZL ARR
CYYZ	H	DEP TO	KIAD	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH SEG PRTZL ARR
CYYZ	L	DEP TO	KIAG	JET, MAX A090	RNAV	KEPTA DEP WOZEE
CYYZ	L	DEP TO	KIAG	NONJET, MAX A090	RNAV	MAVAN DEP WOZEE
CYYZ	H	DEP TO	KILG	JET	RNAV	RIGUS DEP PSB BUNTS ARR
CYYZ	H	DEP TO	KILG	NONJET	RNAV	DUSOM DEP PSB BUNTS ARR
CYYZ	L	DEP TO	KILG	NONJET, N0249 & BLW	RNAV	DUSOM DEP PSB HAR V210 BUNTS
CYYZ	H	DEP TO	KIND	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY RINTE SNKPT ARR
CYYZ	H	DEP TO	KIND	JET, F240 & BLW	RNAV	ANCOL DEP GGUCE RINTE SNKPT ARR
CYYZ	H	DEP TO	KIND	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY RINTE SNKPT ARR
CYYZ	H&L	DEP TO	KIND	NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE RINTE SNKPT ARR
CYYZ	H	DEP TO	KISP	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL HNK NELIE ARR
CYYZ	H	DEP TO	KISP	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 KODEY HNK NELIE ARR
CYYZ	H	DEP TO	KISP	JET	RNAV	KEPTA DEP BMPAH AEVON HANKK FABEN ALB NELIE ARR
CYYZ	H	DEP TO	KISP	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK FABEN ALB NELIE ARR
CYYZ	H&L	DEP TO	KISP	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL HNK NELIE ARR
CYYZ	H&L	DEP TO	KISP	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON HANKK FABEN ALB NELIE ARR
CYYZ	H	DEP TO	KJFK	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL Q140 YODAA IGN KINGSTON ARR
CYYZ	H	DEP TO	KJFK	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 YODAA IGN KINGSTON ARR
CYYZ	H	DEP TO	KJFK	NONJET, N0250-N0319	RNAV	MAVAN DEP BMPAH AEVON EXTOL ARRKK YODAA IGN KINGSTON ARR
CYYZ	H&L	DEP TO	KJFK	NONJET, N0250 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL DNY PAWLING ARR
CYYZ	H	DEP TO	KLGA	JET	RNAV	KEPTA DEP BMPAH AEVON AUDIL RKA HAARP ARR
CYYZ	H	DEP TO	KLGA	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH AUDIL RKA HAARP ARR
CYYZ	H&L	DEP TO	KLGA	NONJET, N0250-N0319	RNAV	MAVAN DEP BMPAH AEVON AUDIL RKA HAARP ARR
CYYZ	L	DEP TO	KLGA	NONJET, N0250 & BLW	RNAV	MAVAN DEP BMPAH AEVON AUDIL RKA NOBBI ARR
CYYZ	H	DEP TO	KMDW	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY ASHEN BAGEL PANGG ARR
CYYZ	H	DEP TO	KMDW	JET, F240 & BLW	RNAV	MIXUT DEP DERLO QWERI BAGEL PANGG ARR
CYYZ	H	DEP TO	KMDW	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY ASHEN BAGEL PANGG ARR
CYYZ	H&L	DEP TO	KMDW	NONJET, F240 & BLW	RNAV	PEMBA DEP DERLO QWERI BAGEL PANGG ARR
CYYZ	H	DEP TO	KMHT	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK ALB KEYNN
CYYZ	H	DEP TO	KMHT	JET	RNAV	KEPTA DEP BMPAH AEVON HANKK PONCT ROZZE ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYZ	H&L	DEP TO	KMHT	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON HANKK ALB KEYNN
CYYZ	H	DEP TO	KMKE	JET	RNAV	GOPUP DEP SLLAP GETCH LYSTR SUDDS
CYYZ	H&L	DEP TO	KMKE	NONJET	RNAV	TULEK DEP SLLAP GETCH LYSTR SUDDS
CYYZ	H	DEP TO	KMSP	JET	RNAV	URSAL DEP KASED IDIOM MUSCL ARR
CYYZ	H&L	DEP TO	KMSP	NONJET	RNAV	NOSIK DEP KASED GRB EAUCLAIRE ARR
CYYZ	H&L	DEP TO	KORD	JET	RNAV	GOPUP DEP HOCKE FNT WYNDE ARR
CYYZ	H&L	DEP TO	KORD	NONJET	RNAV	TULEK DEP HOCKE FNT WYNDE ARR
CYYZ	H	DEP TO	KPHL	JET	RNAV	RIGUS DEP PSB BOJID ARR
CYYZ	H&L	DEP TO	KPHL	NONJET	RNAV	DUSOM DEP PSB BOJID ARR
CYYZ	L	DEP TO	KPHL	NONJET, N0249 & BLW	RNAV	DUSOM DEP PSB HAR V210 BUNTS
CYYZ	H&L	DEP TO	KPHN	JET, MAX F220	RNAV	MIXUT DEP DERLO MARGN
CYYZ	H&L	DEP TO	KPHN	NONJET, MAX F220	RNAV	PEMBA DEP DERLO MARGN
CYYZ	H&L	DEP TO	KPIT	JET	RNAV	BETES DEP ERI YNG JESEY ARR
CYYZ	H&L	DEP TO	KPIT	NONJET	RNAV	OAKVL DEP ERI YNG JESEY ARR
CYYZ	H&L	DEP TO	KPTK	JET, MAX F220	RNAV	MIXUT DEP DERLO PICUP OKLND ARR
CYYZ	H&L	DEP TO	KPTK	NONJET, MAX F220	RNAV	PEMBA DEP DERLO PICUP OKLND ARR
CYYZ	H	DEP TO	KPVD	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL HNK WIPOR ARR
CYYZ	H	DEP TO	KPVD	JET	RNAV	KEPTA DEP BMPAH AEVON FABEN ALB WIPOR ARR
CYYZ	H	DEP TO	KPVD	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 KODEY HNK WIPOR ARR
CYYZ	H	DEP TO	KPVD	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH HANKK FABEN ALB WIPOR ARR
CYYZ	H&L	DEP TO	KPVD	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL HNK WIPOR ARR
CYYZ	H&L	DEP TO	KPVD	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON HANKK FABEN ALB WIPOR ARR
CYYZ	H&L	DEP TO	KRIC	JET	RNAV	BETES DEP AIRRA MOL SPIDR ARR
CYYZ	H&L	DEP TO	KRIC	NONJET	RNAV	OAKVL DEP AIRRA MOL
CYYZ	H	DEP TO	KSDF	JET, F260 & ABV	RNAV	MIXUT DEP GNTRY ROD REDSTONE ARR
CYYZ	H	DEP TO	KSDF	NONJET, F260 & ABV	RNAV	PEMBA DEP GNTRY ROD REDSTONE ARR
CYYZ	H&L	DEP TO	KSDF	JET, F240 & BLW	RNAV	ANCOL DEP GGUCE ROD REDSTONE ARR
CYYZ	H&L	DEP TO	KSDF	NONJET, F240 & BLW	RNAV	PERLO DEP GGUCE ROD REDSTONE ARR
CYYZ	H&L	DEP TO	KSWF	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL DNY V483 FILPS
CYYZ	H&L	DEP TO	KSWF	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH EXTOL DNY V483 FILPS
CYYZ	L	DEP TO	KSWF	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH AEVON EXTOL DNY V483 FILPS
CYYZ	H&L	DEP TO	KSYR	JET	RNAV	KEPTA DEP BMPAH SYR
CYYZ	H&L	DEP TO	KSYR	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH SYR
CYYZ	L	DEP TO	KSYR	NONJET, N0319 & BLW	RNAV	MAVAN DEP BMPAH SYR
CYYZ	H	DEP TO	KTEB	JET	RNAV	KEPTA DEP BMPAH AEVON EXTOL HNK V167 WEARD V489 COATE
CYYZ	H	DEP TO	KTEB	NONJET, N0320 & ABV	RNAV	TEVAD DEP AHPAH Q140 KODEY HNK V167 WEARD V489 COATE
CYYZ	H&L	DEP TO	KTEB	NONJET	RNAV	MAVAN DEP BMPAH AEVON EXTOL HNK V167 WEARD V489 COATE
CYYZ	H&L	DEP TO	KTOL	JET	RNAV	ANCOL DEP GGUCE

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZYZ
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYZ	H&L	DEP TO	KTOL	NONJET	RNAV	PERLO DEP GGUCE
CYYZ	H&L	DEP TO	KYIP	JET, MAX F220	RNAV	MIXUT DEP DERLO PICUP OKLND STAR
CYYZ	H&L	DEP TO	KYIP	NONJET, MAX F220	RNAV	PEMBA DEP DERLO PICUP OKLND STAR
CZBA	L	ARR FR E		A160 & ABV	RNAV	TUKIR T614 ILUSI
CZBA	L	ARR FR E		A140 & BLW	RNAV	ILIXU LINNG
CZBA	L	ARR FR E		A080 & BLW	RNAV	TUKIR T614 BOLMO
CZBA	L	ARR FR N		A060 & BLW	RNAV	AGDUT
CZBA	L	ARR FR N			RNAV	YVV NUBER
CZBA	L	ARR FR N			RNAV	YVV TETOS
CZBA	L	ARR FR S			RNAV	WOZEE COLTS
CZBA	L	ARR FR S			RNAV	TIKUM
CZBA	L	ARR FR W			RNAV	HAVOK T608 BIMRO
CZBA	L	DEP TO E			RNAV	DAVSI T781 TIGET
CZBA	L	DEP TO S			RNAV	OAKVL DEP ERI
CZBA	L	DEP TO S			RNAV	OAKVL DEP FOXEE
CZBA	L	DEP TO S			RNAV	OAKVL DEP AIRRA
CZBA	L	DEP TO SE			RNAV	DUSOM DEP PSB
CZBA	L	DEP TO SE			RNAV	MAVAN DEP BMPAH
CZBA	L	DEP TO SE			RNAV	MAVAN DEP WOZEE
CZBA	H	DEP TO SW		F260 & ABV	RNAV	PEMBA DEP GNTRY
CZBA	H&L	DEP TO SW		F240 & BLW	RNAV	PEMBA DEP GGUCE
CZBA	L	DEP TO SW			RNAV	PEMBA DEP DERLO

OVERFLIGHTS						CZYZ
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
E-BOUND	H	DAVSI		NONJET	RNAV	DAVSI T781 BOMET Q921 TIGET MIGLO
E-BOUND	H&L	DAVSI		NONJET	RNAV	DAVSI T781 BOMET MIVOK
E-BOUND	L	DAVSI		NONJET	RNAV	DAVSI T781 TIGET MIGLO
E-BOUND	H	DAYYY			RNAV	DAYYY Q140 AHPAH
E-BOUND	H	DAYYY			RNAV	DAYYY Q140 SIKBO
E-BOUND	H&L	DAYYY			RNAV	DAYYY BEMOG
E-BOUND	H&L	DAYYY			RNAV	DAYYY ROSVO
E-BOUND	H	DERLO			RNAV	DERLO Q935 WOZEE
E-BOUND	H	DERLO			RNAV	DERLO Q913 RAKAM
E-BOUND	H	DERLO			RNAV	DERLO Q913 DEDKI Q937 TULEG
E-BOUND	H	DERLO			RNAV	DERLO ROSVO
E-BOUND	L	DERLO			RNAV	DERLO SEDOG T723 ROSVO
E-BOUND	H&L	HOCKE				HOCKE ROSVO
E-BOUND	H	OVORA			RNAV	OVORA Q919 BEMOG
E-BOUND	H	SIKBO		JET	RNAV	SIKBO Q905 IPTOS
E-BOUND	H	SIKBO		NONJET	RNAV	DAVSI T781 BOMET Q921 IPTOS
E-BOUND	H	SIKBO		JET	RNAV	SIKBO Q907 LORKA
E-BOUND	H	SIKBO		JET	RNAV	SIKBO Q951 SANIN MIGLO
E-BOUND	H	SIKBO		JET	RNAV	SIKBO Q905 BOMET MIVOK
E-BOUND	H	SIKBO		JET	RNAV	SIKBO Q951 OLABA
E-BOUND	H	SIKBO		NONJET	RNAV	SIKBO DAVSI T781 BOMET Q921 TIGET OLABA
E-BOUND	L	SIKBO		NONJET	RNAV	DAVSI T781 IPTOS
E-BOUND	L	SIKBO		NONJET	RNAV	SIKBO DAVSI T781 TIGET OLABA
E-BOUND	H	SSM			RNAV	SSM YTS

OVERFLIGHTS (Cont'd)						CZYZ
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
E-BOUND	H&L	SSM			RNAV	SSM BEMOG
E-BOUND	H&L	TVC			RNAV	TVC BEMOG
E-BOUND	H&L	WOZEE			RNAV	WOZEE KANIK
E-BOUND	H&L	WOZEE			RNAV	WOZEE MIGLO
E-BOUND	H&L	DERLO	KROC		RNAV	DERLO ROC
E-BOUND	H&L	SIKBO	KROC		RNAV	SIKBO ROC
W-BOUND	H	ALMOP			RNAV	ALMOP ASP
W-BOUND	H	LETAK			RNAV	LETAK Q824 HOCKE
W-BOUND	H	LETAK			RNAV	LETAK Q824 MENKO KASED
W-BOUND	H	LETAK			RNAV	LETAK TVC
W-BOUND	H	LETAK			RNAV	LETAK PEVNI Q806 BOBTA DERLO
W-BOUND	H	LETAK			RNAV	LETAK PEVNI Q806 ILUSI HOCKE
W-BOUND	L	LETAK			RNAV	LETAK T616 REVUD DERLO
W-BOUND	L	LETAK			RNAV	LETAK T616 HOCKE
W-BOUND	L	LETAK			RNAV	LETAK T616 DUGBU KASED
W-BOUND	H&L	OXASA				OXASA SSM
W-BOUND	H	POLTY			RNAV	POLTY Q804 DERLO
W-BOUND	H	ROSVO			RNAV	ROSVO Q802 KENLU Q804 DERLO
W-BOUND	H	ROSVO			RNAV	ROSVO Q802 KENLU
W-BOUND	H&L	ROSVO				ROSVO ASP
W-BOUND	H&L	ROSVO				ROSVO SSM
W-BOUND	H	TUKIR		F240 & ABV	RNAV	TUKIR Q806 BOBTA DERLO
W-BOUND	H	TUKIR		F180 - F220	RNAV	TUKIR Q806 BOBTA OLAMO DERLO
W-BOUND	L	TUKIR		A160	RNAV	TUKIR T614 ILUSI BOBTA OLAMO DERLO
W-BOUND	L	TUKIR		A140 & BLW	RNAV	TUKIR T614 PEVNI KENLU T616 REVUD DERLO
W-BOUND	H	WOZEE			RNAV	WOZEE YRL
W-BOUND	H&L	YEE				YEE DERLO
W-BOUND	L	ILUSI	CYQG	A160- F220	RNAV	ILUSI YYZ LETOR PICUP GIGGY ARR
W-BOUND	H&L	DERLO	KCLE		RNAV	DERLO DOZRR BRWNZ ARR
W-BOUND	H&L	KENLU	KCLE		RNAV	KENLU GGUCE DOZRR BRWNZ ARR
W-BOUND	H	TUKIR	KCLE		RNAV	TUKIR Q806 GGUCE DOZRR BRWNZ ARR
W-BOUND	H&L	COLTS	KDET		RNAV	COLTS GIGGY ARR
W-BOUND	H	DERLO	KDET		RNAV	DERLO PICUP GIGGY ARR
W-BOUND	L	ILUSI	KDET	A160- F220	RNAV	ILUSI YYZ LETOR PICUP GIGGY ARR
W-BOUND	H	ALONI	KDTW		RNAV	ALONI ILUSI BOBTA TPGUN ARR
W-BOUND	H	ALONI	KDTW		RNAV	ALONI ILUSI BOBTA CUUGR ARR
W-BOUND	H	ART	KDTW		RNAV	ART ILUSI Q806 BOBTA TPGUN ARR
W-BOUND	H	ART	KDTW		RNAV	ART ILUSI Q806 BOBTA CUUGR ARR
W-BOUND	H&L	KAPUX	KDTW		RNAV	KAPUX GGUCE TPGUN ARR
W-BOUND	H&L	KAPUX	KDTW		RNAV	KAPUX GGUCE CUUGR ARR
W-BOUND	H&L	ROSVO	KDTW		RNAV	ROSVO BOBTA TPGUN ARR
W-BOUND	H&L	ROSVO	KDTW		RNAV	ROSVO BOBTA CUUGR ARR
W-BOUND	H	TUKIR	KDTW		RNAV	TUKIR Q806 BOBTA TPGUN ARR
W-BOUND	H	TUKIR	KDTW		RNAV	TUKIR Q806 BOBTA CUUGR ARR
W-BOUND	H	DERLO	KMDW		RNAV	DERLO MAYZE BAGEL PANGG ARR
W-BOUND	H	ALMOP	KORD		RNAV	ALMOP ODAXY WYNDE ARR
W-BOUND	H	ALONI	KORD		RNAV	ALONI SANIN DEDKI HOCKE FNT WYNDE ARR
W-BOUND	H	ART	KORD		RNAV	ART DEDKI HOCKE FNT WYNDE ARR
W-BOUND	H	KAPUX	KORD		RNAV	KAPUX HOCKE FNT WYNDE ARR

OVERFLIGHTS (Cont'd)						CZYZ
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
W-BOUND	H	MENKO	KORD		RNAV	MENKO Q824 FNT WYNDE ARR
W-BOUND	H	SSM	KORD		RNAV	SSM WYNDE ARR
W-BOUND	H&L	LEPOS	KPHN		RNAV	LEPOS MARGN
W-BOUND	H&L	COLTS	KPTK		RNAV	COLTS OKLND ARR
W-BOUND	H	DERLO	KPTK		RNAV	DERLO PICUP OKLND ARR
W-BOUND	H&L	COLTS	KYIP		RNAV	COLTS OKLND ARR
W-BOUND	H	DERLO	KYIP		RNAV	DERLO PICUP OKLND ARR
W-BOUND	L	ILUSI	KYIP	A160 - F220	RNAV	ILUSI YYZ LETOR PICUP OKLND ARR

CZUL MONTREAL FIR

Pilots shall first verify if their point of departure has a mandatory departure routing. If no route is published, file direct to the first enroute point. If the route is to include a significant portion of enroute cruise through Montreal FIR, verify if an overflight route is published.

Pilots arriving at an airport within Montreal FIR shall verify if that airport has a mandatory route for arrival. If none exists, file direct.

If the route of flight extends outside of Montreal FIR, refer to the adjacent FIR mandatory route section for instructions. If none exists, connect the routes published herein to the external route at the most logical point.

Pilots departing from an airport within the Montreal Terminal airspace and filing a below listed routing over BOBKI MELTI must maintain an IAS of 240kts or greater until 16000 feet. If unable they must advise ATC.

Routings through the Bagotville (CYBG) Military Restricted areas CYR628, CYR629, CYR630, CYR664, CYR665 and CYR666 are to be avoided when areas are in operation.

Except for polar flights, westbound overflights transiting from Edmonton FIR to Montreal FIR north of 63N shall file over or west of AYROU.

Note for non-RNAV equipped aircraft:
The airspace route structure is based on unidirectional flows. In order to facilitate the flight, non-RNAV route planning shall be done by choosing NAVAID defined airways closest to the listed mandatory RNAV routes.
Where NAVAID based airways are not available, NAVAID direct NAVAID navigation can be used.

FROM LOCATION TO LOCATION OR DIRECTION						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYBC	H	ARR FR W			RNAV	KESLU Q910 YBC
CYBC	L	ARR FR W			RNAV	KESLU T603 YBC
CYBC	H&L	DEP TO W		A120 & ABV	RNAV	MIVAX
CYBC	L	DEP TO W		A100 & BLW	RNAV	YBC V316 MIVAX
CYBC	H	ARR FR	CYZV		RNAV	TABRU Q910 YBC
CYBC	L	ARR FR	CYZV		RNAV	TABRU T603 YBC
CYBG	H&L	DEP TO	CYQB		RNAV	IGSAS TADES KAROT ARR
CYBG	H&L	DEP TO	CYUL		RNAV	IGSAS OBTEK DEBUS OMBRE ARR
CYEY	H&L	DEP TO SE				YVO
CYFJ	H	ARR FR S			RNAV	DUNUP Q903 NOSUT
CYFJ	L	ARR FR S			RNAV	DUNUP T705 NOSUT
CYFJ	H&L	ARR FR W		A150 & ABV	RNAV	ROSVO BEMOG
CYFJ	H&L	ARR FR W		A150 & ABV	RNAV	IPTOS EBNYR
CYFJ	L	ARR FR W		A130 & BLW	RNAV	MIVOK LANRK TAKOL
CYGK	H&L	DEP TO	CYMO	FL200 & BLW	RNAV	OTONA SMARE
CYGK	H&L	DEP TO	CYOW		RNAV	PERTH CAPITAL ARR
CYGL	H&L	DEP TO	CYUL		RNAV	OBRET
CYGP	H&L	ARR FR W			RNAV	FLEUR VODIX OMPOG YGP
CYGP	H	DEP TO W			RNAV	MIVAX

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYGW	H	DEP TO	CYUL		RNAV	OBRET
CYHH	H	DEP TO	CYUL		RNAV	OBRET LAFLEUR ARR
CYHU	H	ARR FR E			RNAV	ODBOS ILERO VIKBU SILVI T662 MAIRE
CYHU	L	ARR FR E			RNAV	ODBOS T662 MAIRE
CYHU	H	ARR FR N			RNAV	OBRET Q816 VIDGO Q911 PIGNA
CYHU	H	ARR FR N			RNAV	OBRET Q816 VIDGO T709 PIGNA
CYHU	L	ARR FR N			RNAV	OBRET T624 VIDGO T709 PIGNA
CYHU	H	ARR FR NE			RNAV	MIVAX Q812 MAIRE
CYHU	L	ARR FR NE			RNAV	MIVAX T677 MAIRE
CYHU	H	ARR FR NW			RNAV	BEMOG Q919 VIDGO Q911 PIGNA
CYHU	H	ARR FR NW			RNAV	TAGET Q911 PIGNA
CYHU	H	ARR FR NW			RNAV	BEMOG Q919 VIDGO T709 PIGNA
CYHU	L	ARR FR NW			RNAV	BEMOG T717 VIDGO T709 PIGNA
CYHU	L	ARR FR NW			RNAV	TAGET T709 PIGNA
CYHU	H&L	ARR FR S			RNAV	PBERG LATTS EBDOT DUNUP
CYHU	H&L	ARR FR SW			RNAV	ART CURDS DAVDA SSENA TALNO NAPEE
CYHU	H	ARR FR W			RNAV	MIGLO Q955 EPMOK TALNO NAPEE
CYHU	L	ARR FR W			RNAV	MIGLO T725 EPMOK TALNO NAPEE
CYHU	H	DEP TO E		JET	RNAV	KEBGO RABIK Q951 ANTOV
CYHU	H	DEP TO E		NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYHU	H	DEP TO E		NONJET	RNAV	VOBOK PUXER Q947 REVEN
CYHU	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB ANCER
CYHU	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB BAREE
CYHU	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB CEFOU
CYHU	H	DEP TO E		JET, FL270 & BLW	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYHU	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR
CYHU	H&L	DEP TO E		NONJET, FL270 & BLW, TRACK NORTH OF VODIX	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR
CYHU	H&L	DEP TO E		NONJET, FL270 & BLW, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR VODIX
CYHU	L	DEP TO E		JET	RNAV	KEBGO RABIK T739 ANTOV
CYHU	L	DEP TO E		NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYHU	L	DEP TO E		NONJET	RNAV	VOBOK PUXER T737 REVEN
CYHU	H	DEP TO N			RNAV	TAMKO Q903 IKNAR
CYHU	L	DEP TO N			RNAV	TAMKO T705 IKNAR
CYHU	H	DEP TO NE		JET	RNAV	TAMKO IGSAS
CYHU	H&L	DEP TO NE		NONJET	RNAV	SINRO LOKBU NOVID BERUT IGSAS
CYHU	H&L	DEP TO NE			RNAV	TAMKO ULDON
CYHU	H	DEP TO NW		NONJET	RNAV	KESKA BIPKO Q997 SASID
CYHU	H&L	DEP TO NW		JET	RNAV	KESKA BIPKO IPSAK OMEGI RADEN
CYHU	L	DEP TO NW		NONJET	RNAV	KESKA BIPKO T649 SASID
CYHU	H&L	DEP TO S			RNAV	FAWNS BUGSY
CYHU	H&L	DEP TO SE			RNAV	VIRKA
CYHU	H&L	DEP TO SW			RNAV	FAWNS BUGSY SYR
CYHU	H	DEP TO W			RNAV	KESKA SAVEX Q806 TUKIR
CYHU	H&L	DEP TO W			RNAV	KESKA SAVEX KANUR LETAK

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYHU	L	DEP TO W			RNAV	KESKA SAVEX T614 TUKIR
CYHU	H	ARR FR	CYBC		RNAV	MIVAX Q812 MAIRE
CYHU	L	ARR FR	CYBC		RNAV	MIVAX T677 MAIRE
CYHU	H	DEP TO	CYBC	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 YBC
CYHU	H	DEP TO	CYBC	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 YBC
CYHU	L	DEP TO	CYBC	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 YBC
CYHU	H	DEP TO	CYBG	JET	RNAV	TAMKO IGSAS
CYHU	H&L	DEP TO	CYBG	NON JET	RNAV	SINRO LOKBU NOVID BERUT IGSAS
CYHU	H	DEP TO	CYFJ		RNAV	KESKA BIPKO Q997 BOKLU
CYHU	L	DEP TO	CYFJ		RNAV	KESKA BIPKO T649 BOKLU
CYHU	H&L	DEP TO	CYGK	A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA
CYHU	L	DEP TO	CYGK	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA URMUM
CYHU	H	DEP TO	CYHM		RNAV	KESKA SAVEX Q806 ILUSI ERBAL YYZ UDMIK ARR
CYHU	L	DEP TO	CYHM	A140 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU LINNG
CYHU	L	DEP TO	CYHM	A160	RNAV	KESKA SAVEX T614 ILUSI ERBAL YYZ UDMIK ARR
CYHU	H	ARR FR	CYML		RNAV	MIVAX Q812 MAIRE
CYHU	L	ARR FR	CYML		RNAV	MIVAX T677 MAIRE
CYHU	H	DEP TO	CYML	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYHU	H	DEP TO	CYML	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYHU	L	DEP TO	CYML	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYHU	L	ARR FR	CYND		RNAV	TAKOL T731 EMPEK T709 PIGNA
CYHU	H&L	DEP TO	CYND		RNAV	KESKA ALSET THURO
CYHU	H&L	ARR FR	CYOW		RNAV	KODEX EPMOK TALNO NAPEE
CYHU	H&L	DEP TO	CYOW		RNAV	KESKA ALSET RIVER ARR
CYHU	H	ARR FR	CYQB		RNAV	IGTER Q812 MAIRE
CYHU	L	ARR FR	CYQB		RNAV	IGTER T677 MAIRE
CYHU	H&L	DEP TO	CYQB		RNAV	ADVEM OMVAR ARR
CYHU	H&L	ARR FR	CYRJ		RNAV	LOKBU
CYHU	L	DEP TO	CYSN	DH8D TYPE OR FASTER, A140 & ABV	RNAV	BOBKI MELTI KEMVI LORKA ILIXU
CYHU	L	DEP TO	CYSN	NON JET, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA
CYHU	L	DEP TO	CYSN	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU
CYHU	H&L	DEP TO	CYTR	A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA YTR
CYHU	L	DEP TO	CYTR	A120 & BLW	RNAV	TALNO SSENA ALONI YTR
CYHU	H&L	DEP TO	CYTZ	DH8D TYPE OR FASTER	RNAV	BOBKI MELTI KEMVI ILIXU ARR
CYHU	H&L	DEP TO	CYTZ	SLOWER THAN DH8D TYPE, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI ILIXU ARR
CYHU	L	DEP TO	CYTZ	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU
CYHU	L	DEP TO	CYTZ	SINGLE ENGINE A120 & BLW	RNAV	TALNO SSENA ALONI TESUK
CYHU	H	ARR FR	CYUY		RNAV	YUY B7 REZIN Q997 EPRES BEMOG Q919 VIDGO Q911 PIGNA
CYHU	L	ARR FR	CYUY		RNAV	YUY B7 REZIN T649 EPRES T717 VIDGO T709 PIGNA

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYHU	H	ARR FR	CYVO		RNAV	YVO J567 TAGET Q911 PIGNA
CYHU	H	ARR FR	CYVO		RNAV	TAGET Q911 PIGNA
CYHU	L	ARR FR	CYVO		RNAV	TAGET T709 PIGNA
CYHU	H	DEP TO	CYXU		RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR
CYHU	L	DEP TO	CYXU	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR
CYHU	L	DEP TO	CYXU	A140 & BLW	RNAV	KESKA SAVEX KANUR LETAK T616 REVUD
CYHU	H	ARR FR	CYYY		RNAV	MIVAX Q812 MAIRE
CYHU	L	ARR FR	CYYY		RNAV	MIVAX T677 MAIRE
CYHU	H	DEP TO	CYYY	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR
CYHU	H&L	DEP TO	CYYY	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR
CYHU	L	DEP TO	CYYY	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB FLEUR
CYHU	H&L	DEP TO	CYYZ	NONJET	RNAV	KESKA SAVEX KANUR TUKIR
CYHU	H&L	DEP TO	CYYZ	JET	RNAV	BOBKI MELTI TORNI RAGID ARR
CYHU	H	ARR FR	CYZV		RNAV	MIVAX Q812 MAIRE
CYHU	L	ARR FR	CYZV		RNAV	MIVAX T677 MAIRE
CYHU	H	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 TABRU
CYHU	H	DEP TO	CYZV	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 TABRU
CYHU	L	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYHU	H&L	DEP TO	KALB		RNAV	FAWNS BUGSY ALB
CYHU	H&L	DEP TO	KBDL		RNAV	VIRKA BRATS
CYHU	H&L	DEP TO	KBOS		RNAV	VIRKA ENE OOSHN ARR
CYHU	H&L	DEP TO	KBTV		RNAV	VIRKA
CYHU	H&L	DEP TO	KBUF		RNAV	FAWNS BUGSY SYR ROC V510 EHMAN
CYHU	H	DEP TO	KCLE		RNAV	KESKA SAVEX Q806 GGUCE DOZRR BRWNZ ARR
CYHU	H&L	DEP TO	KCLE		RNAV	FAWNS BUGSY SYR JOSSY HAGAR CXR CXR ARR
CYHU	H&L	DEP TO	KCVG		RNAV	FAWNS BUGSY SYR JOSSY MAULL KODIE CTW TIGRR ARR
CYHU	H	DEP TO	KDET		RNAV	FAWNS BUGSY SYR COLTS GIGGY ARR
CYHU	H	DEP TO	KDET	FL240 & ABV	RNAV	KESKA SAVEX Q806 BOBTA DERLO PICUP GIGGY ARR
CYHU	H	DEP TO	KDET	FL180 TO FL220	RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR PICUP GIGGY ARR
CYHU	L	DEP TO	KDET	A140 & BLW	RNAV	KESKA SAVEX T614 PEVNI KENLU T616 REVUD DERLO PICUP GIGGY ARR
CYHU	L	DEP TO	KDET	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR PICUP GIGGY ARR
CYHU	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA TPGUN ARR
CYHU	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA CUUGR ARR
CYHU	H	DEP TO	KDTW		RNAV	FAWNS BUGSY GONZZ DONEO TPGUN ARR
CYHU	H	DEP TO	KDTW		RNAV	FAWNS BUGSY GONZZ DONEO CUUGR ARR
CYHU	H&L	DEP TO	KEWR		RNAV	FAWNS BUGSY HANAA FLOSI ARR
CYHU	H&L	DEP TO	KHPN		RNAV	FAWNS BUGSY NIPPY ALB V157 HAARP
CYHU	H&L	DEP TO	KJFK		RNAV	FAWNS BUGSY NIPPY ALB IGN ARR
CYHU	H&L	DEP TO	KLGA		RNAV	FAWNS BUGSY NIPPY ALB HAARP ARR
CYHU	H	DEP TO	KORD		RNAV	KESKA SAVEX KANUR LETAK Q824 FNT WYNDE ARR
CYHU	H&L	DEP TO	KPHL		RNAV	FAWNS BUGSY NIPPY ALB DNY SPUDS ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYHU	H&L	DEP TO	KTEB		RNAV	FAWNS BUGSY HANAA ALB V489 COATE
CYML	H&L	DEP TO W			RNAV	MIVAX
CYMX	H	ARR FR E			RNAV	OBTEK PENTU Q824 URVAS DAXES VIBNU
CYMX	H&L	ARR FR E			RNAV	VIVIL ROGSA URVAS DAXES VIBNU
CYMX	H	ARR FR N			RNAV	OBRET Q816 VIDGO Q911 PIGNA
CYMX	H	ARR FR N			RNAV	OBRET Q816 VIDGO T709 PIGNA
CYMX	L	ARR FR N			RNAV	OBRET T624 VIDGO T709 PIGNA
CYMX	L	ARR FR NE			RNAV	OBTEK PENTU T616 URVAS DAXES VIBNU
CYMX	H	ARR FR NW			RNAV	BEMOG Q919 VIDGO Q911 PIGNA
CYMX	H	ARR FR NW			RNAV	BEMOG Q919 VIDGO T709 PIGNA
CYMX	L	ARR FR NW			RNAV	BEMOG T717 VIDGO T709 PIGNA
CYMX	L	ARR FR NW			RNAV	TAGET T709 PIGNA
CYMX	H&L	ARR FR S			RNAV	PBERG LATTS EBDOT DUNUP
CYMX	H	ARR FR SW			RNAV	ART CURDS DAVDA EPMOK Q955 MITIG
CYMX	L	ARR FR SW			RNAV	ART CURDS DAVDA EPMOK T725 MITIG
CYMX	H	ARR FR W			RNAV	MIGLO Q955 MITIG
CYMX	L	ARR FR W			RNAV	MIGLO T725 MITIG
CYMX	H	DEP TO E		NONJET, FL270 & BLW	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYMX	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB ANCER
CYMX	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB BAREE
CYMX	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB CEFOU
CYMX	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYMX	H&L	DEP TO E		NONJET, FL270 & BLW, TRACK NORTH OF VODIX	RNAV	SINRO LOKBU SOKYE KETRU PESAC YQB FLEUR
CYMX	H&L	DEP TO E		NONJET	RNAV	SINRO LOKBU NOVID BERUT IGSAS
CYMX	H&L	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR
CYMX	H&L	DEP TO E		NONJET, FL270 & BLW, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	SINRO LOKBU SOKYE KETRU PESAC YQB FLEUR VODIX
CYMX	L	DEP TO E		NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYMX	H	DEP TO N			RNAV	TAMKO Q903 IKNAR
CYMX	L	DEP TO N			RNAV	TAMKO T705 IKNAR
CYMX	H	DEP TO NE		JET	RNAV	TAMKO IGSAS
CYMX	H&L	DEP TO NE			RNAV	TAMKO ULDON
CYMX	H	DEP TO NW		NONJET	RNAV	KESKA BIPKO Q997 SASID
CYMX	H&L	DEP TO NW		JET	RNAV	KESKA BIPKO IPSAK OMEGI RADEN
CYMX	L	DEP TO NW		NONJET	RNAV	KESKA BIPKO T649 SASID
CYMX	H&L	DEP TO S			RNAV	FAWNS BUGSY
CYMX	H&L	DEP TO SE			RNAV	VIRKA
CYMX	H&L	DEP TO SW			RNAV	FAWNS BUGSY SYR
CYMX	H	DEP TO W			RNAV	KESKA SAVEX Q806 TUKIR
CYMX	L	DEP TO W			RNAV	KESKA SAVEX KANUR LETAK
CYMX	L	DEP TO W			RNAV	KESKA SAVEX T614 TUKIR
CYMX	H	DEP TO	CYHM		RNAV	KESKA SAVEX Q806 ILUSI ERBAL YYZ UDMIK ARR
CYMX	L	DEP TO	CYHM	A140 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU LINNG
CYMX	L	DEP TO	CYHM	A160	RNAV	KESKA SAVEX T614 ILUSI ERBAL YYZ UDMIK ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYMX	H	ARR FR	CYOW		RNAV	TAKOL Q941 EMPEK Q911 PIGNA
CYMX	L	ARR FR	CYOW		RNAV	TAKOL T731 EMPEK T709 PIGNA
CYMX	H&L	DEP TO	CYOW		RNAV	KESKA ALSET RIVER ARR
CYMX	H	ARR FR	CYQB		RNAV	PENTU Q824 URVAS DAXES VIBNU
CYMX	L	ARR FR	CYQB		RNAV	PENTU T616 URVAS DAXES VIBNU
CYMX	H&L	DEP TO	CYQB	NONJET	RNAV	SINRO PESAC ARR
CYMX	H&L	DEP TO	CYQB	JET	RNAV	ANTEG OBRON MOBUB PESAC PESAC ARR
CYMX	H&L	DEP TO	CYSN	NON JET, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA
CYMX	L	DEP TO	CYSN	DH8D TYPE OR FASTER, A140 & BLW	RNAV	BOBKI MELTI KEMVI LORKA ILIXU
CYMX	L	DEP TO	CYSN	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU
CYMX	H&L	DEP TO	CYTZ	DH8D TYPE OR FASTER	RNAV	BOBKI MELTI KEMVI ILIXU ARR
CYMX	H&L	DEP TO	CYTZ	SLOWER THAN DH8D TYPE, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI ILIXU ARR
CYMX	H	ARR FR	CYUY		RNAV	YUY B7 REZIN Q997 EPRES BEMOG Q919 VIDGO Q911 PIGNA
CYMX	L	ARR FR	CYUY		RNAV	YUY B7 REZIN T649 EPRES T717 VIDGO T709 PIGNA
CYMX	H	ARR FR	CYVO		RNAV	TAGET Q911 PIGNA
CYMX	L	ARR FR	CYVO		RNAV	TAGET T709 PIGNA
CYMX	H	DEP TO	CYXU		RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR
CYMX	L	DEP TO	CYXU	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR
CYMX	L	DEP TO	CYXU	A140 & BLW	RNAV	KESKA SAVEX KANUR LETAK T616 REVUD
CYMX	H&L	DEP TO	CYYZ	JET	RNAV	BOBKI MELTI TORNI RAGID ARR
CYMX	L	DEP TO	CYYZ	NONJET	RNAV	KESKA SAVEX T614 TUKIR
CYMX	H	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 TABRU
CYMX	H	DEP TO	CYZV	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 TABRU
CYMX	L	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYMX	H&L	DEP TO	KBDL		RNAV	VIRKA BRATS
CYMX	H&L	DEP TO	KBOS		RNAV	VIRKA ENE OOSHN ARR
CYMX	H&L	DEP TO	KBTV		RNAV	VIRKA
CYMX	H&L	DEP TO	KBUF		RNAV	FAWNS BUGSY SYR ROC EHMAN
CYMX	H	DEP TO	KCLE		RNAV	KESKA SAVEX Q806 GGUCE DOZRR BRWNZ ARR
CYMX	H&L	DEP TO	KCLE		RNAV	FAWNS BUGSY SYR JOSSY HAGAR CXR CXR ARR
CYMX	H&L	DEP TO	KCVG		RNAV	FAWNS BUGSY SYR JOSSY MAULL KODIE CTW TIGRR ARR
CYMX	H	DEP TO	KDET		RNAV	FAWNS BUGSY SYR COLTS GIGGY ARR
CYMX	H	DEP TO	KDET	FL240 & ABV	RNAV	KESKA SAVEX Q806 BOBTA DERLO PICUP GIGGY ARR
CYMX	H	DEP TO	KDET	FL180 TO FL220	RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR PICUP GIGGY ARR
CYMX	L	DEP TO	KDET	A140 & BLW	RNAV	KESKA SAVEX T614 PEVNI KENLU T616 REVUD DERLO PICUP GIGGY ARR
CYMX	L	DEP TO	KDET	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR PICUP GIGGY ARR
CYMX	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA TPGUN ARR
CYMX	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA CUUGR ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYMX	H&L	DEP TO	KEWR		RNAV	FAWNS BUGSY HANAA FLOSI ARR
CYMX	H&L	DEP TO	KHPN		RNAV	FAWNS BUGSY NIPPY ALB V157 HAARP
CYMX	H&L	DEP TO	KJFK		RNAV	FAWNS BUGSY NIPPY ALB IGN ARR
CYMX	H&L	DEP TO	KLGA		RNAV	FAWNS BUGSY NIPPY ALB HAARP ARR
CYMX	H	DEP TO	KORD		RNAV	KESKA SAVEX KANUR LETAK Q824 FNT WYNDE ARR
CYMX	H&L	DEP TO	KPHL		RNAV	FAWNS BUGSY NIPPY ALB DNY SPUDS ARR
CYMX	H&L	DEP TO	KTEB		RNAV	FAWNS BUGSY HANAA ALB V489 COATE
CYND	L	ARR FR E			RNAV	YUL ALSET THURO
CYND	H	ARR FR NE		JET	RNAV	MIVAX PENTU CATOG OBTAX YUL ALSET THURO
CYND	H&L	ARR FR NE		NON JET	RNAV	KESLU BERUT NOSUT ALIDO
CYND	H	ARR FR NW			RNAV	SMARE ONDOB
CYND	L	ARR FR NW			RNAV	ROSVO ONDOB
CYND	L	ARR FR SE			RNAV	BUGSY SSENA TAPVO CYRIL
CYND	L	ARR FR W			RNAV	MIVOK KANIK LANRK VISOL
CYND	H	DEP TO E		JET	RNAV	AVVON Q947 LAFIT RABIK Q951 ANTOV
CYND	H	DEP TO E		NONJET	RNAV	AVVON Q947 REVEN
CYND	L	DEP TO E			RNAV	TAKOL T731 ESTEL
CYND	L	DEP TO E		JET	RNAV	AVVON T737 LAFIT RABIK T739 ANTOV
CYND	L	DEP TO E		NONJET	RNAV	AVVON T737 REVEN
CYND	L	DEP TO N			RNAV	RADEN
CYND	H&L	DEP TO NW			RNAV	SELES OLIGO ROSVO OTONA
CYND	L	DEP TO S			RNAV	IKLAX T634 VIBRU ART
CYND	L	DEP TO SE			RNAV	KODEX EPMOK SSENA BUGSY
CYND	L	DEP TO	CYHU		RNAV	TAKOL T731 EMPEK T709 PIGNA
CYND	L	DEP TO	CYMX		RNAV	TAKOL T731 EMPEK T709 PIGNA
CYND	H	DEP TO	CYQB		RNAV	TAKOL Q941 AGLUK PESAC ARR
CYND	L	DEP TO	CYQB		RNAV	TAKOL T731 AGLUK PESAC ARR
CYND	H&L	DEP TO	CYUL		RNAV	AVVON ALOET ARR
CYND	H&L	DEP TO	CYYZ	JET	RNAV	TUKIR IMEBA ARR
CYND	H&L	DEP TO	CYYZ	NONJET	RNAV	TUKIR VIBLI ARR
CYOW	H	ARR FR E			RNAV	DERDO Q806 PUPOV VILRO RIVER ARR
CYOW	L	ARR FR E			RNAV	DERDO T614 PUPOV VILRO RIVER ARR
CYOW	H&L	ARR FR N			RNAV	BEMOG LEAMY ARR
CYOW	H	ARR FR NE		JET	RNAV	MIVAX PENTU CATOG RIVER ARR
CYOW	H&L	ARR FR NE		NON JET	RNAV	KESLU BERUT NOSUT ALIDO LEAMY ARR
CYOW	H	ARR FR NW			RNAV	SMARE MEECH ARR
CYOW	L	ARR FR NW			RNAV	ROSVO ONDOB MEECH ARR
CYOW	H&L	ARR FR SE			RNAV	BUGSY DEANS ARR
CYOW	H&L	ARR FR SE			RNAV	BUGSY SSENA TAPVO DEANS ARR
CYOW	H&L	ARR FR W		NONJET	RNAV	MIVOK CAPITAL ARR
CYOW	H&L	ARR FR W		JET	RNAV	ELSUB CAPITAL ARR
CYOW	H	DEP TO E		FL290 & ABV	RNAV	TAKOL Q941 ESTEL BAREE
CYOW	H	DEP TO E		FL290 & ABV	RNAV	TAKOL Q941 ESTEL CEFOU
CYOW	H	DEP TO E		FL290 & ABV	RNAV	TAKOL Q941 ESTEL MIILS
CYOW	H	DEP TO E		FL290 & ABV	RNAV	TAKOL Q941 ESTEL ANCER
CYOW	H	DEP TO E		JET	RNAV	AVVON Q947 LAFIT RABIK Q951 ANTOV
CYOW	H	DEP TO E		NONJET	RNAV	AVVON Q947 REVEN
CYOW	L	DEP TO E		JET	RNAV	AVVON T737 LAFIT RABIK T739 ANTOV
CYOW	L	DEP TO E		NONJET	RNAV	AVVON T737 REVEN

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYOW	H&L	DEP TO N			RNAV	RADEN
CYOW	H&L	DEP TO NW			RNAV	SELES OLIGO ROSVO OTONA
CYOW	H	DEP TO S			RNAV	IKLAX Q844 SYR
CYOW	L	DEP TO S			RNAV	IKLAX T634 VIBRU ART
CYOW	H&L	DEP TO SE			RNAV	KODEX EPMOK SSENA BUGSY
CYOW	H	DEP TO	CYGK		RNAV	LORKA URMUM
CYOW	H	DEP TO	CYHM		RNAV	TUKIR Q806 ILUSI ERBAL YYZ UDMIK ARR
CYOW	L	DEP TO	CYHM	A140 & BLW	RNAV	LORKA ILIXU LINNG
CYOW	L	DEP TO	CYHM	A160	RNAV	TUKIR T614 ILUSI ERBAL YYZ UDMIK ARR
CYOW	H&L	ARR FR	CYHU		RNAV	ALSET RIVER ARR
CYOW	H&L	DEP TO	CYHU		RNAV	KODEX EPMOK TALNO NAPEE
CYOW	H&L	ARR FR	CYMX		RNAV	ALSET RIVER ARR
CYOW	L	DEP TO	CYMX		RNAV	TAKOL T731 EMPEK T709 PIGNA
CYOW	H	DEP TO	CYQA		RNAV	LETAK Q824 DESKI
CYOW	L	DEP TO	CYQA		RNAV	LETAK T616 DESKI
CYOW	H	ARR FR	CYQB		RNAV	YQB UDBAM DICEN Q878 ALIDO LEAMY ARR
CYOW	L	ARR FR	CYQB		RNAV	YQB UDBAM DICEN T660 ALIDO LEAMY ARR
CYOW	H	DEP TO	CYQB		RNAV	TAKOL Q941 AGLUK PESAC ARR
CYOW	L	DEP TO	CYQB		RNAV	TAKOL T731 AGLUK PESAC ARR
CYOW	H	DEP TO	CYSN	JET	RNAV	TUKIR Q806 PEVNI
CYOW	H	DEP TO	CYSN	NONJET	RNAV	LORKA ILIXU
CYOW	H&L	ARR FR	CYTR		RNAV	ELSUB CAPITAL ARR
CYOW	H&L	DEP TO	CYTR		RNAV	LORKA YTR
CYOW	H&L	DEP TO	CYTZ	FL220 & BLW	RNAV	APLOV LORKA ILIXU ARR
CYOW	H&L	DEP TO	CYTZ	SINGLE ENGINE	RNAV	APLOV LORKA TESUK
CYOW	H&L	ARR FR	CYUL		RNAV	ALSET RIVER ARR
CYOW	H&L	DEP TO	CYUL		RNAV	AVVON ALOET ARR
CYOW	H	DEP TO	CYXU		RNAV	TUKIR Q806 ILUSI YYZ LETOR
CYOW	L	DEP TO	CYXU	A160	RNAV	TUKIR T614 ILUSI YYZ LETOR
CYOW	L	DEP TO	CYXU	A140 & BLW	RNAV	LETAK T616 REVUD
CYOW	H&L	DEP TO	CYYZ	JET	RNAV	TUKIR IMEBA ARR
CYOW	H&L	DEP TO	CYYZ	NONJET	RNAV	TUKIR VIBLI ARR
CYOW	H&L	DEP TO	KBOS		RNAV	KODEX EPMOK SSENA BUGSY OOSHN ARR
CYOW	H	DEP TO	KCLE	FL180 TO FL220	RNAV	TUKIR Q806 BOBTA OLAMO DERLO DOZRR BRWNZ ARR
CYOW	H	DEP TO	KCLE	FL240 & ABV	RNAV	TUKIR Q806 BOBTA DERLO DOZRR BRWNZ ARR
CYOW	L	DEP TO	KCLE	A140 & BLW	RNAV	TUKIR T614 PEVNI KENLU T616 REVUD DERLO DOZRR BRWNZ ARR
CYOW	L	DEP TO	KCLE	A160	RNAV	TUKIR T614 ILUSI BOBTA OLAMO DERLO DOZRR BRWNZ ARR
CYOW	H	DEP TO	KDET	FL180 TO FL220	RNAV	TUKIR Q806 ILUSI YYZ LETOR PICUP GIGGY ARR
CYOW	H	DEP TO	KDET	FL240 & ABV	RNAV	TUKIR Q806 BOBTA DERLO PICUP GIGGY ARR
CYOW	L	DEP TO	KDET	A140 & BLW	RNAV	TUKIR T614 PEVNI KENLU T616 REVUD DERLO PICUP GIGGY ARR
CYOW	L	DEP TO	KDET	A160	RNAV	TUKIR T614 ILUSI YYZ LETOR PICUP GIGGY ARR
CYOW	H	DEP TO	KDTW		RNAV	TUKIR Q806 BOBTA TPGUN ARR
CYOW	H	DEP TO	KDTW		RNAV	TUKIR Q806 BOBTA CUUGR ARR
CYOW	H	DEP TO	KEWR		RNAV	IKLAX Q844 SYR HNK FLOSI ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYOW	H&L	DEP TO	KEWR		RNAV	KODEX EPMOK SSENA BUGSY HANAA ALB V213 SAX
CYOW	L	DEP TO	KEWR		RNAV	IKLAX T634 VIBRU ART SYR HNK V167 HELON V213 SAX
CYOW	H	DEP TO	KORD		RNAV	LETAK Q824 FNT WYNDE ARR
CYOW	H	DEP TO	KPHL		RNAV	IKLAX Q844 SYR CFB SLATT ARR
CYQB	H&L	ARR FR E			RNAV	MIVAX SIMTO SIMTO ARR
CYQB	H&L	ARR FR N			RNAV	IGSAS TADES KAROT ARR
CYQB	H&L	ARR FR NW			RNAV	OLAVO OLAVO ARR
CYQB	H&L	ARR FR S			RNAV	GUBID OMVAR ARR
CYQB	H	ARR FR W			RNAV	IPTOS Q921 AGLUK PESAC ARR
CYQB	L	ARR FR W			RNAV	IPTOS T781 AGLUK PESAC ARR
CYQB	H&L	DEP TO E		NONJET, TRACK NORTH OF VODIX	RNAV	FLEUR
CYQB	H&L	DEP TO E		NONJET, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	FLEUR VODIX
CYQB	H&L	DEP TO N			RNAV	OTPUT IGSAS
CYQB	H	DEP TO NE			RNAV	YQB J555 GADAL Q910 KESLU
CYQB	L	DEP TO NE			RNAV	YQB V360 GADAL T603 KESLU
CYQB	H&L	DEP TO NW			RNAV	YQB UDBAM DICEN BERUT
CYQB	H	DEP TO S		JET	RNAV	PENTU Q824 URVAS
CYQB	H&L	DEP TO S		NONJET	RNAV	ROGSA MOBAL
CYQB	H&L	DEP TO SE			RNAV	PINTE
CYQB	H	DEP TO	CYBC		RNAV	YQB J555 GADAL Q910 YBC
CYQB	L	DEP TO	CYBC		RNAV	YQB V360 GADAL T603 YBC
CYQB	H&L	ARR FR	CYFC		RNAV	OMVAR OMVAR ARR
CYQB	H&L	DEP TO	CYGP		RNAV	FLEUR VODIX OMPOG
CYQB	H&L	ARR FR	CYHU		RNAV	ADVEM OMVAR ARR
CYQB	H	DEP TO	CYHU		RNAV	IGTER Q812 MAIRE
CYQB	L	DEP TO	CYHU		RNAV	IGTER T677 MAIRE
CYQB	H	DEP TO	CYML		RNAV	YQB J555 GADAL Q910 KESLU
CYQB	L	DEP TO	CYML		RNAV	YQB V360 GADAL T603 KESLU
CYQB	H&L	ARR FR	CYMX	NONJET	RNAV	SINRO PESAC ARR
CYQB	H&L	ARR FR	CYMX	JET	RNAV	ANTEG OBRON MOBUB PESAC PESAC ARR
CYQB	H	DEP TO	CYMX		RNAV	PENTU T616 URVAS DAXES VIBNU
CYQB	H	DEP TO	CYMX		RNAV	PENTU Q824 URVAS DAXES VIBNU
CYQB	H	ARR FR	CYND		RNAV	TAKOL Q941 AGLUK PESAC ARR
CYQB	L	ARR FR	CYND		RNAV	TAKOL T731 AGLUK PESAC ARR
CYQB	H	DEP TO	CYND		RNAV	YQB UDBAM DICEN Q878 ALIDO
CYQB	L	DEP TO	CYND		RNAV	YQB UDBAM DICEN T660 ALIDO
CYQB	H	ARR FR	CYOW		RNAV	TAKOL Q941 AGLUK PESAC ARR
CYQB	L	ARR FR	CYOW		RNAV	TAKOL T731 AGLUK PESAC ARR
CYQB	H	DEP TO	CYOW		RNAV	YQB UDBAM DICEN Q878 ALIDO LEAMY ARR
CYQB	L	DEP TO	CYOW		RNAV	YQB UDBAM DICEN T660 ALIDO LEAMY ARR
CYQB	H	DEP TO	CYTZ		RNAV	YQB UDBAM DICEN Q852 KEMVI ILIXU ARR
CYQB	L	DEP TO	CYTZ		RNAV	YQB UDBAM DICEN T636 KEMVI ILIXU ARR
CYQB	H&L	ARR FR	CYUL	NONJET	RNAV	SINRO PESAC ARR
CYQB	H&L	ARR FR	CYUL	JET	RNAV	ANTEG OBRON MOBUB PESAC PESAC ARR
CYQB	H&L	DEP TO	CYUL		RNAV	IKMIK OMBRE ARR
CYQB	H&L	DEP TO	CYYY		RNAV	FLEUR
CYQB	H	DEP TO	CYYZ		RNAV	YQB UDBAM DICEN Q848 LETAK

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYQB	L	DEP TO	CYYZ		RNAV	YQB UDBAM DICEN T680 LETAK
CYQB	H	DEP TO	CYZV		RNAV	YQB J555 GADAL Q910 TABRU
CYQB	L	DEP TO	CYZV		RNAV	YQB V360 GADAL T603 TABRU
CYQB	H	DEP TO	KBOS	JET	RNAV	PINTE AJJAY OOSHN5 KBOS
CYQB	H&L	DEP TO	KBOS	NONJET	RNAV	ROGSA MOBAL CON TOMIE LWRNC KBOS
CYQB	H	DEP TO	KEWR	JET	RNAV	PENTU Q824 URVAS HANAA FLOSI ARR
CYQB	H&L	DEP TO	KEWR	NONJET	RNAV	ROGSA MOBAL HANAA ALB V213 SAX
CYQB	H	DEP TO	KJFK	JET	RNAV	PENTU Q824 URVAS ALB IGN IGN ARR
CYQB	H&L	DEP TO	KJFK	NONJET	RNAV	ROGSA MOBAL ALB IGN IGN ARR
CYQB	H	DEP TO	KLGA	JET	RNAV	PENTU Q824 URVAS ALB HAARP ARR
CYQB	H&L	DEP TO	KLGA	NONJET	RNAV	ROGSA MOBAL ALB PWL IGN V157 LGA
CYQB	H	DEP TO	KORD		RNAV	YQB UDBAM DICEN Q848 LETAK
CYQB	L	DEP TO	KORD		RNAV	YQB UDBAM DICEN T680 LETAK
CYRI	L	DEP TO W			RNAV	MIVAX
CYRQ	H&L	DEP TO E			RNAV	PESAC
CYRQ	H&L	DEP TO W			RNAV	NOVID
CYRQ	L	DEP TO	CYHU		RNAV	NOVID LOKBU
CYRQ	L	DEP TO	CYMX		RNAV	NOVID LOKBU
CYRQ	L	DEP TO	CYUL		RNAV	PESAC MISOP SILVI OMBRE OMBRE ARR
CYUL	H&L	ARR FR E		NONJET	RNAV	MUSDU OMBRE ARR
CYUL	H&L	ARR FR E		JET	RNAV	ODBOS OMBRE ARR
CYUL	H&L	ARR FR N			RNAV	OBRET LAFLEUR ARR
CYUL	H	ARR FR NE		JET	RNAV	DEBUS OMBRE ARR
CYUL	H&L	ARR FR NE		NONJET	RNAV	IGSAS OBTEK DEBUS OMBRE ARR
CYUL	H&L	ARR FR NW			RNAV	BEMOG LAFLEUR ARR
CYUL	H&L	ARR FR S			RNAV	PBERG CARTER ARR
CYUL	H&L	ARR FR SW			RNAV	ART IMPACT ARR
CYUL	H&L	ARR FR W			RNAV	MIGLO HABBS ARR
CYUL	H	DEP TO E		JET	RNAV	KEBGO RABIK Q951 ANTOV
CYUL	H	DEP TO E		NONJET, FL270 & BLW, TRACK NORTH OF VODIX	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR
CYUL	H	DEP TO E		NONJET	RNAV	VOBOK PUXER Q947 REVEN
CYUL	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB ANCER
CYUL	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB BAREE
CYUL	H	DEP TO E		FL290 & ABV	RNAV	ANTEG OBRON MOBUB EBMOS YQB CEFOU
CYUL	H	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYUL	H	DEP TO E		NONJET, FL270 & BLW, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR VODIX
CYUL	H&L	DEP TO E		NONJET, FL270 & BLW	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYUL	H&L	DEP TO E		JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR
CYUL	L	DEP TO E		JET	RNAV	KEBGO RABIK T739 ANTOV
CYUL	L	DEP TO E		NONJET, TRACK NORTH OF VODIX	RNAV	SINRO LOKBU SOKYE T781 YQB FLEUR
CYUL	L	DEP TO E		NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYUL	L	DEP TO E		NONJET	RNAV	VOBOK PUXER T737 REVEN

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYUL	L	DEP TO E		NONJET, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	SINRO LOKBU SOKYE T781 YQB FLEUR VODIX
CYUL	H	DEP TO N			RNAV	TAMKO Q903 IKNAR
CYUL	L	DEP TO N			RNAV	TAMKO T705 IKNAR
CYUL	H	DEP TO NE		JET	RNAV	TAMKO IGSAS
CYUL	H&L	DEP TO NE		NONJET	RNAV	SINRO LOKBU NOVID BERUT IGSAS
CYUL	H&L	DEP TO NE			RNAV	TAMKO ULDON
CYUL	H	DEP TO NW		NONJET	RNAV	KESKA BIPKO Q997 SASID
CYUL	H&L	DEP TO NW		JET	RNAV	KESKA BIPKO IPSAK OMEGI RADEN
CYUL	L	DEP TO NW		NONJET	RNAV	KESKA BIPKO T649 SASID
CYUL	H&L	DEP TO S			RNAV	FAWNS BUGSY
CYUL	H&L	DEP TO SE			RNAV	VIRKA
CYUL	H&L	DEP TO SW			RNAV	FAWNS BUGSY SYR
CYUL	H	DEP TO W			RNAV	KESKA SAVEX Q806 TUKIR
CYUL	H&L	DEP TO W			RNAV	KESKA SAVEX KANUR LETAK
CYUL	L	DEP TO W			RNAV	KESKA SAVEX T614 TUKIR
CYUL	H&L	ARR FR	CYBC		RNAV	MIVAX OBTEK DEBUS OMBRE ARR
CYUL	H	DEP TO	CYBC	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYUL	H	DEP TO	CYBC	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYUL	L	DEP TO	CYBC	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYUL	H	DEP TO	CYBG	JET	RNAV	TAMKO IGSAS
CYUL	H&L	DEP TO	CYBG	NON JET	RNAV	SINRO LOKBU NOVID BERUT IGSAS
CYUL	H&L	ARR FR	CYDO	JET	RNAV	OBRET LAFLEUR ARR
CYUL	H&L	ARR FR	CYDO	NONJET	RNAV	BERUT MISOP OMBRE OMBRE ARR
CYUL	H	DEP TO	CYFJ		RNAV	KESKA BIPKO Q997 BOKLU
CYUL	L	DEP TO	CYFJ		RNAV	KESKA BIPKO T649 BOKLU
CYUL	H&L	DEP TO	CYGK	A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA
CYUL	L	DEP TO	CYGK	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA URMUM
CYUL	H&L	ARR FR	CYGP		RNAV	MIVAX OBTEK DEBUS OMBRE ARR
CYUL	H	DEP TO	CYGP	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR VODIX OMPOG
CYUL	H&L	DEP TO	CYGP	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR VODIX OMPOG
CYUL	L	DEP TO	CYGP	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB FLEUR VODIX OMPOG
CYUL	H	DEP TO	CYHM		RNAV	KESKA SAVEX Q806 ILUSI ERBAL YYZ UDMIK ARR
CYUL	L	DEP TO	CYHM	A140 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU LINNG
CYUL	L	DEP TO	CYHM	A160	RNAV	KESKA SAVEX T614 ILUSI ERBAL YYZ UDMIK ARR
CYUL	H&L	ARR FR	CYLQ	NONJET	RNAV	MISOP OMBRE OMBRE ARR
CYUL	H&L	ARR FR	CYML		RNAV	MIVAX OBTEK DEBUS OMBRE ARR
CYUL	H	DEP TO	CYML	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYUL	H&L	DEP TO	CYML	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYUL	L	DEP TO	CYML	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYUL	H&L	ARR FR	CYND		RNAV	AVVON ALOET ARR
CYUL	H&L	DEP TO	CYND		RNAV	KESKA ALSET THURO

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYUL	H&L	ARR FR	CYOW		RNAV	AVVON ALOET ARR
CYUL	H&L	DEP TO	CYOW		RNAV	KESKA ALSET RIVER ARR
CYUL	H&L	ARR FR	CYQB		RNAV	IKMIK OMBRE ARR
CYUL	H&L	DEP TO	CYQB	NONJET	RNAV	SINRO PESAC ARR
CYUL	H&L	DEP TO	CYQB	JET	RNAV	ANTEG OBRON MOBUB PESAC PESAC ARR
CYUL	H&L	ARR FR	CYRJ	NONJET	RNAV	BERUT MISOP OMBRE OMBRE ARR
CYUL	H&L	ARR FR	CYRJ	JET	RNAV	OBRET LAFLEUR ARR
CYUL	H&L	DEP TO	CYSN	DH8D TYPE OR FASTER, A140 & BLW	RNAV	BOBKI MELTI KEMVI LORKA ILIXU
CYUL	H&L	DEP TO	CYSN	NON JET, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA
CYUL	L	DEP TO	CYSN	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU
CYUL	H&L	ARR FR	CYTF		RNAV	IGSAS OBTEK DEBUS OMBRE ARR
CYUL	H&L	DEP TO	CYTR	A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI LORKA YTR
CYUL	L	DEP TO	CYTR	A120 & BLW	RNAV	TALNO SSENA ALONI YTR
CYUL	H&L	DEP TO	CYTZ	DH8D TYPE OR FASTER	RNAV	BOBKI MELTI KEMVI ILIXU ARR
CYUL	H&L	DEP TO	CYTZ	SLOWER THAN DH8D TYPE, A140 & ABV	RNAV	KESKA SAVEX KANUR KEMVI ILIXU ARR
CYUL	L	DEP TO	CYTZ	A120 & BLW	RNAV	TALNO SSENA ALONI OLABA ILIXU
CYUL	L	DEP TO	CYTZ	SINGLE ENGINE A120 & BLW	RNAV	TALNO SSENA ALONI TESUK
CYUL	H	ARR FR	CYUY		RNAV	YUY B7 REZIN Q997 EPRES BEMOG LAFLEUR ARR
CYUL	L	ARR FR	CYUY		RNAV	YUY B7 REZIN T649 EPRES BEMOG LAFLEUR ARR
CYUL	H&L	ARR FR	CYVO		RNAV	TAGET IKMOL LAFLEUR ARR
CYUL	H	DEP TO	CYXU		RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR
CYUL	L	DEP TO	CYXU	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR
CYUL	L	DEP TO	CYXU	A140 & BLW	RNAV	KESKA SAVEX KANUR LETAK T616 REVUD
CYUL	H&L	ARR FR	CYYY		RNAV	MIVAX OBTEK DEBUS OMBRE ARR
CYUL	H	DEP TO	CYYY	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB FLEUR
CYUL	H&L	DEP TO	CYYY	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB FLEUR
CYUL	L	DEP TO	CYYY	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB FLEUR
CYUL	H&L	DEP TO	CYYZ	JET	RNAV	BOBKI MELTI TORNI RAGID ARR
CYUL	H&L	DEP TO	CYYZ	NONJET	RNAV	KESKA SAVEX KANUR TUKIR UDNOX ARR
CYUL	H&L	ARR FR	CYZV		RNAV	MIVAX OBTEK DEBUS OMBRE ARR
CYUL	H	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE Q921 PESAC YQB J555 GADAL Q910 KESLU
CYUL	H	DEP TO	CYZV	JET	RNAV	ANTEG OBRON MOBUB EBMOS YQB J555 GADAL Q910 KESLU
CYUL	L	DEP TO	CYZV	NONJET	RNAV	SINRO LOKBU SOKYE T781 YQB V360 GADAL T603 KESLU
CYUL	H&L	ARR FR	CZBF	NONJET	RNAV	LABRE IKMIK OMBRE ARR
CYUL	H&L	DEP TO	KALB		RNAV	FAWNS BUGSY ALB
CYUL	H&L	DEP TO	KBDL		RNAV	VIRKA BRATS
CYUL	H&L	DEP TO	KBOS		RNAV	VIRKA ENE OOSHN ARR
CYUL	H&L	DEP TO	KBTV		RNAV	VIRKA
CYUL	H&L	DEP TO	KBUF		RNAV	FAWNS BUGSY SYR ROC EHMAN
CYUL	H	DEP TO	KCLE		RNAV	KESKA SAVEX Q806 GGUCE DOZRR BRWNZ ARR
CYUL	H&L	DEP TO	KCLE		RNAV	FAWNS BUGSY SYR JOSSY HAGAR CXR CXR ARR

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZUL
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYUL	H&L	DEP TO	KCVG		RNAV	FAWNS BUGSY SYR JOSSY MAULL KODIE CTW TIGRR ARR
CYUL	H	DEP TO	KDET		RNAV	FAWNS BUGSY SYR COLTS GIGGY ARR
CYUL	H	DEP TO	KDET	FL240 & ABV	RNAV	KESKA SAVEX Q806 BOBTA DERLO PICUP GIGGY ARR
CYUL	H	DEP TO	KDET	FL180 TO FL220	RNAV	KESKA SAVEX Q806 ILUSI YYZ LETOR PICUP GIGGY ARR
CYUL	L	DEP TO	KDET	A140 & BLW	RNAV	KESKA SAVEX T614 PEVNI KENLU T616 REVUD DERLO PICUP GIGGY ARR
CYUL	L	DEP TO	KDET	A160	RNAV	KESKA SAVEX T614 ILUSI YYZ LETOR PICUP GIGGY ARR
CYUL	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA TPGUN ARR
CYUL	H	DEP TO	KDTW		RNAV	KESKA SAVEX Q806 BOBTA CUUGR ARR
CYUL	H	DEP TO	KDTW		RNAV	FAWNS BUGSY GONZZ DONEO TPGUN ARR
CYUL	H	DEP TO	KDTW		RNAV	FAWNS BUGSY GONZZ DONEO CUUGR ARR
CYUL	H&L	DEP TO	KEWR		RNAV	FAWNS BUGSY HANAA FLOSI ARR
CYUL	H&L	DEP TO	KHPN		RNAV	FAWNS BUGSY NIPPY ALB V157 HAARP
CYUL	H&L	DEP TO	KJFK		RNAV	FAWNS BUGSY NIPPY ALB IGN ARR
CYUL	H&L	DEP TO	KLGA		RNAV	FAWNS BUGSY NIPPY ALB HAARP ARR
CYUL	H	DEP TO	KORD		RNAV	KESKA SAVEX KANUR LETAK Q824 FNT WYNDE ARR
CYUL	H&L	DEP TO	KPHL		RNAV	FAWNS BUGSY NIPPY ALB DNY SPUDS ARR
CYUL	H&L	DEP TO	KTEB		RNAV	FAWNS BUGSY HANAA ALB V489 COATE
CYUY	H&L	ARR FR E			RNAV	YVO V372 YUY
CYUY	H&L	ARR FR SE			RNAV	REZIN B7 YUY
CYUY	H&L	DEP TO E			RNAV	YUY YVO
CYUY	H&L	DEP TO SE			RNAV	YUY B7 REZIN
CYUY	H&L	ARR FR	CYQB		RNAV	YQB UDBAM DICEN BERUT YVO V372 YUY
CYVB	H	DEP TO W			RNAV	MIVAX
CYVO	H&L	DEP TO	CYQB		RNAV	OLAVO OLAVO ARR
CYVO	H&L	DEP TO	CYUL		RNAV	TAGET IKMOL LAFLEUR ARR
CYYY	H&L	ARR FR W			RNAV	FLEUR T660 KISUV
CYYY	H&L	DEP TO W		A120 & ABV	RNAV	MIVAX
CYYY	L	DEP TO W		A100 & BLW		KISUV T660 ANATI MIVAX
CYZV	H	ARR FR W			RNAV	KESLU Q910 TABRU
CYZV	L	ARR FR W			RNAV	KESLU T603 TABRU
CYZV	H&L	DEP TO SW		A120 & ABV	RNAV	MIVAX
CYZV	L	DEP TO SW		A100 & BLW		TABRU T603 YBC T677 MIVAX
CYZV	L	DEP TO	CYBC		RNAV	TABRU T603 YBC
CYZV	L	DEP TO	CYBG		RNAV	TABRU T603 YBC KAVMU
CYZV	L	DEP TO	CYRC		RNAV	TABRU T603 YBC KAVMU
CZBM	H	DEP TO W			RNAV	RABIK VILRO SAVEX Q806 TUKIR
CZBM	L	DEP TO W			RNAV	RABIK VILRO SAVEX T614 TUKIR
CZBM	H&L	DEP TO	CYHU		RNAV	RABIK VILRO OKOPO MAIRE
CZBM	H&L	DEP TO	CYUL		RNAV	RABIK VILRO OMBRE OMBRE ARR

OVERFLIGHTS						CZUL
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
E-BOUND	H	IPTOS			RNAV	IPTOS Q921 AGLUK ANCER
E-BOUND	H	IPTOS			RNAV	IPTOS Q921 AGLUK BAREE
E-BOUND	H	IPTOS			RNAV	IPTOS Q921 AGLUK CEFOU

OVERFLIGHTS (Cont'd)						CZUL
DIRECTION	ALT	NAVAID	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
E-BOUND	H	IPTOS		FL270 & BLW	RNAV	IPTOS Q921 PESAC YQB J555 GADAL Q910 KESLU
E-BOUND	H	IPTOS		FL270 & BLW, TRACK NORTH OF VODIX	RNAV	IPTOS Q921 PESAC YQB FLEUR
E-BOUND	H	IPTOS		FL270 & BLW, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	IPTOS Q921 PESAC YQB FLEUR VODIX
E-BOUND	H	LORKA			RNAV	LORKA Q907 MIILS
E-BOUND	L	MIVOK		A130 & BLW, TRACK NORTH OF VODIX	RNAV	MIVOK T749 SOKYE T781 YQB FLEUR
E-BOUND	L	MIVOK		A130 & BLW	RNAV	MIVOK T749 SOKYE T781 YQB V360 GADAL T603 YBC
E-BOUND	L	MIVOK		A130 & BLW, TRACK VIA VODIX OR SOUTH OF VODIX	RNAV	MIVOK T749 SOKYE T781 YQB FLEUR VODIX
E-BOUND	L	NOPOT		A110 & BLW	RNAV	NOPOT TALNO RABIK ANTOV
E-BOUND	H	OLABA			RNAV	OLABA Q951 TALNO Q929 TOXAL
E-BOUND	L	OLABA			RNAV	OLABA T791 ALONI DAVDA SSENA TALNO T721 TOXAL
E-BOUND	H	ROSVO		FL290 & ABV	RNAV	ROSVO ANCER
E-BOUND	H	ROSVO		FL290 & ABV	RNAV	ROSVO BAREE
E-BOUND	H	ROSVO		FL290 & ABV	RNAV	ROSVO CEFOU
W-BOUND	H	ANATI		FL290 & ABV	RNAV	ANATI POLTY
W-BOUND	H	ANATI		FL290 & ABV	RNAV	ANATI ROSVO
W-BOUND	H	ANATI		FL290 & ABV	RNAV	ANATI KAPUX
W-BOUND	L	ANTOV		A120 & BLW	RNAV	ANTOV TOXAL T721 TALNO ALONI T791 OLABA
W-BOUND	H&L	ART			RNAV	ART IGSAP
W-BOUND	H&L	BTV			RNAV	BUGSY SSENA ALONI OLABA IGSAP RAGID ARR
W-BOUND	H&L	CYGK		OVERFLYING YYZ AREA	RNAV	AGNOB
W-BOUND	H	DERDO			RNAV	DERDO Q806 TUKIR
W-BOUND	H	DERDO			RNAV	DERDO Q806 KANUR LETAK
W-BOUND	H	DERDO			RNAV	DERDO Q806 KANUR Q852 KEMVI ILIXU ARR
W-BOUND	L	DERDO			RNAV	DERDO T614 TUKIR
W-BOUND	L	DERDO			RNAV	DERDO T614 KANUR LETAK
W-BOUND	L	DERDO			RNAV	DERDO T614 KANUR T636 KEMVI ILIXU ARR
W-BOUND	H&L	KBTV			RNAV	BUGSY SSENA ALONI SANIN DEDKI
W-BOUND	H&L	KPLB			RNAV	BUGSY SSENA ALONI SANIN DEDKI
W-BOUND	H	MIILS		F290 & ABV	RNAV	MIILS LETAK
W-BOUND	H&L	PBERG			RNAV	BUGSY SSENA ALONI OLABA IGSAP RAGID ARR
W-BOUND	H	YBC		FL290 & ABV	RNAV	YBC POLTY
W-BOUND	H	YBC		FL290 & ABV	RNAV	YBC ROSVO
W-BOUND	H	YBC		FL290 & ABV	RNAV	YBC IGSAS KAPUX
W-BOUND	H		CYTR		RNAV	MATOR Q852 KEMVI LORKA YTR
W-BOUND	L		CYTR		RNAV	MATOR T636 KEMVI LORKA YTR

CZQM MONCTON FIR

FROM LOCATION TO LOCATION OR DIRECTION						CZQM
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYHZ	H&L	ARR FR E		N OF CYQY/SASUG	RNAV	CAYLY CABOT ARR
CYHZ	H&L	ARR FR E		CYQY/SASUG OR S	RNAV	AGMIR LIRLA ARR
CYHZ	H&L	ARR FR NE			RNAV	CAYLY CABOT ARR
CYHZ	H&L	ARR FR NW			RNAV	EBONY FUNDY ARR
CYHZ	H&L	ARR FR NW		JET	RNAV	OMVEV MINAS ARR
CYHZ	L	ARR FR NW			RNAV	OMVEV MINAS ARR
CYHZ	H&L	ARR FR S			RNAV	ELERI PEGGY ARR
CYHZ	H&L	ARR FR SE			RNAV	AGMIR LIRLA ARR
CYHZ	H&L	ARR FR W			RNAV	ALLEX FUNDY ARR
CYHZ	H&L	ARR FR W			RNAV	TUSKY PEGGY ARR
CYHZ	H&L	DEP TO E			RNAV	IGTAS NOTOP
CYHZ	H&L	DEP TO NE			RNAV	KATLO
CYHZ	H&L	DEP TO NW			RNAV	KELNO FRENN
CYHZ	H&L	DEP TO NW		JET	RNAV	KELNO MOWND
CYHZ	H&L	DEP TO NW		NON-JET	RNAV	DUSEN TOPPS
CYHZ	H&L	DEP TO W		50 NM OF LAND	RNAV	SENVI VIGMA ALLEX
CYHZ	H&L	DEP TO	CYMX	JET	RNAV	KELNO Q806 MLT VIVIL
CYHZ	H&L	DEP TO	CYMX	NON-JET	RNAV	DUSEN TOPPS VIVIL
CYHZ	H	DEP TO	CYOW	JET	RNAV	KELNO Q806 MLT DERDO
CYHZ	H&L	DEP TO	CYOW	NON-JET	RNAV	DUSEN TOPPS DERDO
CYHZ	H	DEP TO	CYUL	JET	RNAV	KELNO Q806 MLT ODBOS
CYHZ	H&L	DEP TO	CYUL	NON-JET	RNAV	DUSEN TOPPS MUSDU
CYHZ	H	DEP TO	CYYT	50 NM OF LAND	RNAV	IGTAS NOTOP Q846 TIGOR
CYHZ	H	DEP TO	CYYT		RNAV	IGTAS NOTOP Q806 PERLU
CYHZ	L	DEP TO	CYYT	50 NM OF LAND	RNAV	IGTAS NOTOP T783 TIGOR
CYHZ	L	DEP TO	CYYT		RNAV	IGTAS NOTOP PERLU
CYHZ	H	DEP TO	CYYZ	JET	RNAV	KELNO Q806 MLT DERDO
CYHZ	H&L	DEP TO	CYYZ	NON-JET	RNAV	DUSEN TOPPS DERDO
CYQM	H&L	ARR FR SW			RNAV	VITUX
CYQM	H	ARR FR W			RNAV	DANOL Q951 PUXOP
CYQM	L	ARR FR W			RNAV	DANOL T739 PUXOP
CYQM	H&L	DEP TO	CYMX		RNAV	BEMEK VIVIL
CYQM	H&L	DEP TO	CYUL	NON-JET	RNAV	BEMEK MUSDU
CYQM	H&L	DEP TO	CYUL	JET	RNAV	BEMEK ODBOS
CYQM	H&L	DEP TO	CYYZ		RNAV	BEMEK DERDO
CYSJ	H&L	ARR FR NW				VITUX
CYSJ	H&L	DEP TO N				MUSAD
CYSJ	H&L	DEP TO N				VITUX EPNOG
CYSJ	H&L	DEP TO N		CYR721 ACTIVE		NOROD
CYSJ	H&L	DEP TO NW				VITUX
CYSJ	H&L	DEP TO NW		CYR720 ACTIVE		VITUX MOWND
CYYG	H	ARR FR W			RNAV	DANOL Q951 IKURO
CYYG	L	ARR FR W			RNAV	DANOL T739 ITPAX T698 IKURO
CYYG	H	DEP TO	CYUL	NON-JET	RNAV	IKURO Q858 DULBA MUSDU
CYYG	H	DEP TO	CYUL	JET	RNAV	IKURO Q858 DULBA ODBOS
CYYG	L	DEP TO	CYUL	NON-JET	RNAV	IKURO T735 DULBA MUSDU
CYYG	L	DEP TO	CYUL	JET	RNAV	IKURO T735 DULBA ODBOS
CYYG	H	DEP TO	CYYZ		RNAV	IKURO Q858 DULBA DERDO

FROM LOCATION TO LOCATION OR DIRECTION (Cont'd)						CZQM
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYG	L	DEP TO	CYYZ		RNAV	IKURO T735 DULBA DERDO

CZQX GANDER FIR

FROM LOCATION TO LOCATION OR DIRECTION						CZQX
AD	ALT	DIRECTION	AD	LIMITATIONS	PROC	ROUTE OF FLIGHT
CYYT	H&L	ARR FR NW			RNAV	MIVAD AVALON ARR
CYYT	H&L	ARR FR W		50NM FROM LAND	RNAV	TIGOR TIGOR ARR
CYYT	H&L	ARR FR W			RNAV	PERLU BURIN ARR
CYYT	H&L	DEP TO W			RNAV	TEXED
CYYT	H&L	DEP TO	CYHZ		RNAV	TEXED SILRO CAYLY
CYYT	H&L	DEP TO	CYHZ		RNAV	TEXED AGMIR

FIXED RNAV ROUTES

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
L600	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To ALKOB QC, intxn	N51 28.8	W064 01.5		066°	114
	To Goose NL, VOR	N53 19.2	W060 17.7		068°	176
L602	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To PEKRO, NL intxn	N53 09.4	W064 06.2		042°	193
L603	Whitehorse YT, VOR/DME	N60 37.1	W135 08.3			
	To ILUPO, YT intxn	N61 06.9	W135 39.8		314°	34
	Dawson City YT, NDB	N64 01.7	W139 10.1		314°	200
L604	Whitehorse YT, VOR/DME	N60 37.1	W135 08.3			
	To AVTAV, YT intxn	N62 12.7	W133 23.2		005°	108
L605	XULDU, NU intxn	N74 43.0	W094 58.2			
	To EMETO, NU intxn	N73 10.0	W085 48.1		117°T	179
	To NANSA, NU intxn	N73 00.4	W085 02.8		126°T	16
	To ALETU, NU intxn	N72 43.4	W078 30.9		095°T	117
	To SATAX, NU intxn	N72 41.4	W077 58.1		101°T	10
L606	KEMGI, YT intxn	N60 23.6	W134 39.7			
	To LEXUB, YT intxn	N60 24.5	W133 49.8		069°	25
	To CANYO, YT intxn	N60 25.4	W132 24.1		070°	43
L607	IRGIP, YT intxn	N60 02.7	W134 10.5			
	To ANTUT, YT intxn	N60 08.4	W134 18.5		306°	7
	To KEMGI, YT intxn	N60 23.6	W134 39.7		306°	19
L608	ERDIK, QC, intxn	N58 03.4	W068 29.2			
	To NOROL, QC, intxn	N61 02.6	W069 37.6		012°	183
	To OMIVO, NU, intxn	N63 44.0	W068 32.9		034°	165
L619	ERDIK, QC, intxn	N58 03.4	W068 29.2			
	To AGBIX, QC, intxn	N60 03.1	W077 17.3		319°	298
	To PIBRO, QC, intxn	N60 49.1	W078 08.9		351°	53
	To EBLAL, QC, intxn	N62 25.0	W077 55.5		023°	96
L627	OTPAN, QC, intxn	N52 13.8	W078 31.1			
	To MERNU, QC, intxn	N53 00.5	W078 49.5		360°	48
L630	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To KEKNA, QC, intxn	N50 09.5	W065 57.6		128°	13
	To MOBEG, QC, intxn	N49 50.2	W064 17.3		124°	67
L632	IGSAS, QC intxn	N48 01.0	W071 16.2			
	To VUCAN, QC intxn	N49 53.9	W071 15.2		017°	113
	To AGLOL, QC intxn	N53 42.7	W073 42.2		356°	247
L633	Wabush, NL, VOR/DME	N52 57.6	W066 51.2			
	To PUVOK, QC intxn	N54 48.9	W066 45.3		021°	112
	To ERDIK, QC intxn	N58 03.4	W068 29.2		004°	203
L634	NOROL, QC intxn	N61 02.6	W069 37.6			
	To AMILI, QC intxn	N60 01.5	W070 00.3		213°	62
	To DUMRU, QC intxn	N58 40.3	W069 56.8		202°	82
	To ERDIK, QC intxn	N58 03.4	W068 29.2		150°	59
	To IKBIB, QC intxn	N58 42.4	W065 59.4		085°	88
L636	MELBI, NT intxn	N66 14.4	W128 38.9			
	To MEKTA, NT intxn	N67 21.6	W134 33.8		278°	156
	To ALTIG, NT intxn	N68 18.2	W133 29.0		002°	62

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
L638	OMVEG, ON intxn	N50 06.8	W091 54.3			
	To BEXOV, ON intxn	N50 17.6	W088 54.6		085°	116
	To XEXUL, ON intxn	N50 11.0	W086 41.8		098°	85
	To SASOB, ON intxn	N49 24.7	W082 28.2		111°	171
L640	ITBIN, ON intxn	N51 04.0	W093 47.6			
	To MUVUR, ON intxn	N51 49.2	W093 58.4		352°	46
	To AXENO, ON intxn	N52 39.4	W094 03.7		356°	50
	To NOTUG, MB intxn	N53 51.4	W094 39.2		344°	75
L643	TAGIS, QC intxn	N61 35.3	W071 55.8			
	To ULBOD, NU intxn	N62 50.9	W069 52.6		060°	95
	To DAJIM, NU intxn	N63 45.4	W068 33.4		058°	65
L646	EMBES, QC intxn	N48 32.7	W072 17.7			
	To VUCAN, QC intxn	N49 53.9	W071 15.2		042°	91
L647	EPSET, BC intxn	N58 25.3	W130 01.9			
	To Watson Lake, YT VOR/DME	N60 05.2	W128 51.5		360°	106
	To Fort Simpson, NT VOR/DME	N61 46.4	W121 17.9		043°	243
L648	OLARU, YT intxn	N62 28.9	W141 00.0			
	To KEKDO, YT intxn	N62 02.3	W140 11.7		121°	35
	To IGSOM, YT intxn	N61 22.2	W139 02.4		122°	52
	To Whitehorse, YT VOR/DME	N60 37.1	W135 08.3		091°	123
L650	Whitehorse, YT VOR/DME	N60 37.1	W135 08.3			
	To VOBUN, YT intxn	N61 11.9	W135 16.4		335°	35
	To Mayo, YT NDB	N63 37.7	W135 53.7		335°	147
L651	KIROD, MB, intxn	N53 57.5	W097 50.6			
	To Gillam, MB, NDB	N56 21.2	W094 42.0		032°	180
L653	LENUT, QC intxn	N58 28.3	W078 04.6			
	To ERDIK, QC intxn	N58 03.4	W068 29.2		108°	305
L657	NUDOV, QC, intxn	N50 28.1	W059 38.2			
	To SUSUB, NL, intxn	N53 19.2	W060 25.6		010°	174
	To TIGIP, NL, intxn	N55 26.9	W060 13.7		023°	128
L658	ANATI, QC, intxn	N47 45.4	W069 35.3			
	To LEXEN, NB, intxn	N47 59.5	W066 19.8		099°	132
	To OVIXI, NB, intxn	N47 00.3	W065 27.4		166°	69
L659	Baker Lake, NU, NDB	N64 19.3	W096 06.3			
	To SUVDI, NU, intxn	N63 20.8	W090 43.9		110°T	154
	To Coral Harbour, NU, NDB	N64 08.9	W083 18.3		073°T	204
L669	TEXEX, QC intxn	N55 16.9	W077 45.9			
	To ERDIK, QC intxn	N58 03.4	W068 29.2		073°	349
L684	Coral Harbour, NU, NDB	N64 08.9	W083 18.3			
	To VIPDI, NU intxn	N66 31.2	W086 13.5		334°T	161
L686	Can/USA bdry	N59 38.4	W136 05.7			
	IGSOM, YT intxn	N61 22.2	W139 02.4		302°	136

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
L688	Rouyn, QC, NDB	N48 10.4	W078 56.3			
	To BIPLI, QC, intxn	N49 00.4	W078 18.4		038°	56
	To DUVKI, QC, intxn	N49 43.4	W077 44.5		039°	49
	To BEVIX, QC, intxn	N51 41.3	W076 08.1		040°	133
	To AGLOL, QC, intxn	N53 42.7	W073 42.2		050°	150
	To ERDIK, QC, intxn	N58 03.4	W068 29.2		049°	315
	To MEPNI, QC, intxn	N59 18.2	W069 36.0		358°	83
	To AMILI, QC, intxn	N60 01.5	W070 00.3		007°	45
L694	HELVE, AB intxn	N56 13.6	W117 26.9			
	To OVATU, AB intxn	N58 29.5	W119 24.4		320°	150
	To MEVMA, BC intxn	N58 50.2	W122 35.8		266°	102
L703	IKLIX, SK, intxn	N59 33.3	W108 31.1			
	To Stony Rapids, SK, NDB	N59 15.3	W105 49.9		273°	84
L704	Chiboo (Chapais), QC, NDB	N49 48.0	W074 29.7			
	To AGLOL, QC, intxn	N53 42.7	W073 42.2		022°	237
	To TEXEX, QC, intxn	N55 16.9	W077 45.9		322°	171
	To LENUT, QC, intxn	N58 28.3	W078 04.6		012°	192
L705	EBLAL, QC intxn	N62 25.0	W077 55.5			
	To LEXIG, QC intxn	N62 10.8	W075 40.0		123°	65
	To TAGIS, QC intxn	N61 35.3	W071 55.8		129°	112
	To EMDUN, QC intxn	N61 02.8	W069 37.1		139°	74
L706	KIROD, MB, intxn	N53 57.5	W097 50.6			
	To NOTUG, MB, intxn	N53 51.4	W094 39.2		089°	113
L707	SAVAT, QC intxn	N64 13.8	W076 31.5			
	To LEXIG, QC intxn	N62 10.8	W075 40.0		193°	126
	To IRBUX, QC intxn	N60 01.6	W070 00.0		148°	210
L709	AGBIX, QC intxn	N60 03.1	W077 17.3			
	To LEXIG, QC intxn	N62 10.8	W075 40.0		039°	136
	To DAJIM, QC intxn	N63 45.4	W068 33.4		083°	217
L710	AXENO, ON intxn	N52 39.4	W094 03.7			
	To EPVUM, ON intxn	N53 03.9	W093 20.7		047°	36
L711	EPSET, BC intxn	N58 25.3	W130 01.9			
	To LEXUT, BC intxn	N59 34.6	W133 40.3		284°	133
	To NADGI, YT intxn	N60 42.6	W135 04.0		310°	80
L712	Rankin Inlet, NU, VOR/DME	N62 48.8	W092 07.0			
	To SUVDI, NU, intxn	N63 20.8	W090 43.9		049°T	50
	To VIPDI, NU, intxn	N66 31.2	W086 13.5		029°T	223
	Hall Beach, NU, VOR/DME	N68 46.7	W081 14.4		038°T	177

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
L713	Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2			
	To NABOG, QC intxn	N48 25.5	W077 48.5		014°	15
	To LIBUT, QC intxn	N49 04.4	W077 46.5		014°	39
	To DUVKI, QC intxn	N49 43.4	W077 44.5		015°	39
	To UKSIL, QC intxn	N53 37.5	W077 42.2		013°	234
	To TEXEX, QC intxn	N55 16.9	W077 45.9		014°	100
	To KIREM, NU intxn	N56 32.2	W079 15.0		343°	91
	To LENUT, QC intxn	N58 28.3	W078 04.6		033°	122
	To LIBEN, QC intxn	N59 48.2	W077 24.3		031°	83
	To AGBIX, QC intxn	N60 03.1	W077 17.3		032°	15
	To TAGIS, QC intxn	N61 35.3	W071 55.8		076°	182
L715	KISUV, QC, intxn	N48 36.7	W068 12.5			
	To LEXEN, NB intxn	N47 59.5	W066 19.8		133°	84
	To Gaspé, QC VOR/DME	N48 45.8	W064 24.3		076°	90
L721	IRKON, NL, intxn	N49 10.8	W057 27.5			
	To JIBNA, QC, intxn	N51 26.5	W057 11.2		023°	136
L723	EPSET, BC intxn	N58 25.3	W130 01.9			
	To OMVAN, YT intxn	N60 10.4	W132 44.5		304°	134
L727	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To ROLKO, QC, intxn	N50 16.9	W063 36.7		105°	103
L729	GRINS, QC, intxn	N47 17.3	W068 07.5			
	To KISUV, QC, intxn	N48 36.7	W068 12.5		014°	80
L731	OVATU, AB intxn	N58 29.5	W119 24.4			
	To GRUGG, AB intxn	N58 37.3	W117 09.9		065°	71
L733	KIREM, NU intxn	N56 32.2	W079 15.0			
	To PUSEL, QC intxn	N56 32.2	W076 31.1		105°	91
L737	TEXEX, QC intxn	N55 16.9	W077 45.9			
	To PUSEL, QC intxn	N56 32.2	W076 31.1		044°	86
	To LENUT, QC intxn	N58 28.3	W078 04.6		354°	127
L741	KIPIR, NT intxn	N69 26.0	W133 01.6			
	To EMKEK, NT intxn	N69 21.6	W124 04.5		066°	190
	To IMEVO, NT intxn	N67 49.0	W115 08.6		091°	217
L743	PEVTO, QC intxn	N48 28.7	W068 30.2			
	To LEXEN, NB intxn	N47 59.5	W066 19.8		125°	92
	To MIVIP, NB intxn	N47 37.8	W065 44.4		149°	32
	To OVIXI, NB intxn	N47 00.3	W065 27.4		180°	39
L751	LEXOX, NT intxn	N63 12.8	W123 25.8			
	To Yellowknife, NT NDB	N62 24.7	W114 26.1		077°	252
L755	DUVKI, QC, intxn	N49 43.4	W077 44.5			
	To Chiboo (Chapais), QC, NDB	N49 48.0	W074 29.7		100°	126
L763	Fort McMurray, AB, VOR/DME	N56 38.8	W111 07.3			
	To TULAG, SK, intxn	N56 41.9	W107 53.4		074°	107
	To PETMA, SK, intxn	N56 05.6	W106 03.1		109°	71
	To La Ronge, SK, VOR/DME	N55 09.5	W105 16.0		144°	62

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
L767	To Fort Smith VOR/DME	N60 01.2	W111 58.2			
	To KIXIP, NT intxn	N61 10.8	W113 41.4		310°	86
	To Hay River VOR/DME	N60 50.2	W115 48.2		237°	65
	To VOGOK, NT intxn	N61 47.2	W121 15.7		276°	168
	To LEXOX, NT, intxn	N63 12.8	W123 25.8		307°	105
	To Norman Wells, NT, NDB	N65 15.2	W126 40.2		307°	149
	To MELBI, NT, intxn	N66 14.4	W128 38.9		301°	77
	To ALTIG, NT, intxn	N68 18.2	W133 29.0		299°	168
	To KIPIR, NT, intxn	N69 26.0	W133 01.6		347°	69
	To EMGAL, NT, intxn	N71 59.6	W125 14.5		021°	218
L769	Baker Lake, NU, NDB	N64 18.9	W096 03.9			
	To MITOV, NU, intxn	N68 37.6	W095 51.5		001°T	260
	To Resolute Bay, NU, NDB	N74 44.8	W094 59.7		002°T	369
L783	Cambridge Bay, NU, NDB	N69 06.9	W105 01.0			
	To MITOV, NU, intxn	N68 37.6	W095 51.5		094°T	201
L787	DUMRU, QC, intxn	N58 40.3	W069 56.8			
	To MEPNI, QC, intxn	N59 18.2	W069 36.0		037°	40
Q29	DUNOM, NB, intxn	N44 54.2	W066 58.2			
	To EBKID, NS, intxn	N44 53.4	W065 30.1		106°	63
	To MUVOX, NS, intxn	N44 51.9	W064 12.2		108°	55
	To Halifax, NS, VOR/DME	N44 55.4	W063 24.1		101°	34
Q140	Can/USA bdry	N44 14.9	W082 16.1			
	To RUBKI, ON, intxn	N44 14.9	W082 15.4		096°	1
	To PEPLA, ON, intxn	N43 47.8	W080 00.9		113°	101
	To SIKBO, ON, intxn	N43 39.2	W079 21.0		117°	30
	To RAGIX, ON, intxn	N43 32.6	W078 57.4		122°	18
	To Can/USA bdry	N43 32.4	W078 56.8		122°	1
Q436	Can/USA bdry	N42 39.5	W082 30.6			
	To YARRK, ON, intxn	N42 31.4	W081 16.1			56
	To CHAAP, ON, intxn	N42 30.3	W080 41.0		101°	26
	To Can/USA bdry	N42 27.7	W079 54.1		103°	35
Q438	Can/USA bdry	N42 48.1	W082 28.8			
	To JAAJA, ON, intxn	N42 40.0	W081 16.0			55
	To ICHOL, ON, intxn	N42 38.5	W080 30.2		101°	34
	To FARGN, ON, intxn	N42 36.7	W079 47.3		103°	32
	To Can/USA bdry	N42 34.3	W079 37.1		118°	8
Q440	Can/USA bdry	N42 48.1	W082 28.8			
	To JAAJA, ON, intxn	N42 40.0	W081 16.0			55
	To ICHOL, ON, intxn	N42 38.5	W080 30.2		101°	34
	To FARGN, ON, intxn	N42 36.7	W079 47.3		103°	32
	To Can/USA bdry	N42 34.3	W079 37.1		118°	8
Q475	TUSKY, NS, intxn	N43 33.9	W067 00.0			
	To SCOTS, NS, intxn	N44 30.0	W064 00.0		082°	141
	To BITRA, NS, intxn	N45 06.4	W061 52.7		085°	98
	To PERLU, NL, intxn	N47 17.4	W054 02.8		083°	352

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q616	YEGGA AB, intxn	N53 11.1	W113 52.0			
	To AROUK AB, intxn	N54 16.7	W114 26.3		329°	69
	To High Level AB, VOR/DME	N58 33.3	W117 05.6		328°	272
Q800	Williams Lake BC, VOR	N52 14.2	W122 10.2	NAVAID		
	To HEIRE BC, intxn	N50 54.0	W123 03.9	YWL 180°/87 DME	186°	87
	To ELIDI BC, intxn	N50 00.4	W123 36.9	TOU 359°/110 DME	185°	58
	To KEINN BC, intxn	N49 49.0	W123 43.9	YVR 316° & YWL 180°	185°	12
Q801	CYVIC, BC, intxn	N48 30.0	W124 54.7			
	To GOVAD, BC, intxn	N49 02.8	W125 42.3		301°	46
	To FINGS, BC, intxn	N50 15.0	W127 34.0		300°	102
	To SIMSU, BC, intxn	N50 46.9	W128 25.6		298°	46
	To CAFTA, BC, intxn	N51 17.7	W129 05.3		304°	40
	To Sandspit, BC, VOR/DME	N53 15.1	W131 48.4		304°	154
	To MOCHA, BC, intxn	N54 30.4	W133 01.3		313°	87
	To EEVER, BC, intxn	N54 35.0	W133 05.9		312°	5
Q802	DERLO, ON, intxn	N43 04.0	W081 05.7			
	To PEPLA, ON, intxn	N43 47.8	W080 00.9		056°	64
	To KENLU, ON, intxn	N44 19.3	W079 12.9		058°	47
	To MENKO, ON, intxn	N44 46.6	W078 48.2		044°	32
	To ROSVO, ON, intxn	N45 35.4	W077 28.8		059°	74
Q804	DERLO, ON, intxn	N43 04.0	W081 05.7			
	To PEPLA, ON, intxn	N43 47.8	W080 00.9		056°	64
	To KENLU, ON, intxn	N44 19.3	W079 12.9		058°	47
	To POLTY, QC, intxn	N45 54.0	W075 48.7		066°	173
Q806	GGUCE, ON, intxn	N42 42.4	W080 53.4			
	To BOBTA, ON, intxn	N43 48.9	W079 39.5		048°	86
	To ILUSI, ON, intxn	N44 08.8	W078 55.9		068°	37
	To PEVNI, ON, intxn	N44 38.5	W077 45.3		070°	59
	To GOTIP, ON, intxn	N44 57.9	W076 57.9		072°	39
	To TUKIR, ON, intxn	N45 15.3	W076 14.3		073°	35
	To KANUR, ON intxn	N45 25.9	W075 02.6		090°	52
	To SAVEX, ON intxn	N45 30.8	W074 27.8		092°	25
	To PUPOV, QC, intxn	N45 34.4	W072 20.3		100°	90
	To MUTIB, QC, intxn	N45 36.5	W071 52.1		098°	20
	To DAXUG, QC, intxn	N45 38.3	W071 25.8		099°	19
	To DERDO, QC, intxn	N45 40.8	W070 48.2		099°	26
	To VINDI, USA, intxn	N45 40.3	W070 31.2		108°	12
	To VIGDU, NB, intxn	N45 28.4	W067 29.7			
	To MOWND, NB, intxn	N45 22.6	W066 39.4		115°	36
	To KELNO, NS, intxn	N45 07.9	W064 11.4		113°	106
	To Halifax, NS, VOR/DME	N44 55.4	W063 24.1		127°	36
	To IGTAS, NS, intxn	N45 04.6	W062 56.9		081°	21
	To NOTOP, NS, intxn	N45 27.2	W062 00.7		077°	46
	To PERLU, NL, intxn	N47 17.4	W054 02.8		087°	349
Q807	EXDEE, AB, intxn	N53 38.6	W113 30.8			
	To TETAG, AB, intxn	N54 04.3	W114 08.0		306°	34
	To AROUK, AB, intxn	N54 16.7	W114 26.3		305°	16
	To Peace River, AB, VOR/DME	N56 12.4	W117 30.7		304°	157

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q810	EPLAN, AB, intxn	N52 32.8	W115 59.8			
	To SETGA, AB, intxn	N51 51.5	W115 13.4		129°	50
	To TOXAB, AB, intxn	N51 31.7	W114 51.7		130°	24
	To DAXIR, AB, intxn	N51 22.4	W114 41.7		131°	11
	To IPSIT, AB, intxn	N51 18.6	W114 30.6		104°	8
Q811	Can/USA bdry	N61 37.9	W141 00.1			
	To TOVAD, YT, intxn	N61 37.8	W140 58.9		088°	1
	To IGSOM, YT, intxn	N61 22.2	W139 02.4		086°	58
	To Whitehorse, YT, VOR/DME	N60 37.1	W135 08.3		091°	123
Q812	Can/USA bdry	N43 59.0	W082 12.6			
	To NOSIK, ON, intxn	N43 59.0	W082 11.9		098°	1
	To AGDOX, ON, intxn	N43 17.1	W079 06.3		115°	141
	To Can/USA bdry	N43 17.0	W079 05.1		101°	1
	To MAIRE, QC, intxn	N45 42.5	W073 07.4			
	To TAKIN, QC, intxn	N45 50.2	W072 51.1		070°	14
	To UKPAM, QC, intxn	N45 58.5	W072 33.3		070°	15
	To MISOP, QC, intxn	N46 07.7	W072 16.7		066°	15
	To IGTER, QC, intxn	N46 23.5	W071 48.1		066°	25
	To OBTEK, QC, intxn	N46 47.4	W071 17.0		057°	32
	To SIMTO, QC, intxn	N47 03.4	W070 49.8		065°	24
	To MIVAX, QC, intxn	N47 26.4	W070 09.6		065°	36
	To ANATI, QC, intxn	N47 45.4	W069 35.3		066°	30
	To Baie-Comeau, QC, VOR/DME	N49 08.0	W068 13.3		049°	99
Q813	OTLUR, MB, intxn	N49 54.6	W097 14.4			
	To POPLR, MB, intxn	N52 42.6	W097 38.4		352°	169
	To KIROD, MB, intxn	N53 57.5	W097 50.6		351°	75
	To Thompson, MB, VOR/DME	N55 48.7	W097 49.5		357°	111
Q814	ADVOX, AB, intxn	N51 34.7	W114 35.3			
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		310°	8
	To VIMBA, AB, intxn	N52 04.1	W114 30.6		003°	24
	To OLIMI, AB, intxn	N52 48.9	W114 06.6		003°	47
Q816	Can/USA bdry	N43 16.2	W082 17.1			
	To OMRAK, ON, intxn	N43 16.3	W082 15.9		097°	1
	To AGDOX, ON, intxn	N43 17.1	W079 06.3		097°	139
	To Can/USA bdry	N43 17.0	W079 05.1		101°	1
	To VIDGO, QC, intxn	N46 02.8	W074 29.8			
	To DATAB, QC, intxn	N46 27.8	W074 27.5		018°	25
	To OBRET, QC, intxn	N47 00.0	W074 24.5		018°	32
Q817	Lumsden, SK, VORTAC	N50 40.0	W104 53.4			
	To KENRU, MB, intxn	N53 58.3	W101 05.5		025°	243
Q818	Can/USA bdry	N43 01.5	W082 24.4			
	To TANKO, ON, intxn	N43 01.5	W082 23.0		095°	1
	To KITOK, ON, intxn	N43 02.5	W081 55.6		095°	20
	To DERLO, ON, intxn	N43 04.0	W081 05.7		096°	37
	To IKNAV, ON, intxn	N42 57.7	W078 58.1		102°	94
	To Can/USA bdry	N42 57.7	W078 58.0		110°	0

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q819	Peace River AB, VOR/DME	N56 12.4	W117 30.7			
	YEGGA, AB, intxn	N53 11.1	W113 52.0		128°	221
	To CAMRA, AB, intxn	N53 01.9	W112 30.5		086°	50
	To REFEX, SK, intxn	N52 42.1	W110 00.0		088°	93
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		091°	124
Q820	DERLO, ON, intxn	N43 04.0	W081 05.7			
	To ETBOX, ON, intxn	N44 31.6	W080 07.8		034°	97
	To KAPUX, ON, intxn	N45 04.8	W079 45.0		036°	37
	To Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2		033°	202
	To IGSAS, QC, intxn	N48 01.0	W071 16.2		102°	264
Q822	Can/USA bdry	N43 01.5	W082 24.4			
	To TANKO, ON, intxn	N43 01.5	W082 23.0		095°	1
	To KITOK, ON, intxn	N43 02.5	W081 55.6		095°	20
	To DERLO, ON, intxn	N43 04.0	W081 05.7		097°	90
	To DUVEP, ON, intxn	N43 06.0	W079 04.6		097°	89
	To Can/USA bdry	N43 06.0	W079 03.9		100°	1
	Can/USA bdry	N44 24.5	W067 08.3			
	To ALLEX, NB, intxn	N44 25.0	W067 00.0		102°	6
	To EBKID, NS, intxn	N44 53.4	W065 30.1		082°	70
	To SILRO, NL, intxn	N47 00.0	W058 35.0		080°	316
	To TIGOR, NL, intxn	N47 24.9	W054 06.8		099°	185
Q824	Can/USA bdry	N43 28.4	W082 10.9			
	To TAGUM, ON, intxn	N43 28.9	W082 09.8		070°	1
	To GOPUP, ON, intxn	N43 43.8	W081 33.5		069°	30
	To MENKO, ON, intxn	N44 46.6	W078 48.2		070°	134
	To ILEMU, ON, intxn	N45 15.3	W076 52.7		084°	87
	To DESKI, ON, intxn	N45 22.8	W076 20.8		084°	24
	To LETAK, ON, intxn	N45 24.1	W076 14.8		084°	4
	To SELES, ON, intxn	N45 26.5	W075 53.8		093°	15
	To Montreal, QC, VOR/DME	N45 36.9	W073 58.3		095°	82
	To OBTAX, QC, intxn	N45 41.7	W073 16.1		095°	30
	To CATOG, QC, intxn	N45 55.0	W072 53.0		065°	21
	To URVAS, QC, intxn	N46 04.5	W072 36.3		066°	15
	To APLAK, QC, intxn	N46 27.6	W071 54.6		066°	37
	To PENTU, QC, intxn	N46 33.7	W071 43.3		067°	10
Q826	ADVOX, AB, intxn	N51 34.7	W114 35.3			
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		310°	8
	To SEKAN, AB, intxn	N51 47.8	W114 50.0		310°	8
	To ANTID, AB, intxn	N52 53.0	W114 15.3		003°	69
Q827	Swift Current, SK, VOR/DME	N50 17.8	W107 41.5			
	To YOUNG, SK, intxn	N51 51.3	W105 06.4		035°	135
	To KENRU, MB, intxn	N53 58.3	W101 05.5		038°	193
	To Thompson, MB, VOR/DME	N55 48.7	W097 49.5		038°	158
	To Churchill, MB, VOR/DME	N58 44.5	W094 08.1		030°	213

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q828	BOOTH, BC, intxn	N49 31.3	W112 02.7			
	To NOVAR, BC, intxn	N50 40.4	W116 23.4		053°	229
	To RABOX, AB, intxn	N51 05.4	W111 55.7		064°	171
	To VINKO, AB, intxn	N50 57.8	W110 00.0		082°	74
	To DURUR, SK, intxn	N50 40.0	W104 53.4		081°	195
	To EMLIK, SK, intxn	N50 21.5	W102 29.9		092°	94
	To Brandon, MB, VOR/DME	N49 54.6	W099 56.7		097°	102
	To GABOV, ON, intxn	N49 28.6	W094 02.8		089°	231
	To FARID, ON, intxn	N48 36.2	W093 25.3		154°	58
Q829	ANATI, QC, intxn	N47 45.4	W069 35.3			
	To Gaspé, QC, VOR/DME	N48 45.8	W064 24.3		088°	216
Q830	AXXIS, ON, intxn	N42 49.8	W81 59.0			
	To LOPVO, ON, intxn	N42 55.0	W80 24.0		094°	70
	To BOREK, ON, intxn	N42 56.3	W79 56.9		096°	20
	To COLTS, ON, intxn	N42 57.8	W79 19.3		096°	28
Q831	DURUR, SK, intxn	N50 40.0	W104 53.4			
	To KOBID, MB, intxn	N50 25.3	W098 43.4		083°	236
	To GABOV, ON, intxn	N49 28.6	W094 02.8		102°	190
	To AGLIN, ON, intxn	N48 15.2	W089 26.2		110°	197
Q832	EBGAL, AB, intxn	N50 41.8	W113 22.3			
	To VESDO, AB, intxn	N49 58.7	W111 19.1		104°	90
	To PEMDU, SK, intxn	N49 00.2	W108 29.9		104°	125
Q833	SASUG, NS, intxn	N46 09.2	W060 03.3			
	To Gander, NL, VOR/DME	N48 54.0	W054 32.1		069°	278
Q837	EPRES, QC, intxn	N46 11.8	W075 58.4			
	To PELSU, QC, intxn	N46 53.1	W076 34.8		342°	48
	To MIXAK, QC, intxn	N47 14.5	W076 54.9		340°	26
	To Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2		340°	67
Q838	Swift Current, SK, VOR/DME	N50 17.8	W107 41.5			
	To SEFFY, SK, intxn	N51 23.4	W107 08.3		007°	69
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		008°	50
	To Prince Albert, SK, VOR/DME	N53 13.0	W105 40.0		021°	73
Q842	EBGAL, AB, intxn	N50 41.8	W113 22.3			
	To ETLEM, AB, intxn	N49 26.1	W112 53.2		152°	78
	To TOVUM, AB, intxn	N49 14.5	W112 48.9		152°	12
Q844	VIBRU, ON, intxn	N44 20.4	W076 01.3			
	To REEDO, ON, intxn	N44 42.2	W075 58.9		017°	22
	To IKLAX, ON, intxn	N44 59.6	W075 44.8		043°	20
Q845	KOBID, MB, intxn	N50 25.3	W098 43.4			
	To OTLUR, MB, intxn	N49 54.6	W097 14.4		114°	65
	To DEGVA, ON, intxn	N49 54.9	W094 55.1		086°	90
	To VESRU, ON, intxn	N49 49.9	W092 44.6		092°	85

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q846	ALLEX, NB, intxn	N44 25.0	W067 00.0			
	To VIGMA, NS, intxn	N44 20.5	W066 38.6		123°	16
	To SENVI, NS, intxn	N44 44.0	W064 09.9		093°	109
	To Halifax, NS, VOR/DME	N44 55.4	W063 24.1		088°	35
	To IGTAS, NS, intxn	N45 04.6	W062 56.9		081°	21
	To NOTOP, NS, intxn	N45 27.2	W062 00.7		077°	46
	To SILRO, NL, intxn	N47 00.0	W058 35.0		074°	170
	To TIGOR, NL, intxn	N47 24.9	W054 06.8		099°	185
Q848	Can/USA bdry	N43 43.4	W082 09.1			
	To KARIT, ON, intxn	N43 43.4	W082 08.7		093°	0
	To MENKO, ON, intxn	N44 46.6	W078 48.2		074°	157
	To ILEMU, ON, intxn	N45 15.3	W076 52.7		081°	87
	To DESKI, ON, intxn	N45 22.8	W076 20.8		084°	24
	To LETAK, ON, intxn	N45 24.1	W076 14.8		085°	4
	To KISUK, QC, intxn	N45 53.7	W074 55.1		075°	63
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		076°	20
	To LIVBA, QC, intxn	N46 14.3	W073 57.1		077°	25
	To DICEN, QC, intxn	N46 48.0	W072 17.3		078°	77
Q850	TOXAL, QC, intxn	N45 08.6	W071 34.9			
	To OMALI, QC, intxn	N45 30.7	W071 20.0		040°	25
	To VIVIL, QC, intxn	N46 09.7	W070 53.2		041°	43
	To ANATI, QC, intxn	N47 45.4	W069 35.3		044°	110
	To KISUV, QC, intxn	N48 36.7	W068 12.5		063°	76
	To TABRU, QC, intxn	N50 13.9	W066 16.4		054°	123
	To Wabush, NL, VOR/DME	N52 57.6	W066 51.2		010°	165
Q852	DICEN, QC, intxn	N46 48.0	W072 17.3			
	To MATOR, QC, intxn	N46 21.0	W073 20.3		254°	51
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		248°	30
	To MEBOK, QC, intxn	N45 48.8	W074 21.0		247°	23
	To KANUR, ON, intxn	N45 25.9	W075 02.6		247°	37
	To KEMVI, ON, intxn	N45 15.5	W075 21.6		246°	17
Q856	RUBSU, AB, intxn	N53 36.4	W113 21.3			
	To RESAX, AB, intxn	N53 56.2	W113 09.6		005°	21
	To CACHO, AB, intxn	N54 54.2	W112 34.2		006°	62
	To LETRM, AB, intxn	N55 53.8	W111 45.8		011°	66
	To Fort McMurray, AB, VOR/DME	N56 38.8	W111 07.3		012°	50
	To RIDOK, SK, intxn	N57 25.7	W106 32.2		058°	157
Q858	DULBA, NB, intxn	N46 13.2	W066 28.0			
	To IRDUV, NB, intxn	N46 16.4	W065 09.5		103°	54
	To IKURO, PE, intxn	N46 17.9	W063 07.2		105°	85
	To SASUG, NS, intxn	N46 09.2	W060 03.3		110°	128
Q860	MERYT, BC, intxn	N49 56.5	W120 57.7			
	To NADPI, BC, intxn	N51 42.9	W117 20.4		034°	174
	To ANDIE, AB, inxtn	N52 59.2	W114 23.2		038°	133

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q862	Grande Prairie, AB, VOR/DME	N53 11.1	W113 52.0			
	To ELLKS, AB, intxn	N53 16.4	W114 41.1		109°	191
	To YEGGA, AB, intxn	N53 11.1	W113 52.0		086°	30
	To OMROD, AB, intxn	N53 00.3	W113 05.6		097°	30
	To FUDGY, AB, intxn	N52 13.1	W110 00.0		098°	123
	To SEFFY, SK, intxn	N51 23.4	W107 08.3		102°	118
	To Lumsden, SK, VORTAC	N50 40.0	W104 53.4		106°	95
Q864	DERDO, QC, intxn	N45 40.8	W070 48.2			
	To EBGIX, QC, intxn	N45 43.5	W070 23.8		096°	17
	TUGUB, NB, intxn	N45 58.7	W067 46.9		097°	113
	To BEMEK, NB, intxn	N46 05.0	W066 27.2		099°	56
	To ITPAX, NB, intxn	N46 06.8	W065 09.6		105°	54
Q874	BIRKO, AB, intxn	N51 28.6	W113 15.8			
	To ILADA, AB, intxn	N51 18.6	W110 53.1		081°	90
	To SHAWI, SK, intxn	N51 14.1	W110 00.0		084°	34
Q878	ALIDO, QC, intxn	N45 44.4	W075 40.8			
	To SEMRO, QC, intxn	N46 16.7	W074 12.6		075°	69
	To NOSUT, QC, intxn	N46 21.6	W073 58.6		077°	11
	To DICEN, QC, intxn	N46 48.0	W072 17.3		083°	75
	To UDBAM, QC, intxn	N46 45.4	W071 58.9		117°	13
	To Quebec, QC, VORTAC	N46 42.3	W071 37.6		117°	15
Q882	BIRKO, AB, intxn	N51 28.6	W113 15.8			
	To DUDNI, AB, intxn	N52 14.2	W112 56.7		360°	47
	To IGVUX, AB, intxn	N52 46.2	W112 42.8		360°	33
	To CACHO, AB, intxn	N54 54.2	W112 34.2		348°	128
Q883	Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2			
	To LIBUT, QC, intxn	N49 04.4	W077 46.5		014°	54
	To DUVKI, QC, intxn	N49 43.4	W077 44.5		015°	39
	To UKSIL, QC, intxn	N53 37.5	W077 42.2		013°	234
	To TEXEX, QC, intxn	N55 16.9	W077 45.9		013°	100
Q888	BOOTH, BC, intxn	N49 31.3	W112 02.7			
	To DESNU, AB, intxn	N50 02.7	W111 11.5		065°	423
	To MEDAK, AB, intxn	N50 02.6	W110 37.0		077°	22
Q890	ROPLA, BC, intxn	N49 41.7	W114 43.6			
	To SATOV, AB, intxn	N50 05.5	W114 31.7		003°	25
	To MEKPI, AB, intxn	N50 15.0	W114 26.9		003°	10
	To UKRAL, AB, intxn	N50 24.5	W114 22.0		003°	10
	To DUMRA, AB, intxn	N50 38.7	W114 14.7		003°	15
Q894	BOOTH, BC, intxn	N49 31.3	W112 02.7			
	To BINVO, BC, intxn	N50 45.5	W116 28.1		052°	228
	To SIMTA, BC, intxn	N51 02.5	W114 47.4		059°	66
	To BOTAG, AB, intxn	N51 04.2	W114 36.5		061°	7
Q896	Lethbridge, AB, VOR/DME	N49 38.1	W112 40.1			
	To BORIX, SK, intxn	N51 53.6	W110 00.0		023°	169
	To MEETO, SK, intxn	N53 35.6	W107 21.4		030°	140

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q901	SEDOG, ON, intxn	N44 00.6	W079 35.1			
	To TANGI, ON, intxn	N44 23.1	W079 24.1		030°	24
	To UDMUG, ON, intxn	N44 52.9	W078 58.9		042°	35
	To ROSVO, ON, intxn	N45 35.4	W077 28.8		067°	77
Q902	Can/USA bdry	N59 17.5	W136 28.3			
	To IGSOM, YT, intxn	N61 22.2	W139 02.4		311°	147
	To AYZOL, AK, intxn	N62 28.3	W141 00.0		302°	86
Q903	IKNAR, QC, intxn	N47 11.6	W074 09.5			
	To NOSUT, QC, intxn	N46 21.6	W073 58.6		186°	51
	To LIVBA, QC, intxn	N46 14.3	W073 57.1		186°	7
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		186°	12
	To DUNUP, QC, intxn	N45 17.6	W073 35.4		178°	47
Q904	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To OTONA, ON, intxn	N45 37.0	W077 50.0		134°	80
	To ROSVO, ON, intxn	N45 35.4	W077 28.8		108°	15
	To AGNEX, ON, intxn	N45 33.6	W077 05.2		108°	17
	To OLIGO, ON, intxn	N45 29.4	W076 15.0		109°	35
Q905	Can/USA bdry	N43 19.2	W082 15.6			
	To DASIR, ON, inxtn	N43 19.3	W082 14.9		088°	1
	To SIKBO, ON, intxn	N43 39.2	W079 21.0		088°	128
	To TALEB, ON, intxn	N44 01.0	W078 23.3		073°	47
	To BOMET, ON, intxn	N44 10.2	W077 59.0		073°	20
	To SENLU, ON, intxn	N44 19.5	W077 34.4		074°	20
	To IPTOS, ON, intxn	N44 55.3	W076 13.4		070°	68
	To VERTI, ON, intxn	N45 15.0	W074 50.5		084°	62
	To AGLUK, QC, intxn	N46 12.6	W073 22.2		060°	85
	To SOKYE, QC, intxn	N46 21.5	W072 51.1		082°	23
	To PESAC, QC, intxn	N46 32.9	W072 11.2		083°	30
Q906	KENRU, MB, intxn	N53 58.3	W101 05.5			
	To OTLUR, MB, intxn	N49 54.6	W097 14.4		142°	283
	To OMVEG, ON, intxn	N50 06.8	W091 54.3		082°	207
Q907	GADAV, ON, intxn	N42 42.5	W082 29.4			
	To DERLO, ON, intxn	N43 04.0	W081 05.7		078°	65
	To SIKBO, ON, intxn	N43 39.2	W079 21.0		074°	84
	To AGNOB, ON, intxn	N44 12.1	W077 30.1		077°	87
	To LORKA, ON, intxn	N44 46.1	W076 13.0		069°	65
	To ADVIK, ON, intxn	N45 08.1	W074 46.6		082°	65
	To ATENE, QC, intxn	N46 14.3	W070 15.5		082°	201
	IMAMA, NB, intxn	N46 44.2	W067 47.3			
	To MIILS, NB, intxn	N46 52.4	W067 02.9		091°	32
	To SATIP, QC intxn	N47 25.5	W061 46.7		096°	218
	To MIVAD, NL, intxn	N47 40.8	W054 09.1		102°	310
Q908	TAGOT, SK, intxn	N52 10.9	W106 43.2			
	To ELTAX, SK, intxn	N51 57.4	W105 35.7		097°	44
	To YOUNG, SK, intxn	N51 51.3	W105 06.4		099°	19
	To MUTUR, SK, intxn	N51 15.9	W102 27.7		100°	105
	To KOBID, MB, intxn	N50 25.3	W098 43.4		101°	151
	To VESRU, ON, intxn	N49 49.9	W092 44.6		092°	233
	To FELTN, ON, intxn	N48 39.9	W089 05.6		116°	160

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q909	NOSIV, AB, intxn	N50 54.4	W113 17.5			
	To DESNU, AB, intxn	N50 02.7	W111 11.5		108°	96
	To PEMDU, SK, intxn	N49 00.2	W108 29.9		107°	122
Q910	GADAL, QC, intxn	N47 05.8	W071 04.7			
	To KESLU, QC, intxn	N47 29.9	W070 29.2		060°	34
	To Baie-Comeau, QC, VOR/DME	N49 08.0	W068 13.3		058°	134
	To TABRU, QC, intxn	N50 13.9	W066 16.4		065°	101
	To Natash, QC, VOR/DME	N50 11.0	W061 46.9		107°	173
Q911	TAGET, QC, intxn	N46 53.0	W075 49.2			
	To IKMOL, QC, intxn	N46 41.6	W075 30.7		146°	17
	To OLASI, QC, intxn	N46 19.8	W074 56.2		146°	32
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		147°	25
	To EMPEK, QC, intxn	N45 55.0	W074 20.7		155°	10
	To SATOT, QC, intxn	N45 50.5	W074 15.5		155°	6
	To PIGNA, QC, intxn	N45 45.2	W074 09.3		155°	7
Q913	DERLO, ON, intxn	N43 04.0	W081 05.7			
	To DEDKI, ON, intxn	N43 41.4	W078 43.1		079°	111
	To IGSEB, ON, intxn	N43 54.3	W077 19.8		089°	62
	To RAKAM, ON, intxn	N44 01.3	W076 29.7		091°	37
Q915	DATNO, BC, intxn	N50 03.9	W116 08.6			
	To SAVEL, AB, intxn	N56 40.0	W111 17.2		007°	433
	To IKLIX, SK, intxn	N59 33.3	W108 31.1		011°	195
Q916	TAGOT, SK, intxn	N52 10.9	W106 43.2			
	To KENRU, MB, intxn	N53 58.3	W101 05.5		050°	230
	To Lynn Lake, MB, VOR/DME	N56 51.8	W101 04.5		354°	174
Q917	Can/USA bdry	N46 18.9	W084 07.1			
	To ULUTO, ON, intxn	N46 18.3	W084 05.7		133°	1
	To MUSIT, ON, intxn	N45 23.8	W082 25.2		135°	89
	To DUTEL, ON, intxn	N44 40.0	W081 17.8		141°	65
	To PEPLA, ON, intxn	N43 47.8	W080 00.9		142°	76
	To PIKSA, ON, intxn	N43 07.7	W079 04.4		144°	57
	To Can/USA bdry	N43 07.4	W079 03.9		145°	1

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q919	La Ronge, SK, VOR/DME	N55 09.5	W105 16.0			
	To POLLE, SK, intxn	N54 46.5	W103 50.0		105°	55
	To KENRU, MB, intxn	N53 58.3	W101 05.5		107°	108
	To POPLR, MB, intxn	N52 42.6	W097 38.4		114°	145
	To KAIIN, MB, intxn	N52 20.4	W096 42.7		120°	41
	To KALLU, ON, intxn	N51 35.5	W094 55.8		121°	80
	To Red Lake, ON, VOR/DME	N51 04.3	W093 45.7		124°	54
	To RIONA, ON, intxn	N50 28.0	W092 33.9		128°	58
	To OMVEG, ON, intxn	N50 06.8	W091 54.3		131°	33
	To OVORA, ON, intxn	N48 44.6	W086 19.7		110°	233
	To MEBSI, ON, intxn	N48 35.6	W085 31.9		112°	33
	To DASUG, ON, intxn	N47 34.4	W080 49.3		113°	199
	To NAGNO, QC, intxn	N46 42.2	W077 28.5		120°	147
	To BEMOG, QC, intxn	N46 09.0	W075 34.4		125°	85
	To UDGAK, QC, intxn	N46 06.3	W075 05.4		111°	20
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		112°	25
Q921	TALEB, ON, intxn	N44 01.0	W078 23.3			
	To BOMET, ON, intxn	N44 10.2	W077 59.0		073°	20
	To NOPOT, ON, intxn	N44 17.3	W077 32.9		081°	20
	To TIGET, ON, intxn	N44 23.4	W077 09.7		081°	18
	To IPTOS, ON, intxn	N44 55.3	W076 13.4		063°	51
	To VERTI, ON, intxn	N45 15.0	W074 50.5		084°	62
	To AGLUK, QC, intxn	N46 12.6	W073 22.2		060°	85
	To NOVID, QC, intxn	N46 15.1	W073 13.4		082°	7
	To SOKYE, QC, intxn	N46 21.5	W072 51.1		082°	17
	To KETRU, QC, intxn	N46 27.2	W072 31.3		082°	15
	To PESAC, QC, intxn	N46 32.9	W072 11.2		083°	15
Q922	TAGOT, SK, intxn	N52 10.9	W106 43.2			
	To AMENU, MB, intxn	N51 06.1	W100 03.2		092°	257
	To VESRU, ON, intxn	N49 49.9	W092 44.6		097°	290
	To BESEL, ON, intxn	N47 58.0	W084 47.2		107°	334
Q923	Can/USA bdry	N43 43.1	W082 09.0			
	To KARIT, ON, intxn	N43 43.4	W082 08.7		051°	0
	To DUTEL, ON, intxn	N44 40.0	W081 17.8		041°	67
	To Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2		043°	255
Q925	Grande Prairie, AB, VOR/DME	N55 10.5	W119 01.8			
	To KODIT, AB, intxn	N52 37.8	W115 47.5		124°	191
	To MATIR, AB, intxn	N52 00.9	W115 04.8		129°	45
	To ALSIV, AB, intxn	N51 54.4	W114 57.3		130°	8
	To SEKAN, AB, intxn	N51 47.8	W114 50.0		130°	8
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		130°	8
	To ADVOX, AB, intxn	N51 34.7	W114 35.3		130°	8
Q927	SEKOM, AB, intxn	N49 38.1	W113 35.2			
	To UBVAL, AB, intxn	N50 37.7	W113 53.1		335°	61
Q929	TALNO, QC, intxn	N44 59.6	W074 21.6			
	To EPTUL, QC, intxn	N45 04.6	W073 54.4		088°	20
	To EBDOT, QC, intxn	N45 05.4	W073 34.0		100°	15
	To TOXAL, QC, intxn	N45 08.6	W071 34.9		101°	84

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q931	IPTAN, AB, intxn	N49 37.1	W114 08.4			
	To OTARA, AB, intxn	N50 37.4	W114 03.6		348°	60
Q933	AVROM, AB, intxn	N51 28.9	W113 47.8			
	To OBTAD, AB, intxn	N51 35.8	W113 45.2		359°	7
	To MAPUX, AB, intxn	N52 45.0	W113 18.5		358°	71
Q935	Can/USA bdry	N43 16.2	W082 17.1			
	To OMRAK, ON, intxn	N43 16.3	W082 15.9		097°	1
	To DERLO, ON, intxn	N43 04.0	W081 05.7		111°	53
	To IKNAV, ON, intxn	N42 57.7	W078 58.1		102°	94
	To Can/USA bdry	N42 57.7	W078 58.0		110°	0
Q937	DEDKI, ON, intxn	N43 41.4	W078 43.1			
	To TULEG, ON, intxn	N43 43.9	W076 43.2		099°	87
Q940	KOBID, MB, intxn	N50 25.3	W098 43.4			
	To OMVEG, ON, intxn	N50 06.8	W091 54.3		087°	263
Q941	TAKOL, QC, intxn	N45 39.0	W075 11.9			
	To IPSAK, QC, intxn	N45 45.4	W074 51.5		080°	16
	To BOKLU, QC intxn	N45 50.4	W074 35.7		080°	12
	To EMPEK, QC intxn	N45 55.0	W074 20.7		080°	11
	To ESTEL, QC, intxn	N45 57.9	W074 11.0		081°	7
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		081°	12
	To AGLUK, QC, intxn	N46 12.6	W073 22.2		081°	25
Q947	AVVON, ON, intxn	N45 10.1	W075 02.3			
	To VIKNO, ON, intxn	N45 15.5	W074 36.9		086°	19
	To LAFIT, QC, intxn	N45 18.5	W074 23.0		087°	10
	To PUXER, QC, intxn	N45 24.0	W072 51.3		098°	65
	To PUSOD, QC, intxn	N45 30.1	W071 29.7		098°	58
	To OMALI, QC, intxn	N45 30.7	W071 20.0		100°	7
Q949	VIDRI, BC, intxn	N50 13.6	W121 30.0			
	To ROMRA, BC, intxn	N52 02.8	W117 39.2		035°	182
	To URPUX, AB intxn	N52 39.9	W116 12.0		038°	65
	To ELLKS, AB, intxn	N53 16.4	W114 41.1		039°	66

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q951	GADAV, ON, intxn	N42 42.5	W082 29.4			
	To DERLO, ON, intxn	N43 04.0	W081 05.7		078°	65
	To SIKBO, ON, intxn	N43 39.2	W079 21.0		074°	84
	To SANIN, ON, intxn	N44 04.7	W077 25.9		083°	87
	To OLABA, ON, intxn	N44 28.6	W076 12.2		077°	58
	To ALONI, ON, intxn	N44 38.9	W075 39.2		078°	26
	To KATEK, ON, intxn	N44 40.8	W075 32.4		082°	5
	TALNO, QC, intxn	N44 59.6	W074 21.6			
	To EPTUL, QC, intxn	N45 04.6	W073 54.4		088°	20
	To RABIK, QC, intxn	N45 17.9	W072 36.6		089°	56
	To MOBAL, QC, intxn	N45 20.3	W071 51.8		100°	32
	To ANTOV, QC, intxn	N45 25.7	W071 01.4		096°	36
	To KERVO, QC, intxn	N45 26.7	W070 39.0		101°	16
	DANOL, NB, intxn	N45 41.8	W067 48.2			
	To PUXOP, NB, intxn	N45 56.7	W066 26.4		091°	59
	To EMLOB, NB, intxn	N45 59.0	W066 09.6		095°	12
	To OMVEV, NB, intxn	N46 02.0	W065 47.2		095°	16
	To ITPAX, NB, intxn	N46 06.8	W065 09.6		096°	27
	To EBDAD, NB, intxn	N46 07.0	W064 40.7		106°	20
	To IKURO, PE, intxn	N46 17.9	W063 07.2		097°	66
	To SILRO, NL, intxn	N47 00.0	W058 35.0		093°	192
	To Torbay, NL, VOR/DME	N47 29.1	W052 51.1		096°	23
Q953	ANTAK, BC, intxn	N49 21.0	W115 51.5			
	To SIGPA, BC, intxn	N50 07.0	W115 11.4		014°	53
	To TULOB, AB, intxn	N50 35.6	W114 45.8		015°	33
	To IGVEP, AB, intxn	N50 42.5	W114 39.5		015°	8
Q955	MIGLO, ON, intxn	N44 38.2	W076 12.6			
	To REEDO, ON, intxn	N44 42.2	W075 58.9		080°	11
	To IGVUD, ON, intxn	N44 50.4	W075 28.1		082°	23
	To EPMOK, ON, intxn	N44 59.1	W074 57.1		082°	24
	To ARVIE, ON, intxn	N45 07.1	W074 37.1		074°	16
	To HABBS, ON, intxn	N45 12.3	W074 25.0		072°	10
	To COMAU, QC, intxn	N45 21.6	W074 03.4		073°	18
	To MITIG, QC, intxn	N45 27.5	W073 55.8		057°	8
Q957	VOBUK, AB, intxn	N49 43.0	W113 12.0			
	To GADKI, AB, intxn	N50 39.8	W113 41.4		328°	60
	To RIGAD, AB, intxn	N51 43.2	W114 22.9		324°	69
	To UKRAM, AB, intxn	N52 46.1	W113 56.4		360°	65
Q959	WAINN, AB, intxn	N53 02.0	W110 50.0			
	To MEETO, SK, intxn	N53 35.6	W107 21.4		061°	129
	To SEDUR, SK, intxn	N54 06.8	W106 41.1		026°	39
	To La Ronge, SK, VOR/DME	N55 09.5	W105 16.0		027°	80
Q961	LOMLO, AB, intxn	N51 04.2	W113 23.2			
	To PERTU, AB, intxn	N51 03.6	W113 13.1		081°	6
	To TULOV, AB, intxn	N50 55.6	W111 28.5		082°	67
	To DAPOP, AB, intxn	N50 52.5	W110 00.0		079°	56

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q963	YEGGA, AB, intxn	N53 11.1	W113 52.0			
	To MOOTO, AB, intxn	N53 52.7	W113 42.1		354°	42
	To LERUP, AB, intxn	N53 57.6	W113 40.9		354°	5
	To CALLY, AB, intxn	N55 07.9	W113 23.4		354°	71
	To SELUM, AB, intxn	N55 31.1	W112 50.1		025°	30
	To ALGAR, AB, intxn	N56 00.9	W112 05.8		026°	39
	Fort McMurray, AB, VOR/DME	N56 38.8	W111 07.3		027°	50
	To TULAG, SK, intxn	N56 41.9	W107 53.4		074°	107
	To PETMA, SK, intxn	N56 05.6	W106 03.1		109°	71
	To La Ronge, SK, VOR/DME	N55 09.5	W105 16.0		144°	62
Q965	SAXOL, AB, intxn	N51 28.0	W113 38.0			
	To PEPGO, AB, intxn	N51 33.5	W113 36.0		358°	6
	To RODKU, AB, intxn	N52 06.7	W113 23.6		358°	34
	To ALKIK, AB, intxn	N52 47.6	W113 07.7		359°	42
Q967	VETBI, AB, intxn	N51 12.1	W113 25.4			
	To SESDA, AB, intxn	N51 11.3	W113 13.1		082°	8
	To RABOX, AB, intxn	N51 05.4	W111 55.7		082°	49
	To GUDOG, AB, intxn	N51 31.0	W110 00.0		056°	77
	To IMOTA, SK, intxn	N51 55.0	W108 0.00		058°	78
Q969	DUXAR, BC, intxn	N56 46.3	W129 25.7			
	To MUXAT, BC, intxn	N57 38.4	W130 34.9		306°	64
	To MITOM, BC, intxn	N58 19.2	W131 32.0		305°	51
	To BOTAD, BC, intxn	N58 38.2	W131 59.6		304°	24
	To AXUBI, BC, intxn	N59 04.3	W132 38.6		304°	33
	To GOROV, BC, intxn	N59 18.4	W133 00.0		303°	18
	To IRGIP, YT, intxn	N60 02.7	W134 10.5		303°	57
	To Whitehorse, YT, VOR/DME	N60 37.1	W135 08.3		302°	45
Q971	NUBEG, AB, intxn	N54 16.9	W113 59.1			
	To WAINN, AB, intxn	N53 02.0	W110 50.0		108°	135
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		095°	159
	To DURUR, SK, intxn	N50 40.0	W104 53.4		132°	114
Q979	LOMLO, AB, intxn	N51 04.2	W113 23.2			
	To PERTU, AB, intxn	N51 03.6	W113 13.1		081°	6
	To TULOV, AB, intxn	N50 55.6	W111 28.5		082°	67
	To IMOTA, SK, intxn	N51 55.0	W108 00.0		051°	143
Q983	CILLI, BC, intxn	N49 03.8	W121 23.7			
	To MENBO, BC, intxn	N50 23.4	W116 08.4		050°	219
	To NORET, BC, intxn	N50 32.4	W115 27.2		055°	28
	To PIBSO, BC, intxn	N50 34.9	W115 15.3		056°	8
	To AMITO, AB, intxn	N50 37.5	W115 03.4		056°	8
	To SEDEL, AB, intxn	N50 40.0	W114 51.4		057°	8
	To IGVEP, AB, intxn	N50 42.5	W114 39.5		057°	8
Q991	VETBI, AB, intxn	N51 12.1	W113 25.4			
	To SESDA, AB, intxn	N51 11.3	W113 13.1		082°	8
	To RABOX, AB, intxn	N51 05.4	W111 55.7		082°	49
	To LIBOS, SK, intxn	N50 48.8	W109 00.0		084°	112
Q995	BITGA, AB, intxn	N51 29.5	W113 58.4			
	To MIREK, AB, intxn	N51 37.2	W113 55.8		357°	8
	To OILRS, AB, intxn	N52 37.5	W113 31.2		359°	62

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
Q997	KESKA, QC, intxn	N45 36.9	W074 08.8			
	To BIPKO, QC, intxn	N45 43.4	W074 21.7		320°	11
	To BOKLU, QC, intxn	N45 50.4	W074 35.7		319°	12
	To KISUK, QC, intxn	N45 53.7	W074 55.1		298°	14
	To SASID, QC, intxn	N46 02.0	W075 45.0		297°	36
	To EPRES, QC, intxn	N46 11.8	W075 58.4		329°	14
	To JUNIS, QC, intxn	N46 47.3	W076 48.1		329°	49
	To REZIN, QC, intxn	N47 43.6	W078 13.9		327°	81
	To EBDOG, QC, intxn	N47 59.5	W078 38.9		325°	23
	To Rouyn, QC, NDB	N48 10.4	W078 56.3		325°	16
T407	ZOMTA, MB, intxn	N49 00.0	W097 07.9			
	To Winnipeg, MB, VORTAC	N49 55.7	W097 14.4		353°	56
T601	SASUG, NS, intxn	N46 09.2	W060 03.3			
	To Gander NL, VOR	N48 54.0	W054 32.1		069°	278
T602	BOOTH, BC, intxn	N49 31.3	W112 02.7			
	To ALVOL, BC, intxn	N49 51.0	W120 35.4		053°	60
	To NOVAR, BC, intxn	N50 40.4	W116 23.4		055°	169
	To ITRIT, AB, intxn	N50 51.1	W115 20.1		059°	42
	To OTVAD, AB, intxn	N50 54.8	W114 57.2		060°	15
	To UKSAP, AB, intxn	N50 56.7	W114 44.9		061°	8
	To ROVMA, AB, intxn	N50 58.5	W114 33.5		061°	7
T603	GADAL, QC, intxn	N47 05.8	W071 04.7			
	To KESLU, QC, intxn	N47 29.9	W070 29.2		060°	34
	To Baie-Comeau, QC, VOR/DME	N49 08.0	W068 13.3		058°	134
	To TABRU, QC, intxn	N50 13.9	W066 16.4		065°	101
T604	Wabush, NL VOR	N52 57.6	W066 51.2	NAVAID		
	To PEKRO, NL intxn	N53 09.4	W064 06.2	YZV 044° & YWK 101°	108°	100
	To Goose, NL VOR	N53 19.2	W060 17.7	NAVAID	109°	138
T606	Williams Lake BC, VOR	N52 14.2	W122 10.2	NAVAID		
	To HEIRE BC, intxn	N50 54.0	W123 03.9	YWL 180°/87 DME	186°	87
	To ELIDI BC, intxn	N50 00.4	W123 36.9	TOU 359°/110 DME	185°	58
	To KEINN BC, intxn	N49 49.0	W123 43.9	YVR 316° & YWL 180°	185°	12
T608	Can/USA bdry	N43 10.6	W082 19.9			
	To KATNO, ON, intxn	N43 10.6	W082 19.5		115°	0
	To BOSEP, ON, intxn	N43 06.3	W082 00.5		115°	15
	To HAVOK, ON, intxn	N43 01.3	W081 36.2		114°	19
	To DERLO, ON, intxn	N43 04.0	W081 05.7		092°	23
	To BIMRO, ON, intxn	N43 01.7	W080 19.0		103°	34
	To UKNIX, ON, intxn	N42 56.7	W078 55.1		104°	62
T609	NAGLI, BC, intxn	N49 03.3	W125 56.9			
	To ROLBU, BC, intxn	N48 53.0	W125 21.8		097°	25
	To SEGEX, BC, intxn	N48 55.1	W124 59.3		065°	15
	To VIBGA, BC, intxn	N48 55.8	W124 51.5		066°	5
	To DASMU, BC, intxn	N48 57.3	W124 34.6		066°	11
	To NOXAG, BC, intxn	N49 02.4	W123 34.3		067°	40
T610	BOOPY BC, intxn	N50 06.0	W124 35.5		073°	141
	GABIN BC, intxn	N49 56.7	W120 57.9		073°	141

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T611	SENSA, BC, intxn	N49 23.2	W121 25.5			
	To VOLOX, BC, intxn	N50 41.0	W120 20.1		012°	89
T612	IKURO, PE, intxn	N46 17.9	W063 07.2			
	To UMETI, NL, intxn	N47 34.8	W059 15.5		080°	176
	To Gander, NL, VOR/DME	N48 54.0	W054 32.1		083°	205
T614	DERLO, ON, intxn	N43 04.0	W081 05.7			
	To NUBER, ON, intxn	N43 27.5	W080 22.7		062°	39
	To BOLMO, ON, intxn	N43 54.6	W080 03.2		037°	31
	To IKLEN, ON, intxn	N44 03.4	W079 40.8		072°	18
	To MENTI, ON, intxn	N44 03.7	W079 35.9		095°	4
	To ILUSI, ON, intxn	N44 08.8	W078 55.9		090°	29
	To PEVNI, ON, intxn	N44 38.5	W077 45.3		070°	59
	To GOTIP, ON, intxn	N44 57.9	W076 57.9		072°	39
	To TUKIR, ON, intxn	N45 15.1	W076 14.3		073°	35
	To KANUR, ON intxn	N45 25.9	W075 02.6		090°	52
	To SAVEX, ON intxn	N45 30.8	W074 27.8		092°	25
	To PUPOV, QC, intxn	N45 34.4	W072 20.3		101°	90
	To MUTIB, QC, intxn	N45 36.5	W071 52.1		098°	20
	To DAXUG, QC, intxn	N45 38.3	W071 25.8		099°	19
	To DERDO, QC, intxn	N45 40.8	W070 48.2		099°	26
	To VINDI, QC, intxn	N45 40.3	W070 31.2		108°	12
T615	DUTEG, ON, intxn	N48 46.4	W091 38.3			
	To VESRU, ON, intxn	N49 49.9	W092 44.6		328°	77
	To ITBIN, ON, intxn	N51 04.0	W093 47.6		333°	84
T616	Can/USA bdry	N43 24.9	W082 12.7			
	To RAKAP, ON, intxn	N43 25.1	W082 12.1		076°	1
	To LEPOS, ON, intxn	N43 35.0	W081 38.8		076°	26
	To REVUD, ON, intxn	N43 49.4	W080 49.6		077°	38
	To VITOV, ON, intxn	N43 55.6	W080 29.2		077°	16
	To AGDUT, ON, intxn	N44 00.5	W080 12.8		077°	13
	To TONNY, ON, intxn	N44 11.1	W079 43.4		073°	24
	To KENLU, ON, intxn	N44 19.3	W079 12.9		080°	23
	To DUGBU, ON, intxn	N45 07.0	W077 03.8		073°	104
	To DESKI, ON, intxn	N45 22.8	W076 20.8		075°	34
	To LETAK, ON, intxn	N45 24.1	W076 14.8		084°	4
	To SELES, ON, intxn	N45 26.5	W075 53.8		093°	15
	To Montreal, QC, VOR/DME	N45 36.9	W073 58.3		095°	82
	To OBTAX, QC, intxn	N45 41.7	W073 16.1		095°	30
	To CATOG, QC, intxn	N45 55.0	W072 53.0		065°	21
	To URVAS, QC, intxn	N46 04.5	W072 36.3		066°	15
	To APLAK, QC, intxn	N46 27.6	W071 54.6		066°	37
	To PENTU, QC, intxn	N46 33.7	W071 43.3		067°	10
T617	KEDEM, SK, intxn	N55 09.1	W105 16.0			
	To DUSMO, MB, intxn	N54 40.7	W101 40.9		092°	127
T618	Victoria BC, VOR	N48 43.6	W123 29.1	NAVAID	356°	217
	To Williams Lake BC, VOR	N51 14.2	W122 10.1	NAVAID	356°	217

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T620	OMSIK, BC, intxn	N50 05.6	W115 10.6			
	To NUGAR, BC, intxn	N50 10.3	W114 49.0		056°	15
	To MEKPI, AB, intxn	N50 15.0	W114 26.9		057°	15
	To UKRAL, AB, intxn	N50 24.5	W114 22.0		003°	10
	To DUMRA, AB, intxn	N50 38.7	W114 14.7		003°	15
T622	BIRKO, AB, intxn	N51 28.6	W113 15.8			
	To BORIX, AB, intxn	N51 53.6	W110 00.0		063°	124
	To OVATA, SK, intxn	N52 06.0	W108 00.0		067°	75
T624	VIDGO, QC, intxn	N46 02.8	W074 29.8			
	To DATAB, QC, intxn	N46 27.8	W074 27.5		018°	25
	To OBRET, QC, intxn	N47 00.0	W074 24.5		018°	32
T628	Lethbridge, AB, VOR/DME	N49 38.1	W112 40.1			
	To Swift Current, SK, VOR/DME	N50 17.8	W107 41.5		063°	197
T629	COGLE BC, intxn	N49 04.6	W122 33.9		346°	190
	To Williams Lake BC, VOR	N51 14.2	W122 10.1	NAVAID	346°	190
T634	IKLAX, ON, intxn	N44 59.6	W075 44.8			
	To REEDO, ON, intxn	N44 42.2	W075 58.9		223°	20
	To VIBRU, ON, intxn	N44 20.4	W076 01.3		197°	22
T636	DICEN, QC, intxn	N46 48.0	W072 17.3			
	To MATOR, QC, intxn	N46 21.0	W073 20.3		254°	51
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		248°	30
	To KANUR, ON, intxn	N45 25.9	W075 02.6		247°	60
	To KEMVI, ON, intxn	N45 15.5	W075 21.6		246°	17
T639	EXDEE, AB, intxn	N53 38.6	W113 30.8			
	To TETAG, AB, intxn	N54 04.3	W114 08.0		306°	34
	To AROUK, AB, intxn	N54 16.7	W114 26.3		305°	16
	To Peace River, AB, VOR/DME	N56 12.4	W117 30.7		304°	157
T644	BIRKO, AB, intxn	N51 28.6	W113 15.8			
	To ILADA, AB, intxn	N51 18.6	W110 53.1		081°	90
	To SHAWI, SK, intxn	N51 14.1	W110 00.0		084°	34
T645	NANOO, BC, intxn	N49 15.9	W124 14.7			
	To Comox, BC, VORTAC	N49 42.7	W124 53.7		301°	37
	To Campbell River, BC, NDB	N50 00.4	W125 21.5		298°	25
	To KELSY, BC, intxn	N50 27.3	W126 04.0		298°	39
T646	Cranbook, BC, VOR/DME	N49 33.3	W116 05.3			
	To PNASK, BC, intxn	N49 45.4	W119 58.1		019°	28
	To WTMAN, BC, intxn	N50 15.2	W119 25.2		020°	37
	To HUMEK, BC, intxn	N50 21.3	W119 18.3		020°	8
	To ENDBY, BC, intxn	N50 40.7	W118 56.3		020°	24
	To ATHUR, BC, intxn	N50 00.6	W117 12.3		105°	78
	To Princeton, BC, VOR/DME	N49 22.9	W120 22.4		107°	51

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T647	Can/USA bdry	N48 36.3	W093 23.1			
	To IRKES, ON, intxn	N48 37.3	W093 22.6		019°	1
	To VESRU, ON, intxn	N49 49.9	W092 44.6		019°	77
	To OMVEG, ON, intxn	N50 06.8	W091 54.3		063°	36
T649	KESKA, QC, intxn	N45 36.9	W074 08.8			
	To BIPKO, QC, intxn	N45 43.4	W074 21.7		320°	11
	To BOKLU, QC, intxn	N45 50.4	W074 35.7		319°	12
	To KISUK, QC, intxn	N45 53.7	W074 55.1		298°	14
	To SASID, QC, intxn	N46 02.0	W075 45.0		297°	36
	To EPRES, QC, intxn	N46 11.8	W075 58.4		329°	14
	To JUNIS, QC, intxn	N46 47.3	W076 48.1		329°	49
	To REZIN, QC, intxn	N47 43.6	W078 13.9		327°	81
	To EBDOG, QC, intxn	N47 59.5	W078 38.9		325°	23
	To Rouyn, QC, NDB	N48 10.4	W078 56.3		325°	16
T650	BOOTH, BC, intxn	N49 31.3	W122 02.7			
	To VOLOX, BC, intxn	N50 41.0	W120 20.1		027°	96
	To STUMM, BC, intxn	N50 21.2	W119 50.9		121°	27
	To Kelowna, BC, NDB	N50 03.7	W119 25.0		121°	24
T652	ADVOX, AB, intxn	N51 34.7	W114 35.3			
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		310°	8
	To SEKAN, AB, intxn	N51 47.8	W114 50.0		310°	8
	To ANTID, AB, intxn	N52 53.0	W114 15.3		003°	69
T654	IGSUB, ON, intxn	N47 41.7	W079 50.9			
	To MEPKA, QC, intxn	N48 12.4	W078 50.1		064°	51
T656	SASOB, ON, intxn	N49 24.7	W082 28.2			
	To KEBMA, ON, intxn	N48 34.2	W081 22.6		149°	66
	To FRALK, ON, intxn	N46 55.6	W080 53.0		179°	101
	To BUDAG, ON, intxn	N46 37.5	W080 47.9		179°	18
T660	ALIDO, QC, intxn	N45 44.4	W075 40.8			
	To SEMRO, QC, intxn	N46 16.7	W074 12.6		075°	69
	To NOSUT, QC, intxn	N46 21.6	W073 58.6		077°	11
	To DICEN, QC, intxn	N46 48.0	W072 17.3		083°	75
	To UDBAM, QC, intxn	N46 45.4	W071 58.9		117°	13
	To Quebec, QC, VORTAC	N46 42.3	W071 37.6		117°	15
	To FLEUR, QC, intxn	N46 59.3	W070 27.8		085°	51
	To ANATI, QC, intxn	N47 45.4	W069 35.3		053°	58
	To MODAS, QC, intxn	N48 17.8	W068 43.6		063°	48
	To EPMAL, QC, intxn	N48 22.6	W068 35.9		064°	7
	To KISUV, QC, intxn	N48 36.7	W068 12.5		064°	21
	To BUBIX, QC, intxn	N49 19.7	W067 22.5		054°	54
	To TABRU, QC, intxn	N50 13.9	W066 16.4		055°	69
	To Wabush, NL, VOR/DME	N52 57.6	W066 51.2		010°	165

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T662	Montreal, QC, VOR	N45 36.9	W073 58.3			
	To MAIRE, QC, intxn	N45 42.5	W073 07.4		095°	36
	To OKOPO, QC, intxn	N45 43.5	W072 57.7		096°	7
	To OMBRE, QC, intxn	N45 44.8	W072 45.7		096°	8
	To SILVI, QC, intxn	N45 47.0	W072 22.9		097°	16
	To VIKBU, QC, intxn	N45 49.0	W072 02.5		097°	14
	To ILERO, QC, intxn	N45 52.2	W071 29.0		097°	24
	To ODBOS, QC, intxn	N45 55.5	W070 50.8		098°	27
	To DEPRI, QC, intxn	N45 57.2	W070 15.4		101°	25
T663	AGNEX, ON, intxn	N45 33.6	W077 05.2			
	To Pembroke, ON, NDB	N45 48.2	W077 13.1		351°	16
T664	Sandspit, BC, VOR/DME	N53 15.1	W131 48.4			
	To Prince Rupert, BC, NDB	N54 15.8	W130 25.4		021°	78
	To ITKET, BC, intxn	N54 28.1	W128 34.7		060°	66
	To NUGUV, BC, intxn	N54 44.8	W127 06.5		053°	54
T672	Halifax, NS, VOR/DME	N44 55.4	W063 24.1			
	To IGTAS, NS, intxn	N45 04.6	W062 56.9		080°	21
	To NOTOP, NS, intxn	N45 27.2	W062 00.7		077°	46
	To PERLU, NL, intxn	N47 17.4	W054 02.8		086°	349
T674	BOXON, BC, intxn	N49 26.8	W117 34.5			
	WHATS, BC, intxn	N49 58.0	W118 16.3		304°	41
	ENDBY, BC, intxn	N50 40.7	W118 56.3		314°	50
T675	KEBMO, ON, intxn	N49 47.3	W094 21.8			
	VESRU, ON, intxn	N49 49.9	W092 44.6		087°	63
	AGLIN, ON, intxn	N48 15.2	W089 26.2		126°	161
	Can/USA bdry	N48 13.2	W088 44.3		097°	28
	Can/USA bdry	N48 11.0	W088 03.6		099°	27
	NUBAM, ON, intxn	N47 57.0	W084 49.4		100°	131
	Can/USA bdry	N46 30.5	W084 20.7		174°	89
T676	MERYT, BC, intxn	N49 56.5	W120 57.7			
	To NADPI, BC, intxn	N51 42.9	W117 20.4		034°	174
	To ANDIE, AB, intxn	N52 59.2	W114 23.2		038°	133
T677	MAIRE, QC, intxn	N45 42.5	W073 07.4			
	To TAKIN, QC, intxn	N45 50.2	W072 51.1		070°	14
	To UKPAM, QC, intxn	N45 58.5	W072 33.3		070°	15
	To MISOP, QC, intxn	N46 07.7	W072 16.7		066°	15
	To IGTER, QC, intxn	N46 23.5	W071 48.1		066°	25
	To OBTEK, QC, intxn	N46 47.4	W071 17.0		057°	32
	To SIMTO, QC, intxn	N47 03.4	W070 49.8		065°	24
	To MIVAX, QC, intxn	N47 26.4	W070 09.6		065°	36
	To ANATI, QC, intxn	N47 45.4	W069 35.3		066°	30
	To Baie-Comeau, QC, VOR/DME	N49 08.0	W068 13.3		049°	99
T678	ILUKI, SK, intxn	N50 25.9	W104 40.0			
	To MUTUR, SK, intxn	N51 15.9	W102 27.7		050°	98
T679	KIROD, MB, intxn	N53 57.5	W097 50.6			
	To DUXIP, MB, intxn	N55 48.3	W097 51.7		356°	111

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T680	DICEN, QC, intxn	N46 48.0	W072 17.3			
	To LIVBA, QC, intxn	N46 14.3	W073 57.1		260°	77
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		258°	25
	To KISUK, QC, intxn	N45 53.7	W074 55.1		257°	20
	LETAK, ON, intxn	N45 24.1	W076 14.8		257°	63
T681	BILII, ON, intxn	N49 01.3	W088 15.7			
	To OVORA, ON, intxn	N48 44.6	W086 19.7		106°	78
	To NUBAM, ON, intxn	N47 57.0	W084 49.4		134°	77
T682	Whitecourt, AB, VOR/DME	N54 08.7	W115 47.8			
	To EXDEE, AB, intxn	N53 38.6	W113 30.8		094°	87
	To RYLEY, AB, intxn	N53 16.4	W112 19.2		103°	48
	To WAINN, AB, intxn	N53 02.0	W110 50.0		091°	56
	To OMREG, AB, intxn	N53 18.6	W110 04.4		046°	32
T683	OVORA, ON, intxn	N48 44.6	W086 19.7			
	To EPTOS, ON, intxn	N49 46.2	W086 59.1		344°	67
T684	LYTON, BC, intxn	N50 15.0	W121 50.7			
	To VIDRI, BC, intxn	N50 13.6	W121 30.0		080°	13
	To DURAK,BC, intxn	N50 08.7	W120 25.0		080°	42
T685	Midland, ON, DME	N44 34.9	W079 47.6			
	To LOYED, ON, intxn	N45 04.8	W079 41.7		018°	30
	To OXASA, ON, intxn	N46 21.8	W079 25.5		019°	78
	To LUNGE, ON, intxn	N47 33.3	W080 27.4		341°	83
	To KEBMA, ON, intxn	N48 34.2	W081 22.6		339°	71
T686	ADVOX, AB, intxn	N51 34.7	W114 35.3			
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		310°	8
	To VIMBA, AB, intxn	N52 04.1	W114 30.6		003°	24
	To OLIMI, AB, intxn	N52 48.9	W114 06.6		003°	47
T687	VOLOX, BC, intxn	N50 41.0	W120 20.1			
	To KEGPI, BC, intxn	N50 41.0	W119 40.3		074°	25
	To ENDBY, BC, intxn	N50 40.7	W118 56.3		075°	28
	To CHITE, BC, intxn	N50 02.6	W116 09.1		093°	114
	To Sookum (Cranbrook), BC, NDB	N49 57.3	W115 47.5		096°	15
T688	TOVUM, AB, intxn	N49 14.5	W112 48.9			
	To ETLEM, AB, intxn	N49 26.1	W112 53.2		333°	12
	To EBGAL, AB, intxn	N50 41.8	W113 22.3		332°	78
	KICKS, ON, intxn	N44 20.7	W080 27.8			
	To WALPP, ON, intxn	N44 32.1	W080 46.7		320°	18
	To Wiarton, ON, VOR/DME	N44 44.7	W081 06.3		322°	19
	To WALAC, ON, intxn	N45 46.7	W082 03.6		337°	74
	To NAKBU, ON, intxn	N46 21.1	W082 33.7		338°	40
T690	EBGAL, AB, intxn	N50 41.8	W113 22.3			
	To VESDO, AB, intxn	N49 58.7	W111 19.1		104°	90
T691	Brandon, MB, VOR/DME	N49 54.6	W099 56.7			
	To MUTUR, SK, intxn	N51 15.9	W102 27.7		306°	126
	To AMAGU, SK, intxn	N53 12.9	W105 40.4		309°	167

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T692	Prince George, BC, VOR/DME	N53 53.7	W122 27.3			
	To FIGGI, BC, intxn	N54 16.2	W121 59.2		018°	28
	To STAHL, BC, intxn	N54 43.0	W121 25.2		019°	33
	To KISKK, BC, intxn	N55 12.8	W120 46.0		020°	37
	To ROLLA, BC, intxn	N55 45.8	W120 00.1		021°	42
	To Peace River, AB, VOR/DME	N56 12.4	W117 30.7		054°	88
T693	Montreal, QC, VOR/DME	N45 36.9	W073 58.3			
	To SINRO, QC, intxn	N45 53.9	W073 33.3		059°	24
	To LOKBU, QC, intxn	N46 06.2	W073 14.7		061°	18
	To NOVID, QC, intxn	N46 15.1	W073 13.4		020°	9
	To BERUT, QC, intxn	N46 56.1	W072 29.2		051°	51
	To IGSAS, QC, intxn	N48 01.0	W071 16.2		052°	82
	To IPTAL, QC, intxn	N48 43.8	W069 09.8		078°	95
	To KISUV, QC, intxn	N48 36.7	W068 12.5		117°	38
	To WOPAC, QC, intxn	N48 39.6	W067 18.7		102°	36
	To UBTEV, QC, intxn	N48 44.8	W065 02.0		103°	91
	To Gaspé, QC, VOR/DME	N48 45.8	W064 24.3		105°	25
T694	IGSOD, AB, intxn	N52 29.5	W116 07.7			
	To OBNAP, AB, intxn	N51 45.9	W115 17.7		129°	53
	To VOKIM, AB, intxn	N51 30.9	W115 01.0		130°	18
	To TAMVU, AB, intxn	N51 17.0	W114 45.7		130°	17
	To AGMAK, AB, intxn	N51 13.0	W114 34.7		105°	8
T695	Princeton, BC, VOR/DME	N49 22.9	W120 22.4			
	KEPNA, BC, intxn	N49 44.5	W120 21.8		345°	22
	AMBRO, BC, intxn	N49 59.4	W120 21.4		345°	15
	ICOLA, BC, intxn	N50 10.2	W120 21.1		345°	11
	CHAPT, BC, intxn	N50 28.9	W120 20.5		345°	19
	VOLOX, BC, intxn	N50 41.0	W120 20.1		345°	12
	FLOON, BC, intxn	N51 00.3	W120 42.3		308°	24
	MIBTI, BC, intxn	N51 26.6	W121 12.8		308°	33
	ALTAG, BC, intxn	N51 53.1	W121 44.4		307°	33
	Williams Lake, BC, VOR/DME	N52 14.2	W122 10.1		307°	26
T696	AMEKI, AB, intxn	N50 55.6	W109 59.4			
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		045°	144
	To KENRU, MB, intxn	N53 58.3	W101 05.5		050°	230
	To KIROD, MB, intxn	N53 57.5	W097 50.6		083°	115
T697	Wabush, NL, VOR/DME	N52 57.6	W066 51.2			
	To DENSO, NL, intxn	N53 35.4	W064 14.1		086°	102
	To Goose Bay, NL, VOR/DME	N53 19.2	W060 17.7		115°	142
T698	DERDO, QC, intxn	N45 40.8	W070 48.2			
	To EBGIX, QC, intxn	N45 43.5	W070 23.8		096°	17
	ACTON, USA, intxn	N46 02.6	W067 46.9			
	To BEMEK, NB, intxn	N46 05.0	W066 27.2		103°	56
	To ITPAX, NB, intxn	N46 06.8	W065 09.6		105°	54
	To EBDAD, NB, intxn	N46 07.0	W064 40.7		106°	20
	To IKURO, PE, intxn	N46 17.9	W063 07.2		097°	66

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T699	OTPUT, QC, intxn	N46 52.3	W071 16.9			
	To KAROT, QC, intxn	N47 06.7	W071 16.7		016°	14
	To IGSAS, QC, intxn	N48 01.0	W071 16.2		016°	54
	To EMBES, QC, intxn	N48 32.7	W072 17.7		324°	52
T701	GOVAD, BC, intxn	N49 02.8	W125 42.3			
	To SIGTA, BC, intxn	N49 03.6	W125 09.5		072°	22
	To FOCHE, BC, intxn	N49 03.8	W124 47.8		073°	14
	To ANVAP, BC, intxn	N49 04.2	W124 17.4		073°	20
	To ARRUE, BC, intxn	N49 04.4	W124 07.8		073°	6
	To CASDY, BC, intxn	N49 04.4	W123 58.3		074°	6
	To FAXTO, BC, intxn	N49 04.6	W123 29.6		073°	19
	To Vancouver, BC, VOR/DME	N49 04.6	W123 08.9		074°	14
	Princeton, BC, VOR/DME	N49 22.9	W120 22.4			
	To AMEDI, BC, intxn	N49 35.8	W119 36.2		051°	33
	To TENYA, BC, intxn	N49 50.4	W118 44.4		051°	37
	To WHATS, BC, intxn	N49 58.0	W118 16.3		052°	20
T702	OTLUR, MB, intxn	N49 54.6	W097 14.4			
	To KEBMO, ON, intxn	N49 47.3	W094 21.8		090°	112
	To DUTEG, ON, intxn	N48 46.4	W091 38.3		118°	123
	To AGLIN, ON, intxn	N48 15.2	W089 26.2		110°	93
	To OVORA, ON, intxn	N48 44.6	W086 19.7		079°	128
	To IMIXA, ON, intxn	N49 46.7	W084 35.5		053°	92
	To RABAV, ON, intxn	N51 17.5	W080 36.4		066°	178
T703	CILLI, BC, intxn	N49 03.8	W121 23.7			
	To URVEB, BC, intxn	N49 20.9	W120 21.9		050°	44
	To VOBUD, BC, intxn	N50 07.7	W117 16.6		051°	129
	To MENBO, BC, intxn	N50 23.4	W116 08.4		054°	46
	To NORET, AB, intxn	N50 32.4	W115 27.2		055°	28
	To PIBSO, AB, intxn	N50 34.9	W115 15.3		056°	8
	To AMITO, AB, intxn	N50 37.5	W115 03.4		056°	8
	To SEDEL, AB, intxn	N50 40.0	W114 51.4		057°	8
	To IGVEP, AB, intxn	N50 42.5	W114 39.5		057°	8
T705	IKNAR, QC, intxn	N47 11.6	W074 09.5			
	To NOSUT, QC, intxn	N46 21.6	W073 58.6		186°	51
	To LIVBA, QC, intxn	N46 14.3	W073 57.1		186°	7
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		186°	12
	To DUNUP, QC, intxn	N45 17.6	W073 35.4		178°	47
	To EBDOT, QC, intxn	N45 05.4	W073 34.0		190°	12
	To MUTNA, QC, intxn	N45 00.3	W073 33.5		189°	5
T706	ILUKI, SK, intxn	N50 25.9	W104 40.0			
	To EMLIK, SK, intxn	N50 21.5	W102 29.9		084°	83
	To Brandon, MB, VOR/DME	N49 54.6	W099 56.7		097°	102
	PRADA, MB, intxn	N49 25.5	W095 45.5			
	To GABOV, ON, intxn	N49 28.6	W094 02.8		085°	67
	To ITBIN, ON, intxn	N51 04.0	W093 47.6		006°	96

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T707	ANTAK, BC, intxn	N49 21.0	W115 51.5			
	To SIGPA, BC, intxn	N50 07.0	W115 11.4		014°	53
	To TULOB, AB, intxn	N50 35.6	W114 45.8		015°	33
	To IGVEP, AB, intxn	N50 42.5	W114 39.5		015°	8
T709	TAGET, QC, intxn	N46 53.0	W075 49.2			
	To IKMOL, QC, intxn	N46 41.6	W075 30.7		146°	17
	To OLASI, QC, intxn	N46 19.8	W074 56.2		146°	32
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		147°	25
	To EMPEK, QC, intxn	N45 55.0	W074 20.7		155°	10
	To SATOT, QC, intxn	N45 50.5	W074 15.5		155°	6
	To PIGNA, QC, intxn	N45 45.2	W074 09.3		155°	7
T713	BOOTH, BC, intxn	N49 31.3	W122 02.7			
	To SPUZZ, BC, intxn	N49 46.5	W121 23.8		043°	30
	To MERYT, BC, intxn	N49 56.5	W120 57.7		043°	20
	To ICOLA, BC, intxn	N50 10.2	W120 21.1		044°	27
	To BULIE, BC, intxn	N50 16.2	W120 04.6		044°	12
	To STUMM, BC, intxn	N50 21.2	W119 50.9		045°	10
	To SUVAK, BC, intxn	N50 34.9	W119 12.9		045°	28
	To ENDBY, BC, intxn	N50 40.7	W118 56.3		046°	12
	To RAGUT, BC, intxn	N50 49.6	W117 29.0		065°	56
	To WELLF, BC, intxn	N50 54.5	W116 36.1		066°	34
T715	VETBI, AB, intxn	N51 12.1	W113 25.4			
	To SESDA, AB, intxn	N51 11.3	W113 13.1		082°	8
	To RABOX, AB, intxn	N51 05.4	W111 55.7		082°	49
	To GUDOG, AB, intxn	N51 31.0	W110 00.0		056°	77
	To IMOTA, SK, intxn	N51 55.0	W108 00.0		058°	78
T717	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To SETVO, QC, intxn	N46 21.5	W077 31.0		100°	79
	To EPRES, QC, intxn	N46 11.8	W075 58.4		110°	65
	To BEMOG, QC, intxn	N46 09.0	W075 34.4		112°	17
	To UDGAK, QC, intxn	N46 06.3	W075 05.4		111°	20
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		111°	25
T719	KATUB, BC, intxn	N49 07.7	W123 46.9			
	To KIXET, BC, intxn	N49 11.9	W123 52.0		306°	5
	To SENRI, BC, intxn	N49 19.0	W124 01.1		304°	9
	To ITMAV, BC, intxn	N49 28.6	W124 10.7		311°	12
	To Comox, BC, TACAN	N49 42.7	W124 53.7		281°	31
	To Port Hardy, BC, VOR/DME	N50 41.0	W127 21.9		286°	112
	To Sandspit, BC, VOR/DME	N53 15.1	W131 48.4		298°	226
	To MOCHA, BC, intxn	N54 30.4	W133 01.3		313°	87
	To EEVER, BC, intxn	N54 35.0	W133 05.9		312°	5
T721	TALNO, QC, intxn	N44 59.6	W074 21.6			
	To EPTUL, QC, intxn	N45 04.6	W073 54.4		088°	20
	To EBDOT, QC, intxn	N45 05.4	W073 34.0		100°	15
	To TOXAL, QC, intxn	N45 08.6	W071 34.9		101°	84

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T722	SASID, QC, intxn	N46 02.0	W075 45.0			
	To EPRES, QC, intxn	N46 11.8	W075 58.4		329°	14
	To PELSU, QC, intxn	N46 53.1	W076 34.8		342°	48
	To MIXAK, QC, intxn	N47 14.5	W076 54.9		340°	26
	To Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2		340°	67
T723	SEDOG, ON, intxn	N44 00.6	W079 35.1			
	To TANGI, ON, intxn	N44 23.1	W079 24.1		030°	24
	To UDMUG, ON, intxn	N44 52.9	W078 58.9		042°	35
	To ROSVO, ON, intxn	N45 35.4	W077 28.8		067°	77
T725	MIGLO, ON, intxn	N44 38.2	W076 12.6			
	To REEDO, ON, intxn	N44 42.2	W075 58.9		080°	11
	To IGVUD, ON, intxn	N44 50.4	W075 28.1		082°	23
	To EPMOK, ON, intxn	N44 59.1	W074 57.1		082°	24
	To ARVIE, ON, intxn	N45 07.1	W074 37.1		074°	16
	To HABBS, ON, intxn	N45 12.3	W074 25.0		072°	10
	To COMAU, QC, intxn	N45 21.6	W074 03.4		073°	18
	To MITIG, QC, intxn	N45 27.5	W073 55.8		057°	8
T727	VOBUK, AB, intxn	N49 43.0	W113 12.0			
	To GADKI, AB, intxn	N50 39.8	W113 41.4		328°	60
	To RIGAD, AB, intxn	N51 43.2	W114 22.9		324°	69
	To UKRAM, AB, intxn	N52 46.1	W113 56.4		360°	65
T728	Brandon, MB, VOR/DME	N49 54.6	W099 56.7			
	To IKNAL, MB, intxn	N50 14.5	W099 58.5		352°	20
	To OTRAN, MB, intxn	N50 46.4	W100 01.3		352°	32
	To AMENU, MB, intxn	N51 06.1	W100 03.2		351°	20
	To KENRU, MB, intxn	N53 58.3	W101 05.5		343°	177
	To DUSMO, MB, intxn	N54 40.7	W101 40.9		328°	47
	To MITOB, MB, intxn	N56 51.9	W101 04.6		002°	133
T731	TAKOL, QC, intxn	N45 39.0	W075 11.9			
	To IPSAK, QC, intxn	N45 45.4	W074 51.5		080°	16
	To BOKLU, QC, intxn	N45 50.4	W074 35.7		080°	12
	To EMPEK, QC, intxn	N45 55.0	W074 20.7		080°	11
	To ESTEL, QC, intxn	N45 57.9	W074 11.0		081°	7
	To TAMKO, QC, intxn	N46 02.9	W073 54.7		081°	12
	To AGLUK, QC, intxn	N46 12.6	W073 22.2		081°	25
T735	DULBA, NB, intxn	N46 13.2	W066 28.0			
	To IRDUV, NB, intxn	N46 16.4	W065 09.5		103°	54
	To IKURO, PE, intxn	N46 17.9	W063 07.2		105°	85
	To SASUG, NS, intxn	N46 09.2	W060 03.3		110°	128
T736	MUTUR, SK, intxn	N51 15.9	W102 27.7			
	To KENRU, MB, intxn	N53 58.3	W101 05.5		010°	170
	To MITOB, MB, intxn	N56 51.9	W101 04.6		354°	174
T737	AVVON, ON, intxn	N45 10.1	W075 02.3			
	To VIKNO, ON, intxn	N45 15.5	W074 36.9		086°	19
	To LAFIT, QC, intxn	N45 18.5	W074 23.0		087°	10
	To PUXER, QC, intxn	N45 24.0	W072 51.3		098°	65
	To PUSOD, QC, intxn	N45 30.1	W071 29.7		098°	58
	To OMALI, QC, intxn	N45 30.7	W071 20.0		100°	7
	To REVEN, QC, intxn	N45 33.2	W070 42.0		100°	27

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T739	OLABA, ON, intxn	N44 28.6	W076 12.2			
	To ALONI, ON intxn	N44 38.9	W075 39.2		078°	26
	To KATEK, ON intxn	N44 40.8	W075 32.4		082°	5
	TALNO, QC, intxn	N44 59.6	W074 21.6			
	To EPTUL, QC, intxn	N45 04.6	W073 54.4		088°	20
	To RABIK, QC, intxn	N45 17.9	W072 36.6		089°	56
	To MOBAL, QC, intxn	N45 20.3	W071 51.8		100°	32
	To ANTOV, QC, intxn	N45 25.7	W071 01.4		096°	36
	To KERVO, QC, Intxn	N45 26.7	W070 39.0		101°	16
	DANOL, NB, intxn	N45 41.8	W067 48.2			
	To PUXOP, NB, intxn	N45 56.7	W066 26.4		091°	59
	To EMLOB, NB, intxn	N45 59.0	W066 09.6		095°	12
	To OMVEV, NB, intxn	N46 02.0	W065 47.2		095°	16
	To ITPAX, NB, intxn	N46 06.8	W065 09.6		096°	27
T740	Swift Current, SK, VOR/DME	N50 17.8	W107 41.5			
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		007°	119
	To AMAGU, SK, intxn	N53 12.9	W105 40.4		021°	73
	To KENRU, MB, intxn	N53 58.3	W101 05.5		063°	170
	To DUXIP, MB, intxn	N55 48.3	W097 51.7		038°	157
T741	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To ODKAP, QC, intxn	N50 53.0	W066 03.5		029°	40
	To ELINU, QC, intxn	N51 53.0	W065 43.0		031°	61
T743	KODIT, AB, intxn	N52 37.8	W115 47.5			
	To MATIR, AB, intxn	N52 00.9	W115 04.8		129°	45
	To ALSIV, AB, intxn	N51 54.4	W114 57.3		130°	8
	To SEKAN, AB, intxn	N51 47.8	W114 50.0		130°	8
	To AMUNO, AB, intxn	N51 41.3	W114 42.6		130°	8
	To ADVOX, AB, intxn	N51 34.7	W114 35.3		130°	8
T744	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To OTONA, ON, intxn	N45 37.0	W077 50.0		134°	80
	To ROSVO, ON, intxn	N45 35.4	W077 28.8		108°	15
	To AGNEX, ON, intxn	N45 33.6	W077 05.2		108°	17
	To OLIGO, ON, intxn	N45 29.4	W076 15.0		109°	35
T745	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To IGSUB, ON, intxn	N47 41.7	W079 50.9		359°	82
	To KEBMA, ON, intxn	N48 34.2	W081 22.6		322°	81
	To IMIXA, ON, intxn	N49 46.7	W084 35.5		311°	146
	To EPTOS, ON, intxn	N49 46.2	W086 59.1		279°	93
T747	High Level, AB, VOR/DME	N58 33.3	W117 05.6			
	To BISPO, AB, intxn	N56 56.3	W115 54.0		141°	105
	To OBTUP, AB, intxn	N55 17.6	W114 46.6		143°	106
	To MOOTO, AB, intxn	N53 52.7	W113 42.1		141°	93
	To EXDEE, AB, intxn	N53 38.6	W113 30.8		140°	16
	To OMRIR, AB, intxn	N53 21.4	W110 49.5		085°	98
	To OMREG, AB, intxn	N53 18.6	W110 04.4		083°	27
	To LIBUB, SK, intxn	N52 46.1	W108 14.7		103°	74

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T749	MIVOK, ON, intxn	N44 21.6	W077 35.3			
	To KANIK, ON, intxn	N44 39.0	W076 57.4		069°	32
	To LANRK, ON, intxn	N44 56.6	W076 23.3		066°	30
	To TAKOL, QC, intxn	N45 39.0	W075 11.9		062°	66
	To KISUK, QC, intxn	N45 53.7	W074 55.1		052°	19
	To VIDGO, QC, intxn	N46 02.8	W074 29.8		076°	20
	To LIVBA, QC, intxn	N46 14.3	W073 57.1		077°	25
	To SOKYE, QC, intxn	N46 21.5	W072 51.1		095°	46
T751	Whitehorse, YT, VOR/DME	N60 37.1	W135 08.3			
	To OMVAN, YT, intxn	N60 10.4	W132 44.5		090°	76
	To Watson Lake, YT, VOR/DME	N60 05.2	W128 51.5		072°	117
T753	BITGA, AB, intxn	N51 29.5	W113 58.4			
	To MIREK, AB, intxn	N51 37.2	W113 55.8		357°	8
	To OILRS, AB, intxn	N52 37.5	W113 31.2		359°	62
T755	Whitecourt, AB, VOR/DME	N53 08.7	W115 47.8			
	To WYLDE, AB, intxn	N53 36.9	W114 53.6		120°	45
	To GRONG, AB, intxn	N53 22.5	W114 19.3		110°	25
	To YEGGA, AB, intxn	N53 11.1	W113 52.0		111°	20
	To JEDII, AB, intxn	N53 05.0	W112 56.5		086°	34
	To CAMRA, AB, intxn	N53 01.9	W112 30.5		088°	16
	To WAINN, AB intxn	N53 02.0	W110 50.0		076°	61
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		095°	159
	To MUTUR, SK, intxn	N51 15.9	W102 27.7		097°	168
	To KOBID, MB, intxn	N50 25.3	W098 43.4		101°	151
T757	APLIG, BC, intxn	N53 00.0	W134 00.0			
	To KALTS, BC, intxn	N53 37.3	W133 48.3		353°	38
	To FRIED, BC, intxn	N54 13.3	W133 38.0		352°	37
	To MOCHA, BC, intxn	N54 30.4	W133 01.3		033°	27
	To BOKMA, BC, intxn	N54 31.2	W131 38.9		070°	48
	To OMSEB, BC, intxn	N53 29.0	W130 56.7		140°	67
	To ESTIT, BC, intxn	N51 16.1	W128 18.5		125°	165
T759	PEVLU, AB, intxn	N51 30.4	W114 08.5			
	To KERSA, AB, intxn	N51 37.2	W114 06.0		358°	7
	To BISNO, AB, intxn	N52 30.5	W113 45.2		358°	55
	To OILRS, AB, intxn	N52 37.5	W113 31.2		036°	11
T761	SAXOL, AB, intxn	N51 28.0	W113 38.0			
	To PEPGO, AB, intxn	N51 33.5	W113 36.0		358°	6
	To RODKU, AB, intxn	N52 06.7	W113 23.6		358°	34
	To ALKIK, AB, intxn	N52 47.6	W113 07.7		359°	42
T765	Whitecourt, AB, VOR/DME	N54 08.7	W115 47.8			
	To OBTUP, AB, intxn	N55 17.6	W114 46.6		011°	78
T767	NUBAM, ON, intxn	N47 57.0	W084 49.4			
	To IMIXA, ON, intxn	N49 46.7	W084 35.5		012°	110
T768	ARBBY, ON, intxn	N48 37.5	W093 00.5			
	To DUTEG, ON, intxn	N48 46.4	W091 38.3		081°	55
T769	GOVAD, BC, intxn	N49 02.8	W125 42.3			
	To Comox, BC, TACAN	N49 42.7	W124 53.7		022°	51

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T770	KEBMO, ON, intxn	N49 47.3	W094 21.8			
	To ITBIN, ON, intxn	N51 04.0	W093 47.6		015°	80
T771	Empress, AB, VOR/DME	N50 55.6	W109 59.4			
	To Swift Current, SK, VOR/DME	N50 17.8	W107 41.5		100°	96
T773	NOSIV, AB, intxn	N50 54.4	W113 17.5			
	To ODLAN, AB, intxn	N50 11.6	W111 23.4		105°	84
T774	SENSA, BC, intxn	N49 23.2	W121 25.5			
	To SPUZZ, BC, intxn	N49 46.5	W121 23.8		347°	23
	To KROFT, BC, intxn	N50 42.1	W121 19.2		347°	56
	To Williams Lake, BC, VOR/DME	N52 14.2	W122 10.1		325°	98
T775	TREEL, BC, intxn	N49 21.4	W123 51.9			
	To NUTBE, BC, intxn	N49 19.6	W123 36.5		084°	10
	To BAJOL, BC, intxn	N49 18.6	W123 28.2		084°	6
	To VARSY, BC, intxn	N49 17.2	W123 17.1		084°	7
	To BASRA, BC, intxn	N49 15.2	W123 00.4		084°	11
	To MILLS, BC, intxn	N49 14.4	W122 54.1		085°	4
	To FRASE, BC, intxn	N49 13.5	W122 47.2		085°	5
	To Pitt Meadows, BC, VOR	N49 13.0	W122 42.9		085°	3
T776	ITBIN, ON, intxn	N51 04.0	W093 47.6			
	To OMVEG, ON, intxn	N50 06.8	W091 54.3		128°	92
T781	Can/USA bdry	N42 56.7	W082 26.3			
	To AXOBU ON, intxn	N42 56.7	W082 23.7		100°	2
	To HAVOK, ON, intxn	N43 01.3	W081 36.2		090°	35
	To DERLO, ON, intxn	N43 04.0	W081 05.7		092°	23
	To OLAMO, ON, intxn	N43 16.0	W079 53.2		086°	54
	To DAVSI, ON, intxn	N43 42.3	W079 13.1		058°	39
	To TESUK, ON, intxn	N43 51.1	W078 48.9		074°	20
	To TALEB, ON, intxn	N44 01.0	W078 23.3		073°	21
	To BOMET, ON, intxn	N44 10.2	W077 59.0		073°	20
	To NOPOT, ON, intxn	N44 17.3	W077 32.9		081°	20
	To TIGET, ON, intxn	N44 23.4	W077 09.7		081°	18
	To IPTOS, ON, intxn	N44 55.3	W076 13.4		063°	51
	To VERTI, ON, intxn	N45 15.0	W074 50.5		084°	62
	To AGLUK, QC, intxn	N46 12.6	W073 22.2		060°	85
	To NOVID, QC, intxn	N46 15.1	W073 13.4		082°	7
	To SOKYE, QC, intxn	N46 21.5	W072 51.1		082°	17
	To KETRU, QC, intxn	N46 27.2	W072 31.3		082°	15
	To PESAC, QC, intxn	N46 32.9	W072 11.2		083°	15
	To Quebec, QC, VORTAC	N46 42.3	W071 37.6		083°	25
	To PINTE, QC, intxn	N46 26.7	W070 03.0		118°	67
T783	Halifax, NS, VOR/DME	N44 55.4	W063 24.1			
	To IGTAS, NS, intxn	N45 04.6	W062 56.9		081°	21
	To NOTOP, NS, intxn	N45 27.2	W062 00.7		077°	46
	To SILRO, NL, intxn	N47 00.0	W058 35.0		073°	170
	To TIGOR, NL, intxn	N47 24.9	W054 06.8		098°	184

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T785	DAXEX, BC, intxn	N54 15.8	W130 25.4			
	To Prince Rupert, BC, NDB	N54 14.1	W132 07.4		070°	60
T789	VIDRI, BC, intxn	N50 13.6	W121 30.0			
	To ROMRA, BC, intxn	N52 02.8	W117 39.2		035°	182
	To ELLKS, AB, intxn	N53 16.4	W114 41.1		038°	131
T797	VETBI, AB, intxn	N51 12.1	W113 25.4			
	To SESDA, AB, intxn	N51 11.3	W113 13.1		082°	8
	To RABOX, AB, intxn	N51 05.4	W111 55.7		082°	49
	To LIBOS, SK, intxn	N50 48.8	W109 00.0		084°	112
	To DURUR, SK, intxn	N50 40.0	W104 53.4		080°	157
	To EMLIK, SK, intxn	N50 21.5	W102 29.9		092°	94
	To KOBID, MB, intxn	N50 25.3	W098 43.4		080°	145
	To GABOV, ON, intxn	N49 28.6	W094 02.8		102°	190
	To WUGOR, ON, intxn	N48 36.0	W093 25.7		155°	58
T798	KEDEM, SK, intxn	N55 09.1	W105 16.0			
	To KENRU, MB, intxn	N53 58.3	W101 05.5		105°	162
	To OTLUR, MB, intxn	N49 54.6	W097 14.4		142°	283
T799	LYTON, BC, intxn	N50 15.0	W121 50.7			
	To GUCHY, BC, intxn	N50 27.2	W120 32.0		060°	52
	To CHAPT, BC, intxn	N50 28.9	W120 20.5		061°	8
	To FELKO, BC, intxn	N50 34.4	W119 42.0		061°	25
	To ENDBY, BC, intxn	N50 40.7	W118 56.3		062°	30
	To NOVAX, BC, intxn	N50 39.1	W118 21.3		078°	22
	To HOWZR, BC, intxn	N50 32.1	W116 16.1		079°	80
	To FARNS, AB, intxn	N50 45.2	W115 23.7		053°	36
T800	GOVAD, BC, intxn	N49 02.8	W125 42.3			
	To AVUMU, BC, intxn	N48 57.7	W125 05.1		085°	25
	To OMVIN, BC, intxn	N48 49.0	W124 04.4		086°	41
	To DUTOK, BC, intxn	N48 45.9	W123 43.8		087°	14
	To VIXOR, BC, intxn	N48 43.6	W123 29.1		087°	10
	To LIANO, BC, intxn	N48 53.4	W123 19.8		016°	12
	To Vancouver BC, VOR/DME	N49 04.6	W123 08.9		017°	13
	To FERRY, BC, intxn	N49 11.5	W122 31.8		058°	25
	To HARAS, BC, intxn	N49 16.7	W122 02.9		059°	20
	To SENSA, BC, intxn	N49 23.2	W121 25.5		059°	25
	To Princeton, BC, VOR/DME	N49 22.9	W120 22.4		074°	41
	To SKAHA, BC, intxn	N49 25.1	W119 35.1		070°	31
	To GOATE, BC, intxn	N49 26.9	W119 05.6		069°	19
	To LOCAN, BC, intxn	N49 30.7	W117 33.1		071°	60
	To ERVYN, BC, intxn	N49 31.8	W117 02.5		072°	20
	To BOXAT, BC, intxn	N49 32.1	W116 50.8		073°	8
	To ALDDA, BC, intxn	N49 33.0	W116 20.7		073°	20
	To Cranbrook, BC, VOR/DME	N49 33.3	W116 05.3		074°	10
T801	SENSA, BC, intxn	N49 23.2	W121 25.5			
	To Kelowna, BC, NDB	N50 03.7	W119 25.0		046°	88

FIXED RNAV ROUTES (Cont'd)

Rte	Name	(N)Lat	(W)Long	Waypoint Definition	Mag Brg	Dist
T802	DURUR, SK, intxn	N50 40.0	W104 53.4			
	To MUTUR, SK, intxn	N51 15.9	W102 27.7		059°	99
	To AMENU, MB, intxn	N51 06.1	W100 03.2		088°	91
	To KOBID, MB, intxn	N50 25.3	W098 43.4		123°	65
T803	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To REZIN, QC, intxn	N47 43.6	W078 13.9		041°	95
	To Val-d'Or, QC, VOR/DME	N48 10.5	W077 49.2		043°	32
T804	NOTOP, NS, intxn	N45 27.2	W062 00.7			
	To SASUG, NS, intxn	N46 09.2	W060 03.3		079°	92
	To Torbay, NL, VOR/DME	N47 29.1	W052 51.1		089°	307
T810	Brandon, MB, VOR/DME	N49 54.6	W099 56.7			
	To ETMOM, MB, intxn	N50 02.9	W099 37.2		051°	15
	To KOBID, MB, intxn	N50 25.3	W098 43.4		052°	41
	To OTLUR, MB, intxn	N49 54.6	W097 14.4		114°	65
	To GABOV, ON, intxn	N49 28.6	W094 02.8		098°	127
	To ALMEX, ON, intxn	N48 26.2	W090 03.4		110°	170
	To AGLIN, ON, intxn	N48 15.2	W089 26.2		117°	27
T812	RUBSU, AB, intxn	N53 36.4	W113 21.3			
	To RESAX, AB, intxn	N53 56.2	W113 09.6		005°	21
	To CACHO, AB, intxn	N54 54.2	W112 34.2		006°	62
	To LETRM, AB, intxn	N55 53.8	W111 45.8		011°	66
	To Fort McMurray, AB, VOR/DME	N56 38.9	W111 07.3		012°	50
T818	SASUG, NS, intxn	N46 09.2	W060 03.3			
	To UMETI, NL, intxn	N47 34.8	W059 15.5		038°	92
T820	OXASA, ON, intxn	N46 21.8	W079 25.5			
	To SUXEB, QC, intxn	N47 45.8	W079 03.1		021°	85
	To Rouyn, QC, NDB	N48 10.4	W078 56.3		022°	25
T821	AMAGU, SK, intxn	N53 12.9	W105 40.4			
	To DUSMO, MB, intxn	N54 40.7	W101 40.9		047°	167
T822	DURUR, SK, intxn	N50 40.0	W104 53.4			
	To TAGOT, SK, intxn	N52 10.9	W106 43.2		315°	114
T825	ITMAV, BC, intxn	N49 28.6	W124 10.7			
	To MOBID, BC, intxn	N49 49.8	W124 28.9		315°	24
	To Comox, BC, TACAN	N49 42.7	W124 53.7		230°	18
T827	Halifax, NS, VOR/DME	N44 55.4	W063 24.1			
	To PAULO, NS, intxn	N45 15.2	W063 20.1		025°	20
	To NUTBY, NS, intxn	N45 41.3	W063 14.8		025°	26
	To IKURO, PE, intxn	N46 17.9	W063 07.2		025°	37
T838	TABRU, QC, intxn	N50 13.9	W066 16.4			
	To MEPNA, QC, intxn	N49 05.2	W064 48.2		157°	90
	To AVRON, QC, intxn	N48 57.4	W064 38.6		158°	10
	To Gaspe, QC, VOR/DME	N48 45.8	W064 24.3		158°	15

NORTH AMERICAN ROUTE PROGRAM (NRP)

General

A flight that originates and terminates within conterminous U.S. and Canada and North Atlantic international flights operating within the North American Route (NAR) System may participate in the NRP under the following procedures and requirements.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:

(a) Flights to operate at or above FL 290.

(b) For that portion of flight within 200NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SIDs), Departure Procedures (DPs), Standard Terminal Arrival Routes (STARs) or published Mandatory IFR Routes. If none of the above are available, airways may be used.

(c) NRP flights are not normally subject to routing restrictions such as published Mandatory IFR Routes or airways, beyond a 200NM radius of both the departure and destination airports.

(d) Flight planning requirements are:

(i) routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;

(ii) significant points may be a navigational aid or waypoint defined in fix-radial-distance (FRD) format from a navigation aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;

(iii) for routes that cross the U.S./Canada border, a significant point within 30NM of either side of the border shall be filed;

(iv) significant points should be filed for all turnpoints;

(v) route(s) shall avoid active Class F airspace;

(vi) "NRP" shall be entered in the Remarks section of the flight plan; and

(vii) flight plans to be filed at least one hour prior to departure.

(e) In the event that a NRP aircraft has to be recleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.

(f) Unless published routing restrictions are in effect, North Atlantic international flights planning to operate within the North American Route (NAR) System may file NRP routes beyond 200NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific NAV CANADA Requirements

The following specific Canadian requirements apply:

(a) When a significant point is defined by latitude and longitude the following applies:

- for flights operating on predominately north or south tracks (315°T clockwise through 045°T or the reciprocals), tracks shall be defined by reference to significant points formed by the intersection of whole degrees on longitude with specified parallels of latitude spaced at 5° of latitude expressed in longitude by degrees and minutes and latitude by degrees;
- for flights operating on predominately east or west tracks (046°T clockwise through 134°T or the reciprocals), tracks shall be defined by reference to significant points formed by the intersection of half or whole degrees of latitude with meridians spaced at intervals of 10° expressed in longitude by degrees and latitude by degrees and minutes.

(b) All flights to remain north of N48°15'00" W90°00'00" or south of N47°30'00" W90°00'00".

(c) Toronto International (CYYZ). For aircraft landing at CYYZ, those aircraft inbound from the northwest are to terminate the NRP portion and join the BOXUM arrival at OTNIK.

(d) Vancouver International (CYVR). For aircraft landing at CYVR, those aircraft arriving from the east and north of the Canada/USA border are to arrange routing to be north of J500 no later than the intersection LOCAN (N49°30.7' W117°33.1').

NORTH AMERICAN ROUTE PROGRAM (NRP) (Cont'd)

(e) Ottawa/Macdonald-Cartier International (CYOW). For aircraft landing at CYOW, those aircraft inbound from the west are to terminate the NRP portion and join a mandatory arrival routing no later than the intersection SMARE (N46°19.6' W78°9.8').

(f) Montreal/Pierre Elliott Trudeau International (CYUL). For aircraft landing at CYUL, those aircraft inbound from the west-northwest are to terminate the NRP portion and join a mandatory arrival routing no later than BEMOG provided the route proceeds over or north of BEMOG (N46°09.0' W75°34.4'). For routes that do not comply with this requirement terminate the NRP portion and join a mandatory arrival routing no later than BEMOG.

Specific FAA Requirements

Refer to the current FAA Advisory Circular-NRP.

NORTH AMERICAN ROUTES (NARs) FOR NORTH ATLANTIC TRAFFIC

1. The objectives of the NAR System are as follows:
   (a) To expedite flight planning;
   (b) To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and;
   (c) To minimize the time spent in the route clearance delivery function.
2. The NAR System is designed to accommodate major airports in North America where the volume of NAT traffic and route complexity dictate a need to meet the above requirements. It is for the use of traffic entering/exiting the NAT and consists of a series of pre-planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:
   (a) **Common Portion** – That portion of the route between a specified coastal fix or an oceanic entry/exit point and a specified inland navigation fix (INF). Some routes have a common portion only (N598A-N700A); and
   (b) **Non Common Portion** – That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.
3. The routes are prefixed by the abbreviation "N" with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound application while the EVEN numbers apply to westbound. Following a one to three digit number, an alpha character indicates the validation code and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non-common route portions.
4. Since a primary function of the NAR System is to complement the NAT traffic flow, a limited number of NAR routes, appropriate for coastal fixes or oceanic entry/exit points serving the Organized Track System (OTS) and the domestic traffic organization, are included in the NAT/OTS message published by the Gander and Shanwick Oceanic Area Centres.
5. Aircraft can only join the NAR System:
   (a) At the identified coastal fix or oceanic entry/exit point; or
   (b) On departure from one of the identified system airports; or
   (c) At an identified INF.
6. **Flight Planning – GENERAL:**

   WESTBOUND:

   (a) Westbound routes begin at the oceanic exit points, thence along common route portions to an INF and then fan-out along non common routes to selected system airports;
   (b) For aircraft proceeding to an identified system airport and the route of flight is described by a single NAR designator, use the designator; and
   (c) For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

NORTH AMERICAN ROUTES (NARs) FOR NORTH ATLANTIC TRAFFIC (Cont'd)

EASTBOUND:

(a) Eastbound routes only have a common portion from the INF to a coastal FIX or oceanic entry point;

(b) When the route of flight is described by a single NAR designator, use the designator;

(c) For aircraft departing from a non-system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix or oceanic entry point using the NAR designator;

GENERAL:

For those cases not described above, a detailed routing is required.

7. **NAR– Requirement:**

(a) There is no requirement to flight plan and operate using the NAR system with the following exceptions:
i) Eastbound aircraft intending to operate on the NAR OTS and operating wholly on or south of a line between the intersections BAREE and TUDEP shall flight plan and operate using one of the NARs published on the daily OTS message.
ii) Westbound aircraft exiting the ocean via oceanic/coastal fixes JEBBY CARAC, BOBTU JAROM or RAFIN must file via one of the published NAR common portions as specified in the CFS unless re-entering NY oceanic via M201/M202/M203:
- JEBBY CARAC - N26B, N28B, N30B, N32B, N34B
- BOBTU JAROM - N46G, N48G, N50G, N52G, N54G, N56G, N58D, N60D, N62C
- RAFIN - N76A, N78A, N80A, N82A, N84A, N86A, N88A, N90A.

(b) NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian Domestic airspace.

(c) For operators who elect not to use the NAR system, the rules of the North American Route Program (NRP) apply.

8. **Route Clearances:**

(a) For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, eg: "North American Route 105C";

(b) For aircraft operating in the NAR System but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;

(c) For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;

(d) Aircraft cleared to a system airport via a NAR designator are to follow the common and the non common portion of the route to the system airport. If the issued NAR, either the common or non common portion, is incompatible or unacceptable, the pilot is to advise ATC accordingly.

9. **Documentation:**

It is expected that the following documentation will be carried on the flight deck of aircraft operating within the NAR system:

(a) The current publications of NAV Canada, Canadian Flight Supplement, or Federal Aviation Administration, Airport Facility Directory (Northeast) or another product which provides the current NAR; and

(b) Information in the current NAT/OTS message.

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N3A	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N11A	SIE	B24 LYNUS	JOBOC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOC
N21A	VITOL	DIRECT	CARAC
N23A	WHALE	DIRECT	CARAC
N25A	ALLEX	DIRECT	CARAC
N27A	KANNI	DIRECT	CARAC
N29A	KANNI	GAYBL	CARAC
N31F	VITOL	LOMPI	JAROM
N33D	WHALE	LOMPI	JAROM
N35B	WHALE	GAYBL LOMPI	JAROM
N37C	EBONY	LOMPI	JAROM
N39A	KANNI	LOMPI	JAROM
N41A	KANNI	GAYBL LOMPI	JAROM
N43B	BRADD	LOMPI	JAROM
N45D	VITOL	NANSO	RAFIN
N47C	VITOL	CARAC NANSO	RAFIN
N49C	WHALE	NANSO	RAFIN
N51D	WHALE	GAYBL NANSO	RAFIN
N53D	KANNI	NANSO	RAFIN
N55A	BRADD	SCOTS	RAFIN
N57A	MIILS	PEPRA	RAFIN
N59C	MIILS	DIRECT	RAFIN
N61A	KANNI	GAYBL NANSO	RAFIN
N63A	BRADD	DIRECT	RAFIN
N65A	TUSKY	DIRECT	RAFIN
N67A	TUSKY	SCOTS	RAFIN
N69A	ALLEX	DIRECT	RAFIN
N71A	EBONY	DIRECT	RAFIN
N73A	VITOL	DIRECT	SUPRY
N75A	WHALE	DIRECT	SUPRY
N77A	WHALE	GAYBL	SUPRY
N79A	KANNI	DIRECT	SUPRY
N81A	BRADD	DIRECT	SUPRY
N83A	BRADD	SCOTS	SUPRY
N85A	TUSKY	SCOTS	SUPRY
N87A	TUSKY	DIRECT	SUPRY
N89A	MIILS	PEPRA	SUPRY
N91A	MIILS	RUBDA	SUPRY
N93A	MIILS	DIRECT	SUPRY
N95A	ALLEX	DIRECT	SUPRY

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N97A	EBONY	DIRECT	SUPRY
N99A	VITOL	GAYBL	SUPRY
N101A	VITOL	DIRECT	RELIC
N103A	VITOL	GAYBL	RELIC
N105D	WHALE	DIRECT	RELIC
N107D	WHALE	GAYBL	RELIC
N109D	KANNI	DIRECT	RELIC
N111D	BRADD	DIRECT	RELIC
N113D	BRADD	SCOTS	RELIC
N115D	TUSKY	DIRECT	RELIC
N117B	TUSKY	SCOTS	RELIC
N119A	ALLEX	DIRECT	RELIC
N121A	MIILS	RUBDA	RELIC
N123A	MIILS	DIRECT	RELIC
N125A	EBONY	DIRECT	RELIC
N127A	TOPPS	DIRECT	RELIC
N129A	DANOL	DIRECT	RELIC
N927A	KANNI	GAYBL	RELIC
N929A	TUSKY	ACADN	RELIC
N131A	VITOL	GAYBL	PORTI
N133A	VITOL	DIRECT	PORTI
N135A	WHALE	DIRECT	PORTI
N137A	WHALE	GAYBL	PORTI
N139A	KANNI	DIRECT	PORTI
N141D	BRADD	DIRECT	PORTI
N143B	BRADD	SCOTS	PORTI
N145B	TUSKY	DIRECT	PORTI
N147B	TUSKY	ACADN	PORTI
N149D	ALLEX	DIRECT	PORTI
N151G	MIILS	RUBDA	PORTI
N153E	MIILS	SUTKO	PORTI
N155A	MIILS	DIRECT	PORTI
N157A	KANNI	GAYBL	PORTI
N159A	TUSKY	SCOTS	PORTI
N885A	EBONY	DIRECT	PORTI
N887A	TOPPS	DIRECT	PORTI
N889A	DANOL	DIRECT	PORTI
N161A	VITOL	DIRECT	OMSAT
N163A	VITOL	GAYBL	OMSAT
N165A	WHALE	DIRECT	OMSAT
N167A	WHALE	GAYBL	OMSAT
N169A	KANNI	DIRECT	OMSAT
N171D	BRADD	DIRECT	OMSAT

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N173D	BRADD	SCOTS	OMSAT
N175E	TUSKY	DIRECT	OMSAT
N177E	TUSKY	ACADN	OMSAT
N179E	ALLEX	DIRECT	OMSAT
N181G	MIILS	SUTKO	OMSAT
N183A	MIILS	DIRECT	OMSAT
N185A	CEFOU	DIRECT	OMSAT
N187A	KANNI	GAYBL	OMSAT
N891A	TUSKY	SCOTS	OMSAT
N893A	EBONY	DIRECT	OMSAT
N895A	TOPPS	DIRECT	OMSAT
N897A	DANOL	DIRECT	OMSAT
N189A	VITOL	DIRECT	NICSO
N191A	VITOL	GAYBL	NICSO
N193A	WHALE	DIRECT	NICSO
N195A	KANNI	DIRECT	NICSO
N197A	BRADD	DIRECT	NICSO
N199A	BRADD	SCOTS	NICSO
N201B	TUSKY	DIRECT	NICSO
N203B	TUSKY	ACADN	NICSO
N205B	ALLEX	DIRECT	NICSO
N207B	MIILS	SUTKO	NICSO
N209D	MIILS	TAGRA	NICSO
N211E	MIILS	DIRECT	NICSO
N213A	CEFOU	DIRECT	NICSO
N215A	WHALE	GAYBL	NICSO
N217A	WHALE	SCOTS	NICSO
N899A	KANNI	SCOTS	NICSO
N901A	TUSKY	SCOTS	NICSO
N903A	EBONY	DIRECT	NICSO
N905A	TOPPS	DIRECT	NICSO
N907A	DANOL	DIRECT	NICSO
N219A	VITOL	DIRECT	MUSAK
N221A	VITOL	GAYBL	MUSAK
N223A	WHALE	DIRECT	MUSAK
N225A	KANNI	DIRECT	MUSAK
N227A	BRADD	DIRECT	MUSAK
N229A	BRADD	SCOTS	MUSAK
N231A	TUSKY	DIRECT	MUSAK
N233A	ALLEX	DIRECT	MUSAK
N235A	MIILS	TAGRA	MUSAK
N237A	MIILS	DIRECT	MUSAK
N239A	CEFOU	DIRECT	MUSAK
N241A	WHALE	GAYBL	MUSAK

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N243A	WHALE	SCOTS	MUSAK
N245A	KANNI	SCOTS	MUSAK
N909A	TUSKY	SCOTS	MUSAK
N911A	EBONY	DIRECT	MUSAK
N913A	TOPPS	DIRECT	MUSAK
N915A	DANOL	DIRECT	MUSAK
N247A	VITOL	DIRECT	JOOPY
N249A	VITOL	GAYBL	JOOPY
N251A	WHALE	DIRECT	JOOPY
N253A	KANNI	DIRECT	JOOPY
N255A	BRADD	DIRECT	JOOPY
N257A	BRADD	SCOTS	JOOPY
N259A	KANNI	ACADN	JOOPY
N261A	TUSKY	DIRECT	JOOPY
N263A	ALLEX	DIRECT	JOOPY
N265A	MIILS	TAGRA	JOOPY
N267A	MIILS	VINSI	JOOPY
N269A	MIILS	DIRECT	JOOPY
N271A	CEFOU	DIRECT	JOOPY
N273A	WHALE	SCOTS	JOOPY
N275A	KANNI	SCOTS	JOOPY
N277A	EBONY	DIRECT	JOOPY
N917A	TOPPS	DIRECT	JOOPY
N919A	DANOL	DIRECT	JOOPY
N931A	BRADD	ACADN	JOOPY
N279A	WHALE	DIRECT	IBERG
N281A	WHALE	SCOTS	IBERG
N283A	WHALE	ACADN	IBERG
N285A	BRADD	DIRECT	IBERG
N287A	KANNI	DIRECT	IBERG
N289A	KANNI	ACADN	IBERG
N291A	TUSKY	DIRECT	IBERG
N293A	ALLEX	DIRECT	IBERG
N295A	EBONY	DIRECT	IBERG
N297A	TOPPS	DIRECT	IBERG
N299A	MIILS	VINSI	IBERG
N301B	MIILS	DIRECT	IBERG
N303B	CEFOU	DIRECT	IBERG
N305A	DANOL	DIRECT	IBERG
N309A	WHALE	SCOTS	ELSIR
N311A	WHALE	ACADN	ELSIR
N313A	WHALE	DIRECT	ELSIR
N315A	KANNI	SCOTS	ELSIR

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N317A	KANNI	DIRECT	ELSIR
N319A	BRADD	DIRECT	ELSIR
N321A	TUSKY	DIRECT	ELSIR
N323A	ALLEX	DIRECT	ELSIR
N325A	EBONY	DIRECT	ELSIR
N327B	TOPPS	DIRECT	ELSIR
N329B	MIILS	DIRECT	ELSIR
N331B	CEFOU	LOPRO	ELSIR
N333B	CEFOU	DIRECT	ELSIR
N335A	BAREE	DIRECT	ELSIR
N337A	ANCER	DIRECT	ELSIR
N921A	KANNI	ACADN	ELSIR
N923A	DANOL	DIRECT	ELSIR
N339A	WHALE	DIRECT	BUDAR
N341A	WHALE	SCOTS	BUDAR
N343A	WHALE	ACADN	BUDAR
N345A	KANNI	DIRECT	BUDAR
N347A	KANNI	ACADN	BUDAR
N349A	BRADD	DIRECT	BUDAR
N351B	TUSKY	DIRECT	BUDAR
N353B	ALLEX	DIRECT	BUDAR
N355B	EBONY	DIRECT	BUDAR
N357B	TOPPS	DIRECT	BUDAR
N359B	MIILS	DIRECT	BUDAR
N361B	MIILS	LOPRO	BUDAR
N363A	CEFOU	MIGLI	BUDAR
N365A	CEFOU	DIRECT	BUDAR
N367A	BAREE	DIRECT	BUDAR
N369A	ANCER	DIRECT	BUDAR
N371A	DANOL	DIRECT	BUDAR
N373A	KANNI	DIRECT	ALLRY
N375A	BRADD	DIRECT	ALLRY
N377A	TUSKY	DIRECT	ALLRY
N379A	ALLEX	DIRECT	ALLRY
N381B	EBONY	DIRECT	ALLRY
N383B	TOPPS	DIRECT	ALLRY
N385B	MIILS	DIRECT	ALLRY
N387B	CEFOU	MIGLI	ALLRY
N389B	CEFOU	DIRECT	ALLRY
N391A	BAREE	DIRECT	ALLRY
N393A	ANCER	DIRECT	ALLRY
N395A	DANOL	DIRECT	ALLRY
N397A	TAFFY	DIRECT	ALLRY

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N403A	KANNI	DIRECT	UMESI
N405A	BRADD	DIRECT	UMESI
N407A	TUSKY	DIRECT	UMESI
N409A	ALLEX	DIRECT	UMESI
N411B	EBONY	DIRECT	UMESI
N413B	TOPPS	DIRECT	UMESI
N415B	MIILS	DIRECT	UMESI
N417B	CEFOU	DIRECT	UMESI
N419B	BAREE	DIRECT	UMESI
N421A	ANCER	DIRECT	UMESI
N423A	DANOL	DIRECT	UMESI
N425A	TAFFY	DIRECT	UMESI
N431A	KANNI	DIRECT	TUDEP
N433A	BRADD	DIRECT	TUDEP
N435A	TUSKY	DIRECT	TUDEP
N437A	ALLEX	DIRECT	TUDEP
N439A	EBONY	DIRECT	TUDEP
N441A	TOPPS	DIRECT	TUDEP
N443A	MIILS	DIRECT	TUDEP
N445A	BAREE	DIRECT	TUDEP
N447A	ANCER	DIRECT	TUDEP
N449A	DANOL	DIRECT	TUDEP
N451A	TAFFY	DIRECT	TUDEP
N453A	CEFOU	DIRECT	TUDEP
N461A	KANNI	DIRECT	SAXAN
N463A	BRADD	DIRECT	SAXAN
N465A	TUSKY	DIRECT	SAXAN
N467A	ALLEX	DIRECT	SAXAN
N469A	EBONY	DIRECT	SAXAN
N471A	TOPPS	DIRECT	SAXAN
N473A	MIILS	DIRECT	SAXAN
N475A	TAFFY	DIRECT	SAXAN
N477A	BAREE	DIRECT	SAXAN
N479A	ANCER	DIRECT	SAXAN
N481A	DANOL	DIRECT	SAXAN
N483A	CEFOU	DIRECT	SAXAN
N491A	BRADD	DIRECT	RIKAL
N493A	TUSKY	DIRECT	RIKAL
N495C	ALLEX	DIRECT	RIKAL
N497C	EBONY	DIRECT	RIKAL
N499A	TOPPS	DIRECT	RIKAL
N501A	MIILS	DIRECT	RIKAL
N503A	TAFFY	DIRECT	RIKAL

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N505A	BAREE	DIRECT	RIKAL
N507A	ANCER	DIRECT	RIKAL
N509A	DANOL	DIRECT	RIKAL
N511A	CEFOU	DIRECT	RIKAL
N521A	BRADD	DIRECT	PELTU
N523A	TUSKY	DIRECT	PELTU
N525A	ALLEX	DIRECT	PELTU
N527A	EBONY	DIRECT	PELTU
N529A	TOPPS	DIRECT	PELTU
N531A	MIILS	DIRECT	PELTU
N533A	TAFFY	DIRECT	PELTU
N535A	BAREE	DIRECT	PELTU
N537A	ANCER	DIRECT	PELTU
N539A	DANOL	DIRECT	PELTU
N541A	CEFOU	DIRECT	PELTU
N553A	TUSKY	DIRECT	NEEKO
N555A	EBONY	DIRECT	NEEKO
N557A	TOPPS	DIRECT	NEEKO
N559A	TAFFY	DIRECT	NEEKO
N561A	BAREE	DIRECT	NEEKO
N563A	MIILS	DIRECT	NEEKO
N565A	ANCER	DIRECT	NEEKO
N567A	ALLEX	DIRECT	NEEKO
N569A	DANOL	DIRECT	NEEKO
N571A	QUBIS	DIRECT	NEEKO
N573A	CEFOU	DIRECT	NEEKO
N583A	ALLEX	DIRECT	MELDI
N585A	EBONY	DIRECT	MELDI
N587A	TOPPS	DIRECT	MELDI
N589A	MIILS	DIRECT	MELDI
N591A	TAFFY	DIRECT	MELDI
N593A	QUBIS	DIRECT	MELDI
N595A	ANCER	DIRECT	MELDI
N597A	BAREE	DIRECT	MELDI
N599A	DANOL	DIRECT	MELDI
N601A	CEFOU	DIRECT	MELDI
N613A	ALLEX	DIRECT	LOMSI
N615A	EBONY	DIRECT	LOMSI
N617A	TOPPS	DIRECT	LOMSI
N619A	MIILS	DIRECT	LOMSI
N621A	TAFFY	DIRECT	LOMSI
N623A	QUBIS	DIRECT	LOMSI

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N625A	ANCER	DIRECT	LOMSI
N627A	BAREE	DIRECT	LOMSI
N629A	CEFOU	DIRECT	LOMSI
N631A	DANOL	DIRECT	LOMSI
N643A	ALLEX	DIRECT	KODIK
N645A	EBONY	DIRECT	KODIK
N647A	TOPPS	DIRECT	KODIK
N649A	MIILS	DIRECT	KODIK
N651A	TAFFY	DIRECT	KODIK
N653A	QUBIS	DIRECT	KODIK
N655A	ANCER	DIRECT	KODIK
N657A	BAREE	DIRECT	KODIK
N659A	CEFOU	DIRECT	KODIK
N661A	DANOL	DIRECT	KODIK
N673A	ALLEX	DIRECT	JANJO
N675A	EBONY	DIRECT	JANJO
N677A	TOPPS	DIRECT	JANJO
N679A	MIILS	DIRECT	JANJO
N681A	TAFFY	DIRECT	JANJO
N683A	QUBIS	DIRECT	JANJO
N685A	ANCER	DIRECT	JANJO
N687A	BAREE	DIRECT	JANJO
N689A	CEFOU	DIRECT	JANJO
N703A	ALLEX	DIRECT	IRLOK
N705A	EBONY	SERBO	IRLOK
N707A	TOPPS	SERBO	IRLOK
N709A	MIILS	DIRECT	IRLOK
N711A	TAFFY	DIRECT	IRLOK
N713A	QUBIS	DIRECT	IRLOK
N715A	ANCER	DIRECT	IRLOK
N717A	BAREE	DIRECT	IRLOK
N719A	CEFOU	DIRECT	IRLOK
N733A	EBONY	DIRECT	HOIST
N735A	TOPPS	DIRECT	HOIST
N737A	MIILS	DIRECT	HOIST
N739A	TAFFY	DIRECT	HOIST
N741A	QUBIS	DIRECT	HOIST
N743A	BAREE	DIRECT	HOIST
N745A	ANCER	YBC	HOIST
N747A	CEFOU	DIRECT	HOIST
N763A	EBONY	DIRECT	ENNSO
N765A	TOPPS	DIRECT	ENNSO

NAR OVERVIEW - EASTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Inland Navigation Fix	Route Description	Oceanic Entry Point
N767A	MIILS	DIRECT	ENNSO
N769A	TAFFY	DIRECT	ENNSO
N771A	QUBIS	DIRECT	ENNSO
N773A	BAREE	DIRECT	ENNSO
N775A	ANCER	YBC	ENNSO
N777A	CEFOU	DIRECT	ENNSO
N793A	TOPPS	DIRECT	DORYY
N795A	MIILS	DIRECT	DORYY
N797A	TAFFY	DIRECT	DORYY
N799A	QUBIS	DIRECT	DORYY
N801A	BAREE	YBC	DORYY
N803A	ANCER	YBC	DORYY
N805A	CEFOU	DIRECT	DORYY
N815A	BAREE	DIRECT	CUDDY
N823A	TOPPS	DIRECT	BOKTO
N825A	BAREE	DIRECT	BOKTO
N827A	TAFFY	DIRECT	BOKTO
N829A	CEFOU	DIRECT	BOKTO
N831A	BAREE	DIRECT	BOKTO
N925A	ANCER	YBC	BOKTO
N833A	TOPPS	DIRECT	AVUTI
N835A	TAFFY	DIRECT	AVUTI
N837A	QUBIS	DIRECT	AVUTI
N839A	BAREE	DUVBI	AVUTI
N841C	BAREE	KISUV TABRU	AVUTI
N843A	BAREE	DIRECT	AVUTI
N845A	ANCER	YBC	AVUTI
N847A	CEFOU	DIRECT	AVUTI
N855A	TAFFY	DUVBI	VESMI
N857A	QUBIS	DUVBI	VESMI
N859A	BAREE	DUVBI	VESMI
N861A	ANCER	YBC	VESMI
N863A	CEFOU	DIRECT	VESMI
N875A	TAFFY	YDP	URTAK
N877A	QUBIS	YDP	URTAK
N879A	BAREE	YDP	URTAK
N881A	ANCER	YBC YDP	URTAK
N883A	CEFOU	YDP	URTAK

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N4A	SLATN	DIRECT	BERGH
N12E	JOBOC	DIRECT	BERGH
N14C	JOBOC	DIRECT	SAILE
N20B	DOVEY	DIRECT	SAILE
N26B	CARAC	DIRECT	VITOL
N28B	CARAC	DIRECT	WHALE
N30B	CARAC	DIRECT	KANNI
N32B	CARAC	DIRECT	BRADD
N34C	CARAC	DIRECT	TUSKY
N36A	CARAC	DIRECT	TOPPS
N38A	CARAC	DIRECT	MIILS
N46G	JAROM	LOMPI CARAC	VITOL
N48G	JAROM	LOMPI GAYBL	VITOL
N50G	JAROM	LOMPI	WHALE
N52G	JAROM	LOMPI GAYBL	WHALE
N54G	JAROM	LOMPI	KANNI
N56G	JAROM	LOMPI	BRADD
N58E	JAROM	LOMPI	TUSKY
N60E	JAROM	LOMPI SCOTS	TUSKY
N62C	JAROM	LOMPI	TOPPS
N64A	JAROM	LOMPI	MIILS
N76A	RAFIN	NANSO	VITOL
N78A	RAFIN	NANSO GAYBL	VITOL
N80A	RAFIN	NANSO	WHALE
N82A	RAFIN	NANSO	KANNI
N84B	RAFIN	NANSO GAYBL	KANNI
N86B	RAFIN	DIRECT	BRADD
N88B	RAFIN	NANSO SCOTS	BRADD
N90B	RAFIN	DIRECT	TUSKY
N92A	RAFIN	ACADN	TUSKY
N94A	RAFIN	DIRECT	MIILS
N106B	SUPRY	DIRECT	VITOL
N108B	SUPRY	GAYBL	VITOL
N110B	SUPRY	DIRECT	WHALE
N112E	SUPRY	GAYBL	WHALE
N114G	SUPRY	DIRECT	KANNI
N116B	SUPRY	GAYBL	KANNI
N118B	SUPRY	DIRECT	BRADD
N120B	SUPRY	SCOTS	BRADD

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N122A	SUPRY	DIRECT	TUSKY
N124A	SUPRY	ACADN	TUSKY
N126A	SUPRY	DIRECT	MIILS
N136A	RELIC	DIRECT	VITOL
N138A	RELIC	GAYBL	VITOL
N140A	RELIC	DIRECT	WHALE
N142E	RELIC	GAYBL	WHALE
N144E	RELIC	SCOTS	WHALE
N146E	RELIC	DIRECT	KANNI
N148E	RELIC	GAYBL	KANNI
N150C	RELIC	SCOTS	KANNI
N152B	RELIC	DIRECT	BRADD
N154B	RELIC	SCOTS	BRADD
N156A	RELIC	DIRECT	TUSKY
N158A	RELIC	SCOTS	TUSKY
N160A	RELIC	DIRECT	ALLEX
N162A	RELIC	DIRECT	EBONY
N164A	RELIC	DIRECT	TOPPS
N166B	RELIC	DIRECT	MIILS
N174C	PORTI	DIRECT	VITOL
N176C	PORTI	GAYBL	VITOL
N178A	PORTI	DIRECT	WHALE
N180B	PORTI	GAYBL	WHALE
N182B	PORTI	DIRECT	KANNI
N184A	PORTI	GAYBL	KANNI
N186A	PORTI	DIRECT	BRADD
N188A	PORTI	SCOTS	BRADD
N190A	PORTI	DIRECT	TUSKY
N192A	PORTI	ACADN	TUSKY
N194A	PORTI	DIRECT	ALLEX
N196B	PORTI	DIRECT	EBONY
N198B	PORTI	DIRECT	TOPPS
N200E	PORTI	DIRECT	HULTN
N202E	PORTI	DIRECT	MIILS
N210B	OMSAT	DIRECT	VITOL
N212B	OMSAT	GAYBL	VITOL
N214A	OMSAT	DIRECT	WHALE
N216A	OMSAT	GAYBL	WHALE
N218A	OMSAT	DIRECT	KANNI
N220A	OMSAT	SCOTS	KANNI
N222A	OMSAT	DIRECT	BRADD
N224A	OMSAT	SCOTS	BRADD

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N226B	OMSAT	DIRECT	TUSKY
N228B	OMSAT	ACADN	TUSKY
N230B	OMSAT	DIRECT	ALLEX
N232B	OMSAT	DIRECT	EBONY
N234B	OMSAT	DIRECT	TOPPS
N236B	OMSAT	DIRECT	HULTN
N238B	OMSAT	DIRECT	MIILS
N246A	NICSO	DIRECT	VITOL
N248A	NICSO	DIRECT	WHALE
N250A	NICSO	SCOTS	BRADD
N252A	NICSO	ACADN	TUSKY
N254A	NICSO	DIRECT	KANNI
N256B	NICSO	DIRECT	BRADD
N258B	NICSO	DIRECT	TUSKY
N260B	NICSO	DIRECT	ALLEX
N262B	NICSO	DIRECT	EBONY
N264B	NICSO	DIRECT	TOPPS
N266A	NICSO	DIRECT	HULTN
N268A	NICSO	DIRECT	MIILS
N270A	NICSO	DIRECT	ANATI
N278C	MUSAK	GAYBL	VITOL
N280B	MUSAK	DIRECT	VITOL
N282A	MUSAK	SCOTS	WHALE
N284A	MUSAK	DIRECT	WHALE
N286A	MUSAK	SCOTS	KANNI
N288A	MUSAK	DIRECT	KANNI
N292A	MUSAK	DIRECT	BRADD
N294A	MUSAK	SCOTS	BRADD
N296B	MUSAK	DIRECT	TUSKY
N298B	MUSAK	DIRECT	ALLEX
N302G	MUSAK	DIRECT	EBONY
N304C	MUSAK	DIRECT	TOPPS
N306A	MUSAK	DIRECT	HULTN
N308A	MUSAK	DIRECT	MIILS
N310A	MUSAK	DIRECT	ANATI
N318B	JOOPY	DIRECT	VITOL
N322B	JOOPY	DIRECT	WHALE
N324B	JOOPY	DIRECT	KANNI
N326A	JOOPY	DIRECT	BRADD
N328A	JOOPY	DIRECT	TUSKY
N332A	JOOPY	DIRECT	ALLEX
N334A	JOOPY	DIRECT	EBONY

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N336B	JOOPY	DIRECT	TOPPS
N338B	JOOPY	DIRECT	HULTN
N342B	JOOPY	DIRECT	MIILS
N344B	JOOPY	DIRECT	ANATI
N354A	IBERG	DIRECT	VITOL
N356G	IBERG	DIRECT	WHALE
N358B	IBERG	DIRECT	KANNI
N362B	IBERG	DIRECT	BRADD
N364A	IBERG	DIRECT	TUSKY
N366A	IBERG	DIRECT	ALLEX
N368A	IBERG	DIRECT	EBONY
N372A	IBERG	DIRECT	TOPPS
N374A	IBERG	DIRECT	HULTN
N376B	IBERG	DIRECT	MIILS
N378B	IBERG	DIRECT	ANATI
N388A	ELSIR	DIRECT	VITOL
N392A	ELSIR	DIRECT	WHALE
N394A	ELSIR	DIRECT	KANNI
N396B	ELSIR	DIRECT	BRADD
N398B	ELSIR	DIRECT	TUSKY
N402C	ELSIR	DIRECT	ALLEX
N404E	ELSIR	DIRECT	EBONY
N406A	ELSIR	DIRECT	TOPPS
N408A	ELSIR	DIRECT	HULTN
N412A	ELSIR	DIRECT	MIILS
N414A	ELSIR	DIRECT	ANATI
N424K	BUDAR	DIRECT	VITOL
N426A	BUDAR	DIRECT	WHALE
N428A	BUDAR	DIRECT	KANNI
N432A	BUDAR	DIRECT	BRADD
N434A	BUDAR	DIRECT	TUSKY
N436B	BUDAR	DIRECT	ALLEX
N438B	BUDAR	DIRECT	EBONY
N442E	BUDAR	DIRECT	TOPPS
N444A	BUDAR	DIRECT	HULTN
N446A	BUDAR	DIRECT	MIILS
N448A	BUDAR	DIRECT	ANATI
N458B	ALLRY	DIRECT	VITOL
N462C	ALLRY	DIRECT	WHALE
N464E	ALLRY	DIRECT	KANNI
N466A	ALLRY	DIRECT	BRADD

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N468A	ALLRY	DIRECT	TUSKY
N472A	ALLRY	DIRECT	ALLEX
N474A	ALLRY	DIRECT	EBONY
N476B	ALLRY	DIRECT	TOPPS
N478B	ALLRY	DIRECT	HULTN
N482C	ALLRY	DIRECT	MIILS
N484E	ALLRY	DIRECT	ANATI
N492A	UMESI	DIRECT	KANNI
N494A	UMESI	DIRECT	BRADD
N496G	UMESI	DIRECT	TUSKY
N498E	UMESI	DIRECT	ALLEX
N500C	UMESI	DIRECT	EBONY
N502G	UMESI	DIRECT	TOPPS
N504A	UMESI	DIRECT	HULTN
N506A	UMESI	DIRECT	MIILS
N508A	UMESI	DIRECT	ANATI
N510A	UMESI	ANATI OMALI TOXAL	KJOHN
N518B	TUDEP	DIRECT	BRADD
N520C	TUDEP	DIRECT	TUSKY
N522E	TUDEP	DIRECT	ALLEX
N524A	TUDEP	DIRECT	EBONY
N526A	TUDEP	DIRECT	TOPPS
N528A	TUDEP	DIRECT	HULTN
N530A	TUDEP	DIRECT	MIILS
N532A	TUDEP	DIRECT	ANATI
N534A	TUDEP	ANATI OMALI TOXAL	KJOHN
N542C	SAXAN	DIRECT	BRADD
N544E	SAXAN	DIRECT	TUSKY
N546A	SAXAN	DIRECT	ALLEX
N548A	SAXAN	DIRECT	EBONY
N550A	SAXAN	DIRECT	TOPPS
N552A	SAXAN	DIRECT	HULTN
N554A	SAXAN	DIRECT	MIILS
N556B	SAXAN	DIRECT	ANATI
N558B	SAXAN	ANATI OMALI TOXAL	KJOHN
N566A	RIKAL	DIRECT	TUSKY
N568A	RIKAL	DIRECT	ALLEX
N570A	RIKAL	DIRECT	EBONY
N572A	RIKAL	DIRECT	TOPPS
N574A	RIKAL	DIRECT	HULTN
N576B	RIKAL	DIRECT	ANATI

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N578B	RIKAL	ANATI OMALI TOXAL	KJOHN
N586A	PELTU	DIRECT	TUSKY
N588A	PELTU	DIRECT	ALLEX
N590A	PELTU	DIRECT	EBONY
N592A	PELTU	DIRECT	TOPPS
N594A	PELTU	DIRECT	HULTN
N596B	PELTU	DIRECT	MIILS
N598E	PELTU	DIRECT	TAFFY
N600B	PELTU	DIRECT	ANATI
N602E	PELTU	ANATI OMALI TOXAL	KJOHN
N610A	NEEKO	DIRECT	TUSKY
N612A	NEEKO	DIRECT	ALLEX
N614A	NEEKO	DIRECT	EBONY
N616B	NEEKO	DIRECT	TOPPS
N618B	NEEKO	DIRECT	HULTN
N620C	NEEKO	DIRECT	MIILS
N622E	NEEKO	DIRECT	TAFFY
N624C	NEEKO	DIRECT	ANATI
N626A	NEEKO	ANATI OMALI TOXAL	KJOHN
N634A	MELDI	DIRECT	TUSKY
N636C	MELDI	DIRECT	EBONY
N638B	MELDI	DIRECT	TOPPS
N640C	MELDI	DIRECT	HULTN
N642B	MELDI	DIRECT	MIILS
N644E	MELDI	DIRECT	TAFFY
N646A	MELDI	DIRECT	QUBIS
N648A	MELDI	DIRECT	ANATI
N650A	MELDI	ANATI OMALI TOXAL	KJOHN
N658B	LOMSI	DIRECT	TUSKY
N660C	LOMSI	DIRECT	EBONY
N662C	LOMSI	DIRECT	TOPPS
N664A	LOMSI	DIRECT	HULTN
N666A	LOMSI	DIRECT	MIILS
N668A	LOMSI	DIRECT	TAFFY
N670A	LOMSI	DIRECT	QUBIS
N672A	LOMSI	DIRECT	ANATI
N674A	LOMSI	ANATI OMALI TOXAL	KJOHN
N682B	KODIK	DIRECT	TUSKY
N684C	KODIK	DIRECT	TOPPS
N686A	KODIK	DIRECT	MIILS

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N688A	KODIK	DIRECT	TAFFY
N690A	KODIK	DIRECT	QUBIS
N692A	KODIK	DIRECT	YBC
N694A	KODIK	DIRECT	ANATI
N696B	KODIK	ANATI OMALI TOXAL	KJOHN
N704B	JANJO	DIRECT	TUSKY
N706B	JANJO	DIRECT	TOPPS
N708B	JANJO	DIRECT	MIILS
N710B	JANJO	DIRECT	TAFFY
N712B	JANJO	DIRECT	QUBIS
N714B	JANJO	DIRECT	YBC
N716B	JANJO	ANATI OMALI TOXAL	KJOHN
N724A	IRLOK	DIRECT	MIILS
N726B	IRLOK	DIRECT	TAFFY
N728B	IRLOK	DIRECT	QUBIS
N730C	IRLOK	DIRECT	ANATI
N732B	IRLOK	DIRECT	YBC
N734C	IRLOK	ANATI OMALI TOXAL	KJOHN
N736B	IRLOK	OMTOL	MT
N744A	HOIST	DIRECT	MIILS
N746B	HOIST	DIRECT	TAFFY
N748B	HOIST	DIRECT	QUBIS
N750B	HOIST	DIRECT	YBC
N752B	HOIST	ANATI OMALI TOXAL	KJOHN
N754B	HOIST	OMTOL	MT
N756C	HOIST	YYR	ANATI
N764A	ENNSO	DIRECT	MIILS
N766A	ENNSO	DIRECT	TAFFY
N768A	ENNSO	DIRECT	QUBIS
N770A	ENNSO	DIRECT	ANATI
N772A	ENNSO	DIRECT	YBC
N774A	ENNSO	ANATI OMALI TOXAL	KJOHN
N776B	ENNSO	OMTOL	MT
N784B	DORYY	BORUB	TABRU
N786A	DORYY	DIRECT	TAFFY
N788A	DORYY	DIRECT	QUBIS
N790A	DORYY	DIRECT	YBC
N792A	DORYY	ANATI OMALI TOXAL	KJOHN
N800B	CUDDY	DIRECT	MIILS

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N802B	CUDDY	DIRECT	TAFFY
N804B	CUDDY	DIRECT	QUBIS
N806B	CUDDY	DIRECT	MT
N808B	CUDDY	NOWAA	SSM
N810B	CUDDY	DIRECT	YBC
N812A	CUDDY	DIRECT	ANATI
N814A	CUDDY	ANATI OMALI TOXAL	KJOHN
N822B	BOKTO	DIRECT	DUVBI
N824A	BOKTO	DUVBI	YBC
N826A	BOKTO	DUVBI	QUBIS
N828A	BOKTO	DUVBI	MT
N830A	BOKTO	PUVOK	ROUND
N838B	AVUTI	DIRECT	YDP
N840B	AVUTI	DIRECT	DUVBI
N842B	AVUTI	DUVBI	TAFFY
N844A	AVUTI	DUVBI	QUBIS
N846B	AVUTI	YDP	YBC
N848B	AVUTI	YDP	MT
N850B	AVUTI	YDP MT REEDO ART	SYR
N852A	AVUTI	YDP	ROUND
N854A	AVUTI	YDP JOVIE HENDY SELBO CANSO	SSM
N856B	AVUTI	YDP ROUND	SSM
N858B	AVUTI	ALSOP	TEALS
N866B	VESMI	DIRECT	ALSOP
N868B	VESMI	LOMTA	TEALS
N870A	VESMI	ALSOP PUVOK	ROUND
N872A	VESMI	ALSOP JOVIE	MT
N874A	VESMI	ALSOP	YBC
N876B	VESMI	ALSOP	QUBIS
N878B	VESMI	ALSOP	TAFFY
N886B	URTAK	DIRECT	ALSOP
N888B	URTAK	DIRECT	LOMTA
N890A	URTAK	LOMTA	TAFFY
N892A	URTAK	LOMTA	QUBIS
N894A	URTAK	LOMTA	YBC
N896B	URTAK	LOMTA YBC OMALI TOXAL	KJOHN
N898B	URTAK	LOMTA	VANSI
N900A	URTAK	LOMTA VANSI STAFE	SSM
N902A	URTAK	UDMAR	MCKEE
N910A	TOXIT	DIRECT	UDMAR

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N912A	TOXIT	UDMAR	QUBIS
N914A	TOXIT	LAKES	YBC
N916A	TOXIT	DIRECT	LAKES
N918A	TOXIT	UDMAR	TEALS
N926A	SAVRY	DIRECT	IRBIM
N928A	SAVRY	IRBIM	TAFFY
N930A	SAVRY	IRBIM	YBC
N932A	SAVRY	IRBIM	MT
N934A	SAVRY	IRBIM MT REEDO ART	SYR
N936A	SAVRY	DIRECT	LAKES
N938A	SAVRY	DIRECT	SINGA
N940A	SAVRY	DIRECT	UDMAR
N948A	RADUN	DIRECT	SINGA
N950A	RADUN	SINGA	LAKES
N952A	RADUN	DIRECT	KLIPS
N954A	RADUN	PEPKI	LOPVI
N962A	PIDSO	DIRECT	SINGA
N964A	PIDSO	DIRECT	PEPKI
N966A	PIDSO	PEPKI	LOPVI
N968A	PIDSO	MUSLO	RODBO
N974A	NIFTY	DIRECT	MUSLO
N976A	NIFTY	MUSLO	SEMTO
N978A	NIFTY	MUSLO	LOPVI
N984A	MAXAR	DIRECT	MIBNO
N986A	MAXAR	MIBNO	RODBO
N988A	MAXAR	DIRECT	MUSLO
N990A	MAXAR	MUSLO	LOPVI
N996A	LIBOR	DIRECT	RODBO
N998A	LIBOR	GRIBS	JELCO
N1004A	KETLA	DIRECT	GRIBS
N1006A	KETLA	GRIBS	JELCO
N1008A	KETLA	DIRECT	FEDDY
N1014A	EMBOK	IKMAN	FEDDY
N1016A	EMBOK	BERUS	TEFFO
N1022A	CLAVY	KAGLY	TEFFO
N1024A	CLAVY	DIRECT	MUSVA

NAR OVERVIEW - WESTBOUND ROUTES COMMON PORTION (Cont'd)

NAR Designator	Oceanic Exit Point	Route Description	Inland Navigation Fix
N1028A	AVPUT	NALDI	DUTUM

WESTBOUND ROUTES NON-COMMON PORTION

VIA ALLEX

ALLEX	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
ALLEX	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
ALLEX	SCUPP	Bedford
ALLEX	AJJAY OOSHN (RNAV)-STAR	Boston
ALLEX	ENE KEYNN	Bradley
ALLEX	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
ALLEX	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
ALLEX	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
ALLEX	GONZZ DONEO TPGUN (RNAV)-STAR	Detroit
ALLEX	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
ALLEX	KAYCC KYLOH BAF HYPER (RNAV)-STAR	Dulles
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
ALLEX	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
ALLEX	ENE PARCH Arrival	Kennedy
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
ALLEX	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
ALLEX	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
ALLEX	HANAA FLOSI (RNAV)-STAR	Newark
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
ALLEX	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
ALLEX	ENE CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
ALLEX	FOXBO RIFLE Q167 KALDA COUPN RDU	Pope
ALLEX	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

ALLEX	ALB V123 TRESA	Stewart
ALLEX	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
ALLEX	ALB V489 COATE	Teterboro
ALLEX	ALB Valre Arrival	Westchester
ALLEX	LFV SEY ARCAV HTO	Westhampton Beach

VIA ANATI (Rivière-du-Loup)

ANATI	POLTY Q804 DERLO DJB J83 APE SPAYD HLRRY ONDRE (RNAV)–STAR	Atlanta
ANATI	KAPUX HOCKE FNT WYNDE ARR	Chicago
ANATI	POLTY Q804 DERLO WWSHR UKATS TIGRR (RNAV)-STAR	Cincinnati
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
ANATI	BOBTA TPGUN (RNAV)-STAR	Detroit
ANATI	BOBTA CUUGR (RNAV)-STAR	Detroit
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
ANATI	CATOG DIRECT	Montréal/Mirabel
ANATI	DEBUS OMBRE Arrival	Montréal/Pierre E Trudeau
ANATI	ROSVO ECK GIJ RBS AARCH (RNAV)-STAR	St. Louis
ANATI	POLTY IMEBA Arrival	Toronto

VIA BRADD

BRADD	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
BRADD	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
BRADD	BOS Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
BRADD	SCUPP	Bedford
BRADD	EURRO OOSHN (RNAV)-STAR	Boston
BRADD	BOS V1 GRAYM WITNY	Bradley
BRADD	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
BRADD	BOS Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
BRADD	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
BRADD	GONZZ DONEO TPGUN (RNAV)-STAR	Detroit
BRADD	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
BRADD	BOS BAF HYPER Arrival	Dulles
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
BRADD	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
BRADD	PLYMM PARCH Arrival	Kennedy
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
BRADD	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
BRADD	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
BRADD	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
BRADD	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
BRADD	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
BRADD	FOXBO RIFLE Q167 KALDA COUPN RDU	Pope
BRADD	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
BRADD	COPLY BOS NELIE T212 TRESA	Stewart
BRADD	BOS Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
BRADD	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
BRADD	COPLY BOS NELIE VALRE Valre Arrival	Westchester
BRADD	LFV SEY ARCAV HTO	Westhampton Beach

VIA DOVEY

DOVEY	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
DOVEY	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
DOVEY	SCUPP	Bedford
DOVEY	FERNZ OOSHN (RNAV)-STAR	Boston
DOVEY	BOS V1 GRAYM WITNY	Bradley
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
DOVEY	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
DOVEY	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
DOVEY	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	Detroit
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS SIE	Dover
DOVEY	ACK Q430 RBV HYPER (RNAV)-STAR	Dulles
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

DOVEY	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
DOVEY	PLYMM PARCH (RNAV)-STAR	Kennedy
DOVEY	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
DOVEY	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
DOVEY	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
DOVEY	ACK Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
DOVEY	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
DOVEY	ACK Q430 RIFLE Q167 KALDA COUPN RDU	Pope
DOVEY	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
DOVEY	COPLY BOS NELIE T212 TRESA	Stewart
DOVEY	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
DOVEY	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
DOVEY	COPLY BOS NELIE VALRE VALRE - STAR	Westchester
DOVEY	SEY ARCAV HTO	Westhampton Beach

VIA EBONY

EBONY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
EBONY	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
EBONY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
EBONY	ENE LWRNC	Bedford
EBONY	AJJAY OOSHN (RNAV)-STAR	Boston
EBONY	ENE KEYNN	Bradley
EBONY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
EBONY	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
EBONY	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR(RNAV)-STAR	Dallas/Ft. Worth
EBONY	GONZZ DONEO TPGUN (RNAV)-STAR	Detroit

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

EBONY	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
EBONY	KAYCC KYLOH BAF HYPER (RNAV)-STAR	Dulles
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
EBONY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
EBONY	ENE PARCH Arrival	Kennedy
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
EBONY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
EBONY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
EBONY	HANAA FLOSI (RNAV)-STAR	Newark
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
EBONY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
EBONY	ENE CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
EBONY	FOXBO RIFLE Q167 KALDA COUPN RDU	Pope
EBONY	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
EBONY	ALB V123 TRESA	Stewart
EBONY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
EBONY	ALB V489 COATE	Teterboro
EBONY	ALB Valre Arrival	Westchester
EBONY	LFV SEY ARCAV HTO	Westhampton Beach

VIA HULTN

HULTN	CBIRD ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
HULTN	ENE PARCH (RNAV)-STAR	Kennedy
HULTN	CBIRD HANAA FLOSI (RNAV)-STAR	Newark
HULTN	CBIRD ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
HULTN	CBIRD ALB V123 TRESA	Stewart
HULTN	CBIRD ALB V489 COATE	Teterboro
HULTN	CBIRD ALB VALRE (RNAV)-STAR	Westchester

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

VIA KANNI

KANNI	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
KANNI	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
KANNI	BOS Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
KANNI	SCUPP	Bedford
KANNI	EURRO OOSHN (RNAV)-STAR	Boston
KANNI	BOS V1 GRAYM WITNY	Bradley
KANNI	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
KANNI	BOS Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
KANNI	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
KANNI	CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	Detroit
KANNI	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
KANNI	BOS BAF HYPER Arrival	Dulles
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
KANNI	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
KANNI	PLYMM PARCH Arrival	Kennedy
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
KANNI	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
KANNI	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
KANNI	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
KANNI	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
KANNI	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
KANNI	FOXBO RIFLE Q167 KALDA COUPN RDU	Pope
KANNI	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
KANNI	COPLY BOS NELIE T212 TRESA	Stewart
KANNI	BOS Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
KANNI	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
KANNI	COPLY BOS NELIE VALRE Valre Arrival	Westchester

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

KANNI	LFV SEY ARCAV HTO	Westhampton Beach

VIA KJOHN

KJOHN	BIZEX Q75 MXE V378 BAL	Andrews
KJOHN	ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
KJOHN	BIZEX Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
KJOHN	BASUU	Bedford
KJOHN	KEYNN	Bradley
KJOHN	BIZEX Q75 GSO OBNEE OSPRI (RNAV)-STAR	Charleston, SC
KJOHN	BIZEX Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
KJOHN	ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
KJOHN	ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
KJOHN	VENTE CCC MANTA Q439 BRIGS SIE	Dover
KJOHN	ALB HYPER (RNAV)-STAR	Dulles
KJOHN	BIZEX Q75 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	Ft. Lauderdale
KJOHN	BIZEX Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
KJOHN	ALB IGN IGN-STAR	Kennedy
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD	Louisville
KJOHN	VENTE CCC MANTA DRIFT T416 CYN	McGuire
KJOHN	ALB BIZEX Q75 SLOJO Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
KJOHN	BIZEX Q75 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	Miami
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
KJOHN	HANAA FLOSI (RNAV)-STAR	Newark
KJOHN	ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
KJOHN	BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	Orlando
KJOHN	BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR	Orlando
KJOHN	ALB DNY SPUDS (RNAV)-STAR	Philadelphia
KJOHN	ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
KJOHN	BIZEX Q75 GVE SBV RDU	Pope
KJOHN	BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
KJOHN	ALB NELIE (RNAV)-STAR	Westhampton Beach

VIA MIILS

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

MIILS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
MIILS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
MIILS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
MIILS	ENE LWRNC	Bedford
MIILS	AJJAY OOSHN (RNAV)-STAR	Boston
MIILS	ENE KEYNN	Bradley
MIILS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
MIILS	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
MIILS	LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	Chicago
MIILS	KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
MIILS	LETAK DEBUM Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
MIILS	TOPPS KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
MIILS	MIILS PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	Detroit
MIILS	BGR LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
MIILS	CBIRD KJOHN ALB HYPER (RNAV)-STAR	Dulles
MIILS	EMJAY J174 SWL CEBEE WETRO ILM AR21 DULEE CUUDA (RNAV)-STAR	Ft. Lauderdale
MIILS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
MIILS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
MIILS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
MIILS	LETAK DEBUM Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
MIILS	ENE PARCH (RNAV)-STAR	Kennedy
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD	Louisville
MIILS	BGR LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
MIILS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO-STAR	Melbourne
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
MIILS	EMJAY J174 SWL CEBEE WETRO DIW AR22 HOAGG SLFSH (RNAV)-STAR	Miami
MIILS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
MIILS	VIVIL ROGSA URVAS DAXES VIBNU DIRECT	Montréal/Mirabel
MIILS	ODBOS OMBRE Arrival	Montréal/Pierre E Trudeau
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

MIILS	CBIRD HANAA FLOSI (RNAV)-STAR	Newark
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
MIILS	BEEKN Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
MIILS	BGR LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
MIILS	CBIRD ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
MIILS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	Pope
MIILS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
MIILS	CBIRD KJOHN ALB V123 TRESA	Stewart
MIILS	ROSVO ECK GIJ RBS AARCH (RNAV)-STAR	St. Louis
MIILS	KAYCC KYLOH NELIE Q75 TEUFL GEEYE JAYJA DADES (RNAV)-STAR	Tampa
MIILS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
MIILS	CBIRD KJOHN ALB V489 COATE	Teterboro
MIILS	LETAK IMEBA Arrival	Toronto
MIILS	CBIRD ALB VALRE (RNAV)-STAR	Westchester
MIILS	LFV SEY ARCAV HTO	Westhampton Beach

VIA MOUGH

MOUGH	Y497 DRIFT Q439 BRIGS SIE	Dover
MOUGH	Y486 CREEL Q430 RBV HYPER (RNAV)-STAR	Dulles
MOUGH	Y495 CAMRN	Kennedy
MOUGH	Y495 OWENZ MANTA Q439 DRIFT T416 CYN	McGuire
MOUGH	Y495 OWENZ DRIFT BRIGS JIIMS (RNAV)-STAR	Philadelphia

VIA MT (Chiboo)

MT	REEDO ART SYR J59 PSB SHILO V93 BAL	Andrews
MT	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	Atlanta
MT	SYR FQM IZZEE TRISH (RNAV)-STAR	Baltimore
MT	REEDO ART SYR FQM HAR EMI J61 HUBBS J193 WEAVR J121 ISO AMYLU (RNAV)-STAR	Charleston, SC
MT	REEDO ART SYR J59 PSB HVQ LNDIZ PARQR (RNAV)-STAR	Charlotte
MT	SSM WYNDE ARR	Chicago
MT	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)-STAR	Cincinnati
MT	REEDO ART SYR GONZZ Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
MT	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	Dallas/Ft. Worth
MT	BOBTA TPGUN (RNAV)-STAR	Detroit
MT	REEDO ART SYR HAR LRP V210 SPERY	Dover
MT	REEDO ART SYR J59 PSB WAYNZ (RNAV)-STAR	Dulles
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	Ft. Lauderdale

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

MT	REEDO ART SYR JHW Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
MT	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
MT	REEDO ART SYR IGN KINGSTON Arrival	Kennedy
MT	REEDO ART SYR CFB LVZ V147 MAZIE	McGuire
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	Miami
MT	OBRET DATAB VIDGO EMPEK SATOT PIGNA	Montréal/Mirabel
MT	OBRET LAFLEUR Arrival	Montréal/Pierre E Trudeau
MT	REEDO ART SYR HNK FLOSI Arrival	Newark
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	Orlando
MT	REEDO ART SYR CFB SPUDS (RNAV)-STAR	Philadelphia
MT	REEDO ART SYR JHW YNG JESEY (RNAV)-STAR	Pittsburgh
MT	REEDO ART SYR ROD VHP AARCH (RNAV)-STAR	St. Louis
MT	TVC OBK J71 RBS AARCH (RNAV)-STAR	St. Louis
MT	REEDO ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL GEEYE JAYJA DADES (RNAV)-STAR	Tampa
MT	ROSVO IMEBA (RNAV) -STAR	Toronto

VIA QUBIS

QUBIS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
QUBIS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
QUBIS	ENE LWRNC	Bedford
QUBIS	AJJAY OOSHN (RNAV)-STAR	Boston
QUBIS	ENE KEYNN	Bradley
QUBIS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
QUBIS	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
QUBIS	CBIRD KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
QUBIS	CBIRD KJOHN ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
QUBIS	QUBIS PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	Detroit
QUBIS	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
QUBIS	CBIRD KJOHN ALB HYPER (RNAV)-STAR	Dulles
QUBIS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
QUBIS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR(RNAV)-STAR	Greer, SC
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

QUBIS	ENE PARCH (RNAV)-STAR	Kennedy
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	Louisville
QUBIS	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
QUBIS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
QUBIS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
QUBIS	CBIRD KJOHN HANAA FLOSI (RNAV)-STAR	Newark
QUBIS	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
QUBIS	BEEKN Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
QUBIS	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
QUBIS	CBIRD KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
QUBIS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	Pope
QUBIS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
QUBIS	CBIRD KJOHN ALB V123 TRESA	Stewart
QUBIS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
QUBIS	CBIRD KJOHN ALB V489 COATE	Teterboro
QUBIS	CBIRD KJOHN ALB VALRE (RNAV)-STAR	Westchester
QUBIS	LFV SEY ARCAV HTO	Westhampton Beach

VIA ROUND

ROUND	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	Atlanta
ROUND	SSM WYNDE ARR	Chicago
ROUND	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)-STAR	Cincinnati
ROUND	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	Dallas/Ft. Worth
ROUND	YVO BOBTA TPGUN (RNAV)-STAR	Detroit
ROUND	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
ROUND	TVC OBK J71 RBS AARCH (RNAV)-STAR	St. Louis
ROUND	ROSVO IMEBA (RNAV) -STAR	Toronto

VIA SAILE

SAILE	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
SAILE	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
SAILE	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
SAILE	SCUPP	Bedford
SAILE	FERNZ OOSHN (RNAV)-STAR	Boston

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

SAILE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
SAILE	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
SAILE	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	Detroit
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS SIE	Dover
SAILE	ACK Q430 RBV HYPER (RNAV)-STAR	Dulles
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
SAILE	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
SAILE	PLYMM PARCH (RNAV)-STAR	Kennedy
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
SAILE	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	Mcguire
SAILE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
SAILE	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
SAILE	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
SAILE	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
SAILE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	Pope
SAILE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
SAILE	COPLY BOS NELIE T212 TRESA	Stewart
SAILE	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
SAILE	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
SAILE	COPLY BOS NELIE VALRE VALRE - STAR	Westchester
SAILE	LFV SEY ARCAV HTO	Westhampton Beach

VIA SSM (Sault Ste Marie)

SSM	GRB J101 BAE J89 OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	Atlanta
SSM	PAITN Arrival	Chicago
SSM	SSM J101 BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	Dallas/Ft. Worth
SSM	GEP J114 ONL ANCHR (RNAV)-STAR	Denver
SSM	STL J101 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
SSM	HHOGS BAINY (RNAV)-STAR	Minneapolis/St. Paul
SSM	TVC OBK J71 RBS AARCH (RNAV)-STAR	St. Louis

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

VIA SYR (Syracuse)

SYR	J59 PSB SHILO V93 BAL	Andrews
SYR	J59 PSB Q71 GEFFS HVQ HLRRY ONDRE (RNAV)-STAR	Atlanta
SYR	SYR J59 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
SYR	FQM IZZEE TRISH (RNAV)-STAR	Baltimore
SYR	EEGUL ZELKA (RNAV)-STAR	Bedford
SYR	ALB STELA (RNAV)-STAR	Bradley
SYR	J59 PSB HVQ LNDIZ PARQR (RNAV)-STAR	Charlotte
SYR	JOSSY MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
SYR	GONZZ Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
SYR	HAR LRP V210 BUNTS	Dover
SYR	J59 PSB WAYNZ (RNAV)-STAR	Dulles
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	Ft. Lauderdale
SYR	J59 PSB Q71 GEFFS HVQ DAJPI RCTOR (RNAV)-STAR	Greer, SC
SYR	GONZZ Q29 HARES SWB ZEEKK(RNAV)-STAR	Houston
SYR	HNK IGN IGN-STAR	Kennedy
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD	Louisville
SYR	PSB HAR LRP V210 BUNTS	McGuire
SYR	J59 PSB QUARM AIR HVQ J85 SPA QUIWE Q93 GIPPL Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
SYR	J59 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL(RNAV)-STAR	Miami
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
SYR	HNK FLOSI Arrival	Newark
SYR	J59 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	Orlando
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT(RNAV)-STAR	Orlando
SYR	CFB SPUDS (RNAV)-STAR	Philadelphia
SYR	JHW ERI YNG JESEY4 PIT	Pittsburgh
SYR	J59 PSB J61 EMI GVE SBV RDU	Pope
SYR	GONZZ Q29 KLYNE ROD VHP AARCH (RNAV)-STAR	St. Louis
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
SYR	ALB NELIE (RNAV)-STAR	Westhampton Beach

VIA TAFFY

TAFFY	PQI Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
TAFFY	KJOHN ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
TAFFY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
TAFFY	ENE LWRNC	Bedford
TAFFY	AJJAY OOSHN (RNAV)-STAR	Boston
TAFFY	ENE KEYNN	Bradley
TAFFY	PQI Q439 BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
TAFFY	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
TAFFY	KJOHN ALB J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
TAFFY	KJOHN ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
TAFFY	TAFFY PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	Detroit
TAFFY	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
TAFFY	KJOHN ALB HYPER (RNAV)-STAR	Dulles
TAFFY	PQI Q439 BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
TAFFY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
TAFFY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
TAFFY	ENE PARCH Arrival	Kennedy
TAFFY	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	Louisville
TAFFY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
TAFFY	PQI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
TAFFY	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
TAFFY	PQI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
TAFFY	KJOHN HANAA FLOSI (RNAV)-STAR	Newark
TAFFY	CBIRD KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
TAFFY	PQI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
TAFFY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
TAFFY	CBIRD KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
TAFFY	KAYCC KYLOH NELIE Q75 GVE SBV RDU	Pope
TAFFY	PQI Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
TAFFY	CBIRD KJOHN ALB V123 TRESA	Stewart
TAFFY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
TAFFY	KJOHN ALB V489 COATE	Teterboro
TAFFY	CBIRD KJOHN ALB VALRE (RNAV)-STAR	Westchester

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

TAFFY	LFV SEY ARCAV HTO	Westhampton Beach

VIA TOPPS

TOPPS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
TOPPS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
TOPPS	ENE LWRNC	Bedford
TOPPS	AJJAY OOSHN (RNAV)-STAR	Boston
TOPPS	ENE KEYNN	Bradley
TOPPS	BEEKN Q97 SAWED DFENC CUDLE Q135 RAPZZ AMYLU (RNAV)-STAR	Charleston, SC
TOPPS	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
TOPPS	YUL LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	Chicago
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
TOPPS	TOPPS DERDO Q806 BOBTA TPGUN (RNAV)-STAR	Detroit
TOPPS	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
TOPPS	KAYCC KYLOH BAF HYPER (RNAV)-STAR	Dulles
TOPPS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
TOPPS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
TOPPS	ENE PARCH Arrival	Kennedy
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
TOPPS	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
TOPPS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
TOPPS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
TOPPS	VIVIL ROGSA URVAS DAXES VIBNU Direct	Montréal/Mirabel
TOPPS	ODBOS OMBRE Arrival	Montréal/Pierre E Trudeau
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
TOPPS	BEEKN Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
TOPPS	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

TOPPS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	Pope
TOPPS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
TOPPS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
TOPPS	YUL LETAK IMEBA Arrival	Toronto
TOPPS	LFV SEY ARCAV HTO	Westhampton Beach

VIA TUSKY

TUSKY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
TUSKY	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
TUSKY	Q475 COPLY Q75 MXE NUGGY TRISH (RNAV)-STAR	Baltimore
TUSKY	SCUPP	Bedford
TUSKY	OOSHN OOSHN (RNAV)-STAR	Boston
TUSKY	BOS V1 GRAYM WITNY	Bradley
TUSKY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
TUSKY	TUSKY Q475 COPLY Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
TUSKY	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
TUSKY	GONZZ DONEO TPGUN (RNAV)-STAR	Detroit
TUSKY	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
TUSKY	BOS BAF HYPER Arrival	Dulles
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
TUSKY	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
TUSKY	PLYMM PARCH Arrival	Kennedy
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
TUSKY	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
TUSKY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
TUSKY	Q475 COPLY BOS NELIE FLOSI(RNAV)-STAR	Newark

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
TUSKY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
TUSKY	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
TUSKY	FOXBO RIFLE Q167 KALDA COUPN RDU	Pope
TUSKY	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
TUSKY	COPLY BOS NELIE T212 TRESA	Stewart
TUSKY	Q475 COPLY Q75 TEUFL BAAMF DADES(RNAV)-STAR	Tampa
TUSKY	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
TUSKY	COPLY BOS NELIE VALRE Valre Arrival	Westchester
TUSKY	LFV SEY ARCAV HTO	Westhampton Beach

VIA VANSI

VANSI	TVC OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)–STAR	Atlanta
VANSI	SSM WYNDE ARR	Chicago
VANSI	ROSVO Q802 KENLU Q804 DERLO WWSHR UKATS TIGRR (RNAV)-STAR	Cincinnati
VANSI	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	Dallas/Ft. Worth
VANSI	YVO BOBTA TPGUN (RNAV)-STAR	Detroit
VANSI	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
VANSI	TVC OBK J71 RBS AARCH (RNAV)-STAR	St. Louis
VANSI	ROSVO IMEBA (RNAV) -STAR	Toronto

VIA VITOL

VITOL	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
VITOL	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
VITOL	SCUPP	Bedford
VITOL	OOSHN OOSHN (RNAV)-STAR	Boston
VITOL	BOS V1 GRAYM WITNY	Bradley
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
VITOL	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
VITOL	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth
VITOL	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	Detroit
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS SIE	Dover
VITOL	ACK Q430 RBV HYPER (RNAV)-STAR	Dulles
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

VITOL	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
VITOL	PLYMM PARCH Arrival	Kennedy
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
VITOL	JAWZZ Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
VITOL	ACK Q430 SAAME J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
VITOL	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
VITOL	ACK Q430 RIFLE Q167 KALDA COUPN RDU	Pope
VITOL	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
VITOL	COPLY BOS NELIE T212 TRESA	Stewart
VITOL	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
VITOL	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
VITOL	COPLY BOS NELIE VALRE Valre Arrival	Westchester
VITOL	LFV SEY ARCAV HTO	Westhampton Beach

VIA WHALE

WHALE	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	Andrews
WHALE	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	Atlanta
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	Austin
WHALE	BOS Q75 MXE NUGGY TRISH(RNAV)-STAR	Baltimore
WHALE	SCUPP	Bedford
WHALE	OOSHN OOSHN (RNAV)-STAR	Boston
WHALE	BOS V1 GRAYM WITNY	Bradley
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	Charleston, SC
WHALE	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	Charlotte
WHALE	BOS CTR HNK J49 PSB MAULL KODIE SAVVI TIGRR (RNAV)-STAR	Cincinnati
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	Dallas/Ft. Worth

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

WHALE	CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	Detroit
WHALE	LARIE Q220 RIFLE Q439 BRIGS SIE	Dover
WHALE	BOS BAF HYPER Arrival	Dulles
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	Ft. Lauderdale
WHALE	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	Greer, SC
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	Houston
WHALE	PLYMM PARCH Arrival	Kennedy
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD	Louisville
WHALE	LARIE Q220 RIFLE Q439 DRIFT T416 CYN	McGuire
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO (RNAV)-STAR	Melbourne
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 RAMRD BLUZZ (RNAV)-STAR	Memphis
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	Miami
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	Nashville
WHALE	COPLY BOS NELIE FLOSI (RNAV)-STAR	Newark
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	New Orleans
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	Orlando
WHALE	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	Philadelphia
WHALE	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	Pittsburgh
WHALE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	Pope
WHALE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	Raleigh-Durham
WHALE	COPLY BOS NELIE T212 TRESA	Stewart
WHALE	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	Tampa
WHALE	COPLY BOS BAF MOBBS SAGES V489 COATE	Teterboro
WHALE	COPLY BOS NELIE VALRE Valre Arrival	Westchester
WHALE	LFV SEY ARCAV HTO	Westhampton Beach

WESTBOUND ROUTES NON-COMMON PORTION (Cont'd)

VIA YBC (Baie-Comeau)

YBC	POLTY Q804 DERLO DJB J83 APE SPAYD HLRRY ONDRE (RNAV)–STAR	Atlanta
YBC	VBS KAPUX HOCKE FNT WYNDE (RNAV)-STAR	Chicago
YBC	POLTY Q804 DERLO WWSHR UKATS TIGRR (RNAV)-STAR	Cincinnati
YBC	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWW SEEVR (RNAV-STAR	Dallas/Ft. Worth
YBC	VBS KENLU BOBTA TPGUN (RNAV)-STAR	Detroit
YBC	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	Houston
YBC	CATOG DIRECT	Montréal/Mirabel
YBC	DEBUS OMBRE Arrival	Montréal/Pierre E Trudeau
YBC	ROSVO ECK GIJ RBS AARCH (RNAV)-STAR	St. Louis
YBC	POLTY IMEBA Arrival	Toronto

INTERSECTIONS AND REPORTING POINT CO-ORDINATES

The following is a list of airway and other intersections and/or reporting points

A	(N)LAT	(W)LONG
ACADN NS	44 40.0	64 00.0
ACORD WA	48 47.5	122 32.1
ADREW YT	69 10.2	141 00.2
ADROT BC	50 46.0	116 31.0
ADSAM NU	69 55.3	63 13.2
ADSIX BC	49 07.0	122 30.0
ADSUR QC	50 41.3	73 15.1
ADVIK ON	45 08.1	74 46.6
ADVOX AB	51 34.7	114 35.3
AGBIX QC	60 03.1	77 17.3
AGDAN AB	50 53.7	113 41.7
AGDOX ON	43 17.1	79 06.3
AGDUT ON	44 00.5	80 12.8
AGGUA BC	50 15.3	124 59.9
AGLIN ON	48 15.2	89 26.2
AGLOL QC	53 42.7	73 42.2
AGLUK QC	46 12.6	73 22.2
AGMAK AB	51 13.0	114 34.7
AGNEX ON	45 33.6	77 05.2
AGNOB ON	44 12.1	77 30.1
AGPAL BC	54 31.7	130 46.8
AIRIE BC	52 46.8	123 11.8
ALDDA BC	49 33.0	116 20.7
ALETU NU	72 43.4	78 30.9
ALGAR AB	56 00.9	112 05.8
ALIDO QC	45 44.4	75 40.8
ALIVE BC	54 21.8	122 09.9
ALKIK AB	52 47.6	113 07.7
ALKOB QC	51 28.8	64 01.5
ALKOG MB	50 01.8	97 43.9
ALKOK QC	49 00.0	77 23.0
ALLEX NB	44 25.0	67 00.0
ALLRY NL	50 30.0	52 00.0
ALMEX ON	48 26.2	90 03.4
ALMOP ON	45 40.0	81 00.0
ALNOD BC	49 03.1	121 39.3
ALONI ON	44 38.9	75 39.2
ALPAR BC	52 45.0	123 32.0
ALSAK NU	64 00.0	70 00.0
ALSED BC	50 18.0	118 35.0
ALSES SK	54 13.5	105 54.5
ALSET QC	45 36.6	74 30.0
ALSIV AB	51 54.4	114 57.3
ALSOP NL	56 52.0	62 10.0
ALTAG BC	51 53.1	121 44.4
ALTAK QC	49 10.0	71 30.0
ALTIG NT	68 18.2	133 29.0
ALUSO YT	61 20.5	140 14.9
ALVID ON	43 54.3	76 36.1
ALVOL BC	49 51.0	120 35.4
ALVYN BC	49 37.1	122 42.4
AMAGU SK	53 12.9	105 40.4
AMAMA QC	52 52.5	66 38.6
AMBRO BC	49 59.4	120 21.4
AMEBO BC	48 52.4	123 17.4

A (Cont'd)	(N)LAT	(W)LONG
AMEDI BC	49 35.8	119 36.2
AMEKI AB	50 55.6	109 59.4
AMENA AB	49 32.6	111 53.1
AMENU MB	51 06.1	100 03.2
AMILI QC	60 01.5	70 00.3
AMITI ON	43 13.3	79 30.0
AMITO AB	50 37.5	115 03.4
AMUNO AB	51 41.3	114 42.6
ANATI QC	47 45.4	69 35.3
ANCER QC	48 33.5	69 25.3
ANCOL ON	43 14.6	79 55.0
ANDIE AB	52 59.2	114 23.2
ANERI BC	49 01.3	119 29.0
ANJER BC	49 27.6	118 05.1
ANTAK BC	49 21.0	115 51.5
ANTEG QC	45 52.0	73 24.0
ANTID AB	52 53.0	114 15.3
ANTLR BC	49 04.4	122 14.1
ANTOV QC	45 25.7	71 01.4
ANTUR ON	49 12.5	84 55.3
ANTUT YT	60 08.4	134 18.5
ANVAP BC	49 04.2	124 17.4
APDIN NL	48 59.2	54 50.0
APLAK QC	46 27.6	71 54.6
APLIG BC	53 00.0	134 00.0
APLOV ON	44 55.7	76 08.5
APNEL ON	45 21.0	82 13.7
APNIX MB	50 21.7	96 54.6
APRIP BC	54 09.9	124 20.1
APSIN NU	81 00.0	65 16.0
ARAME QC	51 20.3	67 27.7
ARBBY ON	48 37.5	93 00.5
ARDEE NS	45 07.4	64 23.2
ARMAC BC	49 11.7	123 49.6
AROUK AB	54 16.7	114 26.3
ARRUE BC	49 04.4	124 07.8
ARVEE NU	62 52.0	74 00.0
ARVIE ON	45 07.1	74 37.1
ATENE QC	46 14.3	70 15.5
ATHUR BC	50 00.6	117 12.3
ATUNA BC	50 22.4	126 31.9
AVEDO AB	54 49.5	112 10.4
AVOLA ON	43 30.4	78 59.2
AVPUT NL	65 02.0	60 00.0
AVROM AB	51 28.9	113 47.8
AVRON QC	48 57.4	64 38.6
AVTAV YT	62 12.7	133 23.2
AVTUR NB	45 44.9	66 46.3
AVUMU BC	48 57.7	125 05.1
AVUTI NL	57 28.0	58 00.0
AVVON ON	45 10.1	75 02.3
AXENO ON	52 39.4	94 03.7
AXILI AB	50 00.0	110 00.0
AXOBU ON	42 56.7	82 23.7
AXUBI BC	59 04.3	132 38.6
AXXIS ON	42 49.8	81 59.0
AYROU NU	65 18.9	64 00.0

A (Cont'd)	(N)LAT	(W)LONG
AYZOL AK	62 28.3	141 00.0

B	(N)LAT	(W)LONG
BACMO ON	48 00.0	84 01.0
BAFAL ON	48 55.8	81 54.3
BAJOL BC	49 18.6	123 28.2
BAMPS NT	62 19.3	116 12.0
BAREE QC	48 08.8	69 18.0
BASRA BC	49 15.2	123 00.4
BEJAW AB	57 14.4	112 49.5
BEMEK NB	46 05.0	66 27.2
BEMOG QC	46 09.0	75 34.4
BEPEG NU	63 00.0	70 00.0
BERUS NU	63 00.0	63 00.0
BERUT QC	46 56.1	72 29.2
BESEL ON	47 58.0	84 47.2
BEVEL AB	49 30.0	110 00.0
BEVIX QC	51 41.3	76 08.1
BEWEL ON	42 17.3	80 44.7
BEXOV ON	50 17.6	88 54.6
BEZED NU	64 52.0	67 00.0
BIBEM YT	62 40.3	141 00.0
BILII ON	49 01.3	88 15.7
BILKI QC	51 12.6	58 39.4
BILNO MB	49 58.7	97 45.0
BIMRO ON	43 01.7	80 19.0
BINVO BC	50 45.5	116 28.1
BIPKO QC	45 43.4	74 21.7
BIPLI QC	49 00.4	78 18.4
BIRKO AB	51 28.6	113 15.8
BISNO AB	52 30.5	113 45.2
BISPO AB	56 56.3	115 54.0
BITGA AB	51 29.5	113 58.4
BITRA NS	45 06.4	61 52.7
BIVBI BC	49 29.3	126 52.7
BOBBS QC	51 00.1	62 00.0
BOBKI QC	45 25.0	74 25.8
BOBTA ON	43 48.9	79 39.5
BOBTU (Oceanic)	44 07.0	52 49.3
BODRA NU	62 17.0	80 00.0
BOGGI BC	49 08.5	122 47.5
BOKLU QC	45 50.4	74 35.7
BOKMA BC	54 31.2	131 38.9
BOKTO NL	56 58.0	58 00.0
BOLMO ON	43 54.6	80 03.2
BOMET ON	44 10.2	77 59.0
BOMIP AB	52 09.7	112 26.0
BOMON BC	57 22.0	121 46.0
BONAB ON	47 50.5	80 42.2
BOOPY BC	50 06.0	124 35.5
BOOTH BC	49 31.3	122 02.7
BOPUT NU	68 57.6	61 56.5
BOREK ON	42 56.3	79 56.9
BORIX AB	51 53.6	110 00.0
BORUB NL	52 32.4	63 07.4
BOSAM QC	45 03.0	73 55.0
BOSEP ON	43 06.3	82 00.5
BOSIM AB	53 57.1	112 46.5

B (Cont'd)	(N)LAT	(W)LONG
BOTAD BC	58 38.2	131 59.6
BOTAG AB	51 04.2	114 36.5
BOTER NT	63 45.3	112 57.6
BOVAN AB	50 46.6	113 15.8
BOVEX ON	42 35.7	81 25.3
BOVOX ON	43 21.6	79 31.5
BOXAT BC	49 32.1	116 50.8
BOXON BC	49 26.8	117 34.5
BRADD NS	43 09.0	67 00.0
BRIDG NB	47 08.8	59 16.3
BRIOL BC	49 06.1	123 29.7
BROKK ON	42 19.9	81 34.9
BROME NL	53 30.0	67 00.0
BRUIN ON	43 39.9	76 06.9
BRWNZ ON	41 51.2	82 12.8
BUBAN ON	44 34.4	79 13.0
BUBIX QC	49 19.7	67 22.5
BUDAG ON	46 37.5	80 47.9
BUDAR NL	50 00.0	52 00.0
BUDUM NU	80 00.0	69 15.0
BUICK BC	48 48.7	123 07.9
BULIE BC	50 16.2	120 04.6
BURWA ON	46 11.4	80 34.6

C	(N)LAT	(W)LONG
CAAPE NB	45 18.0	65 17.8
CACHO AB	54 54.2	112 34.2
CADIL NB	47 44.1	60 25.5
CAFTA BC	51 17.7	129 05.3
CAINN AB	51 16.9	114 10.7
CAJEN BC	55 32.3	121 24.2
CALCI NT	60 02.3	116 16.5
CALLY AB	55 07.9	113 23.4
CAMRA AB	53 01.9	112 30.5
CAMRE ON	41 55.5	82 12.7
CAMZO BC	48 47.0	123 32.1
CANEL NU	67 59.0	60 45.8
CANSO ON	48 09.7	80 44.1
CANRY BC	49 09.0	123 20.2
CANYO YT	60 25.5	132 24.1
CARAC (Oceanic)	43 00.0	60 00.0
CASDY BC	49 04.4	123 58.3
CASSL BC	52 32.6	122 44.9
CASTR QC	48 52.0	66 50.0
CATOG QC	45 55.0	72 53.0
CAUGA BC	49 28.2	121 23.1
CEESE BC	49 40.2	123 36.9
CEFOU QC	47 44.2	69 00.0
CELAR ON	45 13.8	76 27.0
CHAAP ON	42 30.3	80 41.0
CHAPO YT	64 58.4	141 00.0
CHAPT BC	50 28.9	120 20.5
CHARN NU	54 53.4	80 00.0
CHICA ON	48 52.0	85 16.2
CHITE BC	50 02.6	116 09.1
CHUBB BC	53 26.4	122 33.1
CILLI BC	49 03.8	121 23.7
CITOP AB	50 10.2	114 30.3

C (Cont'd)	(N)LAT	(W)LONG
CLANK AB	56 34.5	112 37.5
CLAVY NL	64 14.0	59 00.0
COALE YT	60 27.3	135 10.5
COALL NT	80 00.0	141 00.0
COGLE BC	49 04.6	122 33.9
COHIL YT	60 06.5	139 00.0
COHOE BC	49 56.4	125 24.8
COLTS ON	42 57.8	79 19.3
COMAU QC	45 21.6	74 03.4
CONDI BC	48 34.3	123 20.3
CONER BC	50 09.9	115 15.0
COPUR QC	59 42.0	67 00.0
CORMO BC	50 32.6	126 58.8
COUTS AB	49 00.0	112 17.5
COWLE AB	49 36.9	114 02.3
CREEB WA	48 13.0	121 20.4
CUDDY NL	56 42.0	57 00.0
CYRIL ON	44 57.0	75 24.1
CYVIC BC	48 30.0	124 54.7

D	(N)LAT	(W)LONG
DACEY BC	59 33.6	126 04.6
DAFLU ON	42 22.7	82 42.3
DAJIM QC	63 45.4	68 33.4
DAJOR QC	45 20.0	74 05.0
DALDE MB	52 19.1	101 08.8
DANOL NB	45 41.8	67 48.2
DAPAK NU	73 45.0	70 00.0
DAPAL BC	59 55.5	133 07.2
DAPED BC	49 08.9	121 40.6
DAPOP AB	50 52.5	110 00.0
DARUB NU	67 00.0	60 00.0
DARUK SK	50 29.9	102 28.4
DASBI BC	49 29.6	118 03.7
DASIR ON	43 19.3	82 14.9
DASMU BC	48 57.3	124 34.6
DASUG ON	47 34.4	80 49.3
DATAB QC	46 27.8	74 27.5
DATAV AB	51 33.9	112 51.7
DATNO BC	50 03.9	116 08.6
DAVEL AB	53 43.6	113 04.6
DAVII BC	54 38.6	122 28.7
DAVON BC	54 09.1	124 14.4
DAVSI ON	43 42.3	79 13.1
DAXER QC	61 05.0	72 48.0
DAXES QC	45 52.1	73 08.0
DAXEX BC	54 14.1	132 07.4
DAXIR AB	51 22.4	114 41.7
DAXUG QC	45 38.3	71 25.8
DAYSE NB	46 47.7	58 36.4
DEBMA MB	49 14.2	98 00.0
DEDKI ON	43 41.4	78 43.1
DEGMO QC	48 15.1	78 13.7
DEGVA ON	49 54.9	94 55.1
DEKMO NT	88 52.0	141 00.0
DENSO NL	53 35.4	64 14.1
DEPMA BC	54 03.0	123 30.9
DEPMI MB	50 16.5	98 58.2

D (Cont'd)	(N)LAT	(W)LONG
DEPRI QC	45 57.2	70 15.4
DERDO QC	45 40.8	70 48.2
DERLO ON	43 04.0	81 05.7
DESDN ON	42 31.4	82 15.4
DESKI ON	45 22.8	76 20.8
DESNU AB	50 02.7	111 11.5
DEXUN NU	79 00.0	72 24.0
DICEN QC	46 48.0	72 17.3
DISCO BC	48 24.0	123 10.7
DOBIE ON	42 25.7	81 02.7
DOGGS ON	42 23.7	81 04.9
DOLFF (Oceanic)	48 20.0	128 00.0
DOLFN ON	42 12.8	81 39.2
DOLLR BC	49 20.2	122 56.3
DOPHN (Oceanic)	44 33.3	55 29.0
DORYY NL	56 02.0	57 00.0
DRAGO BC	52 54.6	122 17.0
DROME ON	42 43.5	82 23.9
DUDNI AB	52 14.2	112 56.7
DUGBU ON	45 07.0	77 03.8
DUGGS BC	53 02.1	129 30.2
DUGNO NU	60 39.7	80 00.0
DUKPO MB	50 04.3	99 01.7
DULBA NB	46 13.2	66 28.0
DUMRA AB	50 38.7	114 14.7
DUMRU QC	58 40.3	69 56.8
DUNCN BC	48 51.0	123 39.4
DUNJY BC	48 37.7	123 18.9
DUNOM NB	44 54.2	66 58.2
DUNUP QC	45 17.6	73 35.4
DUPOD BC	49 37.9	123 55.2
DUPVO QC	48 05.0	77 24.0
DURAK BC	50 08.7	120 25.0
DURIL ON	50 00.0	88 32.0
DURLO BC	49 04.3	122 02.9
DUROT ON	43 08.8	79 15.3
DURUR SK	50 40.0	104 53.4
DURVU BC	49 09.0	119 14.0
DUSEN NS	44 59.8	64 11.8
DUSER QC	46 03.8	73 05.9
DUSMA NU	53 42.0	80 00.0
DUSMO MB	54 40.7	101 40.9
DUTEG ON	48 46.4	91 38.3
DUTEL ON	44 40.0	81 17.8
DUTUD ON	46 53.5	81 03.8
DUTUM NU	63 52.0	67 00.0
DUTAX BC	49 40.7	115 47.0
DUTOK BC	48 45.9	123 43.8
DUVBI NL	56 00.0	61 00.0
DUVEP ON	43 06.0	79 04.6
DUVIK SK	49 14.8	104 19.1
DUVIN NS	43 42.4	67 00.0
DUVIS MB	51 38.0	95 15.0
DUVKI QC	49 43.4	77 44.5
DUXAR BC	56 46.3	129 25.7
DUXIP MB	55 48.3	97 51.7

E	(N)LAT	(W)LONG
EBDAD NB	46 07.0	64 40.7
EBDOG QC	47 59.5	78 38.9
EBDOT QC	45 05.4	73 34.0
EBGAL AB	50 41.8	113 22.3
EBGIX QC	45 43.5	70 23.8
EBKID NS	44 53.4	65 30.1
EBKOT QC	51 21.7	71 00.0
EBLAL QC	62 25.0	77 55.5
EBLAR AB	53 39.7	112 53.9
EBMOS QC	46 32.9	72 01.0
EBNYR QC	45 45.5	75 23.6
EEVER BC	54 35.0	133 05.9
ELERI (Oceanic)	42 34.5	64 23.4
ELETO MB	49 38.1	96 56.5
ELIDI BC	50 00.4	123 36.9
ELINU QC	51 53.0	65 43.0
ELKIE BC	54 32.7	120 46.5
ELLKS AB	53 16.4	114 41.1
ELNUS NU	78 00.0	75 00.0
ELSIR NL	49 30.0	52 00.0
ELTAX SK	51 57.4	105 35.7
ELTIP AB	54 02.8	112 57.0
ELTUR AB	52 12.4	114 10.8
ELVAK AB	51 19.0	113 08.7
ELVEL ON	51 00.0	90 00.0
ELVUX MB	50 10.7	96 54.4
EMBES QC	48 32.7	72 17.7
EMBOK NL	63 28.0	58 00.0
EMDOM AB	49 54.0	112 52.8
EMDUN QC	61 02.8	69 37.1
EMETO NU	73 10.0	85 48.1
EMGAL NT	71 59.6	125 14.5
EMKEK NT	69 21.6	124 04.5
EMLIK SK	50 21.5	102 29.9
EMLOB NB	45 59.0	66 09.6
EMPEK QC	45 55.0	74 20.7
EMSOW AK	62 57.5	141 00.0
EMUSU QC	48 33.5	68 48.3
ENDBY BC	50 40.7	118 56.3
ENNSO NL	55 32.0	57 00.0
EPINE BC	55 43.5	121 16.7
EPLAN AB	52 32.8	115 59.8
EPMAL QC	48 22.6	68 35.9
EPMAN NU	66 00.0	60 00.0
EPMOK ON	44 59.1	74 57.1
EPNOG NB	45 29.8	66 39.3
EPRES QC	46 11.8	75 58.4
EPSET BC	58 25.3	130 01.9
EPTOS ON	49 46.2	86 59.1
EPTUL QC	45 04.6	73 54.4
EPVUM ON	53 03.9	93 20.7
ERBAL ON	43 53.3	79 18.0
ERDIK QC	58 03.4	68 29.2
ERRTH ON	42 11.4	81 56.2
ERVYN BC	49 31.8	117 02.5
ESTEL QC	45 57.9	74 11.0
ESTIT BC	51 16.1	128 18.5

E (Cont'd)	(N)LAT	(W)LONG
ETBOG NL	47 38.8	52 17.0
ETBOS NU	63 46.0	74 00.0
ETBOX ON	44 31.6	80 07.8
ETLEM AB	49 26.1	112 53.2
ETMAR AB	56 42.6	112 17.2
ETMAT ON	48 51.4	89 07.1
ETMOM MB	50 02.9	99 37.2
EXDEE AB	53 38.6	113 30.8
EXPOS QC	52 00.0	67 00.0

F	(N)LAT	(W)LONG
FADIM NT	60 04.2	116 15.4
FANES YT	64 35.0	141 00.0
FAREN MB	50 10.0	99 52.5
FARGN ON	42 36.7	79 47.3
FARID ON	48 36.2	93 25.3
FARNS AB	50 45.2	115 23.7
FASBO BC	49 22.4	123 22.8
FASSA NU	58 42.0	67 00.0
FAXTO BC	49 04.6	123 29.6
FEDDY NU	61 42.0	67 00.0
FELKO BC	50 34.4	119 42.0
FELTN ON	48 39.9	89 05.6
FENEL BC	50 27.5	126 45.3
FERNO ON	51 38.9	92 52.4
FERRL ON	42 25.0	82 36.6
FERRY BC	49 11.5	122 31.8
FIGGI BC	54 16.2	121 59.2
FINBO BC	49 16.5	116 01.5
FINGL ON	42 45.4	81 19.4
FINGS BC	50 15.0	127 34.0
FIORD YT	65 46.2	141 00.0
FIRNI BC	49 35.2	115 08.4
FLEUR QC	46 59.3	70 27.8
FLOON BC	51 00.3	120 42.3
FOCHE BC	49 03.8	124 47.8
FOLDY BC	49 03.1	120 42.7
FORTE NB	46 16.8	57 39.6
FOWEL ON	42 36.1	80 09.5
FOXXE NL	54 29.2	59 17.3
FRALK ON	46 55.6	80 53.0
FRASE BC	49 13.5	122 47.2
FRAZR NL	51 37.0	62 43.0
FREND BC	55 17.6	122 29.9
FRENN NB	45 58.3	66 12.9
FRIED BC	54 13.3	133 38.0
FROSS NL	48 09.2	61 14.5
FUDGY AB	52 13.1	110 00.0

G	(N)LAT	(W)LONG
GABAL BC	50 00.5	123 01.5
GABIN BC	49 56.7	120 57.9
GABOV ON	49 28.6	94 02.8
GABVO BC	49 04.9	121 50.8
GADAL QC	47 05.8	71 04.7
GADAV ON	42 42.5	82 29.4

G (Cont'd)	(N)LAT	(W)LONG
GADKI AB	50 39.8	113 41.4
GAHAM YT	62 15.0	141 00.0
GARRE BC	49 54.4	122 28.0
GAYBL NS	42 50.0	62 00.0
GELBO NU	74 47.4	72 32.2
GELLS QC	51 20.9	72 30.0
GERTY ON	49 12.0	93 30.0
GGUCE ON	42 42.4	80 53.4
GIBAC BC	49 29.1	123 42.9
GLACE BC	50 11.4	122 25.9
GOATE BC	49 26.9	119 05.6
GOATS YT	66 50.2	141 00.0
GOEFR BC	49 29.1	122 49.0
GOLFE NL	52 15.8	63 26.1
GONUK AB	54 18.6	113 20.0
GOPAK ON	45 50.3	82 30.1
GOPUP ON	43 43.8	81 33.5
GORAK SK	50 00.4	104 02.6
GOREK NT	60 44.2	114 05.6
GOROV BC	59 18.4	133 00.0
GOSAR MB	49 38.7	97 33.2
GOSEP NU	57 58.5	80 00.0
GOSER AB	53 30.0	112 30.0
GOTIP ON	44 57.9	76 57.9
GOVAB MB	49 36.0	99 58.0
GOVAD BC	49 02.8	125 42.3
GOVAT QC	48 32.2	78 46.4
GOVIT MB	49 32.7	95 48.9
GRAMP ON	49 40.0	80 00.0
GRAND NU	55 42.2	80 00.0
GRAVO ON	50 00.0	87 41.0
GRAYY NB	45 44.8	56 42.6
GRIBS NU	61 30.0	63 00.0
GRIBY ON	47 45.3	86 15.6
GRINS QC	47 17.3	68 07.5
GROLE MB	49 04.2	96 25.3
GRONG AB	53 22.5	114 19.3
GRUGG AB	58 37.3	117 09.9
GRUPI (Oceanic)	43 52.0	58 50.3
GUCHY BC	50 27.2	120 32.0
GUDEN BC	59 14.0	130 00.0
GUDOG AB	51 31.0	110 00 .0
GUPEY (Oceanic)	51 42.0	134 15.0

H	(N)LAT	(W)LONG
HABBS ON	45 12.3	74 25.0
HADER BC	49 08.3	123 29.7
HADRI NB	45 36.0	67 05.8
HAGGA ON	42 41.9	81 13.5
HAGLE MB	51 12.6	100 10.0
HANRY BC	54 36.4	131 05.6
HARAS BC	49 16.7	122 02.9
HAVOK ON	43 01.3	81 36.2
HAYDN AB	50 28.0	114 12.9
HEGEL ON	42 34.9	81 29.0
HEIRE BC	50 54.0	123 03.9
HELMO QC	56 00.9	75 00.0
HELVE AB	56 13.6	117 26.9

H (Cont'd)	(N)LAT	(W)LONG
HEMMI NB	45 03.6	55 32.0
HEMPP AB	51 31.5	114 37.0
HENDY QC	51 07.3	74 14.7
HIDIN BC	54 49.5	120 00.9
HIMEZ ON	41 51.0	82 12.1
HINGE QC	57 24.5	65 00.0
HITOR QC	49 05.1	61 42.0
HOGAR AB	59 21.3	116 39.7
HOIST NL	55 02.0	57 00.0
HOWSE BC	54 09.8	120 10.2
HOWZR BC	50 32.1	116 16.1
HUMEK BC	50 21.3	119 18.3
HUTON BC	53 51.4	121 41.4

I	(N)LAT	(W)LONG
IBERG NL	49 00.0	52 00.0
ICHOL ON	42 38.5	80 30.2
ICOLA BC	50 10.2	120 21.1
IDNEY BC	48 38.5	123 24.3
IGROL ON	42 44.1	81 34.7
IGSAS QC	48 01.0	71 16.2
IGSEB ON	43 54.3	77 19.8
IGSOD AB	52 29.5	116 07.7
IGSOM YT	61 22.2	139 02.4
IGSUB ON	47 41.7	79 50.9
IGTAS NS	45 04.6	62 56.9
IGTER QC	46 23.5	71 48.1
IGVEP AB	50 42.5	114 39.5
IGVUD ON	44 50.4	75 28.1
IGVUX AB	52 46.2	112 42.8
IKBIB QC	58 42.4	65 59.4
IKBUN NL	48 48.0	56 03.9
IKLAX ON	44 59.6	75 44.8
IKLIN MB	50 56.9	98 08.2
IKLIX SK	59 33.3	108 31.1
IKLEN ON	44 03.4	79 40.8
IKLUG MB	49 05.6	97 28.5
IKLUX ON	44 04.5	79 30.0
IKMAN NU	62 30.0	63 00.0
IKMOL QC	46 41.6	75 30.7
IKMUS BC	53 59.1	123 03.9
IKNAL MB	50 14.5	99 58.5
IKNAR QC	47 11.6	74 09.5
IKNAV ON	42 57.7	78 58.1
IKNIX BC	49 15.0	119 14.0
IKNOG NU	65 54.3	58 35.0
IKNUK AB	49 25.8	112 07.7
IKURO PE	46 17.9	63 07.2
ILADA AB	51 18.6	110 53.1
ILEMU ON	45 15.3	76 52.7
ILERO QC	45 52.2	71 29.0
ILIXU ON	43 57.4	77 21.5
ILOSA AB	50 36.3	113 13.4
ILUGO QC	50 19.3	73 22.8
ILUKI SK	50 25.9	104 40.0
ILUPO YT	61 06.9	135 39.8
ILUSI ON	44 08.8	78 55.9
IMAMA NB	46 44.2	67 47.3

I (Cont'd)	(N)LAT	(W)LONG
IMEVO NT	67 49.0	115 08.6
IMIXA ON	49 46.7	84 35.5
IMORI QC	46 42.3	71 37.6
IMOTA SK	51 55.0	108 00.0
IMPOR WA	48 37.7	123 07.2
INGUM NU	71 52.9	66 16.9
INHAM BC	49 03.1	125 27.3
IPSAK QC	45 45.5	74 51.5
IPSIT AB	51 18.6	114 30.6
IPTAL QC	48 43.8	69 09.8
IPTAN AB	49 37.1	114 08.4
IPTOS ON	44 55.3	76 13.4
IRBAS BC	55 49.9	121 12.4
IRBIM NL	58 39.2	60 32.0
IRBUX QC	60 01.6	70 00.0
IRDUV NB	46 16.4	65 09.5
IRGIP YT	60 02.7	134 10.5
IRKES ON	48 37.3	93 22.6
IRKON NL	49 10.8	57 27.5
IRLOK NL	54 32.0	57 00.0
ITBIN ON	51 04.0	93 47.6
ITBOT AB	50 38.3	113 29.7
ITKET BC	54 28.1	128 34.7
ITMAV BC	49 28.6	124 10.7
ITMAX AB	53 25.2	113 07.2
ITNOT NT	61 43.3	113 38.5
ITPAX NB	46 06.8	65 09.6
ITPEG ON	42 53.6	80 51.7
ITRIT AB	50 51.1	115 20.1
IWACK WA	48 55.9	120 50.2

J	(N)LAT	(W)LONG
JAAJA ON	42 40.0	81 16.0
JAGIT YT	60 57.6	141 00.0
JAINE BC	49 31.1	124 17.3
JANEK BC	49 40.6	122 29.6
JANJO NL	54 02.0	57 00.0
JAROM (Oceanic)	44 10.0	54 53.0
JARRO ON	48 00.0	83 26.0
JARVS ON	42 44.4	80 07.2
JEBBY (Oceanic)	43 04.3	57 52.1
JEDII AB	53 05.0	112 56.5
JELCO NU	60 42.0	67 00.0
JESRU NT	74 56.8	141 00.0
JIBNA QC	51 26.5	57 11.2
JIGGS NB	47 25.2	59 48.2
JINNA AB	54 56.5	118 15.6
JOOPY NL	48 30.0	52 00.0
JORJA BC	49 13.7	123 32.6
JOVIE NL	54 10.0	67 00.0
JOVIN MB	49 11.8	95 22.6
JOWEN (Oceanic)	54 05.0	134 30.0
JULET NU	72 45.7	68 39.5
JUNIS QC	46 47.3	76 48.1

K	(N)LAT	(W)LONG
KAGLY NU	63 30.0	63 00.0
KAIIN MB	52 20.4	96 42.7
KALLU ON	51 35.5	94 55.8
KALTS BC	53 37.3	133 48.3
KANEE BC	49 48.9	117 26.5
KANIK ON	44 39.0	76 57.4
KANNI NS	42 38.0	67 00.0
KANOO BC	51 28.3	122 16.2
KANUA (Oceanic)	47 41.5	129 46.1
KANUR ON	45 25.9	75 02.6
KAPUX ON	45 04.8	79 45.0
KARIT ON	43 43.4	82 08.7
KAROT QC	47 06.7	71 16.7
KASED ON	44 28.3	82 11.9
KATCH (Oceanic)	54 00.0	136 00.0
KATEK ON	44 40.8	75 32.4
KATEN SK	49 00.0	106 00.0
KATLO NS	45 17.8	63 03.1
KATNO ON	43 10.6	82 19.5
KATUB, BC	49 07.7	123 46.9
KAVDA AB	54 40.6	112 16.7
KAVKI MB	49 35.0	97 20.4
KAVMU QC	48 31.9	69 54.7
KAVTA AB	50 47.0	114 46.7
KEBEV NS	46 18.2	59 50.3
KEBGO QC	45 16.5	73 12.0
KEBMA ON	48 34.2	81 22.6
KEBMO ON	49 47.3	94 21.8
KEDEM SK	55 09.1	105 16.0
KEDVI ON	43 56.0	80 29.0
KEGPI BC	50 41.0	119 40.3
KEGRI NS	45 01.5	65 33.0
KEGRU AB	55 16.7	112 16.2
KEINN BC	49 49.0	123 43.9
KEKDO YT	62 02.3	140 11.7
KEKNA QC	50 09.5	65 57.6
KELMU NU	59 10.2	80 00.0
KELNO NS	45 07.9	64 11.4
KELNU AB	51 31.2	113 03.8
KELSY BC	50 27.3	126 04.0
KELVI QC	45 02.4	74 12.9
KEMGI YT	60 23.6	134 39.7
KEMSA NU	56 50.3	80 00.0
KEMVI ON	45 15.5	75 21.6
KENDI ON	43 41.8	79 00.3
KENGA AB	53 17.1	113 08.2
KENKI NU	65 00.0	63 00.0
KENLU ON	44 19.3	79 12.9
KENPA ON	44 47.7	82 23.6
KENRU MB	53 58.3	101 05.5
KENSU NB	45 58.6	65 56.7
KEPNA BC	49 44.5	120 21.8
KEPVI BC	49 00.2	122 45.0
KERBI MB	50 14.7	97 16.2
KERBO AB	56 16.0	112 29.7
KERGI BC	49 27.8	124 10.1
KERMU QC	52 29.1	66 41.2

K (Cont'd)	(N)LAT	(W)LONG
KERNU QC	48 10.5	78 04.2
KERSA AB	51 37.2	114 06.0
KERTI AB	50 00.0	109 30.0
KERVO QC	45 26.7	70 39.0
KESKA QC	45 36.9	74 08.8
KESLU QC	47 29.9	70 29.2
KESTA BC	49 15.0	121 00.0
KESTI NB	45 41.9	67 47.1
KETLA NL	62 28.0	58 00.0
KETRU QC	46 27.2	72 31.3
KETTL BC	49 59.0	118 19.1
KEVBO SK	56 55.3	104 00.0
KEVLU NS	44 25.4	64 11.0
KEVNA BC	51 00.0	126 30.0
KICKS ON	44 20.7	80 27.8
KIPIR NT	69 26.0	133 01.6
KIREM NU	56 32.2	79 15.0
KIROD MB	53 57.5	97 50.6
KISKK BC	55 12.8	120 46.0
KISUK QC	45 53.7	74 55.1
KISUV QC	48 36.7	68 12.5
KITOK ON	43 02.5	81 55.6
KIVAT AB	49 19.3	115 32.4
KIVUN, ON	43 44.9	79 06.0
KIXET BC	49 11.9	123 52.0
KIXIP NT	61 10.8	113 41.4
KIXIR ON	44 08.9	76 20.7
KLIPS QC	57 42.0	67 00.0
KNEIL BC	49 55.6	115 08.6
KOBAK AB	51 33.2	113 22.8
KOBID MB	50 25.3	98 43.4
KODEX ON	45 04.0	75 12.6
KODIK NL	53 28.0	57 12.0
KODIT AB	52 37.8	115 47.5
KONCH NL	51 48.0	60 13.0
KRANG ON	48 58.3	94 29.4
KROFT BC	50 42.1	121 19.2
KURTT (Oceanic)	50 12.0	131 53.1

L	(N)LAT	(W)LONG
LABRE QC	46 45.1	69 56.2
LACTO ON	51 13.3	93 42.1
LAFIT QC	45 18.5	74 23.0
LAKES NL	57 59.9	63 16.0
LANNE BC	49 16.8	122 39.1
LANRK ON	44 56.6	76 23.3
LEATS SK	51 42.5	101 25.2
LEFAL BC	49 42.0	116 49.5
LENAP AB	55 26.0	111 30.0
LENUT QC	58 28.3	78 04.6
LEPET BC	56 25.6	120 16.3
LEPOR QC	49 13.2	72 37.5
LEPOS ON	43 35.0	81 38.8
LERUP AB	53 57.6	113 40.9
LESUG ON	48 51.2	89 32.7
LETAK ON	45 24.1	76 14.8
LETOG BC	50 15.0	128 38.3
LETOR ON	43 11.7	80 15.1

L (Cont'd)	(N)LAT	(W)LONG
LETRM AB	55 53.8	111 45.8
LEVUM NB	46 14.6	67 31.8
LEXEN NB	47 59.5	66 19.8
LEXIG QC	62 10.8	75 40.0
LEXON AB	55 07.9	112 09.1
LEXOX NT	63 12.8	123 25.8
LEXUB YT	60 24.5	133 49.8
LEXUT BC	59 34.6	133 40.3
LIANO BC	48 53.4	123 19.8
LIBEN QC	59 48.2	77 24.3
LIBOG BC	49 27.8	123 59.0
LIBOR NL	61 58.0	58 00.0
LIBOS SK	50 48.8	109 00.0
LIBUB SK	52 46.1	108 14.7
LIBUT QC	49 04.4	77 46.5
LIDUL BC	53 03.3	122 18.5
LIEKY BC	52 45.2	121 39.3
LINGO (Oceanic)	53 00.0	136 34.4
LINNG ON	43 18.2	79 21.3
LISVA AB	53 42.0	113 32.3
LITGO SK	56 08.3	102 56.8
LIVBA QC	46 14.3	73 57.1
LIVBI MB	49 55.2	97 45.7
LLEEO ON	41 50.5	82 37.4
LOCAN BC	49 30.7	117 33.1
LODBU QC	49 50.4	64 33.4
LOKBO BC	51 00.1	125 21.8
LOKBU QC	46 06.2	73 14.7
LOKRI NS	45 14.5	64 05.0
LOMLO AB	51 04.2	113 23.2
LOMPI (Oceanic)	44 00.0	57 00.0
LOMSI NL	53 06.0	56 47.0
LOMTA NL	57 12.2	62 37.2
LONRO AB	52 37.4	118 09.5
LOONY AB	50 30.1	114 17.4
LOPRO NL	48 43.4	57 42.2
LOPVI QC	59 16.0	64 15.0
LOPVO ON	42 55.0	80 24.0
LORKA ON	44 46.1	76 13.0
LORNE ON	48 40.4	81 24.3
LORVO BC	51 29.4	121 44.9
LOYED ON	45 04.8	79 41.7
LUBIC AB	56 22.9	115 30.2
LUMBY BC	50 21.5	115 37.7
LUNGE ON	47 33.3	80 27.4
LYTON BC	50 15.0	121 50.7

M	(N)LAT	(W)LONG
MAARS ON	42 05.3	82 29.2
MACCS ON	42 01.1	83 08.4
MADYN AB	51 29.7	114 16.0
MAGNM AK	59 38.4	136 05.7
MAIRE QC	45 42.5	73 07.4
MALTN ON	43 43.1	79 40.4
MANJO (Oceanic)	52 00.0	135 27.4
MAPEM ON	43 36.5	80 13.0
MAPUX AB	52 45.0	113 18.5
MATIR AB	52 00.9	115 04.8

M (Cont'd)	(N)LAT	(W)LONG
MATOR QC	46 21.0	73 20.3
MAXAR NL	61 28.0	58 00.0
MAZNA ON	44 57.2	77 09.4
MCKEE QC	56 40.3	67 00.0
MEBOK QC	45 48.8	74 21.0
MEBSI ON	48 35.6	85 31.9
MEDAK AB	50 02.6	110 37.0
MEDPA NU	72 39.7	67 42.8
MEETO SK	53 35.6	107 21.4
MEGEX SK	50 27.8	106 29.4
MEKPI AB	50 15.0	114 26.9
MEKTA NT	67 21.6	134 33.8
MELBI NT	66 14.4	128 38.9
MELDI NL	52 44.0	56 21.0
MELTI ON	45 20.5	74 52.4
MEMSO QC	52 48.0	75 00.0
MENBO BC	50 23.4	116 08.4
MENKO ON	44 46.6	78 48.2
MENTI ON	44 03.7	79 35.9
MEPKA QC	48 12.4	78 50.1
MEPNA QC	49 05.2	64 48.2
MEPNI QC	59 18.2	69 36.0
MERCH AB	57 12.3	119 24.6
MEREE NT	61 05.3	120 19.0
MERNU QC	53 00.5	78 49.5
MERSU SK	49 15.0	104 08.5
MERYT BC	49 56.5	120 57.7
MESBO AB	54 49.0	117 51.2
MESDO QC	46 46.9	74 01.8
METMO AB	55 25.4	111 51.3
METPA (Oceanic)	53 00.4	134 50.3
MEVMA BC	58 50.2	122 35.8
MIBNA NU	60 05.0	80 00.0
MIBNO NL	60 35.0	62 32.0
MIBTI BC	51 26.6	121 12.8
MIGLI NL	49 31.6	58 14.8
MIGLO ON	44 38.2	76 12.6
MIILS NB	46 52.4	67 02.9
MILLS BC	49 14.4	122 54.1
MIREK AB	51 37.2	113 55.8
MISAX ON	50 30.0	90 00.0
MISOP QC	46 07.7	72 16.7
MITEK BC	53 46.0	129 50.8
MITIG QC	45 27.5	73 55.8
MITOB MB	56 51.9	101 04.6
MITOM BC	58 19.2	131 32.0
MITOV NU	68 37.6	95 51.5
MIVAD NL	47 40.8	54 09.1
MIVAX QC	47 26.4	70 09.6
MIVIP NB	47 37.8	65 44.4
MIVOK ON	44 21.6	77 35.3
MIXAK QC	47 14.5	76 54.9
MIXOV QC	49 13.0	78 22.0
MIXUT ON	43 18.1	80 06.5
MOATT (Oceanic)	58 01.5	59 55.7
MOAWK ON	42 45.0	79 51.0
MOBAL QC	45 20.3	71 51.8

M (Cont'd)	(N)LAT	(W)LONG
MOBEG QC	49 50.2	64 17.3
MOBEK AB	50 19.5	112 46.7
MOBID BC	49 49.8	124 28.9
MOBRY BC	55 46.0	121 44.9
MOBUB QC	46 10.5	72 55.6
MOCHA BC	54 30.4	133 01.3
MODAS QC	48 17.8	68 43.6
MODEN QC	48 18.0	69 52.4
MODET NU	75 49.6	75 27.2
MODOK QC	51 53.3	66 37.0
MODUK QC	51 11.0	70 43.0
MODUL MB	50 12.3	97 29.2
MOFAT QC	49 10.8	73 00.0
MOGAG ON	51 15.7	82 15.8
MOGUS BC	49 17.2	122 32.8
MOONN ON	42 22.2	82 27.1
MOOTO AB	53 52.7	113 42.1
MOOZE BC	55 20.5	121 12.9
MOWND NB	45 22.6	66 39.4
MUNBI QC	48 06.6	78 18.5
MUNBO NL	52 07.5	64 48.0
MUPTO AB	50 37.9	114..32.2
MURLO NL	44 05.4	55 55.7
MURNU BC	49 52.6	125 53.8
MUSAD NB	45 33.0	65 53.0
MUSAK NL	48 00.0	52 00.0
MUSCA ON	41 55.0	83 00.4
MUSIT ON	45 23.8	82 25.2
MUSKK MB	50 25.9	99 48.1
MUSLO NL	60 10.0	62 00.0
MUSRA SK	49 12.5	106 55.0
MUSVA NU	64 00.0	63 00.0
MUTIB QC	45 36.5	71 52.1
MUTNA QC	45 00.3	73 33.5
MUTUR SK	51 15.9	102 27.7
MUVOX NS	44 51.9	64 12.2
MUVUD AB	55 39.8	111 38.7
MUVUR ON	51 49.2	93 58.4
MUXAT BC	57 38.4	130 34.9
MUZON BC	49 57.9	123 51.1

N	(N)LAT	(W)LONG
NAAPP BC	53 53.3	125 26.4
NABLO ON	43 40.3	82 01.5
NABOG QC	48 25.5	77 48.5
NADET NT	62 55.1	112 55.2
NADGI YT	60 42.6	135 04.0
NADMA NU	71 04.0	64 55.6
NADPI BC	51 42.9	117 20.4
NAGLI BC	49 03.3	125 56.9
NAGLO BC	49 37.8	127 13.7
NAGNO QC	46 42.2	77 28.5
NAKBI (Oceanic)	52 00.3	133 44.0
NAKBU ON	46 21.1	82 33.7
NAKTO NT	61 41.7	115 06.1
NALRU QC	46 35.7	71 18.1
NALDI NU	64 30.0	63 00.0
NAMTI AB	50 30.6	113 04.4

N (Cont'd)	(N)LAT	(W)LONG
NANOO BC	49 15.9	124 14.7
NANSA NU	73 00.4	85 02.8
NANSO NL	44 29.3	56 04.3
NAPEE QC	45 10.4	73 40.2
NAPLO NL	50 13.6	58 45.9
NARRY AB	54 28.5	119 49.7
NEEKO NL	52 24.0	55 50.0
NEWTN BC	49 09.3	122 46.2
NICSO NL	47 30.0	52 00.0
NIFTY NL	60 58.0	58 00.0
NILTT SK	50 52.9	105 01.5
NOPOT ON	44 17.3	77 32.9
NORAB SK	49 15.0	104 10.0
NORET AB	50 32.4	115 27.2
NOROD NB	45 37.3	65 46.1
NOROL QC	61 02.6	69 37.6
NORUN MB	50 16.1	96 21.3
NOSIK ON	43 59.0	82 11.9
NOSIV AB	50 54.4	113 17.5
NOSUT QC	46 21.6	73 58.6
NOTAP ON	45 12.5	82 28.5
NOTEX BC	50 22.7	124 11.4
NOTOP NS	45 27.2	62 00.7
NOTUG MB	53 51.4	94 39.2
NOVAR BC	50 40.4	116 23.4
NOVAX BC	50 39.1	118 21.3
NOVID QC	46 15.1	73 13.4
NOVON ON	43 52.6	76 36.4
NOWAA QC	50 48.8	73 42.0
NOXAG BC	49 02.4	123 34.3
NUBAM ON	47 57.0	84 49.4
NUBEG AB	54 16.9	113 59.1
NUBER ON	43 27.5	80 22.7
NUDET AB	52 55.0	111 22.4
NUDGE (Oceanic)	51 00.0	134 24.0
NUDOV QC	50 28.1	59 38.2
NUGAR BC	50 10.3	114 49.0
NUGIS QC	52 34.0	67 16.0
NUGOP ON	44 08.3	80 29.3
NUGUV BC	54 44.8	127 06.5
NUTBE BC	49 19.6	123 36.5
NUTBY NS	45 41.3	63 14.8
NUVVE AB	50 43.9	114 08.3

O	(N)LAT	(W)LONG
OBNAP AB	51 45.9	115 17.7
OBRET QC	47 00.0	74 24.5
OBRON QC	45 57.3	73 16.0
OBSAT QC	51 20.0	69 30.0
OBTAD AB	51 35.8	113 45.2
OBTAG AB	56 17.8	112 40.7
OBTAX QC	45 41.7	73 16.1
OBTEK QC	46 47.4	71 17.0
OBTOT BC	49 12.5	122 40.7
OBTUP AB	55 17.6	114 46.6
OBVAN QC	49 05.3	68 34.5
ODBOS QC	45 55.5	70 50.8
ODGOV SK	50 35.9	105 25.7

O (Cont'd)	(N)LAT	(W)LONG
ODKAP QC	50 53.0	66 03.5
ODLAN AB	50 11.6	111 23.4
OILRS AB	52 37.5	113 31.2
OKOPO QC	45 43.5	72 57.7
OLABA ON	44 28.6	76 12.2
OLAMO ON	43 16.0	79 53.2
OLARU YT	62 28.9	141 00.0
OLASI QC	46 19.8	74 56.2
OLAVO QC	47 02.4	72 10.0
OLESU QC	48 11.8	63 15.4
OLIGO ON	45 29.4	76 15.0
OLIMI AB	52 48.9	114 06.6
OLOKA QC	48 50.4	68 20.9
OMADU NS	45 03.3	64 17.8
OMALI QC	45 30.7	71 20.0
OMBRE QC	45 44.8	72 45.7
OMEGI QC	45 47.6	75 05.5
OMEKA NT	78 10.6	141 00.0
OMINO BC	48 55.3	122 39.8
OMIVO NU	63 44.0	68 32.9
OMLON NL	53 16.7	65 00.0
OMLOT MB	49 42.0	96 50.2
OMLUK AB	51 31.1	114 41.2
OMPOG QC	48 31.0	66 20.0
OMRAK ON	43 16.3	82 15.9
OMREG AB	53 18.6	110 04.4
OMRIR AB	53 21.4	110 49.5
OMRIT AB	50 25.1	112 55.6
OMROD AB	53 00.3	113 05.6
OMSAT NL	47 00.0	52 00.0
OMSEB BC	53 29.0	130 56.7
OMSIK BC	50 05.6	115 10.6
OMSUN YT	61 20.2	141 00.0
OMTIS AB	53 25.0	114 10.0
OMTOL QC	51 05.0	71 50.0
OMVAN YT	60 10.4	132 44.5
OMVEG ON	50 06.8	91 54.3
OMVEV NB	46 02.0	65 47.2
OMVIN BC	48 49.0	124 04.4
ONBOS AB	51 36.6	112 39.6
ONDET AB	54 36.3	118 12.0
ONDOB QC	45 41.6	76 26.3
ORNAI (Oceanic)	50 00.0	133 23.9
OTAKU NU	63 07.0	68 52.0
OTARA AB	50 37.4	114 03.6
OTEPI AB	55 00.1	119 14.7
OTIKA BC	49 15.6	123 41.7
OTLUR MB	49 54.6	97 14.4
OTNIK ON	46 24.2	83 38.3
OTNIX BC	49 20.0	126 30.0
OTNOX ON	48 41.5	89 53.7
OTONA ON	45 37.0	77 50.0
OTOVU QC	49 49.0	67 59.6
OTPAN QC	52 13.8	78 31.1
OTPUT QC	46 52.3	71 16.9
OTRAN MB	50 46.4	100 01.3
OTVAD AB	50 54.8	114 57.2

O (Cont'd)	(N)LAT	(W)LONG
OVATA SK	52 06.0	108 00.0
OVATU AB	58 29.5	119 24.4
OVBAG ON	49 08.0	86 13.0
OVBES NU	87 00.0	60 00.0
OVIXI NB	47 00.3	65 27.4
OVORA ON	48 44.6	86 19.7
OVUNI QC	48 18.4	78 31.6
OXASA ON	46 21.8	79 25.5

P	(N)LAT	(W)LONG
PARQE AB	53 43.3	119 29.2
PAULO NS	45 15.2	63 20.1
PEKRO NL	53 09.4	64 06.2
PEKVO QC	47 00.0	76 54.0
PELEE NU	52 55.0	80 00.0
PELMU MB	50 35.0	97 04.0
PELRI NU	85 00.0	60 00.0
PELSI QC	58 05.0	67 00.0
PELSU QC	46 53.1	76 34.8
PELTU NL	52 06.0	55 10.0
PELVA AB	54 00.0	114 40.0
PEMDU SK	49 00.2	108 29.9
PEMLU ON	50 47.0	80 00.0
PEMPA SK	49 53.6	104 19.2
PENDR BC	48 44.5	123 16.6
PENGI BC	48 53.5	123 08.2
PENTU QC	46 33.7	71 43.3
PEPGO AB	51 33.5	113 36.0
PEPKI NL	59 44.0	61 37.0
PEPLA ON	43 47.8	80 00.9
PEPRA NL	44 56.2	56 13.9
PEPSA AB	55 04.7	112 47.2
PERLU NL	47 17.4	54 02.8
PERTH ON	44 33.5	76 42.3
PERTU AB	51 03.6	113 13.1
PESAC QC	46 32.9	72 11.2
PETBO SK	49 00.0	104 00.0
PETLI BC	49 19.0	119 37.0
PETMA SK	56 05.6	106 03.1
PETNO QC	50 00.0	71 30.0
PETPA (Oceanic)	51 00.3	132 41.2
PEVLU AB	51 30.4	114 08.5
PEVNI ON	44 38.5	77 45.3
PEVTO QC	48 28.7	68 30.2
PIBLI AB	56 43.5	112 22.6
PIBRO QC	60 49.1	78 08.9
PIBSO AB	50 34.9	115 15.3
PIDSO NL	60 28.0	58 00.0
PIDVI MB	50 28.6	95 38.4
PIDVU BC	51 00.4	124 30.3
PIGLA NU	54 20.0	80 00.0
PIGNA QC	45 45.2	74 09.3
PIKLA AB	51 39.2	112 27.5
PIKSA ON	43 07.7	79 04.4
PIKNA QC	50 52.0	59 15.0
PILPA NT	62 42.0	112 44.8
PILSA BC	49 49.2	124 24.8
PINTE QC	46 26.7	70 03.0

P (Cont'd)	(N)LAT	(W)LONG
PITUT BC	48 32.0	128 02.0
PNASK BC	49 45.4	119 58.1
POLLE SK	54 46.5	103 50.0
POLTY QC	45 54.0	75 48.7
POPLR MB	52 42.6	97 38.4
PORGY (Oceanic)	56 19.0	58 05.0
PORTI NL	46 30.0	52 00.0
POTAT YT	67 56.1	141 00.0
POWOL BC	50 12.3	124 44.7
PRADA MB	49 25.5	95 45.5
PRAWN (Oceanic)	57 12.2	59 10.8
PRETY (Oceanic)	49 00.0	132 26.6
PRYCE BC	52 14.3	128 45.0
PULRE ON	42 17.8	82 53.1
PUPOV QC	45 34.4	72 20.3
PUSEL QC	56 32.2	76 31.1
PUSOD QC	45 30.1	71 29.7
PUVAX AB	55 27.5	112 07.5
PUVOK QC	54 48.9	66 45.3
PUXER QC	45 24.0	72 51.3
PUXIN BC	51 20.7	130 45.3
PUXOP NB	45 56.7	66 26.4

Q	(N)LAT	(W)LONG
QUBIS NB	47 32.0	67 46.0

R	(N)LAT	(W)LONG
RABAV ON	51 17.5	80 36.4
RABIK QC	45 17.9	72 36.6
RABOX AB	51 05.4	111 55.7
RADEN QC	45 55.9	76 01.6
RADUN NL	59 58.0	58 00.0
RAFIN (Oceanic)	44 53.0	51 48.3
RAGIX ON	43 32.6	78 57.4
RAGUT BC	50 49.6	117 29.0
RAKAM ON	44 01.3	76 29.7
RAKAP ON	43 25.1	82 12.1
RANGR ON	47 10.8	83 18.5
RAPID BC	54 14.5	121 34.2
REEDO ON	44 42.2	75 58.9
REFEX SK	52 42.1	110 00.0
RELIC NL	46 00.0	52 00.0
RENNY NB	48 24.8	61 49.0
RESAX AB	53 56.2	113 09.6
RESUM NT	84 14.7	141 00.0
REVEN QC	45 33.2	70 42.0
REVIK NB	46 53.7	67 46.1
REVUB ON	48 42.3	88 45.2
REVUD ON	43 49.4	80 49.6
REZIN QC	47 43.6	78 13.9
RIBIR ON	46 18.9	84 07.1
RIBIT BC	55 54.3	129 55.1
RIBUN NT	63 11.4	113 32.9
RICPO ON	42 13.4	82 41.6
RIDOK SK	57 25.7	106 32.2
RIGAD AB	51 43.2	114 22.9
RIKAL NL	51 48.0	54 32.0
RIONA ON	50 28.0	92 33.9

R (Cont'd)	(N)LAT	(W)LONG
ROBBE QC	51 08.6	70 00.0
RODBO NU	60 05.0	65 10.0
RODKU AB	52 06.7	113 23.6
ROGSA QC	46 07.4	71 41.7
ROGVU QC	48 51.1	68 12.9
ROLBU BC	48 53.0	125 21.8
ROLKO QC	50 16.9	63 36.7
ROLLA BC	55 45.8	120 00.1
ROMDA SK	56 20.6	102 26.1
ROMRA BC	52 02.8	117 39.2
RONCH BC	51 30.7	122 27.5
RONPU NU	61 30.0	80 00.0
ROPLA BC	49 41.7	114 43.6
ROPRO AB	55 18.0	111 50.0
RORMA MB	49 56.4	96 43.4
RORTU BC	55 06.2	121 41.5
ROSVO ON	45 35.4	77 28.8
ROTMA ON	45 49.9	83 23.7
ROUKE (Oceanic)	48 00.0	131 32.0
ROUND QC	51 15.0	75 02.8
ROVMA AB	50 58.5	114 33.5
ROVNA BC	49 34.9	124 42.1
ROYST BC	49 35.5	125 07.6
RUBDA NL	45 47.7	56 32.9
RUBKI ON	44 14.9	82 15.4
RUBKO NL	52 20.0	60 58.0
RUBSU AB	53 36.4	113 21.3
RUDVI SK	49 00.0	105 00.0
RUNNY BC	52 50.4	121 59.8
RYLEY AB	53 16.4	112 19.2

S	(N)LAT	(W)LONG
SAFOL BC	49 04.6	122 42.0
SANIN ON	44 04.7	77 25.9
SASID QC	46 02.0	75 45.0
SASOB ON	49 24.7	82 28.2
SASUG NS	46 09.2	60 03.3
SATAX NU	72 41.4	77 58.1
SATIP QC	47 25.5	61 46.7
SATOT QC	45 50.5	74 15.5
SATOV AB	50 05.5	114 31.7
SATUL AB	50 40.4	113 30.7
SAVAK MB	50 33.0	96 50.0
SAVAT QC	64 13.8	76 31.5
SAVEL AB	56 40.0	111 17.2
SAVEX ON	45 30.8	74 27.8
SAVRY NL	59 28.0	58 00.0
SAXAN NL	51 29.0	53 51.0
SAXOL AB	51 28.0	113 38.0
SCOTS NS	44 30.0	64 00.0
SEATN BC	50 42.2	122 22.1
SEBIG BC	50 03.7	119 25.0
SEDEL AB	50 40.0	114 51.4
SEDIB MB	51 04.4	97 21.3
SEDOG ON	44 00.6	79 35.1
SEDUR SK	54 06.8	106 41.1
SEFFY SK	51 23.4	107 08.3
SEFIX BC	48 44.6	126 42.5

S (Cont'd)	(N)LAT	(W)LONG
SEGAN ON	50 00.0	89 20.0
SEGEX BC	48 55.1	124 59.3
SEKAN AB	51 47.8	114 50.0
SEKIK AB	56 55.5	111 55.2
SEKOM AB	49 38.1	113 35.2
SELBO QC	49 10.0	78 00.0
SELES ON	45 26.5	75 53.8
SELUM AB	55 31.1	112 50.1
SEMPO AB	49 41.7	111 38.2
SEMRO QC	46 16.7	74 12.6
SEMTO NU	59 14.0	67 00.0
SENLU ON	44 19.5	77 34.4
SENRI BC	49 19.0	124 01.1
SENSA BC	49 23.2	121 25.5
SENVI NS	44 44.0	64 09.9
SERBO NL	52 06.1	60 43.0
SESDA AB	51 11.3	113 13.1
SETGA AB	51 51.5	115 13.4
SETGO ON	45 16.1	81 36.2
SETVO QC	46 21.5	77 31.0
SEVMO AB	55 34.4	113 10.1
SHAIK QC	51 33.5	66 32.8
SHARD BC	49 19.4	122 32.6
SHAWI SK	51 14.1	110 00.0
SIDPO MB	49 55.5	95 26.0
SIGPA BC	50 07.0	115 11.4
SIGTA BC	49 03.6	125 09.5
SIKBO ON	43 39.2	79 21.0
SILNI NL	52 46.5	66 14.0
SILRO NL	47 00.0	58 35.0
SILVI QC	45 47.0	72 22.9
SILVR BC	49 20.5	116 47.1
SILVU ON	45 44.6	81 54.9
SIMLU (Oceanic)	50 00.3	131 42.6
SIMSU BC	50 46.9	128 25.6
SIMTA AB	51 02.5	114 47.4
SIMTO QC	47 03.4	70 49.8
SINGA NL	59 13.0	61 05.0
SINRO QC	45 53.9	73 33.3
SINVU NU	76 51.5	75 36.4
SKAHA BC	49 25.1	119 35.1
SKANI BC	55 39.4	122 38.2
SKYPO BC	49 43.1	123 07.9
SMARE QC	46 19.6	78 09.8
SOCAN QC	53 46.8	75 00.0
SODAC BC	52 24.3	122 29.2
SOINT BC	50 36.4	126 54.6
SOKYE QC	46 21.5	72 51.1
SPALD ON	49 14.7	82 53.4
SPARD BC	55 26.4	122 16.1
SPHRE ON	42 01.6	82 04.2
SPONJ (Oceanic)	49 22.0	130 05.1
SPOTE QC	52 28.2	67 00.0
SPRAE AB	51 00.2	115 27.4
SPUZZ BC	49 46.5	121 23.8
SPYSR BC	53 40.8	130 11.4
SSUNN ON	41 57.6	82 33.1

S (Cont'd)	(N)LAT	(W)LONG
STAFE ON	48 27.0	81 04.4
STAHL BC	54 43.0	121 25.2
STAVE BC	49 24.1	122 20.9
STIGS AB	49 00.0	113 34.4
STUMM BC	50 21.2	119 50.9
SULRY BC	49 49.7	124 12.1
SUPRY NL	45 30.0	52 00.0
SUSUB NL	53 19.2	60 25.6
SUTKO NL	46 31.0	56 49.3
SUTUL ON	43 31.6	78 57.1
SUVAK BC	50 34.9	119 12.9
SUVDI NU	63 20.8	90 43.9
SUXEB QC	47 45.8	79 03.1
SUXEG AB	55 13.8	111 58.0

T	(N)LAT	(W)LONG
TABRU QC	50 13.9	66 16.4
TABVU BC	49 40.7	125 51.0
TADIS ON	50 00.0	90 00.0
TAFFY NB	47 22.4	67 18.2
TAGET QC	46 53.0	75 49.2
TAGIS QC	61 35.3	71 55.8
TAGIT AB	57 08.3	112 04.9
TAGOT SK	52 10.9	106 43.2
TAGRA NL	47 10.7	57 04.7
TAGUM ON	43 28.9	82 09.8
TAGUP MB	50 52.9	96 11.7
TAKIN QC	45 50.2	72 51.1
TAKOL QC	45 39.0	75 11.9
TAKOM BC	49 48.6	119 37.8
TALEB ON	44 01.0	78 23.3
TALGO (Oceanic)	44 10.0	52 26.0
TALNO QC	44 59.6	74 21.6
TAMKO QC	46 02.9	73 54.7
TAMRU (Oceanic)	48 57.3	130 48.2
TAMVU AB	51 17.0	114 45.7
TANGI ON	44 23.1	79 24.1
TANKO ON	43 01.5	82 23.0
TASTI NL	52 39.8	61 39.2
TAVMA QC	46 45.7	71 43.0
TAVRA AB	56 09.0	111 11.1
TAYTA NT	71 33.7	141 00.0
TEALS QC	55 38.9	67 00.0
TEFFO NU	62 48.0	67 00.0
TETAG AB	54 04.3	114 08.0
TENYA BC	49 50.4	118 44.4
TESUD NT	63 01.4	113 05.8
TESUK ON	43 51.1	78 48.9
TETOS ON	43 18.6	80 39.3
TEXED NL	47 32.8	54 09.2
TEXEX QC	55 16.9	77 45.9
TEXID ON	43 35.0	78 58.0
TEXUB NB	46 15.3	64 29.8
TEXUN NL	53 00.0	61 51.0
THURO ON	45 33.4	74 54.5
TIBOY AK	63 01.0	141 00.0
TIGET ON	44 23.4	77 09.7
TIGIP NL	55 26.9	60 13.7

T (Cont'd)	(N)LAT	(W)LONG
TIGOR NL	47 24.9	54 06.8
TOBIC ON	43 38.7	79 34.9
TONNY ON	44 11.1	79 43.4
TORNI ON	45 06.0	76 13.9
TOTAP MB	49 25.0	99 40.0
TOVAD YT	61 37.8	140 58.9
TOVED ON	48 59.0	85 44.0
TOVIS AB	52 11.3	111 08.2
TOVUM AB	49 14.5	112 48.9
TOXAB AB	51 31.7	114 51.7
TOXAL QC	45 08.6	71 34.9
TOXIP QC	45 55.8	77 04.1
TOXIT NL	58 58.0	58 00.0
TREEL BC	49 21.4	123 51.9
TRENA BC	50 26.1	124 14.2
TRUDY ON	48 55.0	88 30.4
TUDAN ON	45 36.9	82 04.0
TUDEP NL	51 10.0	53 14.0
TUDOX AB	50 07.4	111 12.7
TUGUB NB	45 58.7	67 46.9
TUKAD MB	49 09.0	95 53.5
TUKIR ON	45 15.1	76 14.3
TUKUL BC	49 29.3	119 36.1
TULAG SK	56 41.9	107 53.4
TULEG ON	43 43.9	76 43.2
TULOB AB	50 35.6	114 45.8
TULOV AB	50 55.6	111 28.5
TUNNI QC	60 00.0	70 00.0
TURNY AB	50 48.6	114 19.8
TUSKY NS	43 33.9	67 00.0

U	(N)LAT	(W)LONG
UBTEV QC	48 44.8	65 02.0
UBTIX ON	47 00.0	77 50.0
UBVAL AB	50 37.7	113 53.1
UDBAM QC	46 45.4	71 58.9
UDBOT ON	48 21.0	88 34.1
UDBOX MB	50 00.0	100 00.0
UDGAK QC	46 06.3	75 05.4
UDGAN MB	49 56.2	99 02.6
UDLUB QC	52 15.5	66 38.9
UDMAP BC	49 06.0	128 33.9
UDMAR NL	57 35.0	62 55.0
UDMUG ON	44 52.9	78 58.9
UDPAV AB	51 45.2	110 54.0
UKNIX ON	42 56.7	78 55.1
UKONA NT	63 06.9	113 18.5
UKPAG ON	43 41.1	78 49.9
UKPAM QC	45 58.5	72 33.3
UKRAL AB	50 24.5	114 22.0
UKRAM AB	52 46.1	113 56.4
UKROX ON	43 36.8	79 23.1
UKSAP AB	50 56.7	114 44.9
UKSAR AB	56 46.5	111 59.4
UKSIL QC	53 37.5	77 42.2
ULAMO ON	47 54.0	81 31.0
ULBOD NU	62 50.9	69 52.6

U (Cont'd)	(N)LAT	(W)LONG
ULBUX QC	47 31.3	77 10.9
ULDON QC	50 58.3	72 19.4
ULUTO ON	46 18.3	84 05.7
UMESI NL	50 50.0	52 36.0
UMETI NL	47 34.8	59 15.5
URLEG BC	49 29.4	118 08.2
URMUM, ON	44 17.8	76 36.3
URPUX AB	52 39.9	116 12.0
URSOD MB	50 06.5	98 41.5
URTAK NL	58 28.0	58 00.0
URVAS QC	46 04.5	72 36.3
URVEB BC	49 20.9	120 21.9
USBAM PE	47 37.8	63 12.5

V	(N)LAT	(W)LONG
VANSI QC	51 29.5	76 00.0
VARSY BC	49 17.2	123 17.1
VEELA ON	42 07.6	82 45.0
VEPTU QC	54 38.0	75 00.0
VERCH QC	58 12.9	65 00.0
VERDO ON	43 46.3	78 46.0
VERTI ON	45 15.0	74 50.5
VERTU QC	51 30.3	59 45.4
VESDO AB	49 58.7	111 19.1
VESGO AB	54 40.0	111 30.0
VESMI NL	57 58.0	58 00.0
VESRU ON	49 49.9	92 44.6
VETBI AB	51 12.1	113 25.4
VETGI BC	51 00.5	125 50.0
VETRO ON	50 12.0	80 00.0
VEVSU QC	45 15.3	73 19.3
VIBGA BC	48 55.8	124 51.5
VIBNU QC	45 53.3	73 31.6
VIBRU ON	44 20.4	76 01.3
VIBTA BC	48 57.9	121 29.6
VIDGI AB	55 21.7	119 12.4
VIDGO QC	46 02.8	74 29.8
VIDKU (Oceanic)	48 13.7	130 12.0
VIDRI BC	50 13.6	121 30.0
VIGDU NB	45 28.4	67 29.7
VIGMA NS	44 20.5	66 38.6
VIGNA BC	48 55.6	124 29.6
VIGRO QC	47 00.0	71 51.3
VIKBU QC	45 49.0	72 02.5
VIKNO ON	45 15.5	74 36.9
VILPA MB	50 03.8	96 49.1
VILRO QC	45 37.0	72 42.9
VIMBA AB	52 04.1	114 30.6
VINDI QC	45 40.3	70 31.2
VINKO AB	50 57.8	110 00.0
VINSI NL	47 53.9	57 22.0
VIPDI NU	66 31.2	86 13.5
VIPKA QC	52 13.9	67 58.7
VIPRI ON	43 40.6	79 10.1
VIPVA AB	54 07.8	112 43.1
VIRKA QC	45 03.8	73 16.4
VIRPU YT	62 24.5	140 51.7
VIRSO NU	54 00.0	80 00.0

V (Cont'd)	(N)LAT	(W)LONG
VITEV BC	49 28.2	122 10.4
VITOL NS	41 47.0	67 00.0
VITOV ON	43 55.6	80 29.2
VITUX NB	45 18.1	66 16.9
VIVIL QC	46 09.7	70 53.2
VIVUG AB	55 32.7	111 47.6
VIXOR BC	48 43.6	123 29.1
VLADI MI	42 38.6	82 43.5
VOBOK QC	45 24.8	73 07.8
VOBUD BC	50 07.7	117 16.6
VOBUK AB	49 43.0	113 12.0
VOBUN YT	61 11.9	135 16.4
VODEK NU	63 50.0	70 00.0
VODIX QC	47 32.5	69 14.2
VODOO AB	59 15.7	117 56.1
VOGET NS	45 00.6	63 58.5
VOGOK NT	61 47.2	121 15.7
VOKAR NL	53 30.0	62 34.0
VOKIM AB	51 30.9	115 01.0
VOKUL SK	54 08.5	105 01.3
VOKET QC	51 30.0	67 00.0
VOLOB YT	70 30.0	141 00.0
VOLOX BC	50 41.0	120 20.1
VUCAN QC	49 53.9	71 15.2

W	(N)LAT	(W)LONG
WAINN AB	53 02.0	110 50.0
WALAC ON	45 46.7	82 03.6
WALPP ON	44 32.1	80 46.7
WALSH AB	50 03.6	110 00.0
WALUP BC	53 47.6	120 34.2
WASEN BC	51 34.7	117 13.0
WELLF BC	50 54.5	116 36.1
WEPIL ON	42 20.2	82 38.7
WHATS BC	49 58.0	118 16.3
WHIST SK	49 55.9	102 40.9
WIGHT BC	50 42.0	122 46.2
WIGNO BC	51 42.0	122 48.3
WNGNT ON	42 27.0	82 19.6
WOPAC QC	48 39.6	67 18.7
WTEVR ON	42 27.8	81 44.0
WTMAN BC	50 15.2	119 25.2
WUGOR ON	48 36.0	93 25.7
WYLDE AB	53 36.9	114 53.6

X	(N)LAT	(W)LONG
XEXUL ON	50 11.0	86 41.8
XOVON MB	51 00.0	100 00.0
XUDEV QC	50 12.5	66 40.5
XULDU NU	74 43.0	94 58.2

Y	(N)LAT	(W)LONG
YAROW BC	50 27.6	121 23.3
YARRK ON	42 31.4	81 16.1
YEGGA AB	53 11.1	113 52.0
YOUNG SK	51 51.3	105 06.4

Z	(N)LAT	(W)LONG
ZOMTA MB.....	49 00.0	097 07.9

RADIO NAVIGATION AND COMMUNICATIONS

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DME FREQUENCY PAIRING PLAN

The following list of paired "X" and "Y" DME frequencies is provided to allow DME equipped aircraft to use the DME function of TACAN's not collocated with a VOR. The "Y" frequencies are generally associated with an ILS. ICAO Annex 10, Vol. 1 refers.

VOR-ILS Freq MHz	TACAN Channel	VOR-ILS Freq MHz	TACAN Channel	VOR Freq MHz	TACAN Channel	VOR Freq MHz	TACAN Channel
108.00	17X	109.95	36Y	111.90	56X	113.85	85Y
108.05	17Y	110.00	37X	111.95	56Y	113.90	86X
108.10	18X	110.05	37Y	112.00	57X	113.95	86Y
108.15	18Y	110.10	38X	112.05	57Y	114.00	87X
108.20	19X	110.15	38Y	112.10	58X	114.05	87Y
108.25	19Y	110.20	39X	112.15	58Y	114.10	88X
108.30	20X	110.25	39Y	112.20	59X	114.15	88Y
108.35	20Y	110.30	40X	112.25	59Y	114.20	89X
108.40	21X	110.35	40Y	112.30	70X	114.25	89Y
108.45	21Y	110.40	41X	112.35	70Y	114.30	90X
108.50	22X	110.45	41Y	112.40	71X	114.35	90Y
108.55	22Y	110.50	42X	112.45	71Y	114.40	91X
108.60	23X	110.55	42Y	112.50	72X	114.45	91Y
108.65	23Y	110.60	43X	112.55	72Y	114.50	92X
108.70	24X	110.65	43Y	112.60	73X	114.55	92Y
108.75	24Y	110.70	44X	112.65	73Y	114.60	93X
108.80	25X	110.75	44Y	112.70	74X	114.65	93Y
108.85	25Y	110.80	45X	112.75	74Y	114.70	94X
108.90	26X	110.85	45Y	112.80	75X	114.75	94Y
108.95	26Y	110.90	46X	112.85	75Y	114.80	95X
109.00	27X	110.95	46Y	112.90	76X	114.85	95Y
109.05	27Y	111.00	47X	112.95	76Y	114.90	96X
109.10	28X	111.05	47Y	113.00	77X	114.95	96Y
109.15	28Y	111.10	48X	113.05	77Y	115.00	97X
109.20	29X	111.15	48Y	113.10	78X	115.05	97Y
109.25	29Y	111.20	49X	113.15	78Y	115.10	98X
109.30	30X	111.25	49Y	113.20	79X	115.15	98Y
109.35	30Y	111.30	50X	113.25	79Y	115.20	99X
109.40	31X	111.35	50Y	113.30	80X	115.25	99Y
109.45	31Y	111.40	51X	113.35	80Y	115.30	100X
109.50	32X	111.45	51Y	113.40	81X	115.35	100Y
109.55	32Y	111.50	52X	113.45	81Y	115.40	101X
109.60	33X	111.55	52Y	113.50	82X	115.45	101Y
109.65	33Y	111.60	53X	113.55	82Y	115.50	102X
109.70	34X	111.65	53Y	113.60	83X	115.55	102Y
109.75	34Y	111.70	54X	113.65	83Y	115.60	103X
109.80	35X	111.75	54Y	113.70	84X	115.65	103Y
109.85	35Y	111.80	55X	113.75	84Y	115.70	104X
109.90	36X	111.85	55Y	113.80	85X	115.75	104Y

VOR-ILS Freq MHz	TACAN Channel	VOR-ILS Freq MHz	TACAN Channel	VOR Freq MHz	TACAN Channel	VOR Freq MHz	TACAN Channel
115.80	105X	116.35	110Y	116.90	116X	117.45	121Y
115.85	105Y	116.40	111X	116.95	116Y	117.50	122X
115.90	106X	116.45	111Y	117.00	117X	117.55	122Y
115.95	106Y	116.50	112X	117.05	117Y	117.60	123X
116.00	107X	116.55	112Y	117.10	118X	117.65	123Y
116.05	107Y	116.60	113X	117.15	118Y	117.70	124X
116.10	108X	116.65	113Y	117.20	119X	117.75	124Y
116.15	108Y	116.70	114X	117.25	119Y	117.80	125X
116.20	109X	116.75	114Y	117.30	120X	117.85	125Y
116.25	109Y	116.80	115X	117.35	120Y	117.90	126X
116.30	110X	116.85	115Y	117.40	121X	117.95	126Y

VOR FACILITIES WITH REDUCED SERVICE VOLUMES

Service volume is the volume of airspace where a VOR provides an accurate signal which is protected from co-channel interference from other VORs.

VOR frequency assignments in Canada are normally protected against co-channel interference to a maximum radius of 200NM from the facility. However, in the Quebec City - Windsor - Sault Ste. Marie triangle, the protection is only 150NM.

VORs with additional reduced service volumes due to signal accuracy or co-channel interference appear in the following table:

Location	Service volume	VOR frequency
Whitehorse YT / YXY	VOR R-076 is occasionally subject to severe scalloping	116.6 MHz

RADIO NAVIGATION AIDS BY LOCATION

This section provides variation information on VHF/UHF NAVAID facilities that do not fit into Section B "Aerodrome/Facility Directory", NAVIGATION (NAV).

Magnetic variation values for NDBs and magnetic declination values for which VORs and TACANs are physically set are shown.

Omission of a variation value indicates that magnetic variation data is not available for that location.

Any NOTAM regarding Canadian navigation facilities are issued under the appropriate NOTAM series, in accordance with their dissemination category. For more information on how to obtain NOTAM, NOTAM Regions and dissemination categories, consult AIP Canada (ICAO).

RADIO NAVIGATION AIDS BY LOCATION

Name	Type	Indicator	Freq/Ch (Aux Code)	(N)Lat	(W)Long	Elev	Var/ Dec
Active Pass, BC	NDB	AP	378(L)	48 52 26	123 17 24		16E
Akureyri, Iceland	VOR/DME	AKI	113.6/83X	65 45 35	18 00 15		
Akureyri, Iceland	NDB	AR	334(LZ)	65 45 21	18 05 23		
Angissoq, Gnld.	NDB	AS	318(L)	59 59 00	45 10 00		
Bermuda,Bermuda	VORTAC	BDA	113.9/86	32 21 51	64 41 22		
Bjargtangar, Iceland	NDB	BT	287.3	65 30 10	24 32 00		
Broadview, SK	DME	YDR	117.5/122	50 21 47	102 32 25	2024	
Broughton (Qikiqtarjuaq), NU	NDB	YJI	237(M)	67 33 44	64 01 06	167	
Campbellford, ON	DME	YCF	82	44 19 59	77 42 17	636	
Christianshaab, Gnld.	NDB	CH	265(L)	68 49 30	51 12 30		
Delta, MB	NDB	UDE	269(L)	50 09 59	98 18 26		4E
Egedesminde, Gnld.	NDB	EM	215(L)	68 42 36	52 50 36		
Ellidavatn, Iceland	NDB	EL	335(M)	64 04 48	21 46 26		
Enderby, BC	DME	YNY	99	50 39 01	118 55 33	6449	16E
Flores, Azores	NDB	FLO	270(M)	39 26 37	31 09 49		
Frederikshaab, Gnld.	NDB	FH	331(L)	61 59 50	49 39 07		
Gardur (Husavik), Iceland	NDB	GA	377(L)	65 52 41	17 27 50		
Gjogur, Iceland	NDB	GJ	340	65 59 49	21 20 15		
Godhavn, Gnld.	NDB	GN	306(M)	69 14 42	53 32 00		
Goltur, Iceland	NDB	GV	310.3	66 09 48	23 34 24		
Graciosa, Azores	NDB	GRA	283(M)	39 05 00	28 01 00		
Grimsey, Iceland	NDB	GR	308(L)	66 31 36	17 59 06		
Grof (Reykjavik), Iceland	NDB	GF	319(L)	64 08 59	21 56 30		
Hegranes, Iceland	NDB	HE	362(L)	65 45 05	19 31 23		
Hjalteyri, Iceland	NDB	HJ	319(L)	65 50 56	18 11 40		
Hofsa, Iceland	NDB	HA	348	65 37 46	15 02 29		
Holmavik, Iceland	NDB	HK	366	65 38 38	21 28 46		
Holsteinsborg, Gnld.	NDB	HB	328(H)	66 56 13	53 42 15		
Hornbjarg, Iceland	NDB	HO	298.8(M)	66 24 44	22 23 02		
Husavik, Iceland	NDB	HS	329(M)	65 55 37	17 26 20		
Ilulissat, Gnld.	NDB	JV	367(L)	69 14 34	51 04 40		
Ilulissat, Gnld.	DME	JA	111.95/56Y	69 14 29	51 03 58		
Ingo, Iceland	VOR/DME	ING	112.4/71	63 48 11	16 38 17		
Jan Mayen, Norway	NDB	JAN	362	70 56 41	08 40 12		
Julianehaab, Gnld.	NDB	JH	265(L)	60 43 30	46 02 00		
Kangerlussuaq, Gnld.	DME	ISF	109.55/32Y	67 01 07	50 40 56		
Killaloe, ON	DME	YXI	115.6/103	45 39 47	77 36 10		12W
Kopasker, Iceland	NDB	KP	400(L)	66 18 08	16 27 00		
Langholt, Iceland	NDB	LA	344(L)	65 34 38	19 29 20		
Langruth, MB	DME	VLR	112.2/59	50 25 20	98 43 25	935	5E
Malarrif, Iceland	NDB	MA	303.4(M)	64 43 41	23 48 29		
Marmorilik, Gnld.	NDB	MAR	322(L)	71 07 41	51 13 21		
Miquelon, France	NDB	MQ	402 (L)	47 05 51	56 23 09		21W
Nanortalik, Gnld.	NDB	NN	270(L)	60 08 45	45 15 20		
Narsaq, Gnld.	NDB	NS	404(L)	60 53 54	46 00 46		
Nes (Reykjavik), Iceland	NDB	NS	370(L)	64 08 03	21 57 49		

RADIO NAVIGATION AIDS BY LOCATION (Cont'd)

Name	Type	Indicator	Freq/Ch (Aux Code)	(N)Lat	(W)Long	Elev	Var/ Dec
Nordfjordur, Iceland	NDB	NF	325(M)	65 08 00	13 44 39		
Ogur, Iceland	NDB	OG	400(L)	66 02 36	22 41 18		
Pabok (Du Rocher-Percé), QC	NDB	W7	219(M)	48 22 54	64 33 50		18W
Paine (Snohomish Co (Paine Fld)), WA	VOR/DME	PAE	110.6/43	47 55 11	122 16 40	670	20E
Patreksfjordur, Iceland	NDB	PA	348(M)	65 33 30	23 58 20		
Prins Christian Sund, Gnld.	NDB	OZN	372(H)	60 03 32	43 09 49		
Raufarhofn, Iceland	NDB	RG	301.1(M)	66 27 12	15 57 12		
Reykholt, Iceland	NDB	RH	325(L)	64 39 52	21 17 35		
Reykjanes, Iceland	NDB	RN	291.9(M)	63 48 53	22 42 53		
Reykjanesskoli, Iceland	NDB	RE	316(M)	65 55 37	22 25 55		
Rif, Iceland	NDB	RF	330	64 54 42	23 49 24		
Saguenay, QC	DME	YUC	114.2/89	48 01 02	71 16 09	2918	17W
Sao Miguel, Azores	NDB	MGL	371(M)	37 44 00	25 35 00		
Sault Ste. Marie, MI	VOR/DME	SSM	112.2/59	46 24 44	84 18 54		4W
Scoresbysund, Gnld.	NDB	SC	343(M)	70 29 12	21 57 36		
Skagata, Iceland	NDB	SM	312.6	66 07 12	20 06 12		
Skagi, Iceland	NDB	SA	379(L)	64 18 21	21 58 18		
Skookum (Cranbrook), BC	NDB	SX	368(M)	49 57 18	115 47 32	2830	17E
Slettuhlid, Iceland	NDB	SD	370(L)	66 04 00	19 20 06		
Stykkisholmur, Iceland	NDB	SU	382(M)	65 03 36	22 45 20		
Tatoosh, WA	VORTAC	TOU	112.2/59	48 17 59	124 37 37	1652	22E
Thorshofn, Iceland	NDB	TH	339(M)	66 15 03	15 16 04		
Torbay, NL	VOR/DME	YYT	113.5/82	47 29 07	52 51 08		17W
Upernavik, Gnld.	NDB	UP	399(M)	72 47 35	56 09 14		
Vopnafjordur, Iceland	NDB	VP	393(M)	65 42 59	14 51 14		
Whatcom, WA	VORTAC	HUH	113.0/77	48 56 43	122 34 45	80	20E

RADIO NAVIGATION AIDS BY INDICATOR

This section provides variation and location information on VHF/UHF NAVAID facilities.

Magnetic variation values for NDBs and magnetic declination values for which VORs and TACANs are physically set are shown.

Omission of a variation value indicates that magnetic variation data is not available for that location.

Classification for NAV CANADA-owned DME:

L = Low power (typically used within 40NM range)

U= Unrestricted range (suitable for extended high altitude use)

RADIO NAVIGATION AIDS BY INDICATOR

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	A				
AKI	Akureyri, Iceland, VOR/DME	65 45.6	18 00.2		
ANN	Annette Island, AK, VORTAC	55 03.6	131 34.7		
AP	Active Pass, BC, NDB	48 52.4	123 17.4	16E	
AR	Akureyri, Iceland, NDB	65 45.4	18 05.4		
AS	Angissoq, Gnld, NDB	59 59.0	45 10.0		
A5	Chinchaga, AB, NDB	57 32.7	119 6.7	18E	
	B				
BDA	Bermuda, Bermuda, VORTAC	32 21.9	64 41.4		
BGR	Bangor, ME, VORTAC	44 50.5	68 52.5	19W	
BK	Baker Lake, NU, NDB	64 18.9	96 03.9		
BR	Brandon, MB, NDB	49 54.5	100 04.4	7E	
BR	Breidavad, Iceland, NDB	65 20.0	14 22.4		
BT	Bjargtangar, Iceland, NDB	65 30.2	24 32.0		
B5	Gunisao Lake, MB, NDB	53 31.3	96 22.5	3E	
	C				
CA	Cartwright, NL, NDB	53 42.5	57 01.3	22W	
CB	Cambridge Bay, NU, NDB	69 06.9	105 01.0		
CH	Christianshaab, Gnld, NDB	68 49.5	51 12.5		
CI	Koloe, MI, NDB	46 19.9	84 32.5	6W	
	D				
DA	Dawson City, YT, NDB	64 01.7	139 10.1	19E	
DA	Kulusuk, Gnld, NDB	65 34.3	37 12.7		
DC	Princeton, BC, NDB	49 28.2	120 31.0	16E	
DL	Pykla (Duluth), MN, NDB	46 50.8	92 21.3	3E	
D3	Ponoka Indus, AB, NDB	52 41.0	113 36.4	14E	
	E				
EB	Namao, AB, NDB	53 40.1	113 27.6	14E	
EG	Egilsstadir, Iceland, NDB	65 13.9	14 27.3		
EL	Ellidavatn, Iceland, NDB	64 04.8	21 46.4		
EM	Egedesminde, Gnld, NDB	68 42.6	52 50.6		
EV	Inuvik, NT, NDB	68 19.6	133 35.6	21E	
EX	Rutland (Kelowna), BC, NDB	49 56.4	119 22.5	15E	
E3	Wabasca, AB, NDB	55 57.8	113 49.4	16E	
E3	Wabasca, AB, DME	55 57.8	113 49.4		
E8	Natuashish, NL, NDB	55 54.7	61 11.4	23W	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	F				
FH	Frederikshaab, Gnld, NDB	61 59.8	49 39.1		
FIL	Horta, Azores, NDB	38 31.3	28 41.3		
FLO	Flores, Azores, NDB	39 26.6	31 09.8		
FO	Flin Flon, MB, NDB	54 40.5	101 40.2	6E	
	G				
GA	Gardur (Husavik), Iceland, NDB	65 52.7	17 27.8		
GEG	Spokane, WA, VORTAC	47 33.9	117 37.6	21E	
GF	Aylesford (Greenwood), NS, NDB	45 01.4	64 48.6	19W	
GF	Grof (Reykjavik), Iceland, NDB	64 09.0	21 56.5		
GH	Godthaab, Gnld, NDB	64 10.9	51 45.3		
GJ	Gjogur, Iceland, NDB	65 59.8	21 20.3		
GN	Godhavn, Gnld, NDB	69 14.7	53 32.0		
GN	Godhavn, Gnld, DME	64 11.4	51 41.0		
GP	Lajes, Azores, NDB	38 47.0	27 06.8		
GR	Grimsey, Iceland, NDB	66 31.6	17 59.1		
GRA	Graciosa, Azores, NDB	39 05.0	28 01.0		
GV	Goltur, Iceland, NDB	66 09.8	23 34.4		
GW	Jarpik (Kuujjuarapik), QC, NDB	55 17.1	77 45.1	16W	
	H				
HA	Hofsa, Iceland, NDB	65 37.8	15 02.5		
HB	Holsteinsborg, Gnld, NDB	66 56.2	53 42.3		
HE	Hegranes, Iceland, NDB	65 45.1	19 31.4		
HI	Holman, NT, NDB	70 45.7	117 47.4		
HJ	Hjalteyri, Iceland, NDB	65 50.9	18 11.7		
HK	Holmavik, Iceland, NDB	65 38.6	21 28.8		
HM	Hamilton, ON, NDB	43 07.3	80 00.4	10W	
HN	Hornafjordur, Iceland, NDB	64 16.2	15 12.7		
HO	Hornbjarg, Iceland, NDB	66 24.7	22 23.0		
HS	Husavik, Iceland, NDB	65 55.6	17 26.3		
HUH	Whatcom, WA, VORTAC	48 56.7	122 34.8	20E	
HV	Hvammur, Iceland, NDB	65 38.1	18 04.4		
	I				
IBL	Campbell River, BC, DME	49 57.3	125 16.8		L
IBP	Moose Jaw, SK, DME	50 19.9	105 33.8		
IBR	Brandon Muni, MB, DME	49 54.5	99 57.7		
IBW	Calgary/Springbank, AB, DME	51 06.1	114 22.9		L
IBX	Lourdes-de-Blanc-Sablon, QC, DME	51 27.0	57 10.9		L
ICD	Nanaimo, BC, DME	49 03.6	123 52.1		L
IDC	Fredericton, NB, DME	45 51.8	66 32.9		L
IDF	Deer Lake, NL, DME	49 12.9	57 23.2		L
IDP	Toronto, ON, DME	43 39.7	79 37.2		L
IEV	Inuvik, NT, DME	68 18.2	133 29.9		L
IFB	Iqaluit, NU, DME	63 45.0	68 32.7		L
IFZ	Vancouver, BC, DME	49 11.0	123 09.9		L
IGY	Calgary, AB, DME	51 07.5	114 02.0		L
IHD	Dryden, ON, DME	49 50.1	92 45.0		L
IHU	St-Hubert, QC, DME	45 31.4	73 24.5		L
IHZ	Halifax, NS, DME	44 53.6	63 30.8		L
IIF	St-Augustin, QC, DME	51 12.2	58 39.3		L
IJS	Toronto, ON, DME	43 39.7	79 37.2		L

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
IKA	Kamloops, BC, DME	50 42.2	120 27.7		L
IKH	Victoria, BC, DME	48 39.2	123 26.1		L
ILG	Calgary, AB, DME	51 08.7	113 59.3		L
ILW	Kelowna, BC, DME	49 57.8	119 22.6		L
IMJ	Moose Jaw, SK, DME	50 19.9	105 33.8		
IMK	Vancouver, BC, DME	49 11.8	123 12.0		L
ING	Ingo, Iceland, VOR/DME	63 48.2	16 38.3		
INL	International Falls, MN (Fort Frances Muni, ON), VOR/DME	48 33.9	93 24.3	6E	
INV	Toronto, ON, DME	43 40.5	79 36.0		L
IOA	Montreal, QC, DME	45 27.6	73 44.3		L
IOW	Ottawa, ON, DME	45 18.8	75 40.0		L
IPR	Prince Rupert, BC, DME	54 17.4	130 27.0		L
IQG	Windsor, ON, DME	42 16.9	82 56.8		L
IQH	Watson Lake, YT, DME	60 07.1	128 49.8		L
IQX	Gander, NL, DME	48 57.0	54 33.6		L
IRB	Resolute Bay, NU, DME	74 42.7	94 57.6		L
IRD	Vancouver, BC, DME	49 12.1	123 09.8		L
IRF	Calgary, AB, DME	51 06.8	113 59.3		L
IS	Isafjordur, Iceland, NDB	66 05.8	23 02.8		
ISF	Kangerlussuaq, Gnld, DME	67 01.1	50 40.9		
ISO	St. John's, NL, DME	47 37.4	52 44.4		L
ISR	Fort Mackay/Firebag, AB, DME	57 16.1	110 58.5		
ITF	Alma, QC, DME	48 30.2	71 37.8		L
ITH	Thompson, MB, DME	55 47.9	97 52.3		L
ITL	Vancouver, BC, DME	49 12.3	123 11.8		L
ITO	Toronto, ON, DME	43 40.2	79 38.1		L
ITZ	Toronto City, ON, DME	43 37.6	79 24.0		L
IUL	Montreal, QC, DME	45 27.9	73 45.8		L
IUY	Rouyn, QC, DME	48 12.7	78 49.1		L
IVL	Edmonton/Villeneuve, AB, DME	53 40.4	113 50.6		L
IVR	Vancouver, BC, DME	49 11.3	123 12.0		L
IWK	Wabush, NL, DME	52 55.1	66 51.6		L
IXC	Cranbrook, BC, DME	49 37.1	115 46.9		L
IXS	Prince George, BC, DME	53 53.8	122 40.3		L
IXT	Terrace, BC, DME	54 27.7	128 35.3		L
IXY	Whitehorse/Erik Nielsen Intl, YT, DME	60 42.3	135 03.7		L
IYC	Calgary, AB, DME	51 06.0	114 01.4		L
IYE	Fort Nelson, BC, DME	58 50.1	122 36.7		L
IYF	Penticton, BC, DME	49 27.2	119 36.2		L
IYQ	Churchill, MB, DME	58 44.9	94 04.9		L
IZT	Port Hardy, BC, DME	50 40.6	127 21.2		L
	J				
JA	Ilulissat, Gnld, DME	69 14.5	51 04.0		
JAN	Jan Mayen, Norway, NDB	70 56.7	8 40.2		
JH	Julianehaab, Gnld, NDB	60 43.5	46 02.0		
JV	Ilulissat, Gnld, NDB	69 14.6	51 04.7		

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	K				
KBV	Bermuda, Bermuda, VOR	32 21.9	64 41.4		
KEF	Keflavik, Iceland, VORTAC	63 59.2	22 36.8		
KF	Keflavik, Iceland, NDB	63 59.1	22 43.9		
KP	Kopasker, Iceland, NDB	66 18.1	16 27.0		
K5	Maple Creek, SK, NDB	49 53.8	109 29.0	12E	
K7	Ste-Anne-des-Monts, QC, NDB	49 07.7	66 33.0	18W	
	L				
LA	Langholt, Iceland, NDB	65 34.6	19 29.3		
LAJ	Lajes, Azores, TACAN	38 42.8	27 06.9		
LM	Lajes, Azores, VOR	38 47.0	27 06.3		
LT	Alert, NU, NDB	82 31.6	62 12.7	56W	
LW	Kelowna, BC, NDB	50 03.7	119 25.0	15E	
L4	Nipawin, SK, NDB	53 20.1	104 00.5	9E	
	M				
MA	Malarrif, Iceland, NDB	64 43.7	23 48.5		
MA	Mayo, YT, NDB	63 37.7	135 53.7	20E	
MAR	Marmorilik, Gnld, NDB	71 07.7	51 13.3		
MB	Mill Bay (Victoria Intl), BC, NDB	48 40.3	123 32.2	16E	
MGL	Sao Miguel, Azores, NDB	37 44.0	25 35.0		
MLP	Mullan Pass, ID, VOR/DME	47 27.4	115 38.7	20E	
MQ	Miquelon, France, NDB	47 05.8	56 23.2	21W	
MSS	Massena, NY (Cornwall Regional, ON), VORTAC	44 54.9	74 43.4	14W	
MT	Chiboo (Chapais), QC, NDB	49 48.0	74 29.7	17W	
M3	Kindersley, SK, NDB	51 31.0	109 10.7	12E	
M4	Gimli, MB, NDB	50 38.5	97 02.9	4E	
	N				
NA	Narsarsuaq, Gnld, NDB	61 10.3	45 24.7		
NB	Botn, Iceland, NDB	65 19.7	18 17.7		
NF	Nordfjordur, Iceland, NDB	65 08.0	13 44.6		
NI	Assiniboia, SK, NDB	49 43.7	105 57.0	9E	
NN	Nanortalik, Gnld, NDB	60 08.7	45 15.3		
NQ	Narsarsuaq, Gnld, DME	61 09.7	45 24.6		
NS	Narsaq, Gnld, NDB	60 53.9	46 00.8		
NS	Nes (Reykjavik), Iceland, NDB	64 08.1	21 57.8		
NWU	Bermuda NAS (Kindley), Bermuda, NDB	32 15.8	64 52.1		
	O				
OG	Ogur, Iceland, NDB	66 02.6	22 41.3		
OK	Keflavik, Iceland, NDB	64 03.0	22 36.3		
OLM	Olympia, WA, VORTAC	46 58.3	122 54.1	19E	
OZN	Prins Christian Sund, Gnld, NDB	60 03.5	43 09.8		
	P				
PA	Patreksfjordur, Iceland, NDB	65 33.5	23 58.3		
PAE	Paine (Snohomish Co (Paine Fld)), WA, VOR/DME	47 55.2	122 16.7	20E	
PG	Portage (Southport), MB, NDB	49 50.5	98 10.8	4E	
PR	Prince Rupert, BC, NDB	54 15.8	130 25.4	19E	
	Q				
QT	Thunder Bay, ON, NDB	48 20.8	89 26.0	3W	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	R				
RB	Resolute Bay, NU, NDB	74 44.8	94 59.7	27W	
RE	Reykjanesskoli, Iceland, NDB	65 55.6	22 25.9		
RF	Rif, Iceland, NDB	64 54.7	23 49.4		
RG	Raufarhofn, Iceland, NDB	66 27.2	15 57.2		
RH	Reykholt, Iceland, NDB	64 39.9	21 17.6		
RJ	Roberval, QC, NDB	48 32.7	72 17.7	16W	
RK	Reykjavik, Iceland, NDB	64 09.1	22 01.8		
RN	Reykjanes, Iceland, NDB	63 48.9	22 42.9		
RT	Rankin Inlet, NU, NDB	62 49.5	92 06.6		
	S				
SA	Skagi, Iceland, NDB	64 18.4	21 58.3		
SC	Scoresbysund, Gnld, NDB	70 29.2	21 57.6		
SD	Slettuhlid, Iceland, NDB	66 04.0	19 20.1		
SEA	Seattle, WA, VORTAC	47 26.1	122 18.6	22E	
SF	Sondre Stromfjord, Gnld, NDB	66 58.1	50 56.7		
SM	Skagata, Iceland, NDB	66 07.2	20 06.2		
SMA	Santa Maria, Azores, NDB	36 59.8	25 10.6		
SP	St-Pierre, France, DME	46 46.0	56 10.2		
SP	St-Pierre, France, NDB	46 45.8	56 10.2	19W	
SS	Fjord (Sondrestrom), Gnld, TACAN	67 01.0	50 42.7		
SSM	Sault Ste. Marie, MI, VOR/DME	46 24.7	84 18.9	4W	
STA	Santa Maria, Azores, NDB	36 56.9	25 10.0		
SU	Stykkisholmur, Iceland, NDB	65 03.6	22 45.3		
SX	Skookum (Cranbrook), BC, NDB	49 57.3	115 47.5	17E	
	T				
TH	Thorshofn, Iceland, NDB	66 15.1	15 16.1		
THT	Thule, Gnld, VORTAC	76 32.5	68 14.5		
TOU	Tatoosh, WA, VORTAC	48 18.0	124 37.6	22E	
TRM	Lajes, Azores, TACAN	38 45.6	27 05.5		
	U				
UAW	Shearwater, NS, TACAN	44 38.0	63 30.0	19W	
UDE	Delta, MB, NDB	50 10.0	98 18.4	4E	
ULT	Alert, NU, TACAN	82 31.0	62 18.7	(True)	
UOD	Cold Lake, AB, TACAN	54 24.5	110 17.8	13E	
UP	Upernavik, Gnld, NDB	72 47.6	56 09.2		
UQQ	Comox, BC, TACAN	49 42.7	124 53.7	15E	
UTR	Trenton, ON, TACAN	44 07.3	77 31.7	12W	
UX	Hall Beach, NU, NDB	68 46.0	81 15.4		
UYR	Goose, NL, TACAN	53 19.2	60 25.0	21W	
UZX	Greenwood, NS, TACAN	44 59.0	64 55.2	17W	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	V				
VBI	Sioux Narrows (Kenora), ON, DME	49 28.6	94 02.8	0	U
VE	Vellir, Iceland, NDB	65 10.8	14 32.8		
VLN	Lumsden, SK, VORTAC	50 40.0	104 53.4	10E	
VLR	Langruth, MB, DME	50 25.3	98 43.4	5E	U
VLV	Beauce (St-Georges), QC, DME	45 55.5	70 50.8	15W	U
VM	Vestmannaeyjar, Iceland, NDB	63 24.0	20 17.3		
VP	Vopnafjordur, Iceland, NDB	65 43.0	14 51.2		
VQ	Norman Wells, NT, NDB	65 15.2	126 40.2	20E	
VSM	Santa Maria, Azores, VOR	36 57.7	25 10.0		
V2	Humboldt, SK, NDB	52 10.5	105 07.5	10E	
	W				
W7	Pabok (Du Rocher-Percé), QC, NDB	48 22.9	64 33.8	18W	
	X				
XBG	Bagotville, QC, TACAN	48 19.8	70 59.7	18W	
XC	Cranbrook, BC, NDB	49 41.0	115 47.0	17E	
XH	Medicine Hat, AB, NDB	50 00.8	110 48.0	12E	
XT	Terrace, BC, NDB	54 22.5	128 35.1	19E	
X2	Athabasca, AB, NDB	54 44.2	113 12.1	15E	
X5	Vegreville, AB, NDB	53 30.8	112 01.8	14E	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Y				
YAI	Abbotsford, BC, DME	49 01.1	122 22.6		U
YAS	Kangirsuk, QC, NDB	60 01.5	70 00.3	23W	
YAY	St. Anthony, NL, VOR/DME	51 23.6	56 05.0	21W	U
YBC	Baie-Comeau, QC, VOR/DME	49 08.0	68 13.3	18W	U
YBG	Bagotville, QC, NDB	48 20.0	71 08.8	18W	
YBK	Baker Lake, NU, VOR/DME	64 19.3	96 06.3	(True)	U
YBL	Campbell River, BC, NDB	50 00.4	125 21.5	18E	
YBR	Brandon, MB, VOR/DME	49 54.6	99 56.7	5E	U
YCB	Cambridge Bay, NU, VOR/DME	69 07.1	105 10.4	(True)	U
YCD	Nanaimo, BC, NDB	49 07.7	123 52.3	16E	
YCF	Campbellford, ON, DME	44 20.0	77 42.3		U
YCO	Coppermine (Kugluktuk), NU, NDB	67 49.3	115 05.9		
YCY	Clyde River, NU, NDB	70 29.1	68 31.6		
YDC	Princeton, BC, VOR/DME	49 22.9	120 22.4	16E	U
YDF	Deer Lake, NL, VOR/DME	49 14.0	57 12.8	18W	U
YDL	Dease Lake, BC, NDB	58 27.2	129 59.8	21E	
YDN	Dauphin, MB, DME	51 06.3	100 03.1		U
YDP	Nain, NL, NDB	56 32.0	61 41.5	24W	
YDR	Broadview, SK, DME	50 21.8	102 32.4		U
YEA	Empress, AB, DME	50 55.6	109 59.4		U
YEE	Midland, ON, DME	44 34.9	79 47.6		U
YEG	Edmonton, AB, DME	53 11.1	113 52.0		U
YEK	Arviat, NU, NDB	61 05.9	94 04.1		
YER	Fort Severn, ON, NDB	55 59.6	87 38.3	8W	
YEU	Eureka, NU, NDB	79 59.5	85 53.9	61W	
YEV	Inuvik, NT, VOR/DME	68 18.5	133 32.9	20E	U
YEX	Edmonton, AB, DME	53 18.2	113 35.6		U
YFB	Frobay (Iqaluit), NU, VOR	63 44.5	68 28.4	28W	
YFF	Fort McMurray, AB, DME	56 39.2	111 20.1		U
YFS	Fort Simpson, NT, VOR/DME	61 46.4	121 17.9	20E	U
YFY	Frobay (Iqaluit), NU, NDB	63 44.0	68 32.9	27W	
YGH	Fort Good Hope, NT, DME	66 14.2	128 37.4		U
YGI	Grande Prairie, AB, DME	55 10.5	118 52.9		U
YGL	La Grande Riviere, QC, VOR/DME	53 37.5	77 43.0	16W	U
YGP	Gaspe, QC, VOR/DME	48 45.8	64 24.3	19W	U
YGQ	Geraldton, ON, VOR/DME	49 46.2	86 59.1	5W	U
YGR	Grindstone (Îles-de-la-Madeleine), QC, DME	47 25.8	61 46.4		U
YGU	Gillam, MB, DME	56 21.4	94 42.2		U
YGX	Gillam, MB, NDB	56 21.2	94 42.0	1E	
YHY	Hay River, NT, VOR/DME	60 50.2	115 48.2	17E	U
YHZ	Halifax, NS, VOR/DME	44 55.4	63 24.1	18W	U
YIK	Ivujivik, QC, NDB	62 24.8	77 55.5	21W	
YIL	Island Lake, MB, DME	53 51.2	94 39.2		U
YIO	Pond Inlet, NU, NDB	72 41.6	77 57.1		
YIV	Island Lake, MB, NDB	53 51.2	94 39.2	1E	
YJH	Saint John, NB, DME	45 18.2	65 53.5		U
YJI	Broughton (Qikiqtarjuaq), NU, NDB	67 33.7	64 01.1		
YJQ	Bella Bella, BC, NDB	52 11.1	128 06.8	19E	
YKJ	Key Lake, SK, DME	57 10.0	105 50.5		U
YKQ	Waskaganish, QC, NDB	51 29.2	78 44.7	14W	
YLL	Lloydminster, AB, NDB	53 18.8	110 05.0	12E	
YLO	Sioux Lookout, ON, DME	50 07.1	91 53.9		U
YLZ	Pickle Lake, ON, DME	51 26.6	90 13.4		U

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Y (Cont'd)				
YMH	Mary's Harbour, NL, NDB	52 18.9	55 49.9	21W	
YMJ	Moose Jaw, SK, VORTAC	50 19.9	105 33.8	10E	
YMM	Fort McMurray, AB, VOR/DME	56 38.9	111 07.3	14E	U
YMO	Moosonee, ON, VOR/DME	51 17.5	80 36.4	13W	U
YMT	Chiboo (Chapais), QC, DME	49 48.0	74 29.7		U
YMZ	Moncton, NB, DME	46 06.5	64 41.5		U
YNA	Natash, QC, VOR/DME	50 11.0	61 46.9	18W	U
YNQ	Norway House, MB, DME	53 58.3	97 50.5		U
YNY	Enderby, BC, DME	50 39.0	118 55.6	16E	U
YOC	Old Crow, YT, NDB	67 34.3	139 50.7	20E	
YOD	Cold Lake, AB, NDB	54 23.8	110 16.3	13E	
YOJ	High Level, AB, VOR/DME	58 33.3	117 05.6	17E	U
YOW	Ottawa, ON, DME	45 26.5	75 53.8		U
YPA	Prince Albert, SK, VOR/DME	53 13.0	105 40.0	10E	U
YPC	Paulatuk, NT, NDB	69 21.1	124 04.5		
YPE	Peace River, AB, VOR/DME	56 12.4	117 30.7	17E	U
YPG	Portage (Southport), MB, VOR/DME	49 54.0	98 16.0	4E	
YPK	Pitt Meadows, BC, VOR	49 13.0	122 42.9	17E	
YPL	Pickle Lake, ON, NDB	51 26.5	90 13.3	3W	
YPO	Peawanuck, ON, NDB	54 59.5	85 26.5	10W	
YPQ	Peterborough, ON, NDB	44 12.7	78 27.8	12W	
YPX	Puvirnituq, QC, NDB & DME	60 03.5	77 17.8	20W	U
YQB	Quebec, QC, VORTAC	46 42.3	71 37.6	16W	
YQD	The Pas, MB, DME	53 58.4	101 06.0		U
YQF	Red Deer, AB, NDB	52 07.7	113 54.0	14E	
YQH	Watson Lake, YT, VOR/DME	60 05.2	128 51.5	18E	U
YQI	Yarmouth, NS, DME	43 49.5	66 04.9		U
YQL	Lethbridge, AB, VOR/DME	49 38.1	112 40.1	11E	U
YQO	Quebec, QC, DME	46 47.8	71 23.6		U
YQT	Thunder Bay, ON, VOR/DME	48 15.2	89 26.2	4W	U
YQU	Grande Prairie, AB, VOR/DME	55 10.5	119 01.8	17E	U
YQV	Yorkton, SK, DME	51 15.9	102 28.1	7E	U
YQX	Gander, NL, VOR/DME	48 54.0	54 32.1	20W	U
YQY	Sydney, NS, DME	46 09.2	60 03.4		U
YR	Goose, NL, NDB	53 20.3	60 22.0	21W	
YRB	Resolute Bay, NU, VOR/DME	74 43.7	94 55.4	(True)	U
YRL	Red Lake, ON, VOR/DME	51 04.3	93 45.7	0	U
YRM	Rocky Mtn. House, AB, VOR/DME	52 30.1	115 19.4	16E	U
YRQ	Trois-Rivieres, QC, NDB	46 22.2	72 39.9	16W	
YRT	Rankin Inlet, NU, VOR/DME	62 48.8	92 07.0	(True)	U
YRX	Regina, SK, DME	50 26.2	104 40.2		U
YSB	Sudbury, ON, DME	46 37.8	80 47.9		U
YSF	Stony Rapids, SK, NDB	59 15.3	105 49.9	11E	
YSM	Fort Smith, NT, VOR/DME	60 01.2	111 58.2	15E	U
YSP	Marathon, ON, DME	48 44.6	86 19.7		U
YSR	Saskatoon, SK, DME	52 10.8	106 42.8		U
YSY	Sachs Harbour (David Nasogaluak Jr. Saaryuaq), NT, NDB	71 59.5	125 18.9		
YTA	Pembroke, ON, NDB	45 48.2	77 13.1	13W	
YTE	Cape Dorset, NU, NDB	64 13.7	76 31.7		
YTH	Thompson, MB, VOR/DME	55 48.7	97 49.5	3E	U
YTL	Big Trout Lake, ON, NDB	53 48.9	89 54.8	4W	
YTP	Pearson (Toronto/LBP Intl), ON, VOR/DME	43 40.3	79 39.8	10W	L
YTR	Trenton, ON, NDB	44 11.6	77 24.2	12W	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Y (Cont'd)				
YTS	Timmins, ON, VOR/DME	48 34.3	81 22.2	10W	U
YTV	Thunder Bay, ON, DME	48 22.2	89 19.8		U
YUC	Saguenay, QC, DME	48 01.0	71 16.2		U
YUL	Montreal, QC, VOR/DME	45 36.9	73 58.3	16W	U
YUX	Hall Beach, NU, VOR/DME	68 46.7	81 14.4	(True)	U
YUY	Rouyn, QC, NDB	48 10.4	78 56.3	13W	
YVC	La Ronge, SK, VOR/DME	55 09.5	105 16.0	10E	U
YVO	Val-d'Or, QC, VOR/DME	48 10.5	77 49.2	14W	U
YVP	Kujack (Kuujjuaq), QC, VOR/DME	58 05.8	68 25.6	23W	U
YVQ	Norman Wells, NT, VOR/DME	65 15.9	126 43.4	19E	U
YVR	Vancouver, BC, VOR/DME	49 04.6	123 08.9	17E	U
YVV	Wiarton, ON, VOR/DME	44 44.7	81 06.3	8W	U
YWA	Petawawa, ON, NDB	45 53.7	77 16.3	13W	
YWB	Westbank (Kelowna), BC, NDB	49 48.6	119 37.8	15E	
YWI	Winnipeg, MB, DME	49 53.9	97 14.6	3E	U
YWG	Winnipeg, MB, VORTAC	49 55.7	97 14.4	3E	
YWK	Wabush, NL, VOR/DME	52 57.6	66 51.2	19W	U
YWL	Williams Lake, BC, VOR/DME	52 14.2	122 10.1	18E	U
YWT	Waterloo, ON, DME	43 27.5	80 22.8		U
YWY	Wrigley, NT, DME	63 11.1	123 21.8		U
YXC	Cranbrook, BC, VOR/DME	49 33.3	116 05.3	16E	U
YXI	Killaloe, ON, DME	45 39.8	77 36.2		U
YXJ	Fort St. John, BC, VOR/DME	56 17.1	120 53.7	18E	U
YXL	Sioux Lookout, ON, NDB	50 07.1	91 53.9	1W	
YXP	Pangnirtung, NU, NDB	66 08.6	65 42.4		
YXS	Prince George, BC, VOR/DME	53 53.7	122 27.3	18E	U
YXU	London, ON, VOR/DME	43 02.3	81 08.9	8W	U
YXY	Whitehorse, YT, VOR/DME	60 37.1	135 08.3	18E	U
YXZ	Wawa, ON, DME	47 57.0	84 49.4		U
YYB	North Bay, ON, DME	46 21.8	79 26.2		U
YYC	Calgary, AB, VOR/DME	51 06.9	113 52.9	15E	U
YYD	Houston, BC, VOR/DME	54 27.1	126 39.1	17E	U
YYE	Fort Nelson, BC, VOR/DME	58 53.5	123 01.0	19E	U
YYG	Charlottetown, PE, DME	46 17.9	63 07.2		U
YYH	Taloyoak, NU, NDB	69 32.5	93 31.5		
YYJ	Victoria, BC, VOR/DME	48 43.6	123 29.1	17E	U
YYL	Lynn Lake, MB, VOR/DME	56 51.8	101 04.5	7E	U
YYN	Swift Current, SK, VOR/DME	50 17.8	107 41.5	12E	U
YYQ	Churchill, MB, VOR/DME	58 44.5	94 08.1	3W	U
YYR	Goose, NL, VOR/DME	53 19.2	60 17.7	21W	U
YYT	Torbay (St. John's Intl), NL, VOR/DME	47 29.1	52 51.1	17W	U
YYY	Mont-Joli, QC, DME	48 36.7	68 12.5		U
YYZ	Toronto, ON, VOR/DME	43 39.5	79 37.9	10W	U
YZF	Yellowknife, NT, VOR/DME	62 27.9	114 26.2	17E	U
YZP	Sandspit, BC, VOR/DME	53 15.1	131 48.4	19E	U
YZS	Coral Harbour, NU, NDB	64 08.9	83 18.3		
YZT	Port Hardy, BC, VOR/DME	50 41.1	127 22.0	16E	U
YZU	Whitecourt, AB, VOR/DME	54 08.7	115 47.8	13E	U
YZV	Sept-Iles, QC, DME	50 13.9	66 16.4		U
YZX	Greenwood, NS, NDB	44 55.4	65 06.1	17W	
Y8	Drummondville, QC, NDB	45 50.8	72 23.9	15W	

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR	NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Z				
ZF	Yellowknife, NT, NDB	62 24.7	114 26.1	16E	
ZHA	Ancaster (Hamilton), ON, NDB	43 11.8	80 01.7	10W	
ZHM	Binbrook (Hamilton), ON, NDB	43 08.7	79 47.6	10W	
ZKI	Kitimat, BC, NDB	54 03.2	128 40.2	19E	
ZS	Coral Harbour, NU, DME	64 09.0	83 18.2	23W	U
ZSJ	Sandy Lake, ON, NDB	53 04.1	93 20.7	0	
ZZR	Severn (Trenton), ON, NDB	44 03.2	77 37.6	12W	
Z7	Claresholm Industrial, AB, NDB	50 00.2	113 38.2	13E	

NUMBER-LETTER INDICATOR

INDICATOR	NAME	(N)LAT		(W)LONG		VAR
1D	Charlottetown, NL, NDB	52	46.5	56	07.6	22W
1E	Black Tickle, NL, NDB	53	28.0	55	47.3	22W
1L	Firebag, AB, NDB	57	16.8	110	58.3	14E
2B	Springdale, NL, NDB	49	29.4	56	11.1	20W
2H	Lebel-sur-Quevillon, QC, NDB	49	02.2	77	01.2	14W
2K	Camrose, AB, NDB	53	01.9	112	48.8	15E
3H	Consort, AB, NDB	52	01.4	110	44.7	13E
3R	Postville, NL, NDB	54	54.4	59	47.7	23W
4J	Knee Lake, MB, NDB	54	53.0	94	48.0	0
4O	Swan Hills, AB, NDB	54	40.5	115	25.5	16E
5F	Fox Creek, AB, NDB & DME	54	22.8	116	45.6	17E
5J	Coronation, AB, NDB	52	04.5	111	26.9	14E
5W	Leaf Rapids, MB, NDB	56	30.7	99	59.0	5E
6F	Port Hope Simpson, NL, NDB	52	31.2	56	17.8	21W
6G	Red Deer, AB, DME	52	10.9	113	53.0	
6K	Vernon, BC, NDB	50	21.0	119	15.6	16E
6T	Foremost, AB, NDB	49	29.1	111	29.2	13E
7C	Fogo, NL, NDB	49	39.7	54	14.7	20W
7H	Marystown (Winterland), NL, NDB	47	08.2	55	19.5	19W
8K	Valleyview, AB, NDB	55	02.1	117	17.3	17E
8M	Elk Point, AB, NDB	53	53.4	110	46.1	14E
9A	Hanna, AB, NDB	51	37.7	111	54.1	13E
9G	Sundre, AB, NDB	51	46.8	114	41.0	14E
9X	Brooks, AB, NDB	50	37.9	111	55.3	14E
9Y	Pincher Creek, AB, NDB	49	31.4	113	59.9	14E

DND CANADA WIDE NDB AND TACAN INDICATORS

DND/DFSM (Department of Frequency Spectrum Management) has been assigned by Transport Canada 10 NDB indicators and 4 TACAN indicators that can be used Canada Wide by tactical/transportable terminals. Use of these indicators can only be authorized by DFSM, 613-992-8744. They are as follows:

Canada Wide NDB Indicators	–	UAA, UFF, UGG, UJJ, UKK, UNN, USS, UTT, UWW and UZZ.
Canada Wide TACAN Indicators	–	8V to UBB 8W to UCC 9J to UDD 9L to UHH

NORTH ATLANTIC METEOROLOGICAL INFORMATION (HF) (VOLMET)

GANDER

3485	H+20-25	TAF	Montreal/Pierre Elliott Trudeau, Toronto, Ottawa.
6604		METAR	Gander, Montreal/Pierre Elliott Trudeau, Toronto,
10051			Ottawa, Goose.
13270	H+25-30	TAF	SIGMET (**1**), Winnipeg, Edmonton, Calgary, Churchill.
		METAR	Kuujjuaq, Winnipeg, Churchill.
	H+50-55	TAF	Gander, St. John's, Halifax.
		METAR	Gander, St. John's, Halifax, Stephenville Montreal(Mirabel).
	H+55-60	TAF	SIGMET (**1**), Goose, Iqaluit, Sondrestrom.
		METAR	Goose, Iqaluit, Sondrestrom, Kuujjuaq.

NOTE (1) Includes SIGMET or notification of SIGMET affecting flights operating above FL 100 in the Gander Oceanic and the Gander Domestic, Moncton, Montreal and Toronto FIR.

NEW YORK

3485	H+00	FORECASTS	Detroit, Chicago, Cleveland.
6604		ACTUALS	Detroit, Chicago, Cleveland, Niagara Falls, Milwaukee,
10051			Indianapolis.
13270			
	H+05	FORECASTS	Bangor, Charlotte, Pittsburgh.
		ACTUALS	Bangor, Pittsburgh, Windsor Locks, St. Louis, Charlotte, Minneapolis.
	H+10	FORECASTS	New York, Newark, Boston.
		ACTUALS	New York, Newark, Boston, Baltimore, Philadelphia, Washington.
	H+15	FORECASTS	Bermuda NAS, Miami, Atlanta.
		ACTUALS	Bermuda NAS, Miami, Nassau, Freeport, Tampa, West Palm Beach, Atlanta.
	H+30	FORECASTS	Niagara Falls, Milwaukee, Indianapolis.
		ACTUALS	Detroit, Chicago, Cleveland, Niagara Falls, Milwaukee, Indianapolis.
	H+35	FORECASTS	Windsor Locks, St. Louis.
		ACTUALS	Bangor, Pittsburgh, Windsor Locks, St. Louis, Charlotte, Minneapolis.
	H+40	FORECASTS	Baltimore, Philadelphia, Washington.
		ACTUALS	New York, Newark, Boston, Baltimore, Philadelphia, Washington.
	H+45	FORECASTS	Nassau, Freeport.
		ACTUALS	Bermuda NAS, Miami, Nassau, Freeport, Tampa, West Palm Beach, Atlanta.

NORTH ATLANTIC METEOROLOGICAL INFORMATION (HF) (VOLMET) (Cont'd)

SHANNON

3413	H+00	FORECASTS	Brussels Ntl, Hamburg.
(Night)		ACTUALS	Brussels Ntl, Hamburg, Frankfurt (Main), Cologne/Bonn,
8957			Dusseldorf, Munich.
5505			
13264	H+05	FORECASTS	Shannon, Prestwick, London/Heathrow.
		ACTUALS	Shannon, Amsterdam/Schiphol, Manchester,
			London/Gatwick.
	H+10	ACTUALS	Copenhagen/Kastrup, Stockholm/Arlanda,
			Goteborg/Landvetter, Bergen/Flesland, Oslo/Gardemoen,
			Helsinki/Vantaa, Dublin, Barcelona.
	H+15	FORECASTS	Madrid/Barajas, Lisbon, Paris/Orly.
		ACTUALS	Madrid/Barajas, Lisbon, Santa Maria, Paris/Orly,
			Paris/Charles de Gaulle, Lyon/Satolas.
	H+20	FORECASTS	Rome/Fiumicino, Milan/Malpensa.
		ACTUALS	Rome/Fiumicino, Milan/Malpensa, Zurich,
			Geneva/Cointrin, Turin/Caselle, Keflavik.
	H+30	FORECASTS	Frankfurt (Main), Cologne/Bonn.
		ACTUALS	Brussels Ntl, Hamburg, Frankfurt (Main), Cologne/Bonn,
			Dusseldorf, Munich.
	H+35	FORECASTS	Amsterdam/Schiphol, Manchester, London/Gatwick.
		ACTUALS	Shannon, Prestwick, London/Heathrow,
			Amsterdam/Schiphol, Manchester, London/Gatwick.
	H+40	ACTUALS	Copenhagen/Kastrup, Stockholm/Arlanda,
			Goteborg/Landvetter, Bergen/Flesland, Oslo/Gardemoen,
			Helsinki/Vantaa, Dublin, Barcelona.
	H+45	FORECASTS	Santa Maria, Athens, Paris/Charles de Gaulle.
		ACTUALS	Madrid/Barajas, Lisbon, Santa Maria, Paris/Orly,
			Paris/Charles de Gaulle, Lyon/Satolas.
	H+50	FORECASTS	Zurich, Geneva/Cointrin.
		ACTUALS	Rome/Fiumicino, Milan/Malpensa, Zurich,
			Geneva/Cointrin, Turin/Caselle, Keflavik.

NORTH ATLANTIC METEOROLOGICAL INFORMATION (VHF) (VOLMET)

KEFLAVIK

FORECASTER

120.3	344.6	Cont	Direct communication between pilot and forecaster.

AERONAUTICAL RADIO INCORPORATED (ARINC)

Aeronautical Radio Incorporated provides communications for air traffic services of the United States using common air/ground frequencies. These frequencies are listed below by the areas in which they are used. These frequencies are for use during emergency situations and when communications with control centres or military air/ground stations on military air/ground frequencies cannot be maintained. Users are advised that a charge may be levied for services provided other than air traffic services.

NORTH ATLANTIC

New York Radio -	129.9,	(NAT-A)	21964	17946	13306	8906	5598	3016
		(NAT-E)	17952	13354	11309	8825	6628	2962

CARIBBEAN

New York Radio -	130.7,	(CAR-A)	13297	11396	8846	6577	5550	2887
		(CAR-B)	17907	11330	8918	6586	5520	3455

CENTRAL EAST PACIFIC

San Francisco Radio - 129.4,
(CEP-1/2) 21964 13354 13288 11282 10057 8843 6673 5574 5547 3452 3413 2869

POLAR ROUTES

A/G: For aircraft using the Polar Routes, ARINC has a remote LDOCF voice site at Barrow, Alaska, controlled from ARINC SFO Communications Centre. Although primarily for company type communications, ATC communications can be passed to and from Anchorage Centre under unusual or emergency situations. Site is available for Phone Patches and Radio Operator delivered message traffic. Barrow LDOCF frequencies are: 3494 6640 11342 13348 17925 21964.

SATCOM VOICE AVAILABLE AS ALTERNATIVE COMMUNICATIONS MEDIUM

Aircraft desiring to contact an ARINC Communications Centre should use the following numbers to call the appropriate ARINC Centre:

Oceanic Area	Centre	IMARSAT Number	Public Phone Number
Pacific	SFO	436625	925-371-3920
Atlantic	NYC	436623	631-244-2492

ARINC will also utilize SATCOM Voice as a normal operational backup to HF to initiate communications from ground-to-air on the rare occasion when HF communications cannot be established in a timely manner. SATCOM Voice may be used for either ATC or AOC (Aeronautical Operation Control) Communications. This capability will be on a "search, find and contact" basis initially, which may require some delay in contacting flights. Aircraft operators with aircraft currently cockpit SATCOM Voice equipped should contact ARINC at 1-410-266-4430 to provide, update or verify aircraft AES ID codes which are required to initiate ground-to-air calls.

NOTE: Only SSB avbl on HF freqs

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MILITARY FLIGHT DATA AND PROCEDURES

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GENERAL INFORMATION

The information contained in this section is pertinent to military operations in Canada and the North Atlantic. Appropriate information on Flight Data and Procedures in the United States is also included. The current amendment lists for FLIP Documents directly related to the Military contents associated with the GPH 205 & GPH 205(S) are as follows:

	Amendment List No.	Date	Issue	Effective Date
GPH 200	—	—	—	16 May 2024
206	—	—	—	16 May 2024
207	—	—	—	16 May 2024
204A	—	—	133	21 Mar 2024
209	CH5	—	—	01 Jan 2009
RCAF FOM	—	—	—	—
NDHQ Flying Orders Book 1	CH8	8 Oct 2009	—	25 May 2001
NDHQ Flying Orders Book 2	CH4	10 Mar 2009	—	25 May 2001
Manual of Instrument Flying	CH4	30 Sep 2004	—	31 Mar 2001
SIR Agreement	—	—	—	Apr 2008

FLIGHT PROCEDURES

PROCEDURES FOR THE PREVENTION OF DANGEROUS MILITARY ACTIVITIES BETWEEN CANADA AND THE CIS

SECTION 1

Communication Channels:

For the purpose of implementing this Agreement, the armed forces of the Parties shall provide for establishing and maintaining, as necessary, communications at the following levels:

(a) The Task Force Commander of the armed forces of one Party present in a Special Caution Area and the Task Force Commander of the armed forces of the other Party in the same Area;

(b) Commander* of a ship, aircraft, ground vehicle or ground unit of the armed forces of one Party and the Commander* of a ship, aircraft, ground vehicle or ground unit of the armed forces of the other Party; and

(c) Commander* of an aircraft of the armed forces of one Party and an air traffic control or monitoring facility of the other Party.

* "Commander" means the individual with authority to command or lead a ship, aircraft, ground vehicle or ground unit.

SECTION 2

Radio Frequencies:

1. To establish radio communication, as necessary, the following frequencies shall be used:
   (a) between aircraft of the Parties or between an aircraft of one Party and an air traffic control or monitoring facility of the other Party: on VHF band frequency 121.5 MHz or 243.0 MHz, or on HF band frequency 4125.0 KHz (alternate 6215.0 KHz); after initial contact is made, the working frequency 130.0 MHz, or 4125.0 KHz should be used;
   (b) between ships of the Parties and ship-to-shore: on VHF band frequency 156.8 MHz, or on HF band frequency 2182.0 KHz;
   (c) between a ship of one Party and an aircraft of the other Party: on VHF band frequency 121.5 MHz or 243.0 MHz; after initial contact is made, the working frequency 130.0 MHz or 278.0 MHz shall be used; and
   (d) between ground vehicles or ground units of the armed forces of the Parties: on VHF band frequency 44.0 MHz (alternate 46.5 MHz), or on HF band frequency 4125.0 KHz (alternate 6215.0 KHz).
2. The Parties agree to conduct necessary testing to ensure reliability of the communications channels agreed by the Parties.

SECTION 3

Signals and Phrases:

1. The Parties recognize that the lack of radio communication can increase the danger to the personnel and equipment of their armed forces involved in any incident which may arise as a result of dangerous military activities. Personnel of the armed forces of the Parties involved in such incidents who are unable to establish radio communication, or who establish radio communication but cannot be understood, shall try to communicate using those signals referred to in this Section. In addition, such personnel shall attempt to establish communications with other personnel of their armed forces, who in turn shall take measures to resolve the incident through communications channels set forth in this Agreement.

2. Ship-to-ship and ship-to-shore communications shall be conducted using signals and phrases as set forth in the International Code of Signals of 1965 and the Special Signals developed in accordance with the Agreement between the Government of the United States of America and the Government of the Commonwealth of Independent States on the Prevention of Incidents On and Over the High Seas of 1972. Aircraft-to-aircraft communications shall be conducted using signals and phrases for intercepting and intercepted aircraft contained in the Rules of the Air, Annex 2 to the 1944 Convention on International Civil Aviation (Chicago Convention). The additional signals and phrases contained in paragraph 4 of this Section may also be used.

3. Whenever aircraft of the Parties come into visual contact with each other, their aircrews shall monitor the frequency 121.5 MHz or 243.0 MHz. If it is necessary to exchange information, but communications in a common language are not possible, attempts shall be made to convey essential information and acknowledgment of instructions by using phrases referred to in paragraphs 2 and 4 of this Section. If radio communication is not possible, then visual signals shall be used.
4. The following summary plus table contains frequencies signals and phrases for communications between aircraft, ships, ground vehicles or ground units, in accordance with this Agreement:

FREQUENCIES FOR USE WITH RUSSIAN MILITARY AIRCRAFT (RMA)

	Initial Contact		
	Primary	**Alternate**	**Sustained Communication**
VHF	121.5 MHz	None	130.0 MHz
UHF	243.0 MHz	None	278.0 MHz
HF	4125.0 KHz	6215.0 KHz	4125.0 KHz

Always monitor GUARD. Attempt contact on the primary frequency, if no response, attempt the alternate frequency (if available), interceptors use appropriate visual signal. If sustained communication is desired, the calling party uses the additional phrase "RADIO CONTACT". After the other party responds with "RADIO CONTACT", both parties switch to the appropriate sustained frequency

.

TABLE OF CALL SIGNS FOR USE WITH RUSSIAN FORCES

Type Platform	**Russian C.S. (Phonetic)**	**United States C.S.**	**Canadian C.S.**
Aircraft	SEDLO (Sed-low')	IVORY EAGLE	HORSE
ATC or Monitor	ZEMLYA (Zem-le-yaw')	ELECTRIC LIGHT	CLOUD
Ship	BUGEL (Boo'-gel)	PORT MAST	BEAVER
Ground Unit	POLYA (Po-le-yaw')	POST POUNDER	SWORD

MUTUALLY AGREED PHRASES

CLOSE TO TERRITORY	(within 27NM/50KM of sovereign airspace)
TERRITORY ENTERED	(in sovereign airspace)
STOP INTERFERENCE	(stop dangerous command net radio interference)
STOP LASER	(stop dangerous use of laser)
LASER DANGER	(planned use of laser may create danger in this area)
REQUEST LANDING	(self explanatory)
RADIO CONTACT	(desire radio contact on sustained communication frequency)
WILCO	(understood will comply)
CANNOT	(understood/unable to comply)
REPEAT	(say again)
AM LOST	(position unknown)
MAYDAY	(international distress call)
DESCEND	(self explanatory)

PROCEDURES TO INITIATE CONTACT WITH / WARN RUSSIANS

1. Transmit his call sign three times
2. Followed by "DELTA ECHO" (meaning from)
3. Followed by your call sign (IVORY EAGLE or ELECTRIC LIGHT)
4. Followed by appropriate agreed phrase. For example:
   SEDLO, SEDLO, SEDLO, DELTA ECHO, IVORY EAGLE, agreed phrase"
   Expected Response:

   RMA alters course, stops interference, etc.

Radio acknowledgement, if accomplished, should be as below:

1. RMA transmits your call sign three times
2. Followed by "DELTA ECHO"
3. Followed by his call sign (SEDLO)
4. Followed by appropriate agreed phrase, if required:
   "IVORY EAGLE, IVORY EAGLE, IVORY EAGLE, DELTA ECHO, SEDLO"

SUBSEQUENT TRANSMISSIONS use call signs only once:

"IVORY EAGLE, DELTA ECHO, SEDLO, REQUEST LANDING"

ADDITIONAL SIGNALS, PHRASES AND APPROPRIATE RESPONSES

MEANING OF SIGNAL/PHRASE	VISUAL SIGNALS FOR AIRCRAFT	PHRASE	PRONUNCIATION	APPROPRIATE RESPONSE
You are in close proximity to our national territory	**DAY and NIGHT—**The intercepting aircraft flying abeam and parallel to the intercepted aircraft, rocking wings and flashing navigation lights at slow regular intervals, followed by a series of shallow bank "S" turns, in the horizontal plane, approximately 10 degrees either side of line of flight.	"CLOSE TO TERRITORY"	CLOSE-TO TERR-I-TORY	Intercepted aircraft turns away from national territory.
You have entered into our national territory	**DAY and NIGHT—**The intercepting aircraft, flying abeam and parallel to the intercepted aircraft, rapidly flashing navigation lights while rocking wings, followed by a shallow turn executed in the horizontal plane, with a 15-20 degree bank in the direction of the intercepted aircraft. The approach shall be accomplished with great caution and not closer than one wing span. Repeat until intercepted aircraft acknowledges or radio contact is established.	"TERRITORY ENTERED"	TERR-I-TORY EN-TERED	Intercepted aircraft shall follow the appropriate instructions of the intercepting aircraft.
I need to land	**DAY and NIGHT—**The aircraft flashes its navigation lights repeatedly and rapidly while rocking wings, followed by a gentle porpoising of the aircraft.	"REQUEST LANDING"	RE-QUEST LAN-DING	Intercepting aircraft assists intercepted aircraft.
I request radio communications on 130.0 MHz or 278.0 MHz (Initial contact is established on 121.5 MHz or 243.0 MHz)	**DAY and NIGHT—** If 121.5 MHz and 243.0 MHz are inoperative, aircraft continuously alternates one long with one short flash of navigation lights while rocking wings.	"RADIO CONTACT"	RA-DI-O CON-TAC	Acknowledge requesting aircraft, ship, or air traffic control or monitoring facility with phrase "RADIO CONTACT" After contact is made, tune to 130.0 MHz or 278.0 MHz.
My aircraft requests radio contact with your ship on 121.5 MHz or 243.0 MHz	**DAY and NIGHT—** Aircraft circling the ship, in a left hand turn, at a safe distance and altitude until radio contact is established.	"RADIO CONTACT"	RA-DI-O CON-TAC	The aircraft and ship establish radio contact by exchanging the phrase "RADIO CONTACT"; then both shall switch to 130.0 MHz or 278.0 MHz, as appropriate, for further radio communication.
I am experiencing a dangerous level of interference with my command and control network. (Transmit PHRASE on contact frequency)	NONE	"STOP INTERFERENCE"	STOP IN-TER-FER-ENCE	Investigate the circumstances and, as appropriate, terminate any activities which may be causing the dangerous interference.
My planned use of a laser may create danger in this area. (Transmit PHRASE on contact frequency)	NONE	"LASER DANGER"	LAS-ER DAN-GER	Take appropriate measures to prevent harm to personnel or damage to equipment.
I am experiencing a dangerous level of laser radiation. (Transmit PHRASE on contact frequency)	NONE	"STOP LASER"	STOP LA-SER	Investigate the circumstances and, as appropriate, terminate any use of a laser that could harm to personnel or damage to equipment.

MILITARY ADIZ - NORTH ATLANTIC

(a) Military aircraft which will penetrate the ADIZ towards the continental land mass of Greenland and North America shall file an IFR or DVFR flight plan or Defense flight itinerary with an appropriate ATC unit or ADIZ station including the estimated time and place of ADIZ penetration. The pilot-in-command of an aircraft operating on an IFR flight plan and in accordance with an ATC clearance on a flight that will penetrate the ADIZ is not required to include estimated time and place of ADIZ penetration in the filed flight plan or in a routine in-flight position report.

(b) Aircraft departing from a location within the ADIZ shall file an IFR or DVFR flight plan with an ATC unit or ADIZ station prior to take-off.

(c) Aircraft departing from locations within Greenland or within the ADIZ where flight planning facilities are not available shall: contact an ATC unit or ADIZ station as soon as possible, and airfile, including estimated time and place of ADIZ penetration where applicable and Nuuk FIC 121.3 ADIZ 126.2 236.6

NOTE: Aircraft operating laterally within the ADIZ shall conduct as much of the flight as possible south of the centreline.

REPORTING: PX to ADIZ station as soon as possible after take-off.

TOLERANCES: Estimates shall be revised, with ATC or ADIZ station, if the aircraft will not be within 5 minutes or 20 nm.

RADIO EQUIPMENT: IFF/SIF - Military aircraft so equipped shall operate IFF/SIF in accordance with command directions (for US/CAN military aircraft, NORAD IFF/SIF Instr. 1-61 refers) RADAR - Radar assistance is available in emergencies.

VHF/UHF DIRECTION FINDING EQUIPMENT

VHF/UHF Direction Finding (DF) equipment installed at Canadian Forces ATC Units is authorized as a navigational aid for Canadian Forces aircraft operating under VFR or IFR. Service provided includes homing, check steers and bearings and emergency approach procedures.

MILITARY ADIZ - ICELAND

APPLICATION: All US military aircraft

FLIGHT PLANNING: File DVFR or IFR when the flight penetrates or operates within the Iceland Military ADIZ. Pilots departing on DVFR flight plans from joint use airports will append the initial call up to the appropriate civil authority with the phrase "DVFR to (destination)".

NOTE: Airfile will not be submitted for flights penetrating or operating within the Iceland Military ADIZ. However, changes may be initiated en route if the flight has continued IFR or DVFR to the point of change.

REPORTING: Prior to entering or operating in the ADIZ, report time, position and altitude at last reporting point along path and ETA next reporting point, or estimate time, position and altitude of penetration no sooner than 30 nor later than 15 minutes prior to penetration. Make position reports at least once an hour within ADIZ or as required, use established reporting points when practicable.

TOLERANCES:

TIME – Plus or minus 5 minutes.
DISTANCE – 20NM from centreline of proposed route if entering or operating within Military ADIZ.

ALTITUDE DEVIATION – None, unless an amended ATC clearance is obtained, or, if operating where no ATC clearance is required, prior notice is given to an appropriate facility, except that in this case normal descent may be initiated a reasonable distance from the intended destination.

REVISIONS: Transmit corrected information to an appropriate facility immediately it becomes apparent that the flight plan cannot be adhered to.

EMERGENCY PROCEDURES: If deviation from current flight plan becomes necessary, report this as soon as practicable to Military Flight Service and/or the appropriate Icelandic facility. Flight plans will not be submitted or changed in flight to provide initial entry into the ADIZ except in an emergency.

AIR REFUELING ROUTES IN CANADIAN AIRSPACE

The DND/DOT/DoD have established air refueling (AR) tracks and air traffic control procedures for use in Canadian airspace. The ARs are described below. For additional information, contact 1 Canadian Air Division. Attention: SO ASR.

AIR REFUELING ROUTES IN CANADIAN AIRSPACE

NUMBER	ARIP	ARCP	NAVIGATION CHECK POINTS	EXIT	CR PLAN *	REFUELING ALTITUDES	SCHEDULING UNIT	ASSIGNED ACC
AR-020 (NE)	N42 56 43 W67 30 29 250/82	N43 49 30 W66 04 59	N44 55 23 W63 24 07 YHZ	N46 09 12 W60 03 23	A 341.75 B 349.7 C 2-1-1 D 5/1 E 62/125 *Note 1*	15,000 - FL280	EADS/DOAS/ROME, NY DSN 587-6247 Tel 315-334-6247 eads.doas.omb@ang.af.mil	Boston 269.3 133.45 Moncton 368.5 123.9
AR-020 (SW)	N46 53 23 W57 53 27 086/100	N46 09 12 W60 03 23	N44 55 23 W63 24 07 YHZ	N43 49 30 W66 04 59	A 341.75 B 349.7 C 2-1-1 D 5/1 E 62/125 *Note 1*	15,000 - FL280 *Note 2*		Gander 294.5/133.9(W/B) 247.0/133.55(E/B) Moncton 266.3 118.6
AR-62 (E)	N54 40 00 W70 51 00	N55 00 00 W68 41 00	N55 23 00 W65 43 00	N55 50 00 W60 51 00 YYR VOR/DME 017/152	A 242.05 B 243.45 C 5-1-0 D 3/1 E 51/114	FL210 thru FL280		GANDER FIR/ MONTREAL FIR ARCP: Montreal 132.9 EXIT: Gander 135.4
AR-62 (W)	N55 50 00 W60 51 00 YYR VOR/DME 017/152	N55 38 00 W63 10 00	N55 23 00 W65 43 00	N54 40 00 W70 51 00	A 242.05 B 243.45 C 5-1-0 D 3/1 E 51/114	FL210 thru FL280		GANDER FIR/ MONTREAL FIR ARCP: Gander 135.4 EXIT: Montreal 132.9

[redacted]

AIR REFUELING ROUTES IN CANADIAN AIRSPACE (Cont'd)

NUMBER	ARIP	ARCP	NAVIGATION CHECK POINTS	EXIT	CR PLAN *	REFUELING ALTITUDES	SCHEDULING UNIT	ASSIGNED ACC
AR-128 (East)	N52 00 00 W94 30 00 YRL334062	N52 48 00 W92 03 00 YRL031122		N55 00 00 W84 30 00 YMO342263	A 235.1 B 306.7 C D E 52/115	FL220 thru 280 Note 3	128 ARW/OSO/Milwaukee, WI DSN 580-8470 Tel: 414-944-8470 DSN 580-8475 Tel: 414-944-8475 usaf.wi.128-og.list.oso@mail.mil via IFR procedures Specialist, Winnipeg ACC Office 204-984-0969, 204-983-8561 wpgaccuos@navcanada.ca or Shift Manager 204-983-8338 24 PN	Winnipeg 135.32
AR-128 (West)	N55 00 00 W84 30 00 YMO342263	N54 16 00 W87 05 00 YMO323296		N52 00 00 W94 30 00 YRL334062	A 235.1 B 306.7 C D E 52/115	FL220 thru 280 Note 3		Winnipeg 133.95
Minaki (West-High	N49 46.2 W86 59.1 YGQ VOR/DME			N51 04.3 W93 45.7 YRL VOR/DME	A 268.2 B 289.1	FL230 - FL280	435 Squadron and/or 437 Squadron via IFR Procedures Specialist, Office: 204-984-0969, Cell: 204-297-7100 or 204-983-8561, wpgaccuos@navcanada.ca and; Winnipeg ACC Shift Manager (204-983-8338); 24 PN	WINNIPEG ACC
Minaki (West-Low)	N49 46.2 W86 59.1 YGQ VOR/DME			N51 04.3 W93 45.7 YRL VOR/DME	A 268.2 B 289.1	FL150 - FL200		WINNIPEG ACC

AIR REFUELING ROUTES IN CANADIAN AIRSPACE (Cont'd)

NUMBER	ARIP	ARCP	NAVIGATION CHECK POINTS	EXIT	CR PLAN *	REFUELING ALTITUDES	SCHEDULING UNIT	ASSIGNED ACC
Minaki (East-High)	N51 04.3 W93 45.7 YRL VOR/DME			N49 46.2 W86 59.1 YGQ VOR/DME	A 268.2 B 289.1	FL230 - FL280	435 Squadron and/or 437 Squadron via IFR Procedures Specialist, Office: 204-984-0969, Cell: 204-297-7100 or 204-983-8561, wpgaccuos@navcanada.ca and; Winnipeg ACC Shift Manager (204-983-8338); 24 PN	WINNIPEG ACC
Minaki (East-Low)	N51 04.3 W93 45.7 YRL VOR/DME			N49 46.2 W86 59.1 YGQ VOR/DME	A 268.2 B 289.1	FL150 - FL200		WINNIPEG ACC
Petro North (West-High)	N51 02.0 W79 30.0 SUMAB			N53 58.42 W101 06.0 YQD DME	A 268.2 B 289.1	FL240 - FL280	435 Squadron and/or 437 Squadron via IFR Procedures Specialist, Office: 204-984-0969, Cell: 204-297-7100 or 204-983-8561, wpgaccuos@navcanada.ca and; Winnipeg ACC Shift Manager (204-983-8338); 24 PN	WINNIPEG ACC
Petro North (West-Low)	N51 02.0 W79 30.0 SUMAB			N53 58.42 W101 06.0 YQD DME	A 268.2 B 289.1	FL180 - FL240		WINNIPEG ACC

AIR REFUELING ROUTES IN CANADIAN AIRSPACE (Cont'd)

NUMBER	ARIP	ARCP	NAVIGATION CHECK POINTS	EXIT	CR PLAN *	REFUELING ALTITUDES	SCHEDULING UNIT	ASSIGNED ACC
Petro North (East-High)	N53 58.42 W101 06.0 YQD DME			N51 02.0 W79 30.0 SUMAB	A 268.2 B 289.1	FL240 - FL280	435 Squadron and/or 437 Squadron via IFR Procedures Specialist, Office: 204-984-0969, Cell: 204-297-7100 or 204-983-8561, wpgaccuos@navcanada.ca and; Winnipeg ACC Shift Manager (204-983-8338); 24 PN	WINNIPEG ACC
Petro North (East-Low)	N53 58.42 W101 06.0 YQD DME			N51 02.0 W79 30.0 SUMAB	A 268.2 B 289.1	FL180 - FL240		WINNIPEG ACC

REMARKS:
AR-62 (E) & AR-62 (W): Track comes within 12NM of CYA732 (controlled by Goose Bay) Primary means of scheduling track reservation requests is email to: doas@neads.ang.af.mil. Transatlantic fighter crossings will still require altitude reservations.
Petro North: Airspace Reservation Area is 30NM wide x 808NM long. (15NM either side of track).
Minaki: Airspace Reservation Area is 30NM wide x 271NM long. (15NM either side of track).
Note 1: Alternate Primary freq: 305.5. Alternate Backup freq: 265.65
Note 2: AR20 (SW) REFUELING ALTITUDES: btwn FL230 and FL250, or btwn FL260 and FL280
Note 3: AR128 - A 3000' block altitude is approved subject to direction of flight; e.g. eastbound FL250B270 // westbound could be FL220B240 / etc.
***CR PLAN: A – Primary UHF, B- Backup UHF, C- APN69/134/135 settings, D- APX 78/Encode/decode settings, E- TACAN channels Receiver/Tanker**

CANADIAN MILITARY AERONAUTICAL COMMUNICATIONS SYSTEM (MACS)

This service is provided for non-tactical air-ground communications and may be used for position reporting, weather information and search and rescue. MACS aeronautical stations have point-to-point relay capability which is also supported for message traffic by a teletype. Therefore, position reports and messages destined for any location may be relayed through any MACS station.

PHONE PATCH – Facilities are available at each MACS aeronautical station to provide official phone patch service in accordance with existing communication instructions. In addition to normal telephone lines, MACS Edmonton, Trenton and St John's have the capability of patching into GP CSN/AUTOVON. THIS FACILITY IS INSECURE. CLASSIFIED MATTERS SHALL NOT BE DISCUSSED.

TRENTON AUTOMATED HOURLY BROADCAST SCHEDULE						
TRANSMIT FREQUENCY & SCHEDULE	Time H+00 to H+10	Broadcast Elements No Broadcast (Reserved for live transmission by DND personnel)	BROADCAST CONTENTS EACH HOUR QAM = ACTUALS and QFZ = FORECASTS			
Trenton Military 15034 kHz 1000Z-0000Z 6754 kHz 2300Z-1100Z Initial MACS Contact Freq 11232 kHz and 9007 kHz	H+10 to H+15	YAW Shearwater YZX Greenwood YQX Gander YHZ Halifax	H+30 to H+35	LDZA Zagreb LDSP Split LIPY Ancona BGTL Thule	H+50 to H+55	YYC Calgary YOD Cold Lake YWG Winnipeg
	H+15 to H+20	YBG Bagotville YTR Trenton YOW Ottawa YYZ Toronto	H+35 to H+40	EINN Shannon EGPK Prestwick BIKF Keflavik LPLA Lajes	H+55 to H+60	YYJ Victoria YVR Vancouver YXX Abbotsford
	H+20 to H+25	YYC Calgary YOD Cold Lake YWG Winnipeg	H+40 to H+45	AW Shearwater YZX Greenwood YQX Gander YHZ Halifax		
	H+25 to H+30	YQQ Comox YYJ Victoria YVR Vancouver YXX Abbotsford	H+45 to H+50	YBG Bagotville YTR Trenton YOW Ottawa YYZ Toronto		

NOTE: In the eventuality of the automated broadcast system failure, voice broadcast will be initiated. (See voice weather broadcast schedule below for timings and locations.

VOICE WEATHER BROADCAST SCHEDULE		
Trenton Military 15034 kHz 1000Z-0000Z 6754 kHz 2300Z-1100Z Initial MACS Contact Freq 11232 kHz and 9007 kHz	H+20 to H+40 SSB Voice only	YQX Gander YHZ Halifax YAW Shearwater YZX Greenwood YBG Bagotville YTR Trenton YOW Ottawa YYZ Toronto/Lester B. Pearson Intl YWG Winnipeg YOD Cold Lake YQQ Comox YYJ Victoria YXX Abbotsford

CANADIAN MILITARY AERONAUTICAL COMMUNICATION SYSTEM (MACS)

EDMONTON
Remoted to Trenton
Voice Call – TRENTON MILITARY
Initial MACS Contact Frequency – 11271 kHz and 8989 kHz
FREQUENCIES USB Voice 3047 3092 4703 5717 6706 6745 *6754 8989 9007 11232 11265 11271 13257 15031 *15034 17994 18012 23250

TRENTON
Voice Call – TRENTON MILITARY
Initial MACS Contact Frequency – 11232 kHz and 9007 kHz
FREQUENCIES USB Voice 3047 3092 4703 5717 6706 6745 *6754 8989 9007 11232 11265 11271 13257 15031 *15034 17994 18012 23250
*Exclusive Weather Broadcast Frequency – Not monitored

ST. JOHN'S
Voice Call – Remoted to Trenton
Voice Call – TRENTON MILITARY
Initial contact frequencies – 11232 kHz and 9007 kHz

SEARCH AND RESCUE – Rescue co-ordination centres in Victoria, Trenton, and Halifax have the capability of communicating on any AEM (OR) SSB frequency by utilizing phone patch facilities through their connected communication facilities.

NOTE: During SAR operations, only those stations actively engaged in these operations will make use of 5717 kHz. Aircraft other than those participating in SAR operations will be instructed to change to another MACS frequency.

MACS TELEPHONE/FACSIMILE NUMBERS

MACS STATION	TELEPHONE
Edmonton AB	(403) 472-2531
Trenton ON	(613) 392-5238/392-2811-8800
Trenton ON (Facsimile)	(613) 392-4791
Trenton ON (CSN)	(319) 827-8800

PILOT TO METRO SERVICE

Pilots are to make maximum use of PMSV to obtain the latest weather reports and forecasts

Aerodrome	METRO Frequency
Alert, NU	344.6 MHz
Bagotville, QC	344.6 MHz
Cold Lake, AB	344.6 MHz
Edmonton Namao, AB	344.6 MHz
Greenwood, NS	344.6 MHz
Goose Bay, NL	344.6 MHz

Aerodrome (Cont'd)	METRO Frequency (Cont'd)
Moose Jaw, SK	344.6 MHz
Petawawa, ON	297.4 MHz
Trenton, ON	344.6 MHz
Eileson AFB, AK	346.6 MHz
Elmendorf AFB, AK	346.6 MHz
Honolulu, HI	346.6 MHz
Lajes AFB, Portugal	284.425 MHz
Pituffik Space Base, Greenland	131.1 MHz

FLIGHT DATA AND PROCEDURES - UNITED STATES

(U.S. AIRSPACE) GENERAL

When planning flights into United States (U.S.) airspace, aircrew should be aware of the pertinent information contained in the U.S. DOD planning and information documents and publications. GPH 270, FIH, DOD Enroute Supplements and corresponding FLIPs should be consulted before flight.

IN-FLIGHT TECHNICAL ASSISTANCE

Military aircraft requiring in-flight emergency or technical assistance may avail themselves of the facilities listed below. Phone patch may be available through these agencies.

A. North American Aerospace Defence Command (NORAD)
Call sign: NORAD SECTOR freq: 364.2 MHz

B. Strategic Command (STRAT COMM)
Call sign: SKYBIRD freq: 311.0 MHz

C. Air Combat Command (ACC)
Call sign: GOLDEN freq: 381.3 MHz

D. Air Mobility Command (AMC)
Call sign: MAINSAIL freq: 11175 kHz

NOTE: For frequency listings, telephone numbers, and additional procedures world-wide, see DOD Flight Information Handbook (FIH).

USE OF RUNWAY CONDITION READING

U.S. Navy/U.S. Army use of Runway Conditions Readings (RCR), runway condition (braking action) at USAF bases and certain U.S. Navy and U.S. Army airfields is determined by the use of decelerometers. Runway condition at USAF bases is reported by ATC facilities in terms of runway condition reading (RCR). By comparing the RCR to a table in the applicable aircraft flight manual, USAF pilots can determine predicted landing ground roll distances. However, similar tables are not available in the NATOPS manuals for naval aircraft or in army aircraft handbooks. Accordingly, a table of equivalents is furnished to provide a convenient method of converting RCR to comparable braking action and predicted landing ground roll distances for use by Navy and Army pilots. Runway condition at U.S. Navy and U.S. Army airfields will be reported by air traffic controllers in terms of equivalent braking action as delineated in the following table. NOTE - Joint USAF/NASA test have proven RCR measurements invalid where the only form of moisture affecting the runway is water. Readings taken during such conditions will be reported as Wet Runway - WR. Measurements taken when water is present in ice or slush will be reported as RCR 12 or the measured decelerometer reading, whichever is lower.

Runway Condition Reading (RCR)	Equivalent Braking Action	Percent Increase in Landing Roll
02 to 05	Nil	100% or more
06 to 12	Poor	99% to 46%
13 to 18	Fair (Medium)	45% to 16%
19 to 25	Good	15% to 0%

Runway surface conditions and RCR readings as reported by base operation are appended to hourly aviation weather observations in coded form based on the following:

Wet Runway	WR
Slush on Runway	SLR
Loose Snow on Runway	LSR
Packed Snow on Runway	PSR
Ice on Runway	IR
Patchy conditions (ice, snow or water)	*P
Runway Sanded	SANDED

Asterisk code "P" will be used when the runway is less than fully covered by the coded RSC element. After patchy, a wet or dry report will be added to describe the portions of the runway not covered by ice, snow or slush. Examples:

Condition	**Code**
Pack snow on runway	PSR 15
Ice on runway - Decelerometer reading of 05.	
Condition patchy, runway sanded	IRO5P/SANDED

NOTE: The Air Force is conducting tests to determine the actual runway condition reading (RCR) of all USAF runways under wet runway conditions. As the tests are completed, the information will be included within the Aerodrome/Facility Remarks for each base.

The following conversion table from CRFI to RCR is provided for military operators operating in Canada whose aircraft operating instructions refer to RCR values.

CRFI	RCR	CRFI	RCR	CRFI	RCR
.2	3.6	.45	11.0	.6	17.0
.25	5.5	.5	13.0	.7	19.0
.3	7.5	.55	15.0	.75	20.5
.4	9.5				

BRAKING COEFFICIENT AND CONVERSION TABLE

GROUND VEHICLE FRICTION CORRELATION CHART Nominal Test Speed, 65 Km/h (40 mph)[9]										
	GROUND VEHICLE READING									
BRAKING ACTION LEVEL	RCR[1]	DECEL METERS[2]	CRFI[3]	MU-METER	SURFACE FRICTION TESTER[4]	RUNWAY FRICTION TESTER[5]	BV-11 SKIDDO-METER[4]	GRIP TESTER[6]	LOCKED WHEEL DEVICES[7]	ICAO INDEX[8]
GOOD	> 17	> 0.53	> 0.58	> 0.50	> 0.54	> 0.51	> 0.59	> 0.49	> 0.51	5
FAIR	12-17	0.37-0.53	0.40-0.58	0.35-0.50	0.38-0.54	0.35-0.51	0.42-0.59	0.34-0.49	0.37-0.51	3-4
POOR	6-11	0.17-0.36	0.20-0.39	0.15-0.34	0.18-0.37	0.18-0.34	0.21-0.41	0.16-0.33	0.18-0.36	2-3
NIL	≤ 5	≤ 0.16	≤ 0.17	≤ 0.14	≤ 0.16	≤ 0.15	≤ 0.19	≤ 0.14	≤ 0.15	1

NOTES:

1. RCR=Runway Condition Report=Decelerometer reading x 32
2. Decelerometers include Tapley, Bowmonk, and electronic recording decelerometer
3. CRFI=Canadian Friction Index
4. Measurements obtained with grooved aero tire inflated to 690 kPa (100 psi)
5. Measurements obtained with smooth ASTM 4 x 8.0 tire inflated to 210 kPa (30 psi)
6. Measurements obtained with smooth ASTM tire inflated to 140 kPa (20 psi)
7. ASTM E-274 skid trailer and E-503 diagonal-braked vehicle equipped with ASTM E-524 smooth test tires inflated to 170 kPa (24 psi)
8. ICAO=International Civil Aviation Organization
9. A wet runway produces a drop in friction with an increase in speed. If the runway has good texture, allowing the water to escape beneath the tire, then the friction value will be less affected by speed. Conversely, a poorly, textured surface will produce a larger drop in friction with increase in speed. Friction characteristics can be further reduced by poor drainage because of inadequate slopes or depressions in the runway surface.

NAVY/MARINE CORPS AIRFIELD CATEGORIES

Cat A Afld - Supports IFR operations, with authorized PAR approaches less than 100´ HAT, 1/4 mile visibility or 1200´ RVR.

Cat B Afld - Supports IFR operations, with authorized PAR approaches less than 200´ HAT, 1/2 mile visibility or 2400´ RVR - but not less than 100´ HAT, 1/4 mile visibility or 1200´ RVR.

Cat C Afld - Supports IFR operations, with authorized PAR approaches to not less than 200´ HAT, 1/2 mile visibility or 2400´ RVR.

Cat D Afld - All other airfields supporting IFR operations.

U.S. COAST GUARD SHORE RADIO STATIONS MAINTAINING WATCH ON 8364 kHz

The following Coast Guard radio stations listen on the 8 MHz ship radio telegraph calling band 8354-8374 kHz of which 8364 kHz is the centre frequency. Stations receiving a call in the 8 MHz band will normally reply on the frequencies indicated.

Activity	Call	
Boston	NMF	8465
San Francisco	NMC	
Ketchikan	NMJ	8728

MILITARY AIRCRAFT ACCIDENT/INCIDENT REPORTING PROCEDURES

OCCURENCE	ACTION BY Unit of Occurrence or Aircraft Captain or Senior Survivor
AIR/GROUND ACCIDENTS OF A AND B CATEGORY and/or FATAL, VERY SERIOUS OR SERIOUS INJURY and/or MISSING AIRCRAFT MISSING PERSON(S)	Notify the unit of ownership by fastest possible means. If impractical, phone the Canadian Forces Integrated Command Centre (CFICC) (1-613-998-4136). Inform the CFICC duty watch officer of the nature of the call and give all available information in format below. The CFICC will record this information and subsequently disseminate to DFS who will inform appropriate authorities concerning foreign military aircraft in Canada. If outside North America or Europe, notify the nearest Canadian diplomatic or Foreign Liaison Staff. If a fatality is involved, notify the local coroner and Attorney General of Province.
SIGNIFICANT EVENT (An aircraft event involving either prominent persons, or circumstances likely to create public interest.)	Telephone report to the CFICC (1-613-998-4136) followed by an Aircraft Occurrence Report in the format below.
AIR/GROUND ACCIDENTS/INCIDENTS	Notify the unit of ownership by fastest possible means. If impractical, telephone the CFICC: (1-613-998-4136). Collect calls accepted.

CATEGORIES OF DAMAGE:

These definitions will determine the type of report.

	ACCIDENTS
A CATEGORY	The aircraft is destroyed, declared missing or damaged beyond economical repair.
B CATEGORY	The aircraft must be shipped, not flown under its own power, to a contractor or depot level facility for repair.

MILITARY AIRCRAFT ACCIDENT/INCIDENT REPORTING PROCEDURES

C CATEGORY The aircraft sustains damage to a major component requiring repair beyond field level resources including those occurrences where:

(1) the aircraft must be flown to a contractor or depot level facility for repair;

(2) the damaged major component is shipped to a contractor or depot level facility for repair;

(3) the repair is carried out by a mobile repair party from depot level or contractor; or

(4) the major component is damaged beyond economical repair.

INCIDENTS

D CATEGORY Damage to any component that is repaired within field level resources. Note that because powerplants are not classed as major components, any powerplant damage shall be classified in this category regardless of the repair level.

E CATEGORY The aircraft (including powerplant) has no damage, but accident potential exists.

ACCIDENT/INCIDENT REPORT FORMAT:

Send to: COMMAND OF OCCURRENCE
COMMAND OF OWNERSHIP
UNIT OF OWNERSHIP

info copy to: NDHQ OTTAWA
LOGCON OTTAWA
DCIEM TORONTO (all accidents and incidents with aeromedical aspects)

Subject: AIR ACCIDENT/INCIDENT; or AIRCRAFT GROUND ACCIDENT/INCIDENT
(Add ARMAMENT IMPLICATIONS if appropriate)

1. Injury classification – Green (no injury)
   – Yellow (minor injury)
   – Red (major injury)
   – Black (fatal)
   – Grey (missing)
2. Aircraft type, registration number, and engine serial number if applicable.
3. Unit and Command to which aircraft belongs.
4. Geographic location of occurrence. Give specific position only in case of actual crash site. For other occurrences a general description is sufficient (local area etc.)
5. Category of Damage.
6. Person(s) involved - SIN, (include rank and name only for accidents), how to contact (when means of communication not obvious).
7. Type of flight (Training, Ferry, Testing, Display, etc, or N/A).
8. Description of occurrence. To include significant weather, property damage and armament factors if applicable.
9. What further reporting is planned? – none, Supplementary Report, CF210, Board of Inquiry. Note that if the answer is "none", the information required in the SR must be appended to the initial report (GA-135 refers).
10. Recommended immediate corrective action.
11. Casualties – name and nature of injury (minor injury, serious injury, very serious injury, killed, missing).

MILITARY AIRCRAFT ACCIDENT/INCIDENT REPORTING PROCEDURES

12. Barrier engagement:
    (a) speed and weight at engagement;
    (b) position and angle of engagement from runway centreline;
    (c) use of brakes at engagement?
    (d) chute used?
    (e) runout distance;
    (f) successful or unsuccessful - explain;
    (g) reason for engagement;
    (h) damage to arresting system;
    (i) elapsed time until arresting system available for re-use;
    (j) aircraft damage caused by engagement.

NEAR-MISS REPORTING PROCEDURES

NON-MILITARY PILOTS

Pilots experiencing a near-miss with military (DND) aircraft should report these occurrences to DND Attn: 1 CAD ICP at (204) 833-2500 Ext 5512 or Fax at (204) 833-2717.

NORTH ATLANTIC AND ALASKA AIR/GROUND COMMUNICATION FREQUENCIES

ANCHORAGE CENTRE

Annette Island **(a)**	118.5	**118.5**	284.6	**284.6**				
Barter Island **(a)**	120.6	**120.6**						
Big Delta	135.3	**135.3**	322.5	**322.5**				
Biorka Island **(b)**	126.6**(c)**	**126.6**	335.5**(c)**	**335.5**				
Fort Yukon	132.7	**132.7**	135.0	**135.0**	284.7	**284.7**	370.1	**370.1**
Gulkana **(a)**	119.5	**119.5**	127.9	**127.9**	317.5	**317.5**	360.8	**360.8**
Gustavus	133.2	**133.2**	357.6	**357.6**				
Lena Point (Juneau) **(a)**	133.9	**133.9**						
Level Island	118.0	**118.0**						
McGrath **(a)**	128.1	**128.1**	353.8	**353.8**				
Middleton Island **(b)**	133.6	**133.6**	269.4	**269.4**				
Murphy Dome **(d) (e)**	120.9	**120.9**	133.1	**133.1**	285.4	**285.4**	319.2	**319.2**
Talkeetna	119.6	**119.6**	254.3	**254.3**				
Yakutat **(a)**	119.0	**119.0**	263.1	**263.1**				

Remarks - Enroute radar NO NOTAM maint period 1230-1530Z‡ Sat, Sun & Mon; additionally, Deadhorse area enroute radar NO NOTAM maint period 15-17Z Sat & Sun, Murphy Dome (Fairbanks area) enroute radar NO NOTAM maint period 0230-0630Z‡ Sun, Middleton Island area enroute radar NO NOTAM maint period 12-14Z‡ Sun, King Salmon area enroute radar NO NOTAM maint period 21-23Z‡ dly and Fairbanks terminal radar alpha-numerics NO NOTAM maint period 16-17Z‡ Wed. **(a)** Radar not avbl. Secondary Radar only. **(b)** Secondary Radar only. **(c)** Unusable 050°M-110°M beyond 30NM below 7000'. **(d)** Primary radar. **(e)** Fairbanks & Kenai area enroute radar are severely restricted in its capability to display primary radar targets at the controllers position. Their traffic advisories may not be issued depending on whether or not the system is displaying a target on Non-Transponder equipped acft. For more specific data relating to target deficiencies in ATC Radar systems refer to FAA AIM 4-5-1. Primary/secondary radar 150NM radius Fairbanks VOR unavailable 1230-1530Z‡ Sat & Mon, and 0430-0830Z‡ Sun.

FREDERIKSHAAB GNLD

A/G: 118.1 5526 Opr by Godthab Rdo.

GROENNEDAL GNLD

A/G: 118.1 5526 (3023.5 SAR) For internal VFR flts only, O/R. Avbl for flts to/from Groennedal. Avbl for vital flts (SAR, ambulance). Avbl on 1 hour prior ntc to BGJHYS for assisting Julianehaab on 5526 kHz.

NORTH ATLANTIC AND ALASKA AIR/GROUND COMMUNICATION FREQUENCIES (Cont'd)

HOLSTEINSBORG GNLD

A/G: 118.1 Opr by Sisimiut Airport 5526 Opr by Nuuk Rdo.

JULIANEHAAB GNLD

118.1 opr 09-01Z O/T PPR no later than 21Z the preceding day.

5526 SVC area includes Nonssonssuaq.

LAJES FIELD PORTUGAL

USAF Global HF Station

A/G: Voice call Lajes

SSB: 15016 H24

UHF: 349.4 shared with AMC Comd Post & PTD

Remarks - Primary guard Santa Maria Oceanic CTA/FIR. Coded message bcst H + 24. Capsule bcst H + 05 & H + 35. PMSV : Lajes Metro avbl thru phone patch. Svc avbl: a) Phone patch, b) RTTY (clear/secure), c) HF-DF assist, d) Autod in access, e) ICAO TTY, f) Flt follow, g) AM svc avbl O/R. AUTOVON 895-3490. AUTOVON CONUS access 725-1410 Ext 7101 EUROPEAN access 246-1110 Ext 7101.

NEW YORK NY

A/G:	North Atlantic Family A-	129.9	**(a)**	3016	5598	8906	13306	17946	21964
	North Atlantic Family E-	129.9	**(a)**	2962	6628	8825	11309	13354	17952
	Caribbean Family A-	130.7	**(a)**	2287	5550	6577	8846	8918	11396
	13297 17907								

Remarks - (a) Local and extended range.

PITUFFIK SPACE BASE GNLD

USAF HF/SSB Global Station

A/G: Voice callsign Thule

SSB: H24 Apr-Sep 8992 11175 13200 15016 (H24 oct-mar 4724 6739 8992 11175)

UHF: 243.0

VHF: 121.5

Remarks - CONUS DSN 259-9000 or 730-1530. Worldwide phone patch capable. Direct ATC Hotline to Reykjavik OAC and Edmonton ARTCC. Svc avbl: 1. HD/DF Assist. 2. Worldwide phone patch. 3. Discrete freq svc. 4. PMSV svc via phone patch.

PRINS CHRISTIAN SUND GNLD

A/G: 127.9 To be used for comm with the following ACC's dur periods of poor propagation cond: Gander, Goose, Reykjavik & Sondrestrom. Remote from Gander call "Gander Radio". Opr by Gander Rdo serving ACC Gander.

SAN FRANCISCO CA

A/G: For aircraft using the Polar Routes, ARINC has a remote LDOCF voice site at Barrrow, Alaska, controlled from ARINC SFO Communications Centre. Although primarily for company type communications, ATC communications can be passed to and from Anchorage Centre under unusual or emergency situations. Site is available for Phone Patches and Radio Operator delivered message traffic. Barrow LDOCF frequencies are: 3494 6640 11342 13348 17925 21964.

SUKKERTOPPEN GNLD

A/G: 118.1 5526 opr by Godthab rdo

UPERNAVIK GNLD

A/G: 121.3 4745.5 opr 11-19Z closed 15-17Z Nov 1-Mar 31. for internal flights only.

EMERGENCY

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TRANSPONDER OPERATION

A transponder may, at any time, be adjusted to reply to

(a) Code 7600, to indicate a communication failure;
(b) Code 7700, to indicate an in-flight emergency; or
(c) Code 7500, to indicate hijacking of the aircraft. (see unlawful interference)

UNLAWFUL INTERFERENCE (HIJACK)

Selection of the code activates an alarm system and points out the aircraft on radar displays. If the controller doubts that an aircraft is being hijacked (as could occur when a code change was requested and the hijack code appears rather than the assigned code), the controller will say, CONFIRM SQUAWK SEVEN FIVE ZERO ZERO. If the pilot answers yes, the controller will alert the ATC system. If the pilot replies no, the controller will re-assign the proper code. If the pilot does not reply, the controller will take this as confirmation that the use of Code 7500 is intentional. If after using Code 7500 an aircraft changes to Code 7700, or transmits a message including the phrase TRANSPONDER SEVEN SEVEN ZERO ZERO, it indicates that the aircraft is threatened by grave and imminent danger and requires immediate assistance.

TRAFFIC CONTROL LIGHT SIGNALS

Pilots without radio equipment should observe the tower for light signals. Acknowledge signals in the daytime by movement of ailerons or rudder on the ground and by rocking wings in the air. Acknowledge signals at night by flashing aircraft lights.

Color and Type of Signal	On the Ground	In Flight
STEADY GREEN	Clear for take-off	Cleared to land
FLASHING GREEN	Cleared to Taxi	Return to landing (to be followed by steady green at proper time)
STEADY RED	Stop	Give way to other aircraft and continue circling
FLASHING RED	Taxi clear of landing area (runway) in use	Airport unsafe-do not land
FLASHING WHITE	Return to starting point on airport	
RED PYROTECHNICAL LIGHT		Not withstanding any previous instructions. Do not land for the time being.
Projectiles at 10 sec intervals which burst into red and green lights or stars		Means: "You are in the vicinity of a prohibited, danger or restricted area, alter course".

FUEL DUMPING

GENERAL

Whenever it is necessary to jettison fuel, the pilot should immediately notify ATC and provide information such as the course to be flown, the period of time and weather conditions. ATC may suggest an alternate area where fuel should be dumped; aircraft will be encouraged to dump fuel on a constant heading over unpopulated areas and clear of heavy traffic. When necessary information has been obtained, ATC will broadcast on appropriate frequencies a "fuel dumping advisory". Pilots should advise ATC immediately when fuel dumping has been completed. Environmental regulatory authorities must be notified of fuel jettisoning events.

MIL: Reporting shall be in accordance with 1 CAD HQ Uniform Spill Reporting Protocol. For detailed description of Aircraft Fuel Jettisoning, see B-GA-100-001/AA-000, Book 1 - Flight Rules, Chapter 6.

MINIMIZING FUEL JETTISONING

No person shall jettison fuel from an aircraft in flight unless all appropriate measures are taken to minimize the danger to human life and the environment. Fuel jettisoning shall only take place when necessary to ensure aviation safety insofar as:

(a) It is necessary to do so to achieve safe flying or landing conditions; or
(b) It is necessary to verify aircraft serviceability by conducting maintenance flight tests.

MINIMIZING THE IMPACT OF FUEL JETTISONING

Surface level impacts from fuel jettisoning are primarily dependent on the amount and type of fuel jettisoned, the altitude at which the jettisoning occurs, the location of jettisoning and the climatic conditions. In all cases, fuel jettisoning shall:

(a) Be limited to the minimum amount necessary to ensure safe flight and landing conditions or to verify aircraft serviceability;
(b) Unless emergency conditions dictate otherwise, be conducted at an altitude that will reduce to a minimum the amount of fuel reaching the ground. In non emergency conditions, 5000 feet AGL shall be used as a minimum altitude; and
(c) Unless emergency conditions dictate otherwise, be conducted in designated areas.

SEARCH AND RESCUE

REQUEST FOR SEARCH AND RESCUE SERVICES

As soon as information is received that an aircraft is overdue, operators or owners should immediately alert the nearest JRCC or any ATS unit, giving all known details. The alerting call should not be delayed until after a small-scale private search. Such a delay could deprive those in need of urgent assistance at a time when it is most needed.

VICTORIA

(serving British Columbia and the Yukon)

Joint Rescue Coordination Centre Victoria

Tel.: 1-800-567-5111 (within region)

250-413-8933

#SAR or #727 (toll-free cellular)

TRENTON

(serving Alberta, Manitoba, Northwest Territories, western Nunavut, Ontario, western Quebec, Saskatchewan)

Joint Rescue Coordination Centre Trenton

Tel.: 1-800-267-7270 (within Canada)

613-965-3870

HALIFAX

(serving New Brunswick, Newfoundland and Labrador, Nova Scotia, eastern Nunavut, Prince Edward Island, eastern Quebec)

Joint Rescue Coordination Centre Halifax

Tel.: 1-800-565-1582 (within region)

902-427-8200

All JRCCs will accept collect telephone calls dealing with missing or overdue aircraft.

RECOMMENDED PROCEDURES TO ASSIST IN SEARCH

The flight plan and flight itinerary are the primary sources of information for SAR operations. Therefore, proper flight planning procedures must be followed and the filed routes adhered to in order to ensure early detection and rescue. It is therefore critical to the safety of the pilots to advise ATS of any en route change or deviation as soon as practicable.

Refer to TC AIM RAC for details relating to filing and closing various plans or itineraries.

SEARCH AND RESCUE (Cont'd)

IF YOU CRASH LAND

EMERGENCY LOCATOR TRANSMITTER (ELT):

ELTs are required for most general aviation aircraft (see CAR 605.38). They operate on a primary frequency of 121.5 MHz, 243 MHz, or 406 MHz, and help search crews locate downed aircraft and rescue survivors.

When activated, ELTs emit a signal that is detected by the international satellite system for search and rescue, COSPAS-SARSAT. Position information is calculated and relayed to the appropriate JRCC for action. The 121.5 MHz signal common to all ELTs also produces a distinctive siren-like tone that can be heard on a radio receiver tuned to this frequency. This signal helps incoming SAR responders pinpoint an aircraft's position. During routine operations, hearing a 121.5 MHz signal also alerts pilots to the inadvertent activation of their ELT. The frequency should therefore be monitored briefly after each flight.

Properly maintained ELTs with serviceable batteries should provide continuous operation for a minimum of 24 hr at a wide range of temperatures. Batteries that remain in service beyond their recommended life may not provide sufficient power to produce a usable signal. ELTs that contain outdated batteries are not considered to be serviceable.

All ELTs currently operating on 406, 121.5 and/or 243 MHz can be detected by COSPAS-SARSAT satellites. However, **it is vital to note that effective February 1, 2009, COSPAS-SARSAT satellites will only detect 406 MHz ELT signals**. After that date, a 406 MHz ELT will be required to ensure the COSPAS-SARSAT system is automatically notified in the event of an aircraft crash.

When to Activate (Emergency conditions):

The ELTs in general aviation aircraft contain a crash activation sensor, or G-switch, which is designed to detect the deceleration characteristics of a crash and automatically activate the transmitter. However, it is always safest to place the ELT function switch to "ON" as soon as possible after the crash, if practicable.

COSPAS-SARSAT satellites continually overfly Canada and will detect ELT signals within 90 min. In the case of aircraft equipped with a 406 MHz ELT, geostationary satellites (GEO) will detect the ELT within minutes, alerting the SAR system that there is an emergency, even while the final position is calculated.

Some military and commercial aircraft also monitor 121.5 MHz or 243 MHz and will notify ATS or SAR agencies of any ELT transmissions they hear.

In case of emergency, do not delay ELT activation until flight-planned times expire, as such delays will only delay rescue. Do not cycle the ELT through "OFF" and "ON" positions to preserve battery life, as irregular operation reduces localization accuracy and will hamper homing efforts. Once your ELT has been switched to "ON", do not switch it "OFF" until you have been positively located and directed to turn it off by the SAR forces.

If you have landed to wait out bad weather, or for some other non-emergency reason, and no emergency exists, do not activate your ELT. However, if the delay will extend beyond:

(a) flight plan-1 hr past ETA; or

(b) flight itinerary-the SAR time specified, or 24 hr after the duration of the flight, or the ETA specified;

your aircraft will be reported overdue, and a search will begin.

To avoid an unnecessary search, notify the nearest ATS unit of your changed flight plan or itinerary. If you cannot contact an ATS unit, attempt to contact another aircraft on one of the following frequencies in order to have that aircraft relay the information to ATS:

(a) 126.7 MHz;

(b) local VFR common frequency;

(c) local ACC IFR frequency listed in the CFS;

(d) 121.5 MHz; or

(e) HF 5680 kHz, if so equipped.

If you cannot contact anyone, a search will begin at the times mentioned above. At the appropriate time, switch your ELT to "ON", and leave it on until search crews locate you. Once located, use your aircraft radio on 121.5 MHz (turn ELT off if there is interference) to advise the SAR crew of your condition and intentions. ELTs and the COSPAS-SARSAT system work together to speed rescue. The ELT "calls for help." COSPAS-SARSAT hears that call, and promptly notifies SAR authorities, who then dispatch help. Delays in activating your ELT will delay your rescue.

SEARCH AND RESCUE (Cont'd)

Maximizing Your Emergency Signal:

If the ELT is a portable model with its own auxiliary antenna, and can be safely removed from the aircraft, it should be placed as high as possible on a level surface to reduce obstructions between it and the horizon. Raising an ELT from ground level to 2.44 m (8 ft) may increase the range by 20 to 40 percent. The antenna should be vertical to ensure optimum radiation of the signal. Placing the transmitter on a piece of metal, or even the wing of the aircraft, if it is level, will provide the reflectivity to extend transmission range. Holding the transmitter close to the body in cold weather will not significantly increase battery power output. As the body will absorb most of the signal energy, such action could reduce the effective range of the transmission.

If the ELT is permanently mounted in the aircraft, ensure that it has not been damaged and is still connected to the antenna. If it is safe to do so (i.e. no spilled fuel or fuel vapours), confirm the ELT's operation by selecting 121.5 MHz on the aircraft radio and listening for the audible siren-like tone.

Reminder: The search will be conducted to locate the aircraft. If the aircraft lands in an uninhabited area, stay with the aircraft and the ELT. The aircraft is easier to see than people are. If possible, have smoke, flares or signal fires ready to attract the attention of search crews who are homing to the ELT. Smoke, flares and signal fires should be sited with due regard for any spilled fuel resulting from the crash.

AIRCRAFT RADIOS

If your radio is serviceable, you can use it to send a distress message. Aircraft battery life will be limited so you will have to decide when to transmit. The choice will be between saving the radio until after your ELT has run down as compared to transmitting a MAYDAY regularly in expectation of a ground station or passing aircraft hearing the signal. Be prepared to transmit your MAYDAY blind, i.e. don't expect a reply. Also, if you know your position or approximate position, include it in the MAYDAY.

The frequency 121.5 MHz (VHF) and 243 MHz (UHF) are international voice distress frequencies, with 121.5 MHz monitored by many high-flying aircraft. If it is on, your ELT may interfere with a voice transmission on this frequency. Choose instead a working frequency that ground stations or passing aircraft are likely to monitor. In Canada, VFR aircraft are advised to monitor 126.7 MHz when operating en-route in uncontrolled airspace.

If you have an HF radio, it might be more effective than VHF or UHF. The HF's range of several thousand miles is much greater than the line-of-sight capability of VHF and UHF, and for this reason, is particularly useful in uninhabited and off-airways areas. The recommended HF frequency is 5680 KHz, a long-range communications channel monitored by many flight information centres for remote areas of Canada. The recommended time for voice distress signals is 15 and 45 minutes after each hour for 3 minutes' duration. Canada maintains two networks of direction-finding stations that can pinpoint the source of HF transmissions made anywhere in the country.

GROUND-TO-AIR SIGNALS

Even if no ELT or distress signal has been received, a visual search will commence at the time indicated in the flight plan or flight itinerary. The search in Canada will typically extend up to 15 NM on either side of the flight-planned route, starting from the aircraft's last known position and concluding just beyond its destination. In mountainous regions, the search area will be defined to best suit the terrain and route of flight.

Some searches may last at least 24 hr before rescue is accomplished. Make the accident site as conspicuous as possible. Searchers will be looking for anything out of the ordinary, and their eyes will be drawn to any unnatural feature on the ground. The aircraft has the best chance of being spotted if large portions of its wings and tail are painted in vivid colours. Keep the aircraft cleared of snow.

As soon as possible after landing, and with due concern for spilled fuel or vapours, build a campfire. Collect a large pile of green material (e.g. tree boughs, fresh leaves, grasses) to quickly place on the fire should an aircraft be seen or heard. Three signal fires forming a triangle is the standard distress signal, but even one large smoky fire should attract the attention of searchers.

One of the best high-visibility items now available on the market is a cloth panel of brilliant fluorescent colour, often referred to as a "conspicuity panel." It is staked to the ground during the day and used as a highly effective ground signal. It can also be used as a lean-to shelter and can supply some warmth as a blanket. Other means of attracting attention are reflecting sunlight using signal mirrors or shiny pieces of metal during daylight; or using flashlights, headlamps, strobes, or even camera flashes during hours of darkness.

SEARCH AND RESCUE (Cont'd)

The following symbols are to be used to communicate with aircraft when an emergency exists. Symbols 1 to 5 are internationally accepted; 6 to 9 are for use in Canada only

TABLE 1

NO.	MESSAGE	CODE SYMBOL
1	Require assistance	V
2	Require medical assistance	X
3	No or negative	N
4	Yes or affirmative	Y
5	Proceeding in this direction	↑

TABLE 2

NO.	MESSAGE	CODE SYMBOL
6	All is well	LL
7	Require food and water	F
8	Require fuel and oil	L
9	Need repairs	W

NOTE:

- Use strips of fabric or parachutes, pieces of wood, stones or any other available material to make the symbols.
- Endeavour to provide as big a colour contrast as possible between the material used for the symbols and the background against which the symbols are exposed.
- Symbols should be at least 8 ft. in height or larger, if possible. Care should be taken to lay out symbols exactly as depicted to avoid confusion with other symbols.
- A space of 10 feet should separate the elements of symbol 6.

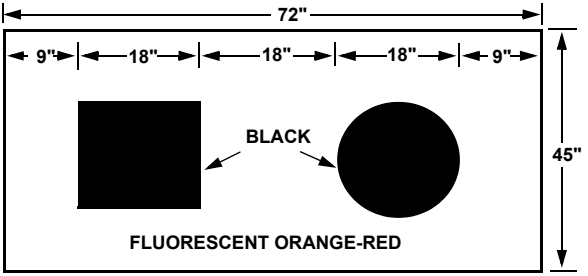
PROCEDURES WHEN SPOTTING SOMEONE IN DISTRESS

When a pilot observes an aircraft or surface craft in distress, he shall, if possible:

(a) keep the craft in sight until such time as his presence is no longer necessary;
(b) If his position is not known, attempt to establish it;
(c) report to the Rescue Co-ordination Centre or Air Traffic Control Unit the following information:
  - time of observation
  - position of craft
  - general description of scene
  - apparent physical condition of persons.

SMALL CRAFT DISTRESS SIGNALS

Small craft may display distress or urgency signals as shown below



SEARCH AND RESCUE (Cont'd)

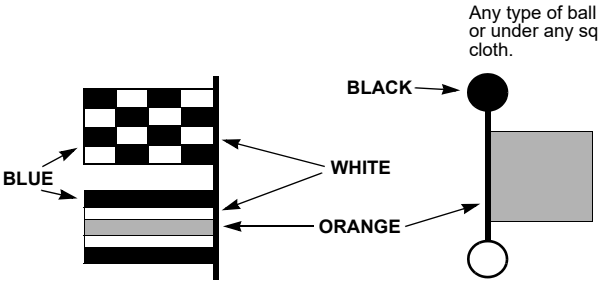
DIRECTIONS TO SHIPS:

Signals used by aircraft engaged in search and rescue operations to direct ships towards an aircraft, ship or person in distress.

(a) CIRCLE the vessel at least once.
(b) CROSS the vessel's projected course close AHEAD at low altitude while ROCKING the wings (see note).
(c) HEAD in the direction in which vessel is to be directed.
(d) When assistance of the vessel is no longer required, CROSS the vessel's wake close ASTERN at low altitude while ROCKING the wings (see note).

NOTE: Opening and closing the throttle or changing the propeller pitch may also be practiced as an alternative means of attracting attention to that of rocking wings. However, this form of sound signal may be less effective than the visual signal of rocking the wings owing to high noise level on board the vessel.

WATER CRAFT will normally change direction if able to comply. If unable to comply, it will hoist International flag "N" or give other visual signals. Crossing the stern of the boat at low altitude, opening and closing the throttle or changing the propeller pitch will indicate that the assistance of the boat is no longer required.



INTERNATIONAL FLAG "N" over "C"

AVOIDANCE OF SEARCH AND RESCUE AREAS

It has been reported that pilots of private and commercial aircraft, not under the control of the Canadian Forces during air searches, are seriously interfering with and jeopardizing the safety of aircraft engaged in search operations.

Such interference is occasioned by pilots flying unnecessarily through the search area, whose bounds have been established at the commencement of the search by a NOTAM, at heights below 2,000 feet above ground level.

In the interest of safety, and efficient search and rescue operations, pilots of aircraft not engaged in this activity are to avoid airspace in the area specified by NOTAM whenever possible. Extreme caution should be exercised whenever it is necessary to enter this airspace.

EMERGENCY RADAR ASSISTANCE

1. Emergency radar assistance is available on a 24 hour basis to identified aircraft within the limits of any Air Defense Identification Zone. The military radar system can at the discretion of the operator, provide the following services to aircraft; track, ground speed checks, position and bearing to the nearest airport or other designated points. Canadian military assistance provides bearing in degrees true. The radar assistance provided is advisory only and does not absolve the aircraft commander of the responsibility for safe navigation of the aircraft and compliance with air traffic control clearance or other required procedures.
2. Contact the Sector Air Operations Centre (SAOC) on frequencies 121.5 and 243.0. In the Domestic ADIZ, 364.2 is also available. Example: "Radar Assistance," aircraft call sign. Subsequent calls should address the specific ROCC answering the initial call.

EMERGENCY SURVEILLANCE RADAR APPROACHES:

Surveillance radar approaches will be provided by ATC, if:

(a) ATC radar coverage is adequate,
(b) no alternative method of approach is available, and
(c) the pilot declares an emergency and requests a radar approach.

NOTE: NAV CANADA radars are not flight-checked or commissioned for surveillance approaches, nor are NAV CANADA controllers specifically trained to conduct them.

EMERGENCY COMMUNICATIONS PROCEDURES

DEGREES OF EMERGENCY:

Type	Radio	R/T Signal	C/W Signal Usage
DISTRESS	MAYDAY	SOS	When you are threatened by serious and imminent danger and require immediate assistance, (ditching, crash landing, bailout, etc.). To give distress message for others unable to transmit. To relay a distress message. A distress message has priority over all other messages.
URGENCY	PAN PAN	XXX	When your situation requires urgent action, but is not actual distress (lost, fuel shortage, etc.). To report concerning the safety of an aircraft, ship or other vehicle or of some person on board or within sight. An urgency message has priority over all other messages except distress.

COMMUNICATION PROCEDURES:

(a) Switch on all automatic emergency equipment.
(b) Transmit appropriate distress call on A/G freq in use or on 121.5 followed by the distress message.

NOTE: 121.5 MHz may also be used to establish communications when the aircraft is not equipped with the published frequencies or when equipment failure precludes the use of normal channel.

Aircraft equipped with satellite voice communication equipment may call the appropriate Air Traffic Services Unit using the following short codes or public switched telephone network (PSTN) numbers:

Location	Short Code	PSTN Number
Gander Oceanic FIR	431603	1-709-651-5260
Gander Domestic FIR	431602	1-709-651-5297
Gander Radio	431613	1-709-651-5298
Moncton FIR	431604	1-506-867-8745
Montréal FIR	431605	1-514-633-3606
Toronto FIR	431606	1-905-405-8684
Winnipeg FIR	431608	1-204-837-9481
Edmonton FIR	431601	1-780-890-2775
Vancouver FIR	431607	1-604-507-7875

EMERGENCY COMMUNICATIONS PROCEDURES (Cont'd)

MESSAGE FORM:

1. (a) VOICE - MAYDAY, MAYDAY, MAYDAY, THIS IS, aircraft call sign (3 times).
   (b) CW - SOS, SOS, SOS, aircraft call sign (3 times).
2. TYPE OF AIRCRAFT.
3. POSITION OR ESTIMATED POSITION (state which) and TIME (when geographic coordinates are used, express latitude and longitude in "degrees and minutes".)
4. HEADING (state true or magnetic) AND INDICATED AIRSPEED.
5. ALTITUDE or FLIGHT LEVEL.
6. NATURE OF EMERGENCY.
7. PILOT'S INTENTIONS (bail out, ditching, crash landing, etc.).

CANCELLATION:

When the aircraft is no longer in distress, transmit a message cancelling the state of distress on the same frequency if possible, as was used for the distress call.

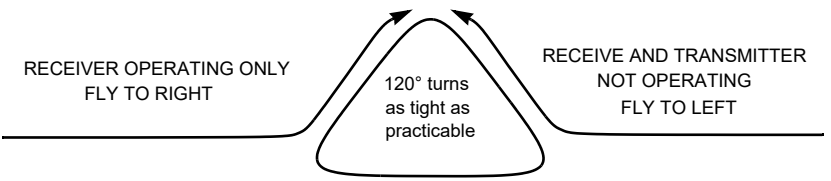
IFF/SIF/TRANSPONDER OPERATION

Emergency IFF Control Box - Select Emergency
SIF and Transponder - Mode A/3 Code 7700

Communication Failure Mode A/3 Code 7600

RADAR ALERTING MANOEUVRES:

1. When lost or in distress and unable to make radio contact, attempt to alert all available radar systems as follows:
   (a) activate IFF/SIF to EMERGENCY;
   (b) guard emergency frequencies;
   (c) fly two triangular patterns as depicted, resume course, repeat at 5 minute intervals.



TAS 300 Kts or less - fly TWO minute legs
TAS more than 300 Kts - fly ONE minute legs

2. If distressed aircraft is flying at night or in limited visibility, landing lights, navigation lights should be turned on to assist the interceptor.
3. If radar contact is established, a rescue aircraft will be dispatched for intercept.
4. Upon successful interception the interceptor and the distressed aircraft should attempt radio contact. If this is not possible, the following visual signals should be used.

NOTE: If flying at a low altitude an attempt should be made to climb, as the greater the altitude of the aircraft, the better chances of its being detected.

NOTE: For more detailed information on radar coverage see TC AIM SAR.

TWO WAY COMMUNICATIONS FAILURE

It is impossible to provide regulations and procedures applicable to all possible situations associated with two-way communications failure. During a communications failure when confronted by a situation not covered in the regulations, pilots are expected to exercise good judgement in whatever action they elect to take. The following procedures are the standard communications failure procedures. However, they may be superseded by specific procedures which take precedence. For example, some missed approach and SID procedures may have specific published communications failure procedures.

GENERAL: Unless otherwise authorized by ATC, the pilot-in-command of an aircraft that experiences a two-way communications failure when operating in or cleared to enter controlled airspace under IFR, or is operating in or cleared to enter Class B or C airspace under VFR shall:

1. if transponder equipped-select the transponder to reply to Mode A/3 code 7600 interrogations;
2. maintain a listening watch on appropriate frequencies for control messages or further clearances; acknowledge receipt of any such messages by any means available, including selective use of the normal/standby functions of transponders; and
3. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC control facility with whom communications are intended.
4. NAV CANADA publishes the phone numbers of area control centres, control towers, flight information centres and flight service stations in the Canada Flight Supplement. In the event of an in-flight radio communications failure, and only after normal communications failure procedures have been followed (see TC AIM RAC), the pilot in command may attempt to contact the appropriate NAV CANADA air traffic services unit by means of a cellular telephone.

IFR FLIGHT PLAN

1. **Visual Meteorological Conditions:** If the failure occurs in visual meteorological conditions, or if visual meteorological conditions are encountered after the failure, the pilot-in-command shall continue the flight under VFR and land as soon as practicable.

NOTE: This procedure applies in any class of airspace. The primary purpose is to preclude extended IFR operation in controlled airspace in visual meteorological conditions. However, it is not intended that the requirement to "land as soon as 'practicable'" be construed to mean "land as soon as 'possible'". The pilot retains the prerogative of exercising his/her best judgement and is not required to land at an unauthorized airport, at an airport unsuitable for the type of aircraft flown, or to land only minutes short of destination.

2. **Instrument Meteorological Conditions:** If the failure occurs in instrument meteorological conditions, or if the flight cannot be continued under visual meteorological conditions, the pilot-in-command shall continue the flight according to the following:
   (a) **Route**
      (i) by the route assigned in the last ATC clearance received and acknowledged; or
      (ii) if being radar vectored, by the direct route from the point of communications failure to the fix, route, or airway specified in the vector clearance; or
      (iii) in the absence of an assigned route, by the route that ATC has advised may be expected in a further clearance; or
      (iv) in the absence of an assigned route or a route that ATC has advised may be expected in a further clearance, by the route filed in the flight plan.
   (b) **Altitude**
      At the HIGHEST of the following altitude or flight levels for the ROUTE SEGMENT BEING FLOWN:
      (i) the altitude(s) or flight level(s) assigned in the last ATC clearance received, and acknowledged; or
      (ii) STAR charted altitude(s) or flight level(s); or
      (iii) the minimum IFR altitude (see TC AIM, RAC for definition); or
      (iv) the altitude or flight level ATC has advised may be expected in a further clearance. (The pilot shall commence climb to this altitude/FL at the time or point specified by ATC to expect further clearance/altitude change.)

TWO WAY COMMUNICATIONS FAILURE (Cont'd)

Note 1: The intent of the above is that an aircraft which has experienced communications failure will, during any segment of a flight, be flown at an altitude that provides the required obstacle clearance.

Note 2: If the failure occurs while being vectored at a radar vectoring altitude which is lower than a published IFR altitude, then the pilot shall immediately climb to and maintain the appropriate minimum IFR altitude until arrival at the fix, route or airway specified in the clearance.

(c) Descent for Approach

(i) Route includes a STAR procedure

1. Maintain the appropriate altitude described in paragraph b. "Altitude"; and
2. Follow the transition for the arrival runway:
   - ATC has advised may be expected; or
   - Advertised on the ATIS;

Conventional STAR

Follow the lateral path of the procedure up to where radar vectors are depicted to commence; then execute a straight-in approach.

Closed PBN STAR

Follow the lateral path of the procedure and execute a straight-in approach.

Open PBN STAR

With DTW & FACF	1. Follow the lateral path of the procedure up to the DTW; then 2. Proceed direct the FACF and execute a straight-in approach; **or** 1. Follow the lateral path of the procedure up to where radar vectors are depicted to commence; then 2. Execute a straight-in approach.
Without DTW & FACF	1. Follow the lateral path of the procedure up to the waypoint interfacing with an RNAV (RNP) or RNAV (GNSS) or ILS approach; then 2. Execute a straight-in approach; **or** 1. Follow the lateral path of the procedure up to where radar vectors are depicted to commence; then 2. Execute a straight-in approach.

TWO WAY COMMUNICATIONS FAILURE (Cont'd)

(ii) Route does not include a STAR procedure

Maintain enroute altitude to the navigation facility or the approach fix to be used for the instrument approach procedure selected and commence an appropriate descent procedure at whichever of the following times is the most recent:

1. the expected time of arrival (ETA as calculated from take-off time plus the filed or amended (with ATC) estimated time enroute);
2. the estimated time of arrival last notified to and acknowledged by ATC; or
3. the expected approach time (EAT) last received and acknowledged

If failure occurs after receiving and acknowledging a holding instruction, hold as directed and commence an instrument approach at the expected approach time or expected further clearance time, whichever has been issued.

NOTE: If the holding fix is not a fix from which an approach begins, leave the fix at the expected further clearance time if one has been received, or, if none has been received, upon arrival over the clearance limit, and proceed to a fix from which an approach begins. Commence descent and/or approach as close as possible to the estimated time of arrival as calculated from the filed estimated time enroute or as amended with ATC.

For flights to the United States, communication failure procedures are essentially the same, but it is the pilots responsibility to consult the appropriate American publications.

Some instrument procedures do not include a procedure turn but include a statement, "RADAR REQUIRED", as part of the procedure. The initial approach segment of these instrument procedures is being provided by ATC radar vectors. Without ATC radar vectoring, the instrument procedure may not have a published initial approach segment.

(iii) the expected approach time (EAT) last received and acknowledged

If failure occurs after receiving and acknowledging a holding instruction, hold as directed and commence an instrument approach at the expected approach time or expected further clearance time, whichever has been issued.

Note 1: If the holding fix is not a fix from which an approach begins, leave the fix at the expected further clearance time if one has been received, or, if none has been received, upon arrival over the clearance limit, and proceed to a fix from which an approach begins. Commence descent and/or approach as close as possible to the estimated time of arrival as calculated from the filed estimated time enroute or as amended with ATC.

Note 2: If cleared for a conventional or RNAV STAR, maintain the appropriate altitude described in paragraph b. "Altitude" and proceed to the final approach fix via:

(a) the published routing; or

(b) the published routing to the segment where radar vectors are depicted to commence, then direct to the facility or fix serving the runway advertised on the ATIS or specified in the ATC clearance, for a straight-in approach, if able, or to conduct the full procedure if one is published.

(c) for a closed RNAV STAR, by flying the arrival as published, including any vertical and/or speed requirements depicted in the procedure, and intercepting the final approach course for a *straight-in approach*; or

(d) for an open RNAV STAR, by flying the arrival as published, including any vertical and/or speed requirements depicted in the procedure. The pilot is expected to delete the heading leg at the downwind termination waypoint (DTW), to initiate an auto-turn at the DTW to the final approach course fix (FACF) and to intercept the final approach course for a *straight-in approach*.

For flights to the United States, communication failure procedures are essentially the same, but it is the pilots responsibility to consult the appropriate American publications.

Some instrument procedures do not include a procedure turn but include a statement, "RADAR REQUIRED", as part of the procedure. The initial approach segment of these instrument procedures is being provided by ATC radar vectors. Without ATC radar vectoring, the instrument procedure may not have a published initial approach segment.

TWO WAY COMMUNICATIONS FAILURE (Cont'd)

Should an aircraft communication failure occur while being vectored on one of these approaches, separately or as part of a STAR, the pilot is expected to comply with the communication failure procedure by selecting the transponder to MODE A/3 CODE 7600 immediately. Pilots should always be aware of the traffic situation, (i.e., ATC may have indicated that your aircraft was number two for an approach to runway 06L), and under these circumstances continue the flight along the route that normally would have been expected under radar vectoring. In some cases, this may necessitate a pilot to "dead reckon" or "DR" a route to the final approach course. It is important to other aircraft and ATC for the communication failed aircraft to continue the flight along a route that would permit the aircraft to conduct a straight-in approach and landing without unexpected manoeuvring. Pilots are expected to exercise good judgment in these cases. Unexpected manoeuvres, such as turns away from the final approach course, may cause traffic disruptions and conflicts.

If the communication failure occurs while being vectored at a radar vectoring altitude which is lower than a published IFR altitude (i.e., Minimum Sector Altitude 25 NM), the pilot shall immediately climb to and maintain the appropriate minimum IFR altitude until arrival at a fix associated with the instrument procedure.

Modern technology has introduced new onboard communications capabilities, such as airborne telephone communications. Pilots who are confronted with an aircraft communications failure may, if circumstances permit, utilize this new onboard technology to establish communications with the appropriate ATC units. NAV CANADA publishes the phone numbers of ACCs, control towers, and FSS units in the *Canada Flight Supplement*.

NORTH ATLANTIC TRAFFIC

The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations, as contained in the preceding section under "TWO WAY COMMUNICATIONS FAILURE" (pages F9 to F11). It is not possible to provide guidance for all situations associated with a communications failure.

1. General
   (a) If so equipped, the pilot of an aircraft experiencing a two-way radio communications failure shall operate the secondary radar transponder on identity (Mode A) Code 7600 and Mode C.
   (b) The pilot shall also attempt to contact any ATC facility and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.
2. Communications Failure Prior To Entering NAT Oceanic Airspace
   (a) If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed, and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point. The 'cleared oceanic flight level' is the flight level contained in the oceanic clearance.
   (b) If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. The first oceanic level and speed shall be maintained to landfall.
3. Communications Failure Prior to Exiting NAT Oceanic Airspace
   (a) If cleared on flight plan route, the pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.
   (b) If cleared on other than flight plan route, the pilot shall proceed in accordance with the last received and acknowledged oceanic clearance, including level and speed, to the last specified oceanic route point, normally landfall. After passing this point, the pilot shall conform with the relevant State procedures and regulations, rejoining the filed flight plan route by proceeding, via published ATS routes where possible, to the next significant point ahead as contained in the filed flight plan.

TWO WAY COMMUNICATIONS FAILURE (Cont'd)

(c) Pilots of re-routed westbound aircraft exiting the NAT at FL290 and above must not program the FMS with the filed Oceanic Exit Point following the cleared Oceanic Exit Point. To re-establish on flight planned route, pilots must program the FMS with the next significant point on the original flight plan beyond the filed Oceanic Exit Point. For example if flight planned CUDDY HO but re-routed AVUTI, pilots must insert HO after AVUTI as opposed to CUDDY after AVUTI. Position reports that indicate AVUTI (OEP) CUDDY (OEP) require ATC intervention whereas AVUTI HO does not.

INFORMATION SIGNALS

Fuel Status. Make drinking motion with closed hand, thumb extended toward mouth. Report estimated flying time remaining at present cruise condition, by extending fingers, each finger to indicate ten minutes, a closed hand indicating one hour. (Example: clenched fist followed by three fingers will mean one hour and a half.)

	System	Preparatory Signal	Execution Signal
(a)	Airbrakes in or out	Biting motion with hand; fingers and thumb meeting and opening alternately.	Nod of head
(b)	Flaps up or down	Hand flat - Fingers forward. Downward motion of hand from wrist to lower flaps - reverse motion to raise flaps.	Nod of head
(c)	Landing gear up or down	To signal intent to extend or retract the undercarriage, hold a closed hand forward of your head and rotate it in a circular motion in the vertical plane.	Nod of head

Note 1: Preparatory signals will be given at least twice.

Note 2: The execution signal is to be given when aircraft in formation are ready to activate the appropriate system.

Request Tower Permission to Land. Fly aircraft past the tower, if possible alongside the runway parallel to the landing direction at a height of 500 feet (150 metres) - with all available lights flashing, slowly rocking wings until the upwind end of the runway is reached. Climb and turn downwind checking for light or pyrotechnic signals from the tower or mobile control (if available). Exercise extreme caution to avoid other aircraft.

MILITARY VISUAL SIGNALS

DAY EMERGENCY:

Attention will first be attracted by rocking the wings of the aircraft laterally.

Bailing Out. One or both clenched fists pulled downwards across the face to simulate pulling the ejection blind.

Desire to Land. Movement of the hand, flat, palm downwards, from above the head forward and downwards, finishing the movement in a simulated round-out. Alternatively, lower the landing gear.

Systems Failures. The HEFOE signals are to be used only when radio contact is not possible. The pilot will clench his fist and hold it to the top of the canopy. After this signal he will show the required number of fingers to indicate which system is malfunctioning.

(a) Hydraulic - one finger;
(b) Electrical - two fingers;
(c) Fuel - three fingers;
(d) Oxygen - four fingers;
(e) Engine - five fingers;

The pilot receiving the signal will repeat it to show acknowledgment.

If either the one finger signal is received or the intercepting pilot is unable to understand the signal given, he is to assume that the aircraft in distress has one or more systems inoperative and is to proceed with extreme caution.

Radio Failure. Tap microphone or earphone and signal as appropriate.

THUMBS-UP or THUMBS-DOWN. The signals will indicate satisfaction or dissatisfaction.

MILITARY VISUAL SIGNALS (Cont'd)

NIGHT EMERGENCY:

Attention will first be attracted by switching on the landing light(s), or taxi light(s) or by other means of illumination. Because night signals will be difficult to understand only one night signal shall be used:

(a) Repeated intermittent Flashes with a flashlight. This signal indicates that the aircraft is in distress and wishes to land as soon as possible. The intercepting aircraft should assume that the aircraft in distress has one or more inoperative systems and is to proceed with extreme caution.

(b) Care should be taken not to dazzle the other pilot with the flashlight.

INTERCEPTION OF CIVIL AIRCRAFT

Interceptions are made only where the possibility is considered to exist that an unidentified aircraft may be truly hostile until definitely proven to the contrary. Intercepted aircraft should maintain a steady course and under no circumstances take retaliatory action such as shining a light on an interceptor or attempt evasive action. Retaliatory action on the part of an intercepted aircraft could be construed a hostile intent and might result in drastic consequences.

Practice interceptions are not carried out on civil aircraft

INTERCEPTION SIGNALS

The word "interception" in this context does not include intercept and escort service provided, on request, to an aircraft in distress, in accordance with the ICAO Search and Rescue Manual (Doc. 9731).

An aircraft which is intercepted by another aircraft shall immediately:

(a) follow the instructions given by the intercepting aircraft, interpreting and responding to visual signals (see following page);

(b) notify, if possible, the appropriate air traffic services unit;

(c) attempt to establish radio communication with the intercepting aircraft or with the appropriate intercept control unit, by making a general call on the emergency frequency 121.5 MHz and repeating this call on the emergency frequency 243.0 MHz, if practicable giving the identify and position of the aircraft and the nature of the flight;

(d) if equipped with transponder select Mode A Code 7700, unless otherwise instructed by the appropriate air traffic services unit.

If any instructions received by radio from any sources conflict with those given by the intercepting aircraft by visual or radio signals, the intercepted aircraft shall request immediate clarification while continuing to comply with the instructions given by the intercepting aircraft.

SIGNALS FOR USE IN THE EVENT OF INTERCEPTION

SIGNALS INITIATED BY **INTERCEPTING** AIRCRAFT AND RESPONSES BY INTERCEPTED AIRCRAFT

SERIES	**INTERCEPTING** AIRCRAFT SIGNALS	MEANING	INTERCEPTED AIRCRAFT RESPONDS	**MEANING**
1	**DAY**-Rocking wings from a position in front and, normally, to the left of intercepted aircraft and, after acknowledgment, a slow level turn, normally to the left, on to the desired heading. Flares dispensed in immediate vicinity. **NIGHT** - Same and, in addition flashing navigational lights at irregular intervals. Flares dispensed in immediate vicinity. **NOTE 1.** Meteorological conditions or terrain may require the intercepting aircraft to take up a position in front and to the right of the intercepted aircraft and to make the subsequent turn to the right. **NOTE 2.** If the intercepted aircraft is not able to keep pace with the intercepting aircraft, the latter is expected to fly a series of race-track patterns and to rock its wings each time it passes the intercepted aircraft.	You have been intercepted Follow me.	AEROPLANES: **DAY** - Rocking wings and following. **NIGHT** - Same and, in addition flashing navigational lights at irregular intervals. HELICOPTERS: **DAY or NIGHT** - Rocking aircraft, flashing navigational lights at irregular intervals and following. **NOTE -** Additional action by intercepted aircraft is prescribed on preceding page in para "INTERCEPTION SIGNALS"	Understood, will comply.
2	**DAY or NIGHT -** An abrupt breakaway manoeuvre from the intercepted aircraft consisting of a climbing turn of 90 degrees or more without crossing the line of flight of the intercepted aircraft.	You may proceed.	AEROPLANES: **DAY** or **NIGHT** - Rocking wings. HELICOPTERS: **DAY** or **NIGHT** - Rocking aircraft.	Understood, will comply.
3	**DAY** - Circling aerodrome, lowering landing gear and overflying runway in direction of landing or, if the intercepted aircraft is a helicopter, overflying the helicopter landing area. **NIGHT** - Same and, in addition, showing steady landing lights.	Land at this aerodrome.	AEROPLANES: **DAY -**Lowering landing gear, following the intercepting aircraft and, if after overflying the runway landing is considered safe, proceeding to land. **NIGHT-**Same and, in addition showing steady landing lights (if carried). HELICOPTERS: **DAY** or **NIGHT** - Following the intercepting aircraft and proceeding to land, showing a steady landing light (if carried).	Understood, will comply.

SIGNALS FOR USE IN THE EVENT OF INTERCEPTION

SIGNALS INITIATED BY **INTERCEPTED** AIRCRAFT AND RESPONSES BY INTERCEPTING AIRCRAFT

SERIES	**INTERCEPTED** AIRCRAFT SIGNALS	MEANING	INTERCEPTING AIRCRAFT RESPONDS	**MEANING**
4	**AEROPLANES:** **DAY** - Raising landing gear while passing over landing runway at a height exceeding 300m (1000 ft) but not exceeding 600m (2000 ft) above the aerodrome level, and continuing to circle the aerodrome. **NIGHT** - Flashing landing lights while passing over landing runway at a height exceeding 300m (1000 ft) but not exceeding 600m (2000 ft) above the aerodrome level, and continuing to circle the aerodrome. If unable to flash landing lights, flash any other lights available.	Aerodrome you have designated is inadequate	**DAY or NIGHT -** If it is desired that the intercepted aircraft follow the intercepting aircraft to an alternate aerodrome, the intercepting aircraft raises its landing gear and uses the Series 1 signals prescribed for intercepting aircraft. If it is decided to release the intercepted aircraft, the intercepting aircraft uses the Series 2 signals prescribed for intercepting aircraft.	Understood Follow me. Understood you may proceed.
5	**AEROPLANES:** **DAY or NIGHT -** Regular switching on and off of all available lights but in such a manner as to be distinct from flashing lights.	Cannot comply.	**DAY or NIGHT -** Use Series 2 signals prescribed for intercepting aircraft.	Understood.
6	**AEROPLANES:** **DAY or NIGHT -** Irregular flashing of all available lights. HELICOPTERS: **DAY or NIGHT -** Irregular flashing of all available lights.	In distress	**DAY or NIGHT -** Use Series 2 signals prescribed for intercepting aircraft.	Understood.

EMERGENCY SECURITY CONTROL OF AIR TRAFFIC (ESCAT) PLAN

In Canadian airspace, the ESCAT Plan provides security control of civil and military air traffic to ensure effective use of airspace when an air defence emergency or any situation involving aerial activities that threatens national security or vital Canadian interests is declared by the appropriate authority. The Plan outline highlights responsibilities, procedures, and instructions for the security control of civil and military air traffic with respect to diversion, landing, grounding and dispersal. It was developed in coordination with the DND, Transport Canada, and NAV CANADA.

The Commander, Canadian NORAD Region (CANR), is responsible for testing and implementing the ESCAT Plan. When the ESCAT Plan is implemented or tested, the appropriate NAV CANADA ACCs (through ATS units), under the direction of the Canadian Forces Integrated Command Centre (CFICC), will take actions to broadcast instructions through civil and military ATS units as necessary.

Testing

To ensure effectiveness of communications during implementation of the ESCAT Plan, periodic tests may be conducted without any prior notice.

The test message will read as follows:

"ATTENTION-THIS IS AN ESCAT TEST. I SAY AGAIN, THIS IS AN ESCAT TEST."

As these tests are considered essential to national security, co-operation of all pilots and agencies is necessary.

Implementation

In an emergency situation, the appropriate NAV CANADA ACC (through their respective ATS units), under directions of the Commander, CANR, will broadcast the following message:

"ATTENTION ALL AIRCRAFT-AIR DEFENCE EMERGENCY-ALL AIRCRAFT WILL COMPLY WITH THE PROCEDURES FOR THE EMERGENCY SECURITY CONTROL OF AIR TRAFFIC. VFR TRAFFIC ON THIS FREQUENCY MUST LAND AT THE NEAREST SUITABLE AIRFIELD AND FILE AN IFR OR DVFR FLIGHT PLAN."

In accordance with CAR 602.146, the pilot-in-command of an aircraft that is notified by an ATS unit of the implementation of the ESCAT Plan shall

(a) before take-off, obtain approval for the flight from the appropriate ATC unit or FSS;
(b) comply with any instruction to land or to change course or altitude that is received from the appropriate ATC unit or FSS; and
(c) provide the appropriate ATC unit or FSS with position reports
    (i) when operating within controlled airspace, as required under CAR 602.125; and
    (ii) when operating outside controlled airspace, at least every 30 min.

ESCAT PHASES

ESCAT may be executed in phases to facilitate a smooth transition from normal peacetime air traffic identification and control procedures to the more restrictive identification and control procedures that accompany the full implementation of ESCAT. When ESCAT has been implemented, the movement of civil and military aircraft is governed by the implementation of an ESCAT Air Traffic Priority List (EATPL) and/or a Security Control Authorization (SCA).

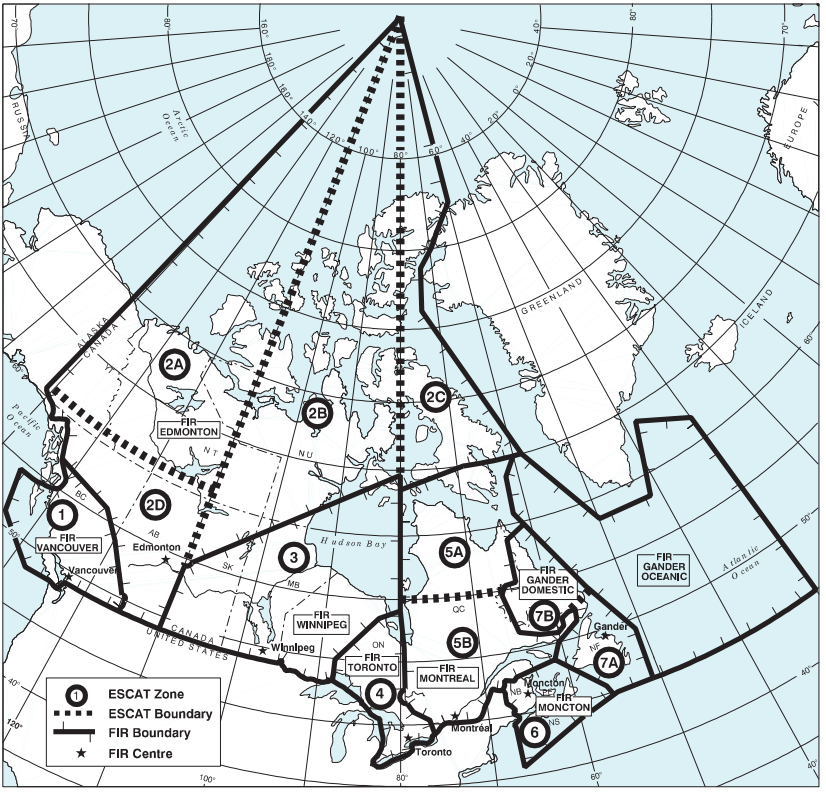
There are two phases in the implementation process.

1. *Phase One*: Requires all aircraft in designated areas to file IFR/DVFR flight plans in accordance with CAR 602.76(1) and (2), CAR 602.145, this Plan and the established procedures detailed in the GPH 205 Canada Flight Supplement.
2. *Phase Two:* The Commander CANR restricts aircraft movement within designated areas through implementation of the ESCAT Air Traffic Priority List (EATPL) and Security Control Authorization (SCA) process.

Note: EATPL and SCA approval request procedures will be promulgated by NOTAM.

ESCAT ZONES

For the purpose of implementing ESCAT, Canadian airspace has been divided into seven zones. These zones may be activated by one or more zones or portions of zones.



Note: Coordinates for ESCAT Zones are published in the Designated Airspace Handbook (TP1820)

Termination

The appropriate NAV CANADA ACC (through their respective ATS units), will broadcast the following message:

"ATTENTION ALL AIRCRAFT-EMERGENCY SECURITY CONTROL OF AIR TRAFFIC HAS BEEN TERMINATED. ROUTINE AIRSPACE PROCEDURES ARE NOW IN EFFECT."

For information about ESCAT, please contact Transport Canada Aviation Operations (AVOPS) at 1-877-992-6853 or 613-992-6853 or NAV CANADA National Operations Centre: 1-866-651-9053.

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