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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.

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.

#### Data change request submission deadline:

The CWAS is updated once annually. To ensure the accuracy of published information, change requests should be submitted well in advance of the publication date.

All data changes for the March 21, 2024 edition of the CWAS must be submitted to aisdata@navcanada.ca before December 1st, 2023.

This advance notice is particularly important for the addition of new water aerodromes. Pursuant to Transport Canada Advisory Circular (AC) No. 301-002, users are reminded that submissions for new aerodromes must be first sent to the applicable Transport Canada Civil Aviation regional office for assessment.

## **GENERAL SECTION**

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#### **PREFACE**

The Canada Water Aerodrome Supplement (CWAS) is a civil aeronautical information document. It is published and produced by NAV CANADA's Aeronautical Information Services and distributed by NAV CANADA's Aeronautical Publication Sales and Distribution Unit. It contains information on known water aerodromes and is to be used as a reference for the planning and safe conduct of air operations.

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. Because the CWAS is published annually, pilots should consult a current Canada Flight Supplement (CFS) to ensure that they are aware of all aeronautical information that may impact on their flight.

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

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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

#### 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:

NAV CANADA Customer and Stakeholder Services

Tel: 1-800-876-4693 (within North America)

E-mail: service@navcanada.ca

Regular hours of operation: 0800-1800 (EST/EDT)

## **CHANGE OF ADDRESS (CIVIL PILOTS)**

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.



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#### **PROCUREMENT**

CIVIL

Individual purchases

Individual copies of the Canada Water Aerodrome 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.

Subscription

Subscription to the Canada Water Aerodrome Supplement is available through:

NAV CANADA Aeronautical Publications Sales & Distribution Unit P.O. Box 9840 Station T Ottawa ON Canada K1G 6S8

Tel (toll free): 1-866-731-PUBS (7827) E-mail: aeropubs@navcanada.ca

www.navcanada.ca (see Aeronautical Products)

Price: \$45.00 for one issue 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&SS/ASO via intranet e-mail at: +ASO@CDI MCE@OTTAWA-HULL or internet e-mail at: ASO@forces.gc.ca or by telephone at 613-248-4129/4130/4117.

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## ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS			
	REVIATIONS AND ACRONYMS		IATIONS AND ACRONYMS (Cont'd)
AAE	- Above Aerodrome Elevation	ASDA	- Accelerate Stop Distance
AB	- Alberta		Available
Ab Initio	- elementary	ASDE	- Airport Surface Detection
abm	- Abeam	A C I	Equipment
abn	- aerodrome beacon (rotating	ASL	- Above Sea Level
	unless annotated)	ASPH ASR	asphalt
abv	- above		- Airport Surveillance Radar
ACA	- Arctic Control Area	assn	- association
ACC	- Area Control Centre	ATB ATC	<ul> <li>Airport Terminal Building</li> <li>Air Traffic Control</li> </ul>
acft	- aircraft		
ACN	- Aircraft Classification Number	ATF	Aerodrome Traffic Frequency     Automatic Terminal Information
A/D	- Aerodrome	ATIS	- Automatic Terminal Information Service
ADCUS	- Advise Customs	ATS	- Air Traffic Services
addn	- addition, additional	attn	- attention
ADF	- Automatic Direction Finding	AU	- Approach Unicom
ADIZ	- Air Defence Identification Zone		- Approach officern
adj	- adjacent	Aug auth	- August - authorized
ADS-B	- Automatic Dependent Surveillance	AUW	- All Up Weight
400.0	- Broadcast	AVASIS	- All Op Weight - Abbreviated Visual Approach
ADS-C	<ul> <li>- Automatic Dependent Surveillance</li> <li>- Contract</li> </ul>		Slope Indicator System
advs	- advised, advise	avbl	- available
advsy	- advisory	Avn	- Aviation
AFB	- Air Force Base	AWOS	- Automated Weather Observation
A/G	- Air/Ground		System
AGL	- Above Ground Level	awy	- airway - azimuth
AIP	- Aeronautical Information	az	- azımutn - British Columbia
	Publication	BC	
alt	- altitude	BC	- Back Course - beacon
altn	- alternate	bcn	
AMSCR	- Aircraft Movement Surface	bcst	- broadcast
A N 41 1	Condition Report	bdry	- boundary
AMU	- Air Movements Unit	Bil	- Bilingual
AOE APAPI	- Airport of Entry	bldg	- building
APAPI	Abbreviated Precision Approach     Path Indicator	blkd	- blocked - below
apch	- approach	BLW BM	- Back Marker
APM	- Airport Manager	BPOC	
appr	- approval, approve		- Before proceeding on course
Apr	- April	brg btwn	- bearing - between
aprt	- airport	CAE	- Control Area Extension
aprx	- approximate(ly)	CAE	- Control Area Extension - Canada Air Pilot
ARAF	- Air Reserve Air Force	CAP	- Canadian Aviation Regulation
ARCAL	- Air Reserve Air Force		· ·
	Aerodrome Lighting	CARS	- Community Aerodrome Radio Station
ARFF	- Aircraft Rescue and Fire-Fighting	CATI	- Category I
arng	- arrangement, arrange	CAT II	- Category II
ARP	- Aerodrome Reference Point	CCTV	- Closed Circuit Television
arr	- arrive, arrival	CCW	- counter-clockwise
ARTCC	<ul> <li>Air Route Traffic Control Centre (USA)</li> </ul>	CDA CDF	<ul> <li>Canadian Domestic Airspace</li> <li>Central De-Icing Facility</li> </ul>
			,

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Cdn         - Canadian ceiling         displ         - displaced cent           cert         - certificate/certified         dist         - distance           cert         - Certificate/certified         diy         - daily           CF         - Canadian Forces         DME         - Distance Measuring Equipment of National Defence CFB           CFB         - Canadian Forces Base         DND         - Department of National Defence Communications Outlet           CFS         - Canada Flight Supplement         DSN         - Defence Switched Network outlet           ch, chan         - channel         DTW         - Downwind Termination Waypoint           civ         - divilian         DUAT         - Diverce User Access Terminal           ck         - checked, check         dur         - Defence Visual Flight Rules           clsd         - closed         DWFR         - Defence Wide Area Network           CMNPS         - Canadian Minimum Navigation         E         - East           comm         - commission         EET         - Expected Approach Time           comm         - commission         EET         - Estimated Elapsed Time           CON         - contract fuel         EFC         - Expected Further Clearance Time           const         - contract<	ABBREVIA	ATIONS AND ACRONYMS (Cont'd)	ABBREVI	ATIONS AND ACRONYMS (Cont'd)
cert - certificate/certified	Cdn	- Canadian	displ	- displaced
CFA         - Canadian Forces         DME         - Distance Measuring Equipment           CFA         - Common Frequency Area         DND         - Department of National Defence           CFB         - Canadian Forces Station         DRC         - Dial-up Remote Communications           CFS         - Canadian Forces Station         DSN         - Defence Switched Network           ch, chan         - channel         DT         - Daylight Saving Time           chg         - change         DTW         - Downwind Termination Waypoint           civ         - civilian         DUAT         - Direct User Access Terminal           ck         - checked, check         dur         - Direct User Access Terminal           ck         - checked, check         dur         - Direct User Access Terminal           ck         - checked, check         dur         - Defence Visual Flight Rules           clsd         - Closed         DWAN         - Defence Vide Area Network           CMNPS         - Canadian Minimum Navigation         E         - East           comm         - communication         EC         - East           comm         - communication         EET         - Estimated Elapsed Time           CON         - Contract fuel         EFC         -	ceil	- ceiling	dist	- distance
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direc - directional FLIP - Flight Information Publication				
	direc	- directional	FLIP	- Flight Information Publication

ABBREVIA	ATIONS AND ACRONYMS (Cont'd)	ABBREVIA	ATIONS AND ACRONYMS (Cont'd)
flt	- flight	ID	- Idaho, USA
Flt Pln	- Flight Plan	ident	- identification
FM	- Frequency Modulation	IFF	- Identification Friend or Foe
FOD	- Foreign Object Damage	IFR	- Instrument Flight Rules
freq	- frequency	IFSS	- International Flight Service Station
fr	- from	ILS	- Instrument Landing System
 Fri	- Friday	IMC/imc	- Instrument Meteorological
	•	IIVIC/IIIIC	Conditions
FSS	- Flight Service Station	inha	- inbound
FSII	- Fuel System Icing Inhibitor	inbd	
G	- Grid	Inc	- Incorporated
gal	- gallon	INF	- Inland Navigational Fix
GCA	- Ground Controlled Approach	info	- information
GCI	- Ground Control Intercept	inop	- inoperative
Gen	- General	INS	- Inertial Navigation System
gnd	- ground	inst	- instrument
GND ADV	- Ground advisory service	intl	- international
gnd con	- ground control	ints	- intensity
GNSS	- Global Navigation Satellite System	intsv	- intensive
Govt	- Government	intxn	- intersection
GP	- Glide Path	IRU	- Inertial Reference Unit
GPI		ISA	- International Standard
	- Ground Point of Interception	IOA	Atmosphere
GRVL	- gravel	J	- High Level Airway
gr wt	- gross weight	Jan	- January
GS	- Glide Slope		•
GTOW	- Gross Take Off Weight	JASU	- Jet Acft Starting Unit
GV	- Grivation	JB	- Jet Barrier
Н	- Hour	Jul	- July
H24	- continuous operation	Jun	- June
HAA	- Height Above Aerodrome	kHz	- Kilohertz
hdlg	- handling	kph	- kilometres per hour
HAT	- Height Above TDZE	kt	- knots
hdg	- heading	kW	- Kilowatt
Heli	- Heliport, helicopter	lat	- latitude
HF	- High Frequency	LAWO	- Limited Aviation Weather
hg	- hangar		Observation
Hg	- Inches of Mercury	lb(s)	- pound(s)
	- height	Icl	- local
hgt	•	lctd	- located
hi HIAL	- high	lczr	- localizer
	- High Intensity Approach Lighting	LDA	- Landing Distance Available
HIRL	- High Intensity Runway Lights	ldg	- landing
HLA	- High Level Airspace	LF	- low frequency
hol(s)	- holiday(s)		· · ·
Hosp	- Hospital	lgt	- light or lighting
HQ	- Headquarters	lgtd	- lighted
HR	- High Level Air Route	LOC	- Localizer for Non-Precision
hr	- hour		Approach Procedures
hvy	- heavy	loc	- located, location
Hwy	- Highway	long	- longitude
-	- Integrated Aeronautical	Itd	- limited
	Information Package	lvl	- level
ICAO	- International Civil Aviation	LVOP	<ul> <li>Low Visibility Operations Plan</li> </ul>
	Organization		

ABBREVIA	ATIONS AND ACRONYMS (Cont'd)	ABBREVIA	ATIONS AND ACRONYMS (Cont'd)
LWIS	- Limited Weather Information	NB	- New Brunswick
	System	NCA	- Northern Control Area
m	- metres	ND	- North Dakota, USA
M, mag	- magnetic	NDA	- Northern Domestic Airspace
MAG VAR	- Magnetic Variation (ICAO)	NDB	- Non-Directional Beacon
maint	- maintenance	NE	- Northeast
MANOT	- Missing Aircraft Notice	ngt	- night
Mar	- March	NL	- Newfoundland & Labrador
max	- maximum	NM, nm	- nautical miles
MB	- Manitoba	NNE	- North North East
mb	- millibar	NNW	- North North West
MDA	- Minimum Descent Altitude	no	- number
Mdt/Hvy	- Moderate/Heavy	NORDO	- no radio
ME	- Maine, USA		- November
	- Medical Evacuation Flight	Nov	
MEHT	- Minimum Eye Height over	NS	- Nova Scotia
IVIETTI	Threshold	NT	- Northwest Territories
Mem	- Memorial	NTAS	- NORAD Tactical Autovon System
		ntc	- notice
met METAR	- meteorology	nu	- not usable
WEIAK	- Aerodrome Routine	NU	- Nunavut
МЕ	Meteorological Report	NVG	- Night Vision Goggles
MF	- Mandatory Frequency	NVIS	- Night Vision Imaging System
MFA	- Military Flying Area	NW	- Northwest
MFAU	- Military Flight Advisory Unit	NWS	- North Warning System
mgr	- manager	obd	- outbound
MHz	- Megahertz	OBS	- omni bearing setting
MI	- Michigan, USA	obsn(s)	- observation(s)
mic	- microphone	obst	- obstruction
mil	- military	OC	- Obstacle Chart
min	- minimum	OCA	- Oceanic Control Area
min	- minute of time	OCC	- Obstacle Clearance Circle
misd	- missed	ocsl	- occasional
MN	- Minnesota, USA	Oct	- October
MNPS	- Minimum Navigation Performance	ODALS	- Omni-directional approach lighting
MND	Specifications	02/120	system
MNR	- Ministry of Natural Resources	ON	- Ontario
Mon	- Monday	opr	- operate, operates, operator
MOA	- Military Operations Area	oprg	- operating
MOCA	- Minimum Obstruction Clearance	ops	- operations
	Altitude	O/R	- on request
msg	- message	O/S	- out of service
MSL	- Mean Sea Level	O/T	- other times
MTCA	- Military Terminal Control Area	PAL	- Peripheral Station
mtns	- mountains	PAPI	- Precision Approach Path Indicator
muni	- municipal, municipality	PAR	- Precision Approach Radar
MVA	- Minimum vectoring altitude	pax	- passenger
N	- North, northern latitude	PCN	- Pavement Classification Number
N/A	- Not Applicable		(ICAO)
NAT	- North Atlantic	PCT	- percent
NATO	- North Atlantic Treaty Organization	PE	- Prince Edward Island
nav	- navigation	perm	- permanent
NAVAID	- Navigational Aid	perms	- permission
		F 56	F

ABBREVIA	TIONS AND ACRONYMS (Cont'd)	ABBREVIA	TIONS AND ACRONYMS (Cont'd)
P-line(s)	- power line(s)	rte	- route
PLR	- Pavement Load Rating (TC)	RTF	- Radiotelephone
PMSV	- Pilot to Metro Service	ruf	- rough
PN	- prior notice required	RVOP	- Reduced Visibility Operations Plan
posn	- position	RVR	- Runway Visual Range
PPR	- prior permission required	RVSM	- Reduced Vertical Separation
prkg	- parking		Minimum
pro	- procedure	rwy	- runway
proh	- prohibited	S	- South, southern latitude
psi	- pounds per square inch	SAR	- Search and Rescue
psp	- pierce steel planking	Sat	- Saturday
PSR	- Primary Surveillance Radar	SATCOM	- Satellite Communications
pt	- point	SATVOICE	- Satellite Voice Communications
PTC	- Pre-Taxi Clearance	SCA	- Southern Control Area
ptn	- pattern	SCON	- Contract Servicing
pub	- public	SDA	- Southern Domestic Airspace
PVT	- Private	SE	- Southeast
QC	- Quebec	seapl	- Seaplane
quad	- quadrant	sec	- second(s) of time
RAAS	- Remote Aerodrome Advisory	SELCAL	- Selective Calling System
	Service	Sep	- September
rad	- radial	sfc	- surface
RAG	- Runway arresting gear	SFL	- Sequence Flashing Lights
RATCON	- Radar Terminal Control	SID	- Standard Instrument Departure
RCAF	- Royal Canadian Air Force Flight	SIF	- Selective Identification Feature
FOM	Operations Manual	SIGMET	- Significant Meteorological Report
RCAP	- Restricted Canada Air Pilot	simul	- simultaneously
RCMP	- Royal Canadian Mounted Police	SK	- Saskatchewan
RCO	- Remote Communications Outlet	sked	- schedule
RCR	- Runway Condition Report	sm	- statute miles
rcv	- receive	SOAP	- Spectrometric Oil Analysis
rcvr	- receiver		Program
rdo	- radio	SPECI	- Aerodrome Special Meteorological
reg	- registered		Report
req	- request	sqn	- squadron
RESA	- Runway End Safety Area	SR	- sunrise
rgt	- right	SS	- sunset
RIL	- Runway Identification Lights	SSB	- Single Side Band
rlcd	- relocated	SSE	- South South East
RNAV	- Area Navigation	SSFO	- Simultaneous Single Frequency
rng	- range		Outlets
RNP	- Required Navigation Performance	SSR	- Secondary Surveillance Radar
RNPC	- Required Navigation Performance	SSW	- South South West
	Capability (Airspace)	STAR	- Standard Terminal Arrival Route
RON	- Remain Overnight	std	- standard
RONLY	- Receiver Only	stn	- station
RPAS	- Remotely Piloted Aircraft System	stor	- storage
rpt	- report	stu	- student
rqrd	- required	sum	- summer
RR	- Retro-Reflective markers	Sun	- Sunday
RSC	- Runway Surface Condition	sur	- surround
rstd	- restricted	svc(s)	- service(s)

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ABBREVIATIONS AND ACRONYMS	(Cont'd)	ABBREVIATIONS AND ACRONYMS (	(Cont'd)
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svcbl - serviceable - servicina svcg SW - Southwest swy - Stopway - Transmits only т Т - 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 TD7 - Touchdown Zone

- Touchdown Zone Elevation **TDZE** TDZL - Touchdown Zone Lighting

Tel - Telephone tfc. - traffic thru - through Thu - Thursday thld - threshold - until - Take Off tkof

TI OF - Touch Down and Lift Off Area

tml - terminal - training tna

- Take Off Distance Available TODA TORA - Take Off Run Available

- transient tran trans - transmit Tue - Tuesday

TWR/twr - Control Tower/tower

twv - taxiwav

**UDF** - UHF Direction Finder UHF - Ultra High Frequency

unavbl - unavailable

UNICOM - Private Advisory Station located at

uncontrolled aerodrome

unkn - unknown unlatd - unlighted - unlimited unltd unrel - unreliable unsked - unscheduled u/s - unserviceable

USA - United States of America - United States Air Force **USAF** USB - Upper Side Band USN - United States Navy

UTC - Coordinated Universal Time VAGS - Visual Alignment Guidance System (a system of azimuth guidance for approach)

 variation var

- Visual Approach Slope Indicator **VASIS** 

System

VCS - Vehicle Control Service VDF - VHF Direction Finder - Visual Flight Rules **VFR VGM** - Voice generator module VGSI - Visual Glide Slope Indicator VHF - Very High Frequency

- vicinity vic

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 - VFR Terminal Area Chart VTA - VFR Terminal Procedures Chart

W - West

**VTPC** 

WA - Washington, USA Wed - Wednesday

Wg - Wina

WI - Wind direction indicator

- winter win - week wk(s) wkd - weekday wkly - weekly wknds - weekends wna - warning WNW - West North West

WP - Way Point WSW - West South West

- weight wt - weather ymen - transmission ΥT - Yukon Territory

Z - Coordinated Universal Time, Zulu

Time

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## 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			
	VIATIONS AND ACRONYMS D IN CANADIAN NOTAM		CANADIAN NOTAM (Cont'd)
ABN	- Aerodrome beacon	BCN	<ul> <li>Beacon (aeronautical ground light)</li> </ul>
ABV	- Above	BCST	- Broadcast
ACC	- Area Control Centre or area	BFR	- Before
	control	BLDG	- Building
ACFT	- Aircraft	BLW	- Below
ACT	- Active or activated or activity	BRKG	- Braking
AD	- Aerodrome	BTN	- Between
ADDN	- Additional	С	- Centre (preceded by runway
ADIZ	- Air defence identification zone		designation number to identify a
ADJ	- Adjacent		parallel runway)
ADS-B	- Automatic dependent	С	- Degrees Celsius (Centigrade)
400.0	surveillance - broadcast	CAT	- Category
ADS-C	Automatic Dependent     Surveillance - Contract	CH	- Channel
ADZ	- Advise	CHEM	- Chemical solution or ice control
AFT	- Advise - After (time or place)		chemical
AGL	- Above ground level	CL	- Centreline
AGL	- Aeronautical Information	CLR	- Clear(s) or cleared to or
AIC	Circular		clearance
AIP	- Aeronautical Information	CLRD	- Cleared (Runway cleared - as
7 (1)	Publication		used in SNOWiz)
ALS	- Approach lighting system	CLSD	- Close or closed or closing
ALT	- Altitude	CNL	- Cancelled
AMDT	- Amendment (AIP Amendment)	COM	- Communications
AMSL	- Above mean sea level	COND	- Condition
AP	- Airport	CONST	- Construction or constructed
APAPI	Abbreviated precision approach path indicator	CPDLC	- Controller-pilot data link communications
APCH	- Approach	CRFI	- Canadian runway friction index
APN	- Apron	СТА	- Control area
APR	- April	CTC	- Contact
APRX	- Approximate or approximately	CTCSS	- Continuous Tone Coded
ARR	- Arrive or arrival	CTL	Squelch System - Control
ASDA	- Accelerate stop distance	CUST	- Customs
	available	CYA	
ATC	- Air traffic control (in general)	CTA	<ul> <li>Canadian Class F airspace, advisory area</li> </ul>
ATFM	- Air traffic flow management	CYD	- Canadian Class F airspace,
ATIS	- Automatic terminal information	0.15	danger area
	service	CYR	- Canadian Class F airspace,
ATS	- Air traffic services		restricted area
AUG	- August	DA	- Decision altitude
AUTH	- Authorized or authorization	DEC	- December
AVBL	- Available or availability	DEG	- Degrees
AVGAS	- Aviation gasoline	DEP	- Depart or departure
AWY	- Airway	DEST	- Destination
AZM	- Azimuth	DH	- Decision height
		DIST	- Distance

	/IATIONS AND ACRONYMS CANADIAN NOTAM (Cont'd)		VIATIONS AND ACRONYMS CANADIAN NOTAM (Cont'd)
DLA	- Delay or delayed	H24	- Continuous day and night
DME	- Distance measuring equipment		service
DOM	- Domestic	HAPI	- Helicopter approach path
DRG	- During		indicator
DTHR	- Displaced runway threshold	HBN	- Hazard beacon
E	- East or eastern longitude	HDG	- Heading
EMERG	- Emergency	HEL	- Helicopter
ENE	- East-north-east	HELI	- Heliport (following heliport name in NOTAM text for
ENR	- En route		heliport with an alpha-numeric
EQPT	- Equipment		location indicator)
ESE	- East-south-east	HGT	- Height or height above
EST	- Estimated (following date-time	HOL	- Holiday
	group)	HR	- Hours
ETA	- Estimated time of arrival or	HYDRO	- Water aerodrome (following
ETD	estimating arrival - Estimated time of departure or	HIDRO	aerodrome name in French
210	estimating departure		NOTAM text for water aerodrome with an alpha-
EXC	- Except		numeric location indicator)
EXER	- Exercises or exercising or to	IAF	- Initial approach fix
	exercise	ID	- identify or identifier
EXP	- Expect or expected or	IDENT	- identification
	expecting	IFR	- Instrument flight rules
FAC	- Facilities	ILS	- Instrument landing system
FAF	- Final approach fix	IMC	- Instrument meteorological
FATO	- Final approach and take off area		condition
FAX	- Facsimile transmission	IN	- Inch or inches (dimensional
FCST	- Forecast		unit)
FEB	- February	INFO	- Information
FIC	- Flight Information Centre	INSTR	- Instrument
FIR	- Flight information region	INT	- Intersection
FL	- Flight level	INTL	- International
FLR	- Flares	INTST	- Intensity
FLT	- Flight	JAN	- January
FLW	- Follow(s) or following	JUL	- July
FM	- From	JUN	- June
FMS	- Flight management system	KG	- Kilograms
FPM	- Feet per minute	KT	- Knots
FREQ	- Frequency	L	- Left (preceded by runway
FRI	' '		designation number when
	- Friday		identifying a parallel runway)
FSS	- Flight Service Station	LDA	- Landing distance available
FT	- Foot or feet (dimensional unit)	LDG	- Landing
GLD	- Glider	LGT	- Light(s) or lighting
GND	- Ground	LGTD	- Lighted
GNSS	- Global navigation satellite	LNAV	- Lateral Navigation
CD	system	LOC	- localizer
GP	- Glide path	LPV	- Localizer Performance with
GPS	- Global positioning system		Vertical guidance
GRF	- Global Reporting Format	LTD	- Limited
GRVL	- Gravel	LVL	- Level
		MAG	- Magnetic

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	VIATIONS AND ACRONYMS CANADIAN NOTAM (Cont'd)		EVIATIONS AND ACRONYMS I CANADIAN NOTAM (Cont'd)
MAINT	- Maintenance	PPR	- Prior permission required
MAR	- March	PRKG	- Parking
MAX	- Maximum	PROC	- Procedure
MDA	- Minimum descent altitude	PSR	- Primary surveillance radar
MEA	- Minimum Enroute Altitude	PWR	- Power
MEDEVAC	- Medical Evacuation	QUAD	- Quadrant
MEHT	Minimum Eye Height over Threshold (for visual approach slope indicator systems)	R	<ul> <li>Right (preceded by runway designation number when identifying a parallel runway)</li> </ul>
MET	- Meteorological or meteorology	RAG	- Runway arresting gear
METAR	Aerodrome routine     meteorological report	RAIM	- Receiver autonomous integrity monitoring
MIL	- Military	RCL	- Runway centre line
MIN	- Minutes	RCLL	- Runway centre line light(s)
MNPS	- Minimum Navigation	RDL	- Radial
	Performance Specifications	RDO	- Radio
MOC	- Minimum obstacle clearance	REC	- Receive or receiver
	(required)	REDL	- Runway edge light(s)
MOCA	Minimum obstacle clearance	REF	- Reference to or refer to
	altitude	RENL	- Runway end light(s)
MON	- Monday	RMK	- Remark
MSA	- Minimum sector altitude	RNAV	- Area Navigation
MSG	- Message	RNP	- Required navigation
N	- North or northern latitude	TAIN	performance
NAT	- North Atlantic	RSC	- Runway surface condition
NAV	- Navigation	RSR	- Enroute Surveillance Radar
NAVAID	- Navigation aid	RTE	- Route
NDB	- Non-directional radio beacon	RTHL	- Runway threshold light(s)
NE	- North-east	RTZL	- Runway touchdown zone
NGT	- Night		light(s)
NM	- Nautical miles	RVR	- Runway visual range
NNE	- North-north-east	RVSM	- Reduced vertical separation
NNW NOV	- North-north-west - November		minimum (1000 ft between FL290 and FL410)
NPA	- Non-precision approach	RWY	- Runway
NR	- Not Reported	RWYCC	- Runway Condition Code
NW	- North-west	S	- South or southern latitude
OBS	- Observe(d) or observation	SAR	- Search and rescue
OBST	- Obstacle or obstruction	SAT	- Saturday
OCA	- Oceanic control area	SDBY	- Stand by
OCT	- October	SE.	- South-east
OPN	- Open or opening or opened	SEP	- September
OPR	Operator or operate or	SFC	- Surface
OFIX	operative or operating or	SID	- Standard instrument departure
	operational	SKED	- Schedule or scheduled
OPS	- Operations	SR	- Sunrise
PAPI	- Precision approach path	SS	- Sunset
	indicator	SSE	- South-south-east
PAR	- Precision approach radar	SSR	- Secondary Surveillance Radar
PCT	- Percent	SSW	- South-south-west
PERM	- Permanent	STAR	- Standard instrument arrival
PN	- Prior notice required		

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

SUN - Sunday

SUP - Supplement (AIP Supplement) SVC - Service message or service

SVCBL - Serviceable SW - South-west SWX - Space Weather **SWXC** - Space Weather Centre

TACAN - Tactical air navigation aid TAF - Aerodrome forecast TALPA - Takeoff and Landing Performance Assessment

TAR - Terminal Area Surveillance

Radar

TCH - Threshold crossing height

TD7 - Touchdown zone TEL - Telephone

**TEMPO** - Temporary or temporarily

**TFC** - Traffic THR - Threshold THRU - Through - Thursday THU

**TKOF** 

TI OF - Touchdown and lift-off area TODA - Take-off distance available TORA - Take-off run available **TRANS** - Transmits or transmitter

- Take-off

TUE - Tuesday

TWR - Aerodrome Control Tower or

aerodrome control

TWY - Taxiwav

**UDF** - Ultra high frequency direction-

finding station

UNL - Unlimited UNRFI - Unreliable U/S - Unserviceable VAR - Magnetic variation

VASIS - Visual approach slope indicator system

- Vicinity

VCY

VDF - Very high frequency direction-

finding station

VFR - Visual flight rules

VIS - Visibility

- Visual meteorological VMC

conditions

VNAV - Vertical Navigation VOR - Very high frequency

omnidirectional radio range

**VORTAC** - VOR and TACAN combination ۱۸/ - West or western longitude WAAS

- Wide area augmentation

system

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

- Water aerodrome (following WATER

aerodrome name in NOTAM text for water aerodrome with an alpha-numeric location

indicator)

WDI - Wind direction indicator

WFD - Wednesday WIP - Work in Progress WNW - West-north-west wsw - West-south-west WX - Weather

7 - Co-ordinated Universal Time

## **OPERATOR'S ADDRESSES**

### MNRO

- Ministry of Natural Resources 475 Airport Rd RR1 Box 2 Sault Ste Marie ON P6A5K6 Tel: 705-779-2149
- Hyack Air (1981) Ltd. Box 47 Port Coquitlam BC V3C3V5 Tel: 604-944-2556
   Seaplane terminal 1234 Wharf Street Victoria BC V8W3H9 Tel: 250-384-2411
- Georgian Bay Airway Ltd 11A Bay Street Parry Sound ON P2A1S4
   Tel: 705-774-9884
- Harbour Air 4760 Inglis Drive Richmone BC V7B1W4 Tel: 800-665-0212
- North Pacific Seaplanes Box 99 Prince Rupert BC V8J3P4 Tel: 800-689-4234
- Air Nootka Box 19 Gold River BC V0P1G0 Tel: 604-934-6341

#### **CANADIAN PORT AUTHORITIES**

Prior permission and information on restrictions affecting the following ports may be obtained from the following addresses:

- BELLEDUNE PORT AUTHORITY- 112 Shannon Drive Belledune, New Brunswick, E8G 2W2 Tel: 506-522-1200 Fax: 506-522-0803 <a href="mailto:info@portofbelledune.ca">info@portofbelledune.ca</a>
- HALIFAX PORT AUTHORITY P.O. Box 336 Halifax, Nova Scotia, B3J 2P6 Tel: 902-426-8222 Fax: 902-426-7335 <a href="https://www.portofhalifax.ca">www.portofhalifax.ca</a>
- HAMILTON PORT AUTHORITY 605 James St North 6th Floor Hamilton, Ontario, L8L 1K1 Tel: 800-263-2131 <a href="www.hamiltonport.ca">www.hamiltonport.ca</a>
- MONTREAL PORT AUTHORITY Port of Montreal Building 2100 Pierre-Dupuy Avenue, Wing 1 Montreal, Québec, H3C 3R5 Tel: 514-283-7011 Fax: 514-283-0829 www.port-montreal.com
- NANAIMO PORT AUTHORITY PO Box 131, Nanaimo, BC, V9R 5K4 Tel: 250-753-4146 Fax: 250-753-4899 <a href="mailto:info@npa.ca">info@npa.ca</a>
- OSHAWA PORT AUTHORITY 1050 Farewell Street Oshawa, Ontario, L1H 6N6 Tel: 905-576-0400 Fax: 905-576-5701 info@oshawaportauthority.com
- PORT ALBERNI PORT AUTHORITY 2750 Harbour Rd. Port Alberni, British Columbia, V9Y 7X2 Tel: 250-723-5312 Fax: 250-723-1114 portalberniportauthority.ca
- PRINCE RUPERT PORT AUTHORITY 200 215 Cow Bay Rd. Prince Rupert, British Columbia, V8J 1A2 Tel: 250-627-8899 Fax: 250-627-8980 <a href="mailto:pcorp@rupertport.com">pcorp@rupertport.com</a>
- QUÉBEC PORT AUTHORITY 150 Dalhousie Street P.O. Box 80, Station Haute-Ville Québec, Québec, G1R 4M8 Canada Tel: 418-648-3640 Fax: 418-648-4160 marketing@portquebec.ca www.portquebec.ca
- SAGUENAY PORT AUTHORITY 6600, chemin du Quai-Marcel-Dionne La Baie Québec, G7B 3N9 Tel: 418-697-0250 (reception, ext 200) Fax: 418-697-0243 info@portsaguenay.ca
- SAINT JOHN PORT AUTHORITY 111 Water St. Saint John, New Brunswick, E2L 0B1 Tel: 506-636-4869 Fax: 506-636-4443 port@siport.com
- SEPT-ILES PORT AUTHORITY 1 Quai Mgr-Blanche Sept-Iles, Québec, G4R 5P3 Tel: 418-968-1231 Fax: 418-962-4445 <a href="https://www.portsi.com">www.portsi.com</a>
- ST. JOHN'S PORT AUTHORITY P.O. Box 6178 St. John's, Newfoundland and Labrador, A1C 5X8 Tel: 709-738-4784 Fax: 709-738-4782 <a href="mailto:info@sipa.com">info@sipa.com</a>
- THUNDER BAY PORT AUTHORITY 100 Main Street Thunder Bay, ON, P7B 6R9 Tel: 807-345-6400 Fax: 807-345-9058 <a href="https://www.portofthunderbay.com">www.portofthunderbay.com</a>
- TORONTO PORT AUTHORITY 207 Queen's Quay W, Suite 500 Toronto, Ontario, M5J 1A7 Tel: 416-863-2000 Fax: 416-863-0495 <a href="https://www.portstoronto.com">www.portstoronto.com</a>
- TROIS-RIVIÈRES PORT AUTHORITY 1545, du Fleuve Street, suite 300 Trois-Rivières, Québec, G9A 6K4 Tel: 819-378-2887 Fax: 819-378-2487 <a href="mailto:adm\_gen@porttr.com">adm\_gen@porttr.com</a>
- PORT METRO VANCOUVER 100 The Pointe, 999 Canada Place Vancouver, BC, V6C 3T4 Tel: 888-767-8826 Fax: 866-284-4271 <a href="https://www.portmetrovancouver.com">www.portmetrovancouver.com</a>
- WINDSOR PORT AUTHORITY 251 Goyeau Street Suite 502 Windsor, ON, N9A 6V2



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Tel: 519-258-5741 Fax: 519-258-5905 www.portwindsor.com

#### **CANADIAN COAST GUARD**

- NEWFOUNDLAND AND LABRADOR Canadian Coast Guard Assistant Commissioner's Office P.O. Box 5667 St. John's Newfoundland A1C 5X1 Tel: 709-772-5150
- MARITIMES Canadian Coast Guard Assistant Commissioner's Office Marine House, 176 Portland Street, P.O. Box 1035 Dartmouth, NS B2Y 4T3 Tel: 902-426-3907
- QUÉBEC Canadian Coast Guard Assistant Commissioner's Office 101 Boul. Champlain Québec, QC G1K 7Y7 Tel: 418-648-5522
- CENTRAL AND ARCTIC Canadian Coast Guard Assistant Commissioner's Office 520 Exmouth Street Sarnia, Ontario, N7T 8B1 Tel: 519-383-1800
- PACIFIC Canadian Coast Guard Assistant Commissioner's Office 401 Burrard Street Ste 200 Vancouver, B.C. V6C 3S4 Tel: 604-775-8810

CROSS REFERENCE OF AERODROME

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CROSS REFERENCE OF AERODROME

## CROSS REFERENCE OF AERODROME LOCATION INDICATOR & NAME

LOCATION INDICATOR & NAME			LOCATION INDICATOR & NAME (Cont'd)	
Indicate		Indicate		
CAA5	Zeballos BC	CAW8	Bella Bella/Shearwater BC	
CAA7	Gilford Island/Echo Bay BC	CAW9	Whaletown BC	
CAA9	Port Alberni/Sproat Lake BC	CAX6	Ganges BC	
CAB3	Bedwell Harbour BC	CAX8	Smithers/Tyhee Lake BC	
CAB4	Tofino Harbour BC	CAY4	Hartley Bay BC	
CAC5	Dorset/Averell's Cove ON	CAY9	Winfield (Wood Lake) BC	
CAC8	Nanaimo Harbour BC	CAZ3	Takla Landing BC	
CAC9	Stewart BC	CAZ6	Fort St. James/Stuart River BC	
CAD6	Atlin BC	CBA3	Kincolith BC	
CAD7	Gilford Island/Health Bay BC	CBA6	Bala/Muskoka Float Flying Club ON	
CAD8	Nelson BC	CBB3	Lake Muskoka/Boyd Bay ON	
CAE3	Campbell River BC	CBC3	Alert Bay BC	
CAE5	Whistler/Green Lake BC	CBE4	Cordova Mines/Belmont Lake ON	
CAE7	Harrison Hot Springs BC	CBE6	Kirkfield/Balsam Lake (Erlandson) ON	
CAE9	Bamfield BC	CBE7	Alliford Bay BC	
CAF6	Big Bay BC	CBE8	Moose Lake (Lodge) BC	
CAF8	Nimpo Lake BC	CBF8	Muncho Lake/Mile 462 BC	
CAG6	Blind Channel BC	CBG6	Henderson/Big Gull Lake ON	
CAG8	Pender Harbour BC	CBG9	Courtenay Airpark BC	
CAG9	Surge Narrows BC	CBJ8	Fraser Lake BC	
CAH2	Ocean Falls BC	CBL2	Severn Bridge/Buck Lake ON	
CAH7 CAH9	Kamloops BC Telegraph Creek BC	CBN4 CBP7	Masset BC	
CAH9 CAJ8	Pitt Meadows BC	CBQ9	Lake Scugog/Ball Point (Smith) ON Nanaimo/Quennell Lake BC	
CAS6	Camp Cordero BC	CBQ9	Blue Sea Lake (Outaouais Aviation)	
CARO CAL9	Tahsis BC	CDS0	QC	
CAM8	Port McNeill BC	CBT2	Wiarton/Beattie Lake ON	
CAM9	Vancouver Intl BC	CBY6	Green Lake BC	
CAN3	Ucluelet BC	CCA2	New Germany NS	
CAN6	Prince Rupert/Digby Island BC	CCA4	Lake Muskoka/Cottage Air ON	
CAP5	Victoria Airport BC	CCB5	Goose (Otter Creek) NL	
CAP7	Kitkatla BC	CCB7	Cumberland Bay NB	
CAQ3	Coal Harbour BC	CCB9	Lake Muskoka/Spirit Bay ON	
CAQ6	Queen Charlotte City BC	CCG6	St. Peter's/Cape George NS	
CAQ8	Powell Lake BC	CCL5	Chandos Lake/Sciuk's Landing ON	
CAR7	Kyuquot BC	CCL6	Chilko Lake (Wilderness Lodge) BC	
CAR9	Bella Bella/Waglisla BC	CCP5	Rawdon/Camping Pontbriand (Hydro)	
CAS4	Fort Langley BC		QC	
CAS8	Garden Bay/Sakinaw Lake South BC	CCQ5	St. John's (Paddys Pond) NL	
CAT3	Nanaimo/Long Lake BC	CCR8	Conne River NL	
CAT7	Lasqueti Island/False Bay BC	CCT5	South Brook NL	
CAU6	Gold River BC	CCW5	Thorburn Lake NL	
CAU8	Rivers Inlet BC	CCW6	Washago/Clearwater Lake ON	
CAV5	Sullivan Bay BC	CCX5	Wabush NL	
CAV7	Mansons Landing BC	CCX6	Comox BC	
CAV8	Shawnigan Lake BC	CDA8	Kirkfield/Balsam Lake (Dutto) ON	
CAW5	Port Hardy BC	CDD2	Porters Lake NS	
CAW6	Fort Ware BC	CDK3	Dorset/Kawagama Lake (South) ON	
	-			

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	SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd) or Name		SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd) or Name
muicati	name	iiiuicati	oi Name
CDL5	Doctor's Lake East NS	CHL6	Huntsville (North) ON
CDL6	Doctor's Lake West NS	CHM3	Kennisis Lake/Halminen ON
CDR2	Dalrymple Lake/Powers ON	CHP2	Belwood (Heurisko Pond) ON
CDS5	Dunsford Seaplane Base	CHS4	Scugog/Charlies Landing ON
CDT2	Hoopers Lake NS	CJA9	Hudson ON
CDU4	Springdale/Davis Pond NL	CJB7	Buffalo Narrows SK
CDU7	Brechin / Ronan Aircraft ON	CJC7	Burditt Lake ON
CDU9	Lake Doucette NS	CJD6	Sand Point Lake ON
CEB7	Carcross YT	CJD7	Cambridge Bay NU
CEB9	Lutselk'e NT	CJD8	Dryden ON
CED7	Colville Lake NT	CJD9	Ignace ON
CED9	Taltheilei Narrows NT	CJE8	Ear Falls ON
CEE3	Inuvik/Shell Lake NT	CJF2	Carignan/Rivière L'Acadie QC
CEE7	Edmonton/Cooking Lake AB	CJF6	Armstrong ON
CEF8	Hay River NT	CJH6	Atikokan ON
CEF9	Tincup Lake YT	CJJ7	Churchill MB
CEG9	Sambaa K'e NT	CJK6	Baker Lake NU
CEJ9	Watson Lake YT	CJK8	Flin Flon/Channing MB
CEL7	Ford Bay NT	CJL7	Confederation Lake ON
CEN7	Déline NT	CJM8	Fort Frances ON
CEN9	Yellowknife NT	CJM9	Kenora ON
CEP9	Namushka Lodge NT	CJN8	Fort Reliance NT
CEQ8	Whatì NT	CJO3	Kars/Jenkins Cove NB
CER6	Aklavik NT	CJP3	Savant Lake (Sturgeon Lake) ON
CER9	Fort Nelson (Parker Lake) BC	CJP5	Kasba Lake NT
CES7	Fort McMurray AB	CJP8	Gillam MB
CES9	Great Bear Lake NT	CJS6	Big Hook Wilderness Camp ON
CEU8	Norman Wells NT	CJS9	Lac Du Bonnet (North) MB
CEW8	Paulatuk NT	CJW8	Gunisao Lake MB
CEZ5	Whitehorse YT	CJX6	Bird River MB
CEZ7	Fort Simpson Island NT	CJX8	Hatchet Lake SK
CFB8	Foot's Bay ON	CJY6	Bissett MB
CFF8	Flin Flon/Bakers Narrows MB	CJZ6	Black Lake SK
CFG8	Fenelon Falls/Sturgeon Lake ON	CJZ9	La Ronge SK
CFP2	Dwight (Fox Point) ON	CKA3	Leaf Rapids MB
CFR3	Fall River NS	CKA6	Sioux Lookout/Pelican Lake ON
CFV5	Nájljcho NT	CKA7	Carnarvon/Kushog Lake ON
CGD2	Alma (Rivière La Grande Décharge)	CKB4	Otter Lake SK
	QC	CKB5	Sandy Bay SK
CGE2	Grand Etang Pubnico NS	CKB9	Shoal Lake MB
CGL3	Bala/Gibson Lake ON	CKC2	Points North Landing SK
CGN5	Réservoir Gouin/Pourvoirie Escapade	CKC5	Selkirk MB
-	QC	CKD3	Lynn Lake (Eldon Lake) MB
CGR6	Gravenhurst (Downtown) ON	CKD6	Thompson MB
CGV4	Gravenhurst (Pr Muskoka) ON	CKE4	Pelican Narrows SK
CHA2	St-Étienne-des-Grès/Hydravion	CKE5	Sandy Lake ON
	Aventure QC	CKE6	Thunder Bay ON
CHH2	Burlington/Hamilton Harbour ON	CKF5	Kashabowie/Upper Shebandowan
CHL3	Church Lake NS	OINI J	Lake ON

GENERAL A21

			GENERAL AZI
	SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd)		SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd)
Indicato	or Name	Indicate	or Name
CKG4	Pickle Lake ON	CLS7	Lac Simon (Blais Aéronautique Inc)
CKG6	Uranium City SK		QC `
CKH6	Vermilion Bay ON	CLW5	Little Whitefish Lake (Seguin) ON
CKJ3	McGavock Lake MB	CMA4	Miminiska ON
CKJ5	Silver Falls MB	CMA7	Orrville/Martin Lake ON
CKK8	Staunton Lake ON	CMB3	Cambridge (Puslinch Lake) ON
CKL4	Kennisis Lake/Jenny's Landing ON	CMB6	Lake Muskoka/Milford Bay ON
CKM5	Snow Lake MB	CMC8	Gravenhurst/Sniders Bay ON
CKN2	Kingston ON	CMK2	McKellar (Manitouwabing) ON
CKO2	Kashabowie Outposts (Eva Lake) ON	CML3	Mink Lake NS
CKP3	Minaki/Pistol Lake ON	CML4	Gravenhurst (Morrison Lake) ON
CKP5	Southend SK	CML6	Six Mile Lake (Hungry Bay) ON
CKP6	Round Lake (Weagamow Lake) ON	CMS3	St-Michel-des-Saints/Port Saint
CKP8	Obre Lake/North of Sixty NT		Michel QC
CKQ4	Rainy River ON	CMT2	Mont-Tremblant (Lac Maskinongé)
CKS2	Kennisis Lake/Francis ON	CMT4	Mactier/Smith Bay ON
CKS4	Red Lake (Howey Bay) ON	CMW5	Madawaska Lake (Freymond) ON
CKT3	Nestor Falls ON	CNB5	Arnprior ON
CKT4	Red Sucker Lake MB	CNB8	Sudbury/Ramsey Lake
CKT8	Pine Dock MB	CNC5	Sudbury/Azilda ON
CKW3	Nestor Falls/Sabaskong Bay ON	CNC7	Lake Muskoka/Mortimer's Point ON
CKW5	Stony Rapids SK	CNC8	Temagami ON
CKW7	Kirkfield/Balsam Lake Seaplane Base	CND6	Granitehill Lake ON
	ON	CND9	Portage Lake ON
CKW8	Knee Lake MB	CNE5	Bar River ON
CKY3	Norway House MB	CNE7	Nakina ON
CKY4	Killarney (Killarney Mountain Lodge)	CNH6	Hawk Junction ON
	ON	CNH7	North Bay ON
CLD3	Burns Lake (LD Air) BC	CNJ5	Hearst/Carey Lake ON
CLJ2	Port Carling/Lake Joseph ON	CNJ6	Hornepayne ON
CLJ4	Lake Joseph/Burnegie Bay ON	CNJ8	White River ON
CLK4	St-Michel-des-Saints/Lac Kaiagamac	CNL6	Renfrew/Hurds Lake ON
	QC	CNN5	Cochrane ON
CLB3	Dwight/South Portage ON	CNN7	Gooderham/Pencil Lake ON
CLL3	Lac Lamothe QC	CNP2	Seagrave/North Port ON
CLL4	Dwight/Limberlost Forest ON	CNP5	Combermere/Kamaniskeg Lake ON
CLL5	Roseneath/Lilac Lodge ON	CNP9	Norland/Shadow Lake (Penny) ON
CLL6	Sudbury/Long Lake (Wavy) ON	CNQ5	Constance Lake ON
CLM3	Lake Muskoka/Alport Bay ON	CNQ6	Keene/Elmhirst's Resort ON
CLM5	Lake Muskoka South ON	CNQ7	Port Loring ON
CLM6	Lake Muskoka (Miller Island) ON	CNS2	Smoky Lake ON
CLM7	Lake Muskoka East (Milford Bay) ON	CNT2	Nobel/Sawdust Bay ON
CLM9	Orillia/Port Lehmann ON	CNT5	Lake Muskoka/Dudley Bay ON
CLN5	Astorville/Lake Nosbonsing ON	CNU6	Huntsville ON
CLP3	Lac Polaris (Pourvoirie Mirage Inc)	CNV5	Elk Lake ON
CL DO	QC	CNV6	Orillia/Lake St John (Orillia Rama
CLR2	Lake Rosseau/John's Bay ON		Regional) ON
CLS2	Val-d'Or/Lac Stabell QC	CNX7	Port Stanton/Sparrow Lake ON
CLS4	Porters Lake South NS	COB2	Port Severn/Oak Bay ON

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	SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd) or Name		SS REFERENCE OF AERODROME TION INDICATOR & NAME (Cont'd) or Name
COP3	Lake Rosseau/Onnalinda Point ON	CSD9	Parc Gatineau QC
COP4	Orillia/Pumpkin Bay ON	CSE6	Mistissini QC
CPB6	Pointe au Baril Station ON	CSH8	Manic 5/Lac Louise QC
CPC5	Port Carling (Avon Bay) ON	CSJ9	Parry Sound/Salmon Lake ON
CPD5	Paudash Lake (Marina) ON	CSL2	Musquodoboit Harbour/Scots Lake
CPD6	Parry Sound/St. Waleran Island ON	0022	NS
CPF9	Lake Rosseau/Arthurlie Bay ON	CSM6	Six Mile Lake (South) ON
CPJ9	Manitowaning ON	CSM8	Sept-Îles/Lac Rapides QC
CPK8	Renfrew/Black Donald Lake ON	CSN8	Québec/Lac St-Augustin QC
CPL5	Musquodoboit Harbour/Paces Lake	CSP4	Port Alberni/Sproat Lake Landing BC
	NS	CSP7	Val-d'Or (St-Pierre) QC
CPL7	Kenora (Peterson's Landing) ON	CSP9	Ste-Anne-du-Lac QC
CPN6	Algoma Mills ON	CSS7	Lac-à-Beauce QC
CPN9	Whitefish/Lake Panache ON	CST6	Clova/Lac Duchamp QC
CPP9	Sault Ste. Marie/Partridge Point ON	CSU6	Spout Lake BC
CPQ7	Skeleton Lake ON	CSU7	Lac-à-la-Tortue QC
CPS1	Parry Sound Harbour ON	CSV6	Lake Scugog/Island View ON
CPS3	Parry Sound (Portage Lake) ON	CSV9	St-Mathias QC
CPS8	Parry Sound/Huron Island ON	CSW9	Ste-Véronique QC
CPS9	Parry Sound/Frying Pan Island-Sans	CSY8	Natashquan (Lac de l'Avion) QC
	Souci ON	CSZ9	Schefferville/Squaw Lake QC
CPT7	Mattawa ON	CTA5	Val-d'Or/Rivière Piché QC
CPT8	Parry Sound/Deep Bay ON	CTC2	St-Alphonse/Lac Cloutier QC
CPU5	Orillia/Matchedash Lake ON	CTD3	Lac Sébastien QC
CPV5	Head Lake ON	CTE3	Havre St-Pierre QC
CPW9	Port Alberni BC	CTH6	La Tuque QC
CPX8	Sault Ste. Marie ON	CTI2	Thunder Bay/Two Island Lake ON
CPY7	Huntsville/Bella Lake ON	CTM2	Temagami/Mine Landing ON
CPY8	Port Carling/Butterfly Lake ON	CTM5	Burk's Falls/Katrine (Three Mile Lake)
CPZ9	Toronto/Billy Bishop Toronto City		ON
	Airport ON	CTM8	Témiscouata-sur-le-Lac QC
CRB6	Sturgeon Bay/Richards Beach ON	CTP3	Barrage Gouin QC
CRB7	Rivière Blanche/Michel Cardinal Avia-	CTP4	Lac Pau (Caniapiscau) QC
	tion & M5 Aviation QC	CTR5	Norland/Shadow Lake (Trotter), ON
CRD8	Spanish/Aird Island ON	CTR7	Ottawa/Rockcliffe ON
CRE4	Cree Lake (Crystal Lodge) SK	CTS3	Lac Berthelot QC
CRF6	Quamichan Lake (Raven Field) BC	CTV2	Lac-des-Écorces QC
CRH3	Eagle River/Rifflin' Hitch NL	CTX2	Lac Trevet QC
CRK3	Réservoir Kiamika (Pourvoirie	CTY3	Cascades QC
ODI C	Cécaurel) QC	CUB2	Buckhorn/Upper Buckhorn Lake ON
CRL6	West Guilford/Redstone Lake ON	CVB6	Val-d'Or (Huard) QC
CRL8	Parry Sound (Roberts Lake) ON	CVC2	Voyageur Channel ON
CRV7	Parry Sound/Revilo Island ON Arviat NU	CVH3	Vanderhoof Water BC
CRV8		CVL4	Petawawa/Vermette Landing QC
CRW3	Lake Muskoka/Rankin Island ON Montréal/Boisvert & Fils QC	CVW2	Vernon/Wildlife BC
CSA4		CWL2	White Lake ON
CSA5 CSA7	Saguenay/St-Charles-de-Bourget QC Drummondville QC	CWP4	Paudash Lake (Murray's Landing) ON
CSA7		CYD2	Graham Lake (Yellow Dog Lodge) NT
CSA8	Saguenay (Harvey) QC Montebello QC	CYHC	Vancouver Harbour BC

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

Indicator Name

CYN6 Gravenhurst/Muskoka Bay ON

CYWH Victoria Harbour BC

CZSW Prince Rupert/Seal Cove BC

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#### 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

#### LIST OF CLOSED AERODROMES

Closed water aerodromes are listed until such time as all reference to the aerodrome has been removed from the VFR charts.

AGUANISH QC (N50 14 W62 07)

CHIBOUGAMAU/LAC CACHÉ (N49 49 W74 26)

DEER LAKE ON (N52 37 W94 03)

FORT ST. JOHN (CHARLIE LAKE) BC (N56 17 W120 58)

GERALDTON/HUTCHINSON LAKE ON (N49 47 W86 56)

HIGH LEVEL/FOOTNER LAKE AB (N58 37 W117 11)

LAC BEAUREGARD QC (N46 57 W74 54)
LA GRANDE-4/LAC DE LA FALAISE QC (N53 43 W73 43)
LAKE ROSSEAU/CAMERON BAY ON (N45 15 W79 39)
LANGILLE LAKE NS (N44 27 W64 27)

MAC TIER/FRANCIS ISLAND ON (N45 09 W80 01)
MINSTREL ISLAND BC (N50 37 W126 19)
MONTRÉAL/HYDRO AÉROPORT DE MONTRÉAL QC (N45 33 W73 31)
MONTRÉAL/MARINA VENISE QC (N45 38 W73 47)

OTTAWA/GATINEAU QC (N45 28 W75 41)

PARENT QC (N47 54 W74 38)

RIVIÈRE TÉMISCAMIE QC (N51 01 W72 59) ROBERVAL (AIR SAGUENAY) (N48 32 W72 13)

STEWART LAKE ON (N49 49 W93 43)

TIMMINS/PORCUPINE LAKE ON (N48 29 W81 12)

VANDERHOOF (DISTRICT) BC (N54 01 W124 00)

**GENERAL A25** 

#### **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

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

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

Turbine engine lubricating oil densities at  $15^{\circ}\text{C}$  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.

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## **CONVERSION TABLES**

## MILLIBARS TO INCHES OF MERCURY

mb	0	1	2	3	4	5	6	7	8	9		
					INC	HES						
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**

		CONTENCIO			
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	°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

5 .....

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**GENERAL A27** 

#### 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

			OIGE COD	_ AND	ONE HO ALI I		
Α	· –	Alfa	AL fah		N -·	November	no VEM ber
В		Bravo	<b>BRAH VOH</b>		0	Oscar	OSS cah
С	- · - ·	Charlie	CHAR lee or		P ··	Papa	pah PAH
			SHAR lee		Q · -	Quebec	keh BECK
D		Delta	DELL tah		R ·-·	Romeo	ROW me oh
Ε		Echo	ECK oh		S	Sierra	see AIR rah
F	$\cdots - \cdot$	Foxtrot	FOKS trot		T –	Tango	TANG go
G	:	Golf	GOLF		U ··· –	Uniform	YOU nee form or
Н		Hotel	ho TÈLL				OO nee form
1		India	IN dee ah		V –	Victor	VIK tah
J	·	Juliett	JEW lee ETT	-	W ·	Whiskey	WISS key
Κ	- · -	Kilo	KEY loh		X -··-	Xray	ECKS RAY
L	. –	Lima	LEE mah		Y - ·	Yankee	YANG key
М		Mike	MIKE		Z··	Zulu	ZOO loo
0		ZE-RO		6	CIV	Darra	d letters for
U				0	SIX		
1		WUN		7	SEV-en	marine	e beacons
2		TOO		8	AIT	a · <b>-</b> ·	-
3		TREE		9	NIN-er	e ··-	
4	···· –	FOW-er		Decimal	DAY-SEE-MAL	0	_·

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.

Thousand TOU-SAND

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#### **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)BrasseFathomBrise-lamesBreakwater

Cabine(s) Cabin(s)
Cap Cape

Quarry, Quarries Carrière(s) 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

**GENERAL A29** 

## GLOSSARY FOR VFR CHARTS (Cont'd)

**FRENCH** 

#### ENGLISH

Lagune Lagoon

Lagune pour égouts Sewage lagoon

Ligne de haute tension Power Transmission Line

Ligne de partage des eaux (Position Crest of watershed (Positon approximate)

approximative)

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

Tracé approximatif Approximate alignment

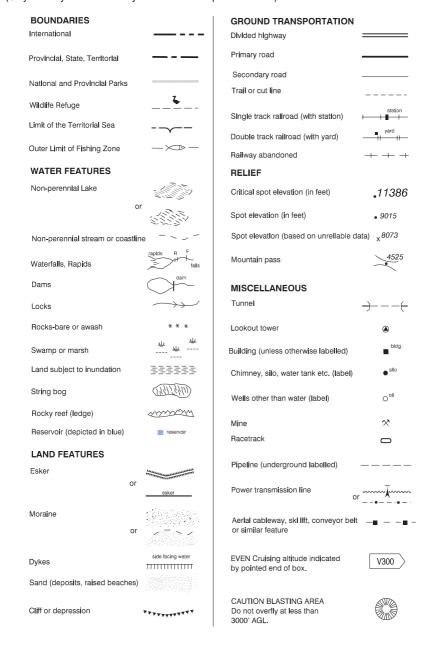
Traversée de câble Cable crossing

Traversier Ferry

Usine de ciment Cement plant

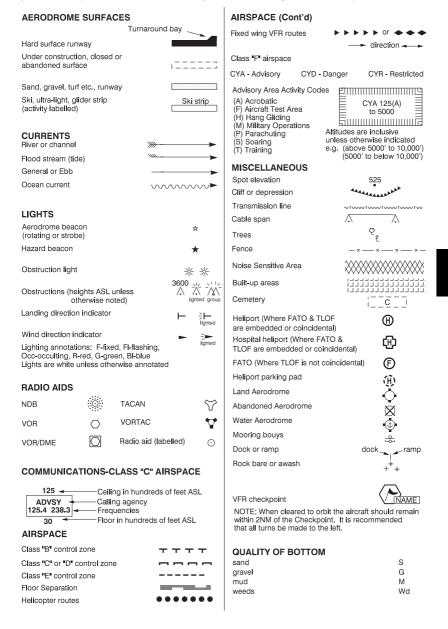
# GENERAL CHART LEGEND VFR Chart Symbols (VTA, VNC)

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



# 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



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#### 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.



#### **AERODROMES AND FACILITIES LEGEND - ANNOTATIONS & CODES**

## **CANADIAN AVIATION REGULATIONS (CAR)**

With the promulgation of the CAR, some of the information in SECTIONS B, C and E of the Canada Water Aerodrome 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 Water Aerodrome 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:

#### AERODROME DATA (A/D DATA):

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

A/D DATA

Restricted area behind breakwater (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 when tkof to the N (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

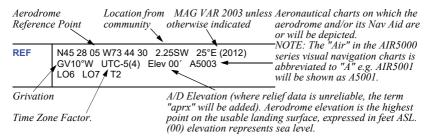
The name of community aerodrome serves when geographic location is not reflected in the aerodrome name

Name of aerodrome Province if within Canada. State if within U.S.A., Country community name. if outside U.S.A. or Canada.

Location indicator

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)



## 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

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

#### Example:

TORONTO / OSHAWA MUNI ON UTC-5 (4)

COMM TWR

120.1 (V) 1130-0330Z‡

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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

OPR	TC 123-456-7890 H24 Cert Ldg fees 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.

#### 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)**

|--|

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.

**GENERAL A37** 

- 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.
- (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.

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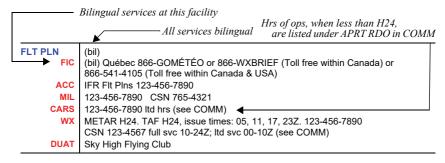
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### CBSA (CUSTOMS AND IMMIGRATION) PROCEDURES (Cont'd)

- (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 onboard 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)



**GENERAL A39** 

#### 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.

Pilots calling an FIC can access the Pilot Automatic Telephone Weather Answering Service (PATWAS) by pressing the number three on the main menu to obtain weather information. The automated system has a fax-back function and speech recognition capability.

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 DIN at http://met.forces.gc.ca, and online at http://www.flightplanning.navcanada.ca. International NOTAMs are available on the DIN 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.

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#### 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 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)

**GENERAL A41** 

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

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

e 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).



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#### 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 Itd hrs (e.g. ALTIMETER Itd 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 CFFC. 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 Weather Service operates a PMSV at selected bases to provide military aircrew direct radio contact with CFFCs or CFWOs. 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.

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#### CANADIAN FORCES OPERATIONAL WEATHER BRIEFING

Military aircrew requiring an operational weather briefing in Canada or the continental USA are authorized use of the toll free number 1-800-WX-METEO (equates to 1-800-996-3836). This service is intended for military aircrew who have an urgent operational need for weather information and find themselves without access to normal weather services. The operational service may be interrupted by higher priority operations or abuse.

## FLT PLN/COMM Weather Example (Civilian)

FLT PLN FIC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR dur FSS hrs of ops O/T METAR AUTO 123-456-7123 (see COMM). TAF 16-10Z, issue times: 16, 22, 04Z.
COMM	124.7
FLT PLN/COM	M Weather Example (Military)
FLT PLN MIL WX	123-456-7890 CSN 654-3890 WD2 123-456-7812 CSN 654-3812 (see COMM). METAR H24. TAF H24, issue times: 05, 11, 17, 23Z.
COMM PMSV	344.6 Itd svc 22-08Z‡
FLT PLN/COM	M Weather Example (Private)
FLT PLN FIC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) ALTIMETER/WIND ltd hrs (see COMM)
COMM	

## DIRECT USER ACCESS TERMINAL (DUAT):

ATF UNICOM (AU) Itd hrs O/T tfc 122.7

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

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### **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

**SERVICES** 

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.

Call out chg may be levied for one or more services.

	FUEL	80, 100LL, JB, HPR 65, 80, 100	
	S	2 12-03Z‡ Mon-Fri, 1100-0230Z‡ Sat &	
PV	PVT ADV Innotech 122.95 123-456-7890 10-04Z‡		
FUEL:			
CODE	GRAD	E/DESCRIPTION	SPEC
100LL	AVGA	aviation gasoline S 100 Blue (a) turbine fuel – kerosene type	CAN/CGSB -3.25
JA		e Fuel-Kerosene Type JET A – (No FSII) e Point Minus 40°C	ASTM D 1655 (b)
JA-1		e Fuel-Kerosene Type – ASTM – JET A-1 SII) NATO F-35-Freeze Point Minus 47°C	CAN/CGSB -3.23
JB	turbine fuel – wide cut type Turbine Fuel – Wide cut JET B (No FSII) CAN/CGSB -3.22 Freeze Point Minus 51°C (Grade JET B)		
DFA	Diesel	diesel fuel – arctic grade Fuel (No FSII)	CAN/CGSB -3.6 (Type A or B)
	MOGA	S unleaded automotive gasoline (c)	CAN/CGSB -3.5
MG-1 MG-2 MG-3 MG-4	AKI of AKI of AKI of AKI of	89.0 91.0	(Grade 1) (Grade 2) (Grade 3) (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 avbI) shall immediately follow the fuel to which it refers (JA, JA-1 or JB). Indicates FSII is available at airport and is either: already in the fuel (premixed); or, can be added on request. When delivery method required, contact fuel			

#### 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) AKI=Anti-Knock Index

supplier at airport.

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OIL:

CIVIL OIL LISTINGS

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

## SERVICING(S)

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

## PRIVATE ADVISORY (PVT ADV)

## **AERODROME DATA (A/D DATA)**

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

A/D DATA
DOCKS

Open water mid May to Oct. Depth 2-6', sand & rock bottom.

Beach. Dock depth 2'. Sheltered behind breakwater. Mooring fees; ctc opr.

Information specifically related to water aerodrome, i.e. water availability, water conditions, bottom characteristics, beaches/docks/moorings, etc.

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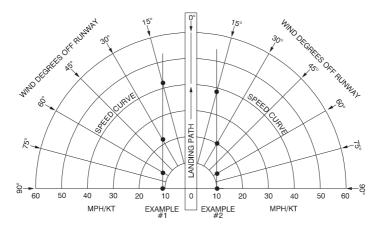
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## CROSS-WIND LANDING LIMITATIONS - LIGHT AIRCRAFT

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 ground looping 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

	EXAMPLE #1 - Aircraft with a stailing speed	I OI OU IVIPA.
Wind-degree Off Rur	nway	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 spec	ed 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

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## **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 "call sign" **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) unicom ltd hrs O/T tfc 122.8 5NM 4000 ASL ATF (bil) 124.65 **134.475** (bil) 120.8 352.7 TML ARR (bil) 120.5 363.8 DEP 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) International Air Carrier **AWOS** 124.7 **LWIS** 128.7 **AUTO** 122.025

## SUMSPOT FSS - RCO

344.6

**PMSV** 

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

122:0 (10 V10) (1444 00 VV10 10)

RCO (see RADIO)

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## 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

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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

- 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.

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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 ATS sites where an MF is in effect and the volume of traffic is such that a second frequency is needed to alleviate congestion on the radio, traffic information services, pre-taxi clearances and other advisory services are provided on a ground advisory (GND ADV) frequency. Pilots must still adhere to CAR 602.97 to 602.103, inclusive, and will be advised to switch frequencies before entering the manoeuvring area.

#### 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.

#### 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, 122.775 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.

NOTE: 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)**

Channel paired with DME frequency in "X" mode unless "Y" mode indicated by (Y) Refer to CFS 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.

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#### 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** subheading 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** subheading. However, no navigation facility is listed under the **NAV** subheading if it exceeds 25NM from the A/D, unless it is used for an IAP.

## LISTING OF NAVIGATION FACILITIES: (Cont'd)

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:

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

## PROCEDURES (PRO)

NOISE

#### PRO

Arr 2000 ASL, dep 1500 ASL. Ski ops proh.

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.

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.

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

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## **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.

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INTENTIONALLY

LEFT

BLANK

## AIRD ISLAND ON — See SPANISH / AIRD ISLAND

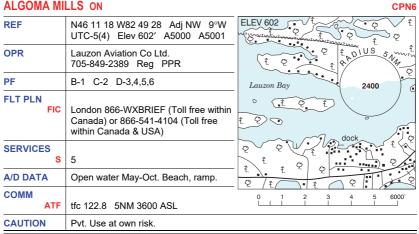
AKLAVIK N	Г	CER6
REF	N68 13 21 W134 59 30 Adj 22°E (2017) UTC-7(6) Elev 7' A5034 A5040	ELEV 7 P P P S ROUS 5 M
OPR	K & D Contracting 867-978-2792 Ltd hrs Reg	1400
PF	C-1,2,3,4,5,6	2 1
FLT PLN FIC CARS	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 867-978-2309 Ltd hrs (see COMM)	Aprt dock to the control of the cont
SERVICES S	5	
A/D DATA	Open water mid Jun-Sep. Current 2 kt, mud flats along shores in late sum & fall.	0 1 2 3 4 5 6000'
СОММ		
MF APRT RDO	aprt rdo ltd hrs O/T tfc 122.1 5NM cent (CAR 602.98) 122.1 (V) 14-24Z‡ Mon-Sat, 15-20Z‡	red on Aklavik land A/D adj 3000 ASL Sun, exc federal observed hols. At land A/D.
CAUTION	Rdo mast 100' N Shore Peel Channel.	Subject to fog from coast.

ALERT BAY	BC	CBC3
REF	N50 35 W126 56 Adj NW 18°E (2013) UTC-8(7) Elev 00' A5004	ELEV 00
OPR	Corporation of Village of Alert Bay 250-974-5213 Reg	Channel Channel
PF	C-1,2,3,4,5	dock dock
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Bholistion Single OUS 5 Miles
SERVICES S	7	tank
A/D DATA	Depth 10', tidal range 13' (mean), current 3 kt. Bay exposed to W	
	winds.	0 2 4 6 8 10 12000'
COMM	UNICOM 122.8 2NM 1500 ASL	
CAUTION	Lgtd twr S end Cormorant Island 475 AS N50 35 00 W126 55 15. Other pvt docks	SL. Unlgtd totem pole 274 ASL (174 AGL) at a in vicinity.

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B2 AERODROME/FACILITY DIRECTORY

## **ALGOMA MILLS ON**



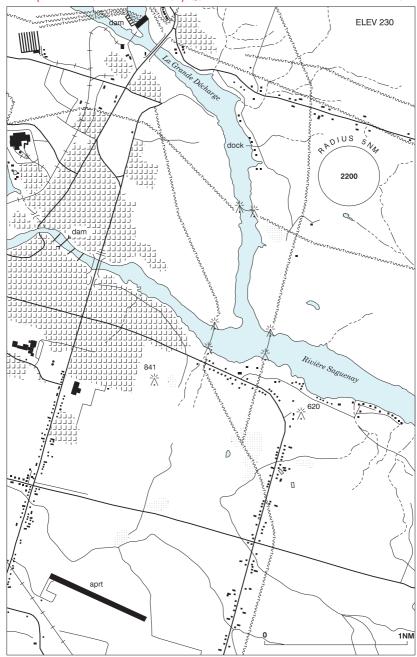
## **ALLIFORD BAY BC**

CBE7

REF	N53 12 54 W131 59 28 19°E (2013) UTC-8(7) Elev 00' A5013	\
OPR	Oak Bay Marine Group 250-598-3366 Reg	Kwuna Point + CYYY
PF	B-1 C-2,3,4,5,6	Bush Is.
FLT PLN FIC COMM ATF	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)  tfc 123.2 5NM 3000 ASL See PRO section	Bare on IUS SAM E To Control of the
PRO	Dock facilities for drop off only. Ctc Terrace rdo 122.3 prior to entry into Sandspit CZ. Special VFR tfc advsy procedures apply With Discrete Air-To-Air Frequencies.	O 1 2 3 4 5 6000'  outside ATF zone, see Section C – Areas
CAUTION	Ferry tfc.	

## ALMA (RIVIÈRE LA GRANDE DÉCHARGE) QC

CGD2



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## B4 AERODROME/FACILITY DIRECTORY

ALMA (RIVIÈ	RE LA GRANDE DÉCHARGE) QC (Cont'd) CGD2	
OPR	Air Maintenance/Martin Bouchard 418-668-8745 Fax 418-668-6259 Reg	
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)	
SERVICES OIL S	All 2,3	
A/D DATA	Open water mid-Apr to mid-Nov. Bottom sand and mud.	
COMM MF/ATF VFR ADV	tfc 122.35 5NM centred on land A/D 3.5NM SSW 3500 ASL	
CAUTION	Ocsl small fishing boats.	

## ALPORT BAY ON — See LAKE MUSKOKA / ALPORT BAY

ARMSTRON	G ON	CJF6
REF	N50 15 W89 03 2S 4°W UTC-5(4) Elev 1120′ A5008	2 £ ELEV 1120
OPR	Armstrong Outposts 807-583-2180 (sum), 807-767-0519 (win) Reg Huron Air & Outfitters 807-583-2051 Reg	Q Q t dump Q Q t t Q T t Q
PF	B-1 D-2,4,5	Outposts Huron Air
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)	Outfitters (†  Mackenzie Lake  2900
SERVICES FUEL OIL S	100LL 100, 15/50 5	0 1 2 3 4 5 6000
A/D DATA	Open water mid May-Oct. Ski planes in	win.
COMM ATF	tfc 122.8 5NM 4100 ASL	

#### ARNPRIOR ON CNB<sub>5</sub> ELE<u>V 3</u>30 **REF** N45 24 27 W76 21 35 1S 14°W dam UTC-5(4) Elev 330' A1905 A5000 **OPR** Arnprior Aprt Comsn 613-623-9687 Fax 613-623-7870 Reg PF B-1 C-2,3,4,5,6 ADIUS **FLT PLN** 5 Ny London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free docks within Canada & USA) 2300 **SERVICES** Madawaska Lake **FUEL** JA on field 100LL at seaplane base OIL Aeroshell W100, W100 Plus, 15W50 on field O/R S 2.3.5 6000 A/D DATA Open water May-Nov. COMM **ATF** UNICOM ltd hrs O/T tfc 122.7 5NM centred on Amprior land A/D adj 3400 ASL CAUTION Parachuting over aprt 12,500 ASL & below, ocsl daylight by NOTAM.

## ARTHURLIE BAY ON — See LAKE ROSSEAU / ARTHURLIE BAY

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ARVIAT NU		CRV8
REF	N61 08 50 W94 06 57 3NNW 4°W (2012) UTC-6(5) Elev 20' A5031	ELEV 20
OPR	Joe Savikataaq 867-857-2771/6580 or 204-599-7182 Reg PPR	
PF	C-1,2,3,5,6	
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	dock 0° 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A/D DATA	40' dock	1400
COMM	aprt rdo ltd hrs O/T tfc 122.1 5NM centred on Arviat land A/D 3.4NM	Hudson Bay
APRT RDO	NNW 3100 ASL (CAR 602.98) 122.1 (V) 1245-2315Z‡ Mon-Fri, 1445-2115Z‡ Sat & Sun, exc federal ob	0 1 2 3 4 5 6000' served hols, O/T 2 hrs PN, call out chg.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

**B6 AERODROME/FACILITY DIRECTORY** 

## ASTORVILLE / LAKE NOSBONSING ON

**NDB** 

CAUTION

IB 209 (M) N48 49 31 W91 34 39

Land A/D 0.5NM NE.

CLN<sub>5</sub>

/ TO TO TO THE LE	E / EMIL HOODOHOMO ON	OLIVO
REF	N46 12 10 W79 14 24 1.9ENE 11°W (2017) UTC-5(4) Elev 778' A5000 A5001	ELEV 778 ADOLUS 5 W
OPR	Ron Cooke 705-752-2223 Reg PN	2600
PF	B-1 C-2 D-3,4,5,6	t Q t
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Lake Nosbonsing dock
SERVICES FUEL OIL	100LL Emerg only W100, 15W50	Perron H
A/D DATA	Open water May-Nov	0 1 2 3 4 5 6000'
СОММ		
ATF	tfc 123.2 5NM 3800ASL	
CAUTION	Lgtd twr 1159 ASL (279 AGL) 3.9NM EN A/D.	IE of A/D. 2 unlgtd twrs aprx 1.6NM WSW of

ATIKOKAN ON CJH<sub>6</sub> ELEV 1296 REF N48 46 W91 40 1WNW 1°W UTC-5 Elev 1296' A5001 A5008 pius 5 N4 **OPR** Township 807-597-6582 Reg Highland Q Lake PF C-1,2,3,4,5,6 3200 ŧ **FLT PLN** Pilots to open/close VFR flt plan with ŧ London rdo, FISE or by phone Steep Rock Lake Q Q FIC London 866-WXBRIEF (Toll free within £ Q Canada) or 866-541-4104 (Toll free ыz within Canada & USA) 9 Atikokan Muni ŧ Airport **SERVICES** 0 **FUEL** 100LL (Muley's Aircraft Maintenance Ó dock Ó 807-597-4440) ŧ OIL ΑII dam 2.5 2 3 4 6000 A/D DATA Open water May-Nov. Depth 4', sand & clay bottom. Ctc opr, after 22Z ctc 807-597-2135/4440 COMM London rdo 123.275 (FISE) 126.7 (bcst) tfc 122.3 (no ground station) 5NM centred on Atikokan Muni land A/D 1NM ENE **RCO** MF 4500 ASL (CAR 602.98) UNICOM 122.8 NAV

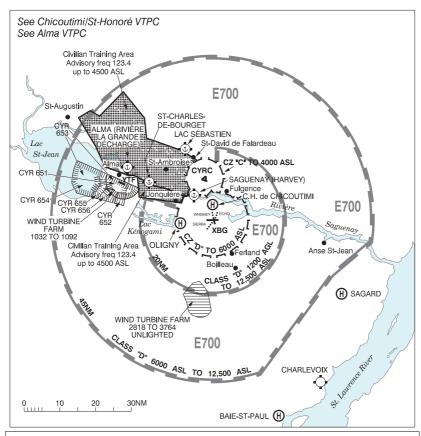
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

ATLIN BC		CAD6
REF	N59 34 W133 43 Adj SW 21°E (2013) UTC-8(7) Elev 2190' A5021 A5099	ELEV 2190 NOISE SENSITIVE
OPR	Apex Air Charter 250-651-0025 Reg PPR	AREA No overflight below 2000' AGL
PF	B-1 C-2,4,5 at adj land A/D	dock www.
CUST	AOE/15/SEAPL 888-226-7277 17-05Z‡	fuel fuel £. Q
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	ROOO Atlin Lake
SERVICES OIL S	15/50, 100 5	0 1 2 3 4 5 6000'
A/D DATA	Open water May-Oct. Slipway & floats on mainland. Rock bottom.	
COMM RCO ATF	Whitehorse rdo 123.55 (FISE) 126.7 (bcst) tfc 123.2 5NM 5200 ASL	
PRO	Arr/dep over Atlin Lake, avoid circuits over town of Atlin. Como Lake 3NM N may be used if Atlin Lake is rough due to strong winds, small dock avbl.	
CAUTION	Unlgtd antennae 200 AGL 2650 ASL ap	orx 1.5 NM N of aprt. Adj land A/D.

## AVERELL'S COVE ON — See DORSET / AVERELL'S COVE

AZILDA ON — See SUDBURY / AZILDA

## **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 UAV users wishing to opr in CYBG class D airspace must contact the ops ctr at 418-677-7342.

There is intense civ VFR tng tfc fr the western edge of St-Honoré CZ to St-Augustin. Aircraft in the tng area as depicted above shall broadcast their position and intentions on freq 123.4 and need not contact Bagotville tml. Aircraft leaving the tng area and entering Bagotville TCA class D airspace shall contact Bagotville tml prior to leaving the tng area.

<b>BAKER LAK</b>	E NU	CJK6
REF	N64 19 W96 01 Adj 3°W (2012) GV 94°E UTC-6(5) Elev 8' A5031 A5037 LO5	ELEV 8 beaching area
OPR	Avn Fuel Enterprises 867-793-2234/4720/2931 Fax 867-793-2965 Reg	Airplane Lake
PF	C-1,2,4,5	beaching area
FLT PLN FIC CARS	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 867-793-2931	1700 Baker Lake
SERVICES FUEL	Avbl 14-23Z‡ Mon-Sat O/T call out chgs 100LL, JA-1	0 2 4 6 8 10 12000'
A/D DATA	Open water mid Jul-mid Oct. Depth 6′ close to shore, sand bottom. Small beach adj Hudson's Bay store. Best shelter in Airplane Lake 1.5 NM NE.	
COMM RCO MF	Edmonton rdo 122.375 (FISE) 5680 (FISE) 126.7 (bcst) aprt rdo 122.1 5NM centred on Baker Lake land A/D 1.9 NM SW 3100 ASL (CAR 602.98)	
NAV NDB VOR/DME	BK 224 (M) N64 18 53 W96 03 53 YBK 114.5 Ch 92 N64 19 08 W96 0	6 17 (366') VOR oriented on True N
CAUTION	P-line 35 AGL adj to road fr village to la	nd A/D. Poor shelter in Baker Lake.

## BAKERS NARROWS MB — See FLIN FLON / BAKERS NARROWS

## **BALA / GIBSON LAKE ON**

CGL3

REF	N44 56 55 W79 43 34 6SW 11°W UTC-5(4) Elev 635´ A5000	ψ ELEV 635 Ψ 5ξξ †
OPR	Graham Nierop 416-407-2239 Reg PPR	\$ \frac{1}{12} \fr
PF	B-1 PN	Gibson Lake
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q Q I I I I I I I I I I I I I I I I I I
A/D DATA	Open water May-Nov. Depth 3' at dock. Sand beach.	1 3100 C T
COMM ATF	tfc 122.8 5NM 3700 ASL	# \$ # \$ # \$
CAUTION	Lgtd twr 1825 ASL 2.5NM NW. P-lines SE end of lake. Rock shoal.	0 1 2 3 4 5 6000'

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B10 AERODROME/FACILITY DIRECTORY

#### BALA / MUSKOKA FLOAT FLYING CLUB ON

CBA6

REF	N45 02 08 W79 33 19 2.7ENE 11°W (2012) UTC-5(4) Elev 739′ A5000	ELEV 739
OPR	Bruce Clark 647-888-3150 Reg	Lake Muskoka
PF	B-1,2,5 C-3,4 D-6	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q t t 2500
A/D DATA	Open water mid-May to mid-Oct	8 8 120
COMM	tfc 122.8 5NM 3800 ASL	t (2)
		0 1 2 3 4 5 6000° L I I I I I I I J

BALL POINT (SMITH) ON — See LAKE SCUGOG / BALL POINT (SMITH)

BALSAM LAKE (DUTTO) ON — See KIRKFIELD / BALSAM LAKE (DUTTO)

BALSAM LAKE (ERLANDSON) ON — See KIRKFIELD / BALSAM LAKE (ERLANDSON)

BALSAM LAKE SEAPLANE BASE ON — See KIRKFIELD / BALSAM LAKE SEAPLANE BASE

BAMFIELD I	BC	CAE9
REF	N48 49 30 W125 08 13 17°E (2014) UTC-8(7) Elev 00' A5004	ELEV 00 Aguilar Point & Q
OPR	Pacific Seaplanes 1-855-933-5922 Reg PPR	Ragle Land Tank Land Tank Bay
PF	B-1,3 C-2,4,5,7	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	The state of the s
SERVICES FUEL S	Ltd hrs, PN MG-3 7	4000 dock 1111
A/D DATA DOCKS	No sked svcs/seat rate svcs auth. Dock fees ctc OPR.	0 1 2 3 4 5 6000'
COMM ATF	tfc 123.2 5NM 3000 ASL	

BAMFIELD	BC (Cont'd) CAE9
PRO	1. Advs intentions on ATF within 1 min of arr or dep. 2. On ldg and dep use ldg lgts, stay on suggested track. 3. Land S-bound conditions permitting. Depart N-bound conditions permitting. 4. Avoid flt over E or W villages due noise. 5. Training or circuits not auth within Bamfield Inlet. 6. Give way to Lady Rose Marine ships or other large vessels 7. After ldg immediately proceed to starboard. Do not exceed 5kt taxing. 8. On dep use flashing landing lights and circle twice with flaps down to alert mariners of dep intentions. 9. Taxiing acft are vessels and must comply with both Marine Collision Regulations and 'Right of way- aircraft maneuvering on Water', CAR 602.20.  Give way and remain clear landing area while Lady Rose Marine ship underway in Bamfield Inlet. Route shown on map. Ship visits port multi times per week.
CAUTION	Marked unlgtd P-lines across inlet S of dock. Heli ops in vic. S-bound dep frequent downdrafts due rising terrain. Large vessels anchor in S harbour May-Aug. Extv marine tfc and May-Aug. No debris patrol or removal.

#### **BARRAGE GOUIN QC** CTP3 **ELEV 1325 REF** N48 21 15 W74 06 10 Adj 16°W £ Q 0 ŧ. UTC-5(4) Elev 1325' A5009 St-Maurice River Q Q **OPR** Pourvoirie Barrage Gouin et Magnan Inc. sum 819-666-2332 or ŧ £ 877-720-8900 Reg ₹Q PF A-1.2.5 £ windsock Q **FLT PLN** (bil) DIUS dock Q 5N4 Québec 866-GOMÉTÉO or **FIC** 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within 3500 Ç Canada & USA) **SERVICES** `\\\^\_<sub>2300</sub> ŧ ę **FUEL** 100LL, JA (D), MOGAS S 1,5 3 6000 A/D DATA Open water mid May-mid Nov. Dock. COMM ATF tfc 123.2 5NM 4400 ASL **CAUTION** Hi waves with NW wind. Turbulence with SW and NE winds.

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**B12 AERODROME/FACILITY DIRECTORY** 

#### BAR RIVER ON CNE<sub>5</sub> REF **ELEV 580** N46 25 W84 06 3SW 7°W UTC-5(4) Q Elev 580' A5001 Springer Aerospace Ltd **OPR** Ramp 1-877-603-6633, 705-822-9463 Reg Ŧ Lake**PPR** George Q Airport **FLT PLN** Q FIC London 866-WXBRIEF (Toll free within AADIUS ŧ. Canada) or 866-541-4104 (Toll free £ within Canada & USA) ŧ £ AOE/CAN/SEAPL CUST 7 2400 **SERVICES** ΡN 100LL, JA-1 **FUEL** OIL All Ó s 5 6000 Open water May-Nov. Ramp.25 NM A/D DATA up Bar River. COMM **RCO** London rdo (Sault Ste. Marie) 123.475 (FISE) 126.7 (bcst) UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL **ATF** NAV VOR/DME | SAULT STE. MARIE SSM 112.2 Ch 59 (T) N46 24 43 W84 18 53

## **BEATTIE LAKE ON —** See WIARTON / BEATTIE LAKE

DEDWELL HADDOUD --

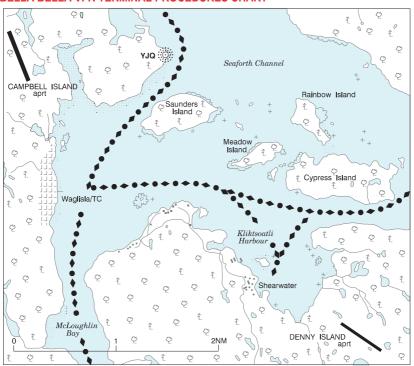
BEDWELL H	ARBOUR BC	CAB3
REF	N48 45 W123 14 17°E (2013) UTC-8(7) Elev 00' VTA A5004	ELEV 00
OPR	Canada Border Services Agency 1-888-CANPASS (226-7277) Reg PPR	dock 2 Q Q Q Bedwell Harbour
PF	A-1 B-2,5 C-3,4 D-6	13/
CUST	AOE/15/SEAPL 888-226-7277 17-01Z‡ 1 May - Thu before Victoria Day, 1604Z‡ Fri before Victoria Day - Labour Day, 17-01Z‡ Tue after Labour Day - 30 Sep.	Swanson Channel
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Boundary Pass Boundary Pass  4 5 6000
SERVICES S	7 at opr discretion.	
A/D DATA	Open water all year. Tidal range 16'. She no long term prkg.	eltered harbour & sandy beach. Ltd moorage,

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AERODROME/FACILITY DIRECTORY B13

BEDWELL HARBOUR BC (Cont'd)	
COMM TWR ATF TML	tfc 123.2 5NM 1200 ASL exc area within Victoria Intl CZ
RESTRIC- TIONS	DOMESTIC FLTS PROHIBITED Open to intl flts only

## BELLA BELLA VFR TERMINAL PROCEDURES CHART



<b>BELLA BEL</b>	LA / SHEARWATER BC CAW8
REF	N52 09 W128 05 19°E (2012) UTC-8(7) Elev 00' A5004 A5013
OPR	Shearwater Marine Ltd 250-957-2305/2666 Reg
PF	B-1,2,5 C-4
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL	100LL, JA-1
A/D DATA	Ramp.
COMM RCO ATF	Pacific rdo (Campbell Island) 123.475 (FISE) 126.7 (bcst) tfc 122.8 5NM 3200 ASL

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B14 AERODROME/FACILITY DIRECTORY

BELLA BELI	_A / SHEARWATER BC (Cont'd) CAW8
NAV NDB	YJQ 325 (L) N52 11 06 W128 06 49
CAUTION	Land A/D 2NM SE
BELLA BELI	_A / WAGLISLA BC CARS
REF	N52 10 W128 08 Adj 19°E (2012) UTC-8(7) Elev 00′ A5004 A5013
OPR	TC 604-666-5420 Reg
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 S	See Bella Bella/Shearwater site 7
A/D DATA	Tidal range 15'. Mooring in S portion of harbour.
COMM RCO ATF	Pacific rdo (Campbell Island) 123.475 (FISE) 126.7 (bcst) tfc 122.8 5NM 3200 ASL
NAV NDB	YJQ 325 (L) N52 11 06 W128 06 49
CAUTION	Land A/D 3 NM SE & 1 NM NW

## BELLA LAKE ON — See HUNTSVILLE / BELLA LAKE

## BELMONT LAKE ON — See CORDOVA MINES / BELMONT LAKE

BELWOOD (I	HEURISKO POND) ON	CHP2
REF	N43 46 20 W80 22 26 3SW 10°W UTC-5(4) Elev 1420' VTA A5000	ELEV 1420 ©
OPR	David Hurlburt 519-835-0939 Reg PPR	\$ \frac{\delta}{\delta} \frac{\delta}{\delta} \qquad \qqquad \qqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqq
PF	B-1 C-2,3,4 D-5,6	2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q dock To Q Q
A/D DATA	Tkof & Ldg Area: Brg 026°/206° 2350x60 Open water ltd hrs May-Oct	3200
COMM	tfc 123.4 2NM 4400 ASL	0 1 2 3 4 5 6000'
CAUTION	Extv glider activity 5NM NW. Hydro lines 026°. Possible boat tfc.	& trees on apch brg 206°, trees on apch brg

**BIG BAY BC** CAF6 AADIUS 5N4 REF N50 24 W125 08 Adj 18°E (2013) ELEV 00 Q UTC-8(7) Elev 00' A5004 ŧ **OPR** Stuart Island Community Association 6700 250-202-3625 Reg Ç PF C-1,2,5 BarberQ ŧ. Passage**FLT PLN** Q £ Kamloops 866-WXBRIEF (Toll free Gillard within Canada) or 866-541-4101 (Toll Passage dock free within Canada & USA) Q Big Bay Q **SERVICES** Gillard 7 s Islands £ COMM £ Q Q **ATF** tfc 123.2 5NM 3000 ASL 6000 CAUTION Strong current at bay mouth under certain tidal cond. Current may also extend into bay.

## BIG GULL LAKE ON — See HENDERSON / BIG GULL LAKE

BIG HOOK W	VILDERNESS CAMP ON	CJS6
REF	N53 34 W92 57 1°W UTC-6(5) Elev 860′ A5017	Q Q ELEV 860 Q £
OPR	Big Hook Wilderness Camp 970-363-4665 Reg	Q Q Q t + ANDIUS 51/M
PF	C-4 PN	₹ 2 £ 2 2300 )
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)	
A/D DATA	Open water mid May-mid Oct. Depth 6'.	2 t V (t Q D t
COMM	tfc 122.8 5NM 3900 ASL	0 1 2 3 4 5 6000°

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

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## B16 AERODROME/FACILITY DIRECTORY

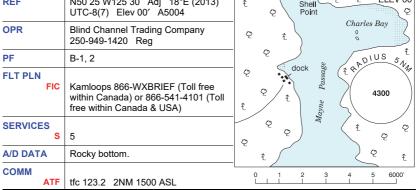
BIRD RIVER	MB	CJX6
REF	N50 24 W95 45 12NE 2°E (2014) UTC-6(5) Elev 836' A5007	€ £ ELEV 836
OPR	Tall Timber Avn 204-345-2972 Reg	TESADIUS SAN Q TARIOR
PF	B-1,2,5	Rivid He
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	2400 dock : £
A/D DATA	Open water May-mid Nov.	£. 6. 4. 6
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 3900 ASL	Lac du Bonnet  1 2 3 4 5 6000

BISSETT ME	l e	CJY6
REF	N51 01 W95 41 Adj SE 2°E (2014) UTC-6(5) Elev 824' A5007	ELEV 824 \$ Q t
OPR	Blue Water Aviation 204-277-5536 Fax 204-367-4030 Reg	2 1 2 2500
PF	C-1,2 D-5	Q Q Fire twr
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)	t dock co C to C
SERVICES FUEL OIL S	100LL, JA 20W50, 2380 5	
A/D DATA	Open water mid May-mid Nov. Ski planes in win.	
COMM	UNICOM 122.8 5NM 3900 ASL	

## BLACK DONALD LAKE ON — See RENFREW / BLACK DONALD LAKE

#### **BLACK LAKE SK** CJZ6 REF N59 09 W105 33 2ENE 10°E (2013) ŧ. Ç **ELEV 909** UTC-6 Elev 909' A5023 A5024 Q Q **OPR** Camp Grayling Ltd 306-439-2178/4944 Q 7 Reg £ PF B-1, 2, 5 Camp **FLT PLN** Grayling Edmonton 866-WXBRIEF (Toll free AADIUS 5NA within Canada) or 866-541-4102 (Toll ŧ free within Canada & USA) Black LakeQ **SERVICES** 2600 100LL **FUEL** ŧ OIL ΑII S 2.5 A/D DATA Open water Jun-mid Oct. Sand bottom. N current 3 kt. Rapids at mouth of Fond du lac River N of alighting area. COMM ATF tfc 123.2 5NM 4000 ASL NAV NDB STONY RAPIDS YSF 287 (M) N59 15 20 W105 50 10 CAUTION Strong winds may cause heavy swells on open lake

# BLIND CHANNEL BC CAG6 REF N50 25 W125 30 Adj 18°E (2013) 1 Shell 1 Sh



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B18 AERODROME/FACILITY DIRECTORY

## BLUE SEA LAKE (OUTAOUAIS AVIATION) QC

CBS6

	, ii (2 (00 ii (00 ii (0 ii (1 ii (ii)(1 ii (1 ii)(1 i	0200
REF	N46 11 47 W76 03 28 Adj NNW 13°W (2018) UTC-5(4) Elev 561' A5000 A5001 A5002	ANDIUS 5 VIII Q ELEV 561 E
OPR	Vincent Charron 613-299-6964 Reg aprx 11-23Z‡ PPR	Belcourt /
PF	B-1 C-7 D-3	Gravelle / 1
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Point dock £
SERVICES S	2,7	Blue Sea Lake
A/D DATA	Open water Apr-Nov. Depth 2'-6'. Sand bottom. Dock. Sand beach. Skiplanes in win. Ctc opr for conds.	0 1 2 3 4 5 6000'
COMM	(bil) UNICOM Maniwaki ltd hrs O/T tfc 122.8	5NM 3700 ASL
CAUTION	Acft flying at Maniwaki aprt (5.4NM NE of 1900 ASL.	f A/D) on instrument apch may overfly A/D at

## BOISVERT & FILS QC — See MONTRÉAL / BOISVERT & FILS

## BOYD BAY ON — See LAKE MUSKOKA / BOYD BAY

## **BRANDON FSS-RCO**

**Dauphin** 122.3 297.0 (RAAS) 12-02Z‡ (N51 06 W100 04)

## **BRECHIN / RONAN AICRAFT ON**

CDU7

REF	N44 34 17 W79 13 26 2.6NW 11°W (2019) UTC-5(4) Elev 740' A5000	ELEV 740 QADIUS 5 MA
OPR	Doug Ronan 705-327-4730 Reg PPR	2400
PF	C-1,2,5,7,8 D-3,4,6	61,490
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	2000 4 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2
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 whe	n wet. Rwy 08/26 Open May-Nov

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# AERODROME/FACILITY DIRECTORY B19

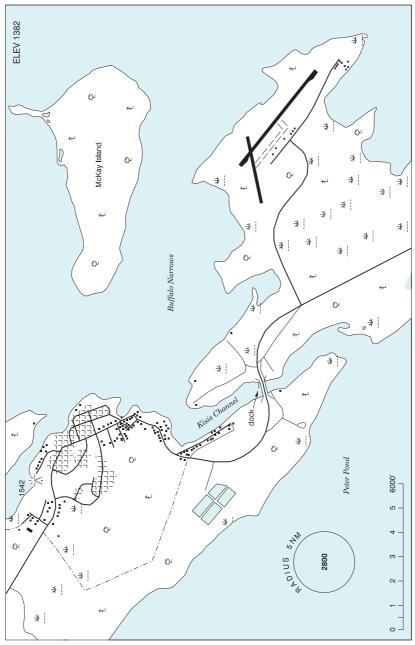
BRECH	RECHIN / RONAN AICRAFT ON (Cont'd) CDU	
COMM		
	ATF	UNICOM ltd hrs O/T tfc 122.95 2.5NM 3800 ASL
CAUTION		A/D status unkn aprx 427' W Thld 07. Unmarked P-lines aprx 200' N Thld 15. Trees aprx 40 AGL aprx 300' W of Thld 08. Aerobatics may be in progress over A/D 5700 ASL & BLW.

BUCKHORN	/ UPPER BUCKHORN LAKE ON	CUB2
REF	N44 31 38 W78 21 27 1.8SSW 11°W (2023) UTC-5(4) Elev 804' A5000	Buckhorn Lake
OPR	David Gage 705-657-1767 Reg PPR	+
PF	C-2,3,4 D-5,6	A DIUS S MA
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
A/D DATA	Open water May 1–Nov 1.	2500
COMM ATF	tfc 122.8 5NM 3900 ASL	
CAUTION	Boat tfc dur sum.	0 1 2 3 4 5 6000'

# BUCK LAKE ON — See SEVERN BRIDGE / BUCK LAKE

# **BUFFALO NARROWS SK**

CJB7



REF	N55 50 39 W108 28 11 Adj E 13°E (2013) UTC-6 Elev 1382' A5015	
OPR	Voyage Air 306-235-4664 Reg	

BUFFALO NARROWS SK (Cont'd)		
PF	B-1,2,3,4,5	
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within	
SERVICES FUEL OIL S	Canada & USA)  100LL, JA Shell 15W50 BP Turbo Oil 2380 5	
A/D DATA Open water mid May-mid Oct. Docks & ramp.		
COMM RCO MF	Regina rdo 118.65 (RAAS) 14-02Z Edmonton 123.275 (FISE) 126.7 (bcst)l Regina rdo 14-02Z O/T tfc 118.65 5NM centred on Buffalo Narrows land A/D 2.0NM E 4500 ASL (CAR 602.98)	
CAUTION	Bridge spans channel mid-point with P-lines spanning channel SE of bridge. Smaller acft (DHC-2, C-185, and PA18) can taxi under the bridge during normal water levels. Beware of boat/watercraft tfc in channel. Slight current in the channel weak ice during win months. Use lake area in front E of town for ski ops.	

# BURDITT LAKE ON CJC7

REF	N48 55 10 W93 48 08 1.5N 1°E UTC-6(5) Elev 1150' A5007	© 1520 ELEV 1150 5 51/4	
OPR	Ross Air 807-482-2362 Reg	V Q \t	
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)	t Burditt	
SERVICES FUEL S	100LL 5	E TO THE REPORT OF THE PROPERTY OF THE PROPERT	
A/D DATA	Open water mid May-mid Nov. Ramp & beach.	Q Q dock Q + £	
COMM ATF	tfc 128.85 5NM 4200 ASL	0 1 2 3 4 5 6000'	
CAUTION Lgtd obst 1520 ASL (270 AGL) 1.0NM N, see A/D sketch.			

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# BURK'S FALLS / KATRINE (THREE MILE LAKE) ON

CTM5

	7 -		
REF	N45 35 13 W79 18 04 4.9SE 11°W (2023) UTC-5(4) Elev 1135' A5000	Three © 135	
OPR	Bruce Klassen 416-737-5573 Reg PPR	Mile Q 1 Q	
PF	C-1,2,4,7 D-3,5,6,8	t t	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)		
A/D DATA	Open water mid May to mid Oct.	qravel 2900	
COMM ATF	tfc 123.2 5NM 4200 ASL	pit 2 3 4 5 6000	
CAUTION	Underwater obst marked by yellow sfc buoys. P-Lines S shoreline. Unlgtd twr	1370 ASL (120 AGL) 0.2NM ENE of dock.	

# BURLINGTON / HAMILTON HARBOUR ON

CHH2

REF	N43 17 56 W79 50 59 2.72SW 10°W (2014) UTC-5(4) Elev 243' VTA A5000	7 111 111 ELEV 243	
OPR	Peter Stewart 905-379-5263 Reg		
PF	C-2,3,4,5,6	Marina	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock dock	
SERVICES S	7	Hamilton Harbour (Lake Ontario)	
A/D DATA	Open water Apr-Oct, mud sand bottom, depth 4'.	0 1 2 3 4 5 6000'	
СОММ			
ATF	TF tfc 122.8 2NM excluding Hamilton CZ 3300 ASL		
CAUTION	Lgtd twr 1787 ASL (1000 AGL) aprx 5NM WNW of A/D.		

BURNEGIE BAY ON — See LAKE JOSEPH / BURNEGIE BAY

#### BURNS LAKE (LD AIR) BC CLD3 REF N54 12 37 W125 45 27 1.4SSE **ELEV 2300** 19°E (2011) UTC-8(7) Elev 2300' A5013 ò **OPR** Lakes District Air Svcs 250-692-3229 £ Rea PN Burns Lake Q PF B-1,3 C-2,4,5,6 dock Q **FLT PLN** AADIUS 5 Ny Kamloops 866-WXBRIEF (Toll free Ó within Canada) or 866-541-4101 (Toll £ free within Canada & USA) Q 5400 £ **SERVICES** PΝ **FUEL** 100LL ŧ Q ŧ. OIL 25-60, 15W50, 20-50

# **PRO**

tfc 123.2 5NM 5300 ASL

dock, muddy bottom.

A/D DATA

**ATF** 

COMM

## Avoid circuit over town and tkof in front of houses on lake. CAUTION Burns Lake land A/D aprx 7NM NW. Heli status unkn 1.5NM N. Twr on hill abv dock 150 AGL

# BUTTERFLY LAKE ON — See PORT CARLING / BUTTERFLY LAKE

Open water May to mid-Nov. Depth 8' at

CAMBRIDGE	BAY NU	CJD7
REF	N69 07 20 W105 01 15 7°E (2014) GV119°E 3SW UTC-7(6) Elev 00' A5042 LO5	ELEV 00
OPR	Adlair Aviation 867-983-2569/2247 Reg	dock
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) 867-983-2501 lcl wx only; other wx O/R	1900 (190) (1900 (1900 (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900 (
SERVICES	Call out chgs may be levied.	1900
FUEL	100(D) Ctc CARS for assistance O/T Kitnuna Petroleum Ltd 867-983-5109/7500	0 1 2 3 4 5 6000'
OIL	All	
S	5	
A/D DATA	Open water mid Jul-mid Sep exc drift ice possible in bay til Aug. Tidal range 2', current 1-5 kt, small island in harbour. Exposed shoal NE of dock dur low water levels.	
СОММ		
RCO MF	aprt rdo 122.1 5NM centred on Cambridge Bay A/D 2.3NM WSW 3100 ASL (CAR 602.98) Edmonton Ctr 134.675	
PAL APRT RDO		

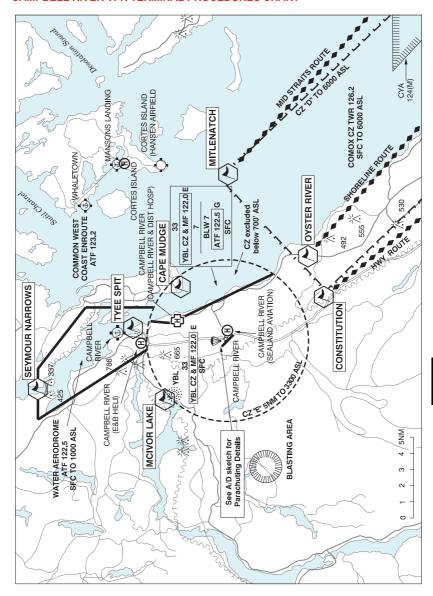
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CAMBRIDGE BAY NU (Cont'd) CJD			
NAV	1		
NDB	B CB 245 (H) N69 06 49 W105 00 54		
VOR/DME	YCB 112.7 Ch 74 N69 07 04 W105 10 22 (131') VOR oriented on True North.		
PRO	Do not land on lakes btwn aprt & settlement as water is used for drinking.		
CAUTION	SW wind cause heavy seas. Cable span 0.5NM S of river mouth.		

#### **CAMBRIDGE** (PUSLINCH LAKE) ON **CMB3** ELEV 1000 **REF** N43 25 14 W80 15 25 3.5NE 10°W 66 UTC-5(4) Elev 1000' VTA A5000 **OPR** Ron & Yvonne Harper 519-496-2240 Reg PPR B-1 C-2,3,4,5,6 PF **FLT PLN** FIC London 866-WXBRIEF (Toll free within dock Puslinch DIUS Canada) or 866-541-4104 (Toll Free Big Island within Canada & USA) Lake Lake Lake **SERVICES** 2700 5, 7 A/D DATA Open water Apr-Oct, mud & sand bottom. Docks depth 4' 6000 COMM **ATF** tfc 123.2 5NM 4000 ASL **CAUTION** Lake is 5.8NM from CYKF. Pilots may ctc YKF twr 126.0 on apch to lake for tfc advsy. Hvy boat tfc on wknds.

## CAMPBELL RIVER VFR TERMINAL PROCEDURES CHART



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# 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	CAE3
	REF	N50 03 W125 15 18°E (2013) UTC-8(7) Elev 00' A5004	ELEV 00 Gowlland Island
	OPR	Corilair Charters Ltd 250-287-8371 PPR Reg	paper mility Sandbars April Point
	PF	A-1,6 C-2,4,5	KAU JAMAN AND AND AND AND AND AND AND AND AND A
Ī	CUST	AOE/15/SEAPL 888-226-7277	2700 OSCAR
	FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	strobe light
	SERVICES S	1,2,3,4,5	SIERRA breakwater
	A/D DATA	Gravel & mud bottom. Ramps & beach. Dock fees ctc Opr.	0 2 4 6 8 10 12000'
	COMM MF	Campbell rdo 1330-0530Z‡ O/T tfc 122. 6NM SE 3300 ASL refer to VTPC (CAR tfc 122.5 area as depicted on VTPC	0 5NM centred on Campbell River land A/D 602.98)
	NAV NDB	YBL 203 (LZ) N50 00 23 W125 21 2	27

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## CAMPBELL RIVER BC (Cont'd) CAE<sub>3</sub> Circuit at 1000' ASL. Preferred tkof/ldg area is area Oscar. Area India used for **PRO** tkof/ldg when cond do not allow acft ops in area Oscar. No ldgs/tkof permitted within the upper part of Campbell River or South chan leading to the freshwater marina. Step taxi around the spit is proh. NOISE NOISE ABATEMENT PROCEDURE: Avoid noise sensitive areas. Use noise abatement profile for acft type. Prior to 0800 Icl all dep to SE when wind & water permit. Area Oscar - When Idg SE fr straight-in, report final by Orange Point at 500' ASL. **DEPARTURES:** Area India/Sierra - Same direction for tkofs & ldgs should be used. STROBE LIGHT - An acft rdo activated strobe lqt lctd at the north end of Tyee Spit, alerts mariners & airmen of arr/dep seaplane in areas India, Sierra & Oscar. Key mic 5 times within 5 sec on 122.5; the strobe lgt is white, quick flashing & has a duration of 90 secs (subject to unsked outages). CAUTION Area India & chan at N of India may be impassable below 3' tides. Shallow areas may restrict use of Area India at tides of 3' or less: Chan at W end may be impassable due to shallow water & steel pillings. Extv boat tfc Jun-Sep. Heliports adj. Campbell River CZ adj S. Avoid tkof/ldg in the Tyee Pool dur Jul 15-Sep 15. Swells in the vic of, or in the Tyee Pool, present extreme hazard to small acft.

# **CAMP CORDERO** BC

CAK6

REF	N50 27 W125 28 18°E (2013) UTC-8(7) Elev 00' A5004	î
OPR	Camp Cordero 250-287-0917 Reg	\$ £ & &
PF	B-1,2,5	dock
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Lorte Cordero Channel  Cordero Channel  Erasmus
A/D DATA	Rocky bottom.	Island Q 5100
COMM	tfc 123.2 2NM 1500 ASL	Crawford & Q Anchorage Q Q & Q Q
		0 1 2 3 4 5 6000'

**CAMPING PONTBRIAND (HYDRO) QC** — See RAWDON / CAMPING PONTBRIAND (HYDRO)

CAPE GEORGE NS — See ST. PETER'S / CAPE GEORGE

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#### **CARCROSS YT** CEB7 ELEV 2152 REF N60 11 W134 42 Adj 21°E (2013) UTC-7 Elev 2152' A5021 A5028 A5099 **OPR** J.E. Lishman 867-821-3204 Reg Q Q PF C-1,2,3,4,5 Q Grayling Boy **FLT PLN** £ Kamloops 866-WXBRIEF (Toll free dock RADIUS Ç 5 N4 within Canada) or 866-541-4101 (Toll free within Canada & USA) A/D DATA Tagish Lake. Open water Jun-Oct. 8300 Current 1kt. Beaches & slipway. Area Bennett may be used for ski ops dur win months. Lake COMM 6000 **ATF** tfc 123.2 5NM centred on Carcross land A/D adj 5200 ASL PRO Pilots entering Canada must report to Whitehorse Airport for processing 888-226-7277 2 hrs PN

# CAREY LAKE ON — See HEARST / CAREY LAKE

Telegraph wires over bridge SW of A/D.

CAUTION

# CARIGNAN / RIVIÈRE L'ACADIE QC CJF2 ELEV 30 APRX Q RADIUS Q 2100 Q marina ę Île Q Goye Île aux Lièvres Chambly Basin golf course Demers

REF	N45 28 26 W73 17 42 15 W (2014) UTC-5(4) Elev 30 aprx VTA A5002	
OPR	René Bouthillier 514-910-7363 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)	
A/D DATA	Open water May-Oct.	

# CARIGNAN / RIVIÈRE L'ACADIE QC (Cont'd) COMM ATF TML (bil) tíc 123.2 5NM BLW 2000 ASL outside CYHU CZ Montréal 134.15 2000 ASL & abv PRO Tkof/ldg & step taxiing proh on Acadie River. Acces to dock might be ltd by avbl height under bridge, half-way btwn dock and Richelieu River. Ctc Opr. CAUTION Rwy adj W. Common freq. Possible debris on Acadia River and Richelieu River.

#### CARNARVON / KUSHOG LAKE ON CKA7 LEV 1089 N45 02 42 W78 45 40 2.7W **REF** Kushog11°W (2021) UTC-5(4) Elev 1089' A5000 Brent Heise 705-457-0237 Reg **OPR** PPR 7 **FLT PLN** London 866-WXBRIEF (Toll free within dock Canada) or 866-541-4104 (Toll free within Canada & USA) A ADIUS 5 A/D DATA Open water mid-May to Oct. Water depth 2-6', rocky shoreline with sandy bottom. Docks with mooring. 2700 ŧ ŧ СОММ £ Q **ATF** tfc 123.2 5NM 4100 ASL £ Q CAUTION Lgtd twr 1613 ASL (360 AGL) 2.1NM E 3 6000 of A/D. Recreational boating act May-Oct, anticipate higher act wknds and hols.

CASCADES	QC	СТҮЗ
REF	N45 35 09 W75 52 05 1.7N 14°W UTC-5(4) Elev 340' A1905 A5000 A5002	Q £ ELEV 340 Q Q O U S 51/4
OPR	Roland Lebel 819-459-2116 Reg	£ (3100
PF	C-1,2,4,5 D-3	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Gatineau Q Q River
SERVICES FUEL S	100LL Emerg only 1,5,6	
A/D DATA	Open water mid Apr-mid Dec. Dock depth 3-6'.	0 1 2 3 4 5 6000'
COMM	tfc 123.2 5NM 3400 ASL	
NAV DME	OTTAWA YOW 114.6 Ch 93 N45 2	26 30 W75 53 49 (450′)

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# CHANDOS LAKE / SCIUK'S LANDING ON

CCL5

REF	N44 48 17 W77 58 15 5.8ENE Apsley 12°W (2020) UTC-5(4) Elev 1037' A5000	ELEV 1037 PARTIES STATE
OPR	Phil Sciuk 289-314-2900 Reg PPR	2600
PF	D-2,3,4,5,6	Q 1 P 2 S
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t Q Chandos
A/D DATA	Open water May 1-Nov 1. Rocky shoreline.	Lake
COMM	tfc 123.2 5NM 4100 ASL	0 1 2 3 4 5 6000
CAUTION	Hvy recreational boat tfc dur sum.	0 1 2 3 4 5 6000

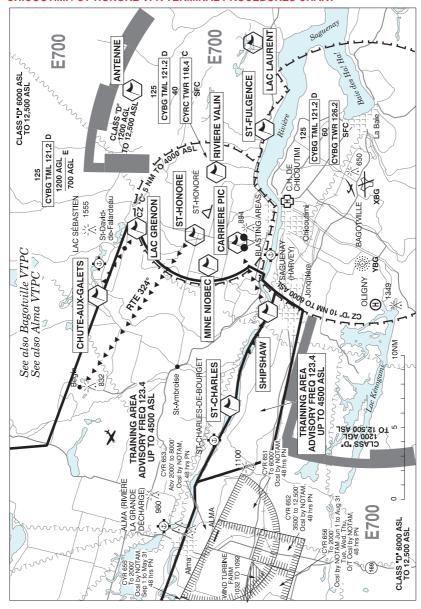
# CHANNING MB — See FLIN FLON / CHANNING

# CHARLIES LANDING ON — See SCUGOG / CHARLIES LANDING

## CHARLOTTETOWN FSS-RCO

**Sydney** 122.0 (RASS) (U) (N46 10 W60 03)

## CHICOUTIMI / ST-HONORÉ VFR TERMINAL PROCEDURES CHART



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# 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"

CHURCHILL	MB	CJJ7
REF	N58 42 W94 03 5SE 2°W (2014) UTC-6(5) Elev 46' A5024 A5025	2 P ELEV 46 V Q
OPR	Wings over Kississing 204-687-8247 Reg	Q docks Q Q
PF	C-1, 3 D-2, 4, 5, 6	government dock farnworth
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) (briefing fac in tml bldg at Churchill land A/D)	Lake  Q  Lake  Q  1600  Lake  Q  Q  1  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q
A/D DATA	Open water July-Sep. Ldg area average depth 5-10'. Gravel beach along shore road in front of nose hg. Depth 6'-8', gravel & mud bottom.	0 1 2 3 4 5 6000
COMM RADIO RCO MF	126.9 (V) (emerg only 204-675-2524) Edmonton rdo 123.275 (FISE) 126.7 (k rdo 126.9 5NM centred on Churchill lai	
NAV VOR/DME	YYQ 114.1 Ch 88 N58 44 30 W94 08 07 (45')	
CAUTION	Submerged rocks. Extv bird activity May-Sep. Comm twr at N58 44 16 W93 49 09 (7.6NM ENE A/D) 269 ASL 175 AGL, unlgtd Jan 1-Apr 1.	

#### CHURCH LAKE NS CHL<sub>3</sub> **ELEV 280** Q REF N44 33 34 W64 36 44 Adj 18°W (2014) UTC-4(3) Elev 280' 7 A5003 ŧ. Q **OPR** Christopher Ball 902-644-3604 Reg dock PF A-1 D-2,3,4,5,6 Q ŧ **FLT PLN** London 866-WXBRIEF (Toll free within PADIUS Canada) or 866-541-4104 (Toll free 5 N2 ŧ. within Canada & USA) ACC (IFR only) Moncton 506-867-7177 or Q 866-480-8200. 2100 **SERVICES** MOGAS PN **FUEL** ŧ. 6000 A/D DATA Open water aprx Apr-Nov COMM **ATF** tfc 122.8 5NM 3300 ASL **CAUTION** Shallow water and obstacles near W shore. New Germany water A/D aprx 6NM W, UNICOM 122.8. Training area around water A/D up to 3000 ASL, see Liverpool VTPC - Training Area.

## **CLEARWATER LAKE ON — See WASHAGO / CLEARWATER LAKE**

CLOVA / LAC	DUCHAMP QC	CST6
REF	N48 06 36 W75 21 57 Adj 15°W UTC-5(4) Elev 1375' A5009	ROLUS SAME ELEV 1375
OPR	Pourvoirie Tamarac Inc 819-662-3300, 450-223-1298 (winter 877-222-1298) Reg PPR	2 Lac £ Q £
PF	B-1,2,3,5	Q 1 Q 1 Q
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	dock 2 t
SERVICES FUEL OIL S	100LL, MOGAS PN 100 5	£ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A/D DATA	Open water May-Oct. Ramp & beach.	
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 4400 ASL	
CAUTION	Twr 100 AGL near dock. Twr 600 AGL SW of dock distance unknown.	

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pilot discretion & safety.

**B34 AERODROME/FACILITY DIRECTORY** 

**PRO** 

#### COAL HARBOUR BC CAQ3 ELEV 00 **REF** N50 36 W127 35 18°E (2013) ්ල UTC-8(7) Elev 00' A5004 ŧ £ **OPR** Coal Harbour Investments 250-949-6371 daylight hrs Reg Q PF B-1 D-3,4,5,6 doc £ **FLT PLN** Coal Harbour Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll 5 N2 AD free within Canada & USA) Q **SERVICES** 250-949-6371 3600 **FUEL** 100LL £ OIL 50,65 Holberg Inlet S 4 COMM **ATF** tfc 123.2 2NM 1500 ASL

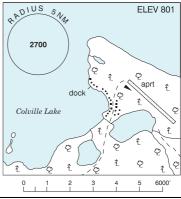
No flt over town site. Dep to the SE when conditions allow. Use Bravo for dep in light & variable winds. Use Alpha in moderate-strong westerly. All tkof & ldg are subject to

COCHRANE	ON	CNN5
REF	N49 06 35 W81 02 00 2N 12°W UTC-5(4) Elev 807' A5009 LO4	£ & £ ELEV 807
OPR	Cochrane Air Services 705-272-5570 Reg	cochrane Air Service
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t Q t Q t Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
SERVICES FUEL OIL S	100LL All 2,5	2600 t t t april 2
A/D DATA	Open water May-mid Nov. Ramp & beach.	0 2 4 4 8 10 12000'
COMM	UNICOM 13-23Z‡ O/T tfc 122.8 5NM 3	3800 ASL
CAUTION	Large weed patches at times in ldg area	l.

## **COLVILLE LAKE NT**

CED7

REF	N67 02 29 W126 06 02 21°E (2018) UTC-7(6) Elev 801' A5034 A5035	RADIUS
OPR	Kapami Co-op Assn 867-709-2900 Reg	2700
PF	C-1,5	
FLT PLN		
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Colville La
A/D DATA	Area may be used for ski ops dur win months.	ŝ,
COMM	tfc 123.2 5NM centred on Colville Lake	£ Q
AIF	land A/D adj 3900 ASL	0 1

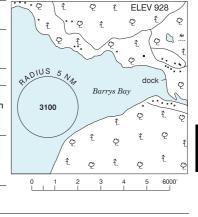


# **COMBERMERE / KAMANISKEG LAKE ON**

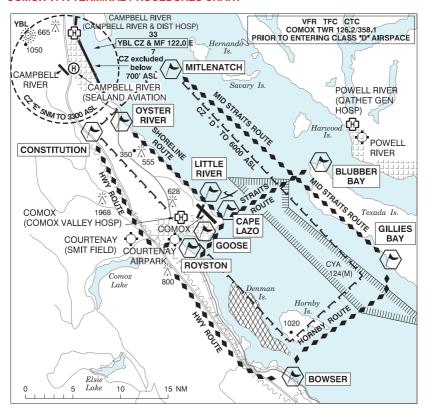
CNP5

REF	N45 23 W77 39 2.5WNW 13°W UTC-5(4) Elev 928' A5000	
OPR	Madawaska Valley Air Service 613-756-2703/800-267-8507 Reg PPR	
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)	
SERVICES FUEL OIL S	100 All 2,5	
A/D DATA	Open water May-Nov. Sand bottom & beach	
NAV		

KILLALOE YXI 115.6 Ch 103 N45 39 47 W77 36 10



## **COMOX VFR TERMINAL PROCEDURES CHART**

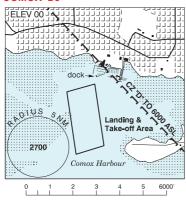


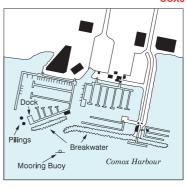
NAME	IDENT	LAT/LONG
BLUBBER BAY	VCBLR	N49° 48' 00" W124° 37' 00"
BOWSER	VCBSR	N49° 26' 00" W124° 40' 00"
CAPE LAZO	VCLZO	N49° 42' 42" W124° 51' 24"
CONSTITUTION	VCCNS	N49° 51' 00" W125° 12' 00"
GILLIES BAY	VCGIL	N49° 37' 00" W124° 26' 00"
GOOSE	VCGSS	N49° 40' 00" W124° 55' 20"
LITTLE RIVER	VCLRV	N49° 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"

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

# COMOX BC







REF	N49 40 14 W124 55 57 adj SSW 17°E (2016) UTC-8(7) Elev 00′ A5004	
OPR	Comox Valley Marina 250-339-2930/218-2827/218-5159 Reg Dock fees	
PF	A-1,2,3 C-4,5,6	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
SERVICES S	7 1530-24Z‡ O/T fax 250-339-2930 for prior arngs	
A/D DATA	Dock, loc W side of marina. Tidal range 17'.	
COMM	tfc 123.35 3NM 1500 ASL centred on Courtenay Airpark, exc area within Comox CZ. 122.85 on water.	
PRO	ARRIVALS / DEPARTURES:  1. Wx conditions permitting, all tkofs & ldgs will commence and/or terminate SW of the mooring buoy (see sketch).  2. All dep to SE when wx conditions permit.  3. Avoid built up areas.  4. A/C prohibited between breakwaters into inner harbour unless PPR from Opr. SEE COMOX VTPC FOR TRANSIT ROUTES.	
CAUTION	A/D (Courtenay Airpark CAH3) 2NM W (circuit alt 800 ASL). Heavy mil tfc in adj Comox CZ. Mooring buoy aprx 300´S of breakwater, pilings loc in vic (see sketch). Extv commercial and recreational boating tfc in vic. Use caution while in shallows. Swell if SE winds.	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B38 AERODROME/FACILITY DIRECTORY

# **CONFEDERATION LAKE ON**

CJL7

REF	N51 03 W92 50 1°W (2014) UTC-6(5) Elev 1323' A5007	
OPR	KaBeelo Airways Ltd 807-222-3246 Reg	
PF	B-1,2,5 PN sum only	dock £
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)	t & t & c t & c & c & c & c & c & c & c
SERVICES FUEL OIL S	100LL O/R, JA 20/60 O/R 5	2800 t Q t Q Q
A/D DATA	Open water May-mid Nov. Depth 4-20', silt & sand bottom. Dock.	
COMM ATF	UNICOM 122.8 5NM 4400 ASL	
CAUTION	Twr 1463 ASL adj to dock.	

					MI	

CCR8

REF	N47 55 30 W55 34 40 9SW 19°W (2013) UTC-3½(2½) Elev 350' A5011 A5012	ELEV 350 Q 1 + Q - 1
OPR	Micmac Air Services 709-882-2923/3948, at site 709-538-7532 Reg	dock Q
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.	Q River Pond Q 2300
SERVICES FUEL	100LL PN Call out chg may apply	0 1 2 3 4 5 6000'
A/D DATA	Open water May-Nov. Moorings & beac	hings.
COMM	tfc123.2 5NM 3400 ASL	
CAUTION	Shallow water at NE end of lake. High w	vaves with SW wind.

#### **CONSTANCE LAKE ON** CNQ<sub>5</sub> ELEV 196 ---**REF** N45 24 10 W75 58 32 4NE 14°W UTC-5 (4) Elev 196' A1905 A5000 ŧ. A5002 Q **OPR** C. & S. Haddad 613-832-3695/2097 Rea Ltd hrs PN $Constance\ Lake$ ŧ. B-1,2,5 C-3,4,6 PF DARDIUS SNA **FLT PLN** FIC Québec 866-GOMÉTÉO or £ 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within 2000 Canada & USA) **SERVICES** Mon & Tue by appointment PN **FUEL** 100 1,2,5 NAV OTTAWA YOW 114.6 Ch 96 N45 26 30 W75 53 49 (450') DME Carp ATF area 3NM SSW (122.8 5NM 3400 ASL). CAUTION

## COOKING LAKE AB — See EDMONTON / COOKING LAKE

CORDOVA N	IINES / BELMONT LAKE ON	CBE4
REF	N44 30 25 W77 49 22 2.4SW 11°W (2023) UTC-5(4) Elev 613' A5000	ELEV 613 t. Belmont Lake Twin to Twin
OPR	Glenn Jager 905-767-5737 Reg PPR	Ψ / Ψ / S t
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	shallow water water dock of River Bay
A/D DATA	Open water May-Nov. Rocky shoreline. Shallow water apch to ramp, deep water at dock.	River Bay
DOCKS/ MOORINGS	Ramp, dock	t ① docking approaches
COMM		0 1 2 3 4 5 6000°
ATF	tfc 123.2 5NM 3700 ASL	
CAUTION	Marked rocks 100' fr shore aprx 500' N	of dock.

## COTTAGE AIR ON — See LAKE MUSKOKA / COTTAGE AIR

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B40 AERODROME/FACILITY DIRECTORY

# **COURTENAY AIRPARK BC**

CBG9

REF	N49 40 53 W124 58 53 17°E (2016) UTC-8(7) Elev 00' A5004	tkof/ldg area 1199
OPR	Courtenay Airpark Association 250-334-8545 Reg	ramp
PF	B-1,2 C-3,4,5,6	- IIIIII aprt
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	tkof/dg area
SERVICES S	2,3,7	3300
A/D DATA	Gravel bottom, tidal range 13'. River shallow at low tides.	0 1 2 3 4 5 6000
COMM		_ 0 1 2 3 4 5 6000'
ATF	tfc 123.35 3NM 1500 ASL exc area wi	thin Comox CZ
PRO	Circuit N of ldg area. Circuit alt 800 ASI westbound ldgs.	Avoid built up areas. Right-hand circuit for
CAUTION	Hvy mil tfc in Comox mil CZ 1NM N. Ad seasonal bird activity.	lj land A/D. Bird sanctuary within A/D. Hvy

# CRANBROOK FSS-RCO

**Abbotsford** 119.4 (RAAS) 07-15Z‡ (N49 01 39 W122 22 28)

# CREE LAKE (CRYSTAL LODGE) SK

CRE4

CIVEL LAKE	(CKTSTAL LODGE) SK	CRE4
REF	N57 27 43 W106 44 46 11°E (2013) UTC-6 Elev 1595' A5023	P         P         ELEV 1595           P         P         P
OPR	Ron Olson 306-222-8339 Fax 306-374-4411 Reg	Q t Q t
PF	B-1,2,5 PN Opr Jun 1-Sep 20	aprt // P
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Cree take
A/D DATA	Open water Jun 1-Sep 20	<u> </u>
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 4700 ASL	1 2 3 4 5 6000°

# **CUMBERLAND BAY NB**

CCB7

REF	N46 00 21 W65 54 19 2WSW 18°W (2017) UTC-4(3) Elev 10' A5003	Cumberland Q ELEV 10 Q
OPR	Brian Pinsent 506-383-1867 Reg PN	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
PF	C-1,2,5	Mooring Buoys $Q$
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	dock Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
A/D DATA	Open water May-Oct. Depth 10-12'. Mud and rock bottom. Ramp and moorings.	Q £ Q
COMM ATF	tfc 123.2 5NM 3100 ASL	

## DALRYMPLE LAKE / POWERS ON

CDR2

REF	N44 41 04 W79 06 23 9NNW Kirkfield 11°W (2023) UTC-5(4) Elev 735' VTA A5000	ELEV 735 # £ December 10 Creek
OPR	Paul Powers 289-355-9164 Reg PPR	£ 2 £
PF	C-1,2,3,4,5,6	# # # # Q Q £
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	+ + + + + + + + + + + + + + + + + + +
A/D DATA	Open water May 1-Nov 1. Dock.	2300 Lake
COMM	tfc 122.8 3NM 3800 ASL	Avery Point £
CAUTION	Rock shoal 40' fr dock marked with buoys.	0 1 2 3 4 5 6000'

# DAVIS POND NL — See SPRINGDALE / DAVIS POND

# **DEEP BAY ON —** See PARRY SOUND / DEEP BAY

## **DEER LAKE FSS-RCO**

St. Anthony 122.3 (RAAS) (N51 23 31 W56 04 59)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

DÉLINE NT		CEN7
REF	N65 11 W123 25 Adj 23°E (2013) UTC-7(6) Elev 512' A5035	© Q
OPR	Charter Community of Déline 867-589-4800 Ltd hrs Reg	
PF	C-1,2,4 at adj land A/D	Q € Q
FLT PLN FIC CARS	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 867-589-3033 Ltd hrs (see COMM)	dock  Great Bear Lake
SERVICES S	5	
A/D DATA	Keith Arm of Great Bear Lake & lake 0.4NM W of settlement. Open water mid May-mid Oct. Fair anchorage, shoreline rocky.	0 1 2 3 4 5 6000'
COMM MF APRT RDO	aprt rdo ltd hrs O/T tfc 122.1 5NM cent 3700 ASL (CAR 602.98) 122.1 (V) 14-00Z‡ Mon-Sat, 18-23Z‡ 1.7NM NNW	red on Déline land A/D 1.7NM NNW Sun exc federal observed hols, at land A/D
CAUTION	No sheltered fr E winds. Swells hi if E w	inds exceed 15 m.p.h.

## DIGBY ISLAND BC — See PRINCE RUPERT / DIGBY ISLAND

# **DOCTOR'S LAKE EAST NS**

CDL5

REF	N43 52 54 W66 05 51 0.7NW 17°W (2014) UTC-4(3) Elev 10' A5003	ELEV 10
OPR	Richard Hurlburt 902-749-7540 Reg	2000 Q Doctor's Q
PF	B-1 C-2,3,4,5,6	Q Lake
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.	
A/D DATA	Open water Apr-Dec min water depth 3' at dock	0 0
СОММ		0 1 2 3 4 5 6000'
RCO MF	London rdo 123.55 (FISE) UNICOM (AU) 123.0 5NM centered on (CAR 602.98)	Yarmouth land A/D 3.2NM SSE 3100 ASL
PAL	Moncton Ctr (Yarmouth) 123.9 368.5	
CAUTION	Lgtd twrs in vicinity E & N up to 734 ASL	_ (564 AGL)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

# DOCTOR'S LAKE WEST NS

CDL6

REF	N43 53 04 W66 06 09 1.0NW 17°W (2014) UTC-4(3) Elev 10' A5003	ELEV 10		
OPR	David Arenburg 902-742-7437 902-749-8547 Reg PN	2000 Q Doctor's Q Q Q Q Lake		
PF	B-1, C-2,3,4,5,6	Q dock		
FLT PLN FIC	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.			
A/D DATA	Open water Apr-Dec min water depth 3' at dock	0 1 2 3 4 5 6000		
СОММ				
RCO	London rdo 123.55 (FISE)			
MF	UNICOM (AU) 123.0 5NM centred on Yarmouth land A/D 3.6NM SSE 3100 ASL (CAR 602.98)			
PAL	Moncton Ctr (Yarmouth) 123.9 368.5			
CAUTION	Lgtd twrs in vicinity E & N up to 734 ASI	_ (564 AGL)		

# DORSET / AVERELL'S COVE ON

CAC5

REF	N45 18 29 W78 45 14 7ENE 11°W (2023) UTC-5(4) Elev 1165' A5000	James Bay
OPR	Hans Veit 647-223-2640 Reg PPR	Q t g t
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t Cong Island
A/D DATA	Open water Apr-Dec. Depth 3' at dock. Island, no road access.	(1) (1) (2) (3000 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
COMM	tfc 123.2 3NM 4200 ASL	Kawagama Lake
CAUTION	Hi terrain N of AD. Stump in water, marked 30' fr end of dock. Strong winds may cause downdrafts off hills.	0 1 2 3 4 5 6000'

# DORSET / KAWAGAMA LAKE (SOUTH) ON

CDK3

REF	N45 15 50 W78 47 32 4.5ENE 11°W (2012) UTC-5(4) Elev 1165' A5000	ELEV 1165
OPR	Mike Wiebe 905-520-8500 Reg PPR	Kawagama Lake
PF	C-1,2 D-4,5	camp †
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
A/D DATA	Open water May-Nov. Water depth min 4' at dock. Sand beach in front, and on north side of bay behind dock.	3000
COMM		***/ / / /
ATF	tfc 123.2 5NM 4200 ASL	0 1 2 3 4 5 6000'
CAUTION	Wind from NW may bring downdrafts across nearby hill. Numerous watercraft Jul-Aug. Windsock may not indicate east winds accurately	

# DRUMMONDVILLE QC

Ī

CSA7

REF	N45 51 16 W72 23 22 4E 15°W (2013) UTC-5(4) Elev 320' A5002	ELEV 320 Q t TO US 514
OPR	SDED -Aéroport de Drummondville 819-472-1011 Fax 819-472-4291 Reg PPR	2000
PF	B-1 C-2,3,4,5,7,8	Rivière
CUST	AOE/15/SEAPL 888-226-7277 1330-2130Z‡ Mon-Fri exc hols	dock State of the
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 AUTO 819-850-0624 H24 (see COMM)	V8 aprt 1 2 3 4 5 6000°
SERVICES FUEL OIL S	100LL, JA PN only 80, 100, 15W50 2,5	
A/D DATA	Open water May-mid Nov. Depth 4', san	d bottom. Ramp.
COMM MF AUTO	(bil) UNICOM ltd hrs O/T tfc 122.8 5NM 3400 ASL (CAR 602.98) 122.55	
NAV NDB	Y8 401 (L) N45 50 50 W72 23 56	
PRO	Land A/D adj, acft at low alt over the river.	
CAUTION	P-line crossing 533 ASL 3NM SE.	

DRYDEN ON CJD8 **REF** ELEV 1210년 N49 46 W92 50 1S 0° UTC-6(5) ADius Elev 1210' A5007 5 **OPR** Dryden Flying Club 807-221-9363 Reg PF B-1 C-2,3,4,5,6 3100 **FLT PLN** Pilots to open/close VFR flt plan with London rdo, FISE or by phone FIC London 866-WXBRIEF (Toll free within Dryden Canada) or 866-541-4104 (Toll free Flying Club within Canada & USA) **SERVICES** Wabigoon Lake S 5 Anderson A/D DATA Open water mid May-mid Nov. Ramp & Island 6000 COMM Sioux Lookout rdo 122.1 5NM centred on Dryden Regional land A/D 5.2NM NE 4400 ASL (CAR 602.98) NAV IHD 109.7 Ch 34 N49 50 06 W92 44 58 (1383') **DME** CAUTION Reef. Floating logs & deadheads.

## DUDLEY BAY ON — See LAKE MUSKOKA / DUDLEY BAY

## **DUNSFORD SEAPLANE BASE ON**

CDS5

REF	N44 30 07 W78 37 05 3.2NNE 11°W (2020) UTC-5(4) Elev 812' A5000	ELEV 812 Birch Point McConnell 47 Ng Ng
OPR	Cecil Shaw 705-928-2933 Reg PPR	Island Ancona Ancona
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Point dock Sturgeon Lake  Sturgeon Lake  Output  Outpu
A/D DATA	Open water May-Oct	R RAD NA
COMM	tfc 122.8 3NM centred on Dunsford Heliport adj SE 4000 ASL	1 2 3 4 5 6000°

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B46 AERODROME/FACILITY DIRECTORY

# **DWIGHT (FOX POINT) ON**

CFP2

	•	
REF	N45 16 26 W79 00 43 Adj 12°W UTC-5(4) Elev 1100' A5000	ELEV 1100 Q TO DIUS SNA
OPR	Dr. Gary Magee 647-802- 4107 (text or call) Reg	₹ 3200
PF	C-1,2,5 D-3,4,6	Haystack
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Bay dock
SERVICES S	7	£ £ Q Fox Q £
A/D DATA	Open water mid Apr-Dec. Dock depth 4', sandy bottom.	0 1 2 3 4 5 6000'
СОММ		
ATF	tfc 123.2 5NM 4100 ASL	
CAUTION	Lgtd tower 300 AGL lctd 0.25NM N of A	/D.

## **DWIGHT / LIMBERLOST FOREST ON**

CLL4

		ELEV/1000
REF	N45 23 50 W79 00 24 4NNE 11°W (2020) UTC-5(4) Elev 1230' A5000	ELEV 1230 DIUS 5 M
OPR	G. Cockwell 705-635-1989 Reg PPR	£ 3000
PF	B-5 D-2,3,4	8 1
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock dock dock dock dock dock dock dock
A/D DATA	Open water May 15-Nov 1. Dock W of sand beach. Ski planes Dec 20-Mar 15.	t Lake
COMM		
ATF	tfc 123.2 5NM 4300 ASL	0 1 2 3 4 5 6000'
CAUTION	Lgt twr 1840 ASL (345 AGL) aprx 1.3NM S. Lgt twr 1880 ASL (331 AGL) aprx 1.3NM SSE. Marked underwater obst S of beach. Windsock avbl Dec 20-Mar 15 only.	

## **DWIGHT / SOUTH PORTAGE ON**

CLB3

D1110111700	OTHI OKIAGE ON	OLDS
REF	N45 19 03 W79 04 04 2.5W 11°W (2018) UTC-5(4) Elev 1035' A5000	Q £ ELEV 1035
OPR	Bryan Hope 705-783-6736 Reg	3100
PF	B-1 D-2,3,4,5,6	δ/ * π
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q Rate Cock & Rate Cock Bay
A/D DATA	Open water mid May-Nov. Depth at dock 2'. Rocky shoreline. Mud bottom.	Helen Island
COMM	tfc 123.2 5NM 4100 ASL	0 1 2 3 4 5 6000

# EAGLE RIVER / RIFFLIN' HITCH NL

CRH3

REF	N53 25 14 W57 41 39 30WSW Cartwright 20°W (2023) UTC-4(3) Elev 151' A5020	t Q ELEV 151
OPR	Rifflin' Hitch Lodge 709-907-0258, 709-640-4840 Reg PPR A/D open May 25-Oct 25	
PF	B-1,2,5	Q t dock Q
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	rapids
A/D DATA  DOCKS	Open water mid May-end Oct. Depth 4-12', sand & rock bottom. Floating. Dock depth 5'.	t t t 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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	Rocky outcrops 0.3NM SSE of dock, see sketch.	

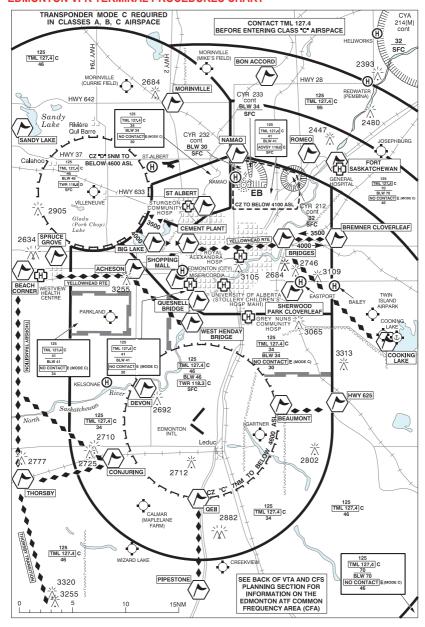
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B48 AERODROME/FACILITY DIRECTORY

EAR FALLS	ON	CJE8
REF	N50 35 W93 10 3SSE 0° UTC-6(5) Elev 1171' A5007	2 £ 2 + ELEV 1171 }
OPR	Kay Air Svc 807-222-2434 Reg	t Q POIUS SAM
PF	B-1 D-2,3,4,5	THE PERSON SERVICE SER
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)	gravel pit  Pit  Kay Air  Lac Seul
SERVICES FUEL OIL S	100LL 100 5	Kay Air  Ray
A/D DATA	Open water mid May-Oct. Depth 6', rocky shoreline. Ramp & beach.	0 2 4 6 8 10 12000'
COMM	UNICOM 123.0 5NM 4200 ASL	
CAUTION	Lgtd twr 1690 ASL 1.2NM NW	·

# ECHO BAY BC — See GILFORD ISLAND / ECHO BAY

## **EDMONTON VFR TERMINAL PROCEDURES CHART**



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B50 AERODROME/FACILITY DIRECTORY

# 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 FIC-RCO**

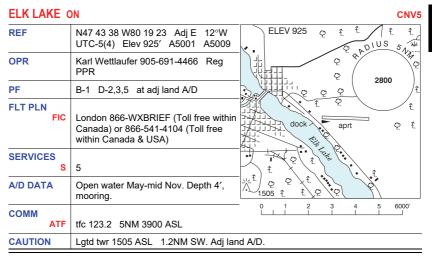
For a list of Edmonton RCOs and map, see Planning Section under FISE RCOs.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

# **EDMONTON / COOKING LAKE AB**

CEE7

REF	N53 25 22 W113 06 16 15.7ESE 15°E (2013) UTC-7(6) Elev 2419' VTA A5015	ELEV 2419
OPR	Cooking Lake Condominium Assn 780-964-2272 Reg	4600
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)	aprt ramp 1
SERVICES FUEL OIL S	100LL Float Planes must be amphibious to access pumps All 5	Cooking Lake
A/D DATA	Open water mid May-Oct. Normal depth 2-4', soft clay bottom. Numerous sand bars. No docks or moorings avbl due to low water levels.	
COMM	tfc 123.35 5NM centred on Cooking Lake land A/D adj 4600 ASL excluding Edmonton TCA (CAR 602.98) (Refer to Edmonton VTPC)	
PRO	For VFR routes see Edmonton VTPC or as directed by ATC.	
CAUTION	Shallow water throughout lake, mud bottom and rocks close to surface in areas. 7000 lb acft will drag dock or moorings in 20 mph wind. 20 mph wind causes water depth of 1ft. Mid lake rock shoals marked with obst buoys. Adj land aprt circuit tfc in immediate vic. Check NOTAM. A/D has been clsd most months due to low water levels.	



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**ATF** 

**PRO** 

CAUTION

#### **ELLIOT LAKE ON** CGB5 RADIUS Ny REF N46 23 54 W82 40 17 1.1NW **ELEV 990** 5 Q 9°W (2021) UTC-5(4) Elev 990' 0 A5000 A5001 £ 2800 **OPR** Glassy Bay Outfitters 705-843-1531 Rea PPR PF C-2,3,4,5 Q **FLT PLN** dock Q London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free Sylvah within Canada & USA) **SERVICES** 1.2.3.4.5 Elliot Lake A/D DATA Open water mid May-end Oct. Shallow 6000 area aprx 1' deep 20' fr centre dock, marked with buoy. COMM

Right hand circuits for westbound and southbound tkofs & ldgs (CAR 602.96).

Unigtd twr 1115 ASL (115 AGL) aprx 1NM E. Lgtd twr 1600 ASL (200 AGL) aprx 2NM N. Multiple twrs in town S of A/D. Public beach S side of lake. Boat launch E of dock.

## ELMHIRST'S RESORT ON — See KEENE / ELMHIRST'S RESORT

Elliot Lake Muni A/D aprx 5NM SE.

tfc 123.0 5NM 4100 ASL

FALL RIVER	NS	CFR3
REF	N44 47 04 W63 38 30 1.3S 18°W (2014) UTC-4(3) Elev 122' A5003 T2	ELEV 122
OPR	David Comeau 902-861-3739 Reg PPR	Lake
PF	A-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) (IFR only) Moncton 506-867-7177 or 866-480-8200.	Second Lake 2100
A/D DATA	Open water Apr-Nov.	
COMM	tfc 123.2 4NM excluding Halifax CZ 1700 ASL	0 1 2 3 4 5 6000'

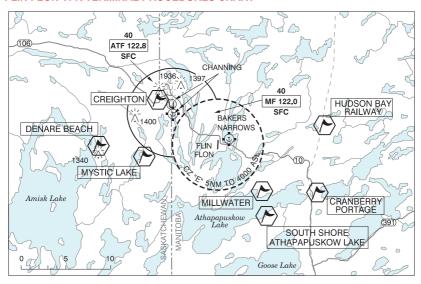
# FALSE BAY BC — See LASQUETI ISLAND / FALSE BAY

# FENELON FALLS / STURGEON LAKE ON

CFG8

REF	N44 31 26 W78 43 49 Adj S 11°W (2007) UTC-5(4) Elev 812′ A5000	ELEV 812 :
OPR	Derek Janke 705-934-0157 Reg	
PF	B-1 C-2	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	2600 ± (dock 2)
SERVICES FUEL S	100LL (emerg only) 5	\$\frac{1}{2} \text{Sturgeon } \text{\$\frac{1}{2}\$}
A/D DATA	Open water May-Nov.	
COMM	tfc 123.2 4NM 3800 ASL	- 0 1 2 3 4 5 6000'
CAUTION	Hvy sum boat tfc.	

# FLIN FLON VFR TERMINAL PROCEDURES CHART



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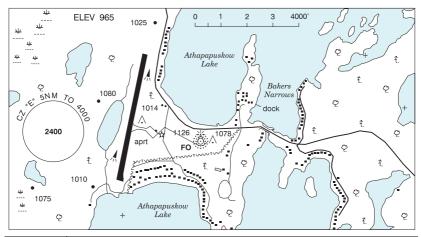
B54 AERODROME/FACILITY DIRECTORY

# 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 / BAKERS NARROWS MB

CFF8



REF	N54 40 43 W101 39 37 Adj S 7°E (2013) UTC-6(5) Elev 965´ A5016
OPR	Bakers Narrows Lodge 204-681-3250 or 866-603-6390 Fax 204-687-8691 Reg
PF	B-1,2,5 D-1,2,3,4,5,6
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)
A/D DATA	Open water May-Oct.
COMM RCO MF	Saskatoon rdo 122.0 (RAAS) 14-02Z‡ Edmonton rdo 123.275 (FISE) Saskatoon rdo 14-02Z‡ O/T tfc 122.0 5NM centred on Flin Flon A/D adj 4000 ASL (CAR 602.98)
NAV NDB	FLIN FLON FO 250 (M) N54 40 31 W101 40 09
CAUTION	P-lines across N side of bridge. Flin Flon A/D 0.7NM WSW.

ops.

### FLIN FLON / CHANNING MB CJK8 ELEV 957 REF N54 45 W101 50 3SE 7°E (2014) ŧ Q £ UTC-6(5) Elev 957' A5016 Wings over Kississing Q **OPR** Wings Over Kississing 204-687-8247 £ BigReg Teland Dake Ç PF B-1 D-2,3,4,5,6 11 **FLT PLN** Pilots to open/close VFR flt plan with Northwest Arm Edmonton rdo, FISE or by phone. Schist Lake S FIC Edmonton 866-WXBRIEF (Toll free Q within Canada) or 866-541-4102 (Toll Q free within Canada & USA) ŧ. 3200 **SERVICES** 5 Ç A/D DATA Open water May-Oct. Ski planes in win. 8 10 12000 COMM **RCO** Edmonton rdo 123.275 (FISE) ATF UNICOM ltd hrs O/T tfc 122.8 5NM 4000 ASL excluding Flin Flon CZ NAV NDB FLIN FLON FO 250 (M) N54 40 31 W101 40 09 **PRO** See Flin Flon VTPC CAUTION Mining chimney 1936 ASL downtown Flin Flon 3NM N, rough air. Channing land A/D

FOOT'S BAY	ON	CFB8
REF	N45 07 46 W79 42 35 1.4E 11°W (2016) UTC-5(4) Elev 742' A5000	P ELEV 742
OPR	Philip Sifft 705-774-1685 Reg PPR	
PF	C-2,3	Bay
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	The second secon
SERVICES S	7	2500
A/D DATA	Open water May-Nov.	2
COMM ATF	tfc 122.8 5NM 3700 ASL	0 1 2 3 4 5 6000'

tfc adj NW. Avoid creek area immediately NW Wings Over Kississing base dur ski

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FORT FRANCES ON

**PRO** 

CAUTION

N48 36 45 W93 22 05.

to 3.3NM NE A/D.

FORD BAY	NT		CEL7
DEE	1100 00 11/404 44	0405 (0043) 1150 3	ELEV 510

REF	N66 02 W124 41 21°E (2017) UTC-7 Elev 512′ A5035	ELEV 512  Great Bear Lake
OPR	Trophy Lodge 204-774-5775 PPR Jul-Aug Reg	t q t q
PF	C-2,5	aprt £
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	t Q Q Q Q Q dock t Q
SERVICES S	5	2300 Ford Bay
A/D DATA	Open water Jul-Aug. Docks and tie up at lodge, sand beach.	
СОММ		0 1 2 3 4 5 6000'
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM cer	ntred on Ford Bay land A/D adj 3700 ASL

CJM8

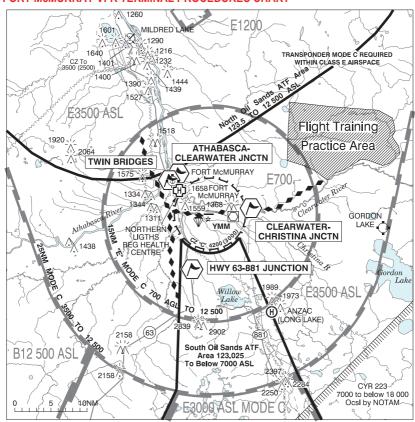
### **REF** N48 37 40 W93 21 28 2NE 0° (2014) UTC-6(5) Elev 1107' A5007 **OPR** Rusty Myers Flying Svc Ltd 807-274-5335 Reg PF B-1 C-2,3,4,5,6 AOE/15 888-226-7277 14-06Z± **CUST** DIUS **FLT PLN** CANADA 5 Ny Pilots to open/close VFR flt plan with U.S.A. London rdo, FISE or by phone Myers / FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free Sand Bay 2700 within Canada & USA) WX AUTO at Falls Intl (KINL) 218-285-2996 (see COMM) 12000 **SERVICES FUEL** 100LL, JA-1 OIL 100 2,3,5 Open water mid May-mid Oct. Sand bottom, docks & ramp. Sheltered exc in E winds. A/D DATA COMM **RCO** London rdo 123.55 (FISE) 126.7 (bcst) (may not be receivable on gnd) **ATF** UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL **AUTO** 120.0 at Falls Intl (KINL)

Cdn Cust avbl to float acft at Rainy Lake Sports & Tackle dock painted as Cdn flag at

Heavy swells with E winds. 4 cable crossing support twr 1468 ASL (355 AGL) 2.2NM

### **FORT LANGLEY BC** CAS<sub>4</sub> (ELEV/10 **REF** N49 10 W122 32 17°E (2013) UTC-8(7) Elev 10' VTA A5004 Q **OPR** Fort Langley Avn 604-888-1922 Reg **PPR** £ Q PF A-1 C-2,3,4,5 D-6 AADIUS 5NA Fraser River **FLT PLN** ŧ. Kamloops 866-WXBRIEF (Toll free Q within Canada) or 866-541-4101 (Toll 3000 free within Canada & USA) docks **SERVICES FUEL** 100LL, JA 1,4,5 ####**#**##### Livery ්ල ŧ 000 A/D DATA Current 3-5 kt, sand beach & ramp. 6000 COMM **ATF** tfc 122.725 2NM 1500 ASL NAV VOR PITT MEADOWS YPK 112.4 N49 12 57 W122 42 54 (44') **PRO** Circuits 1000' over river. Follow the southside of the chan for eastbound water ldg. No water circuits or floatplane tng in vic of MacMillan Island.

### 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"

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A/D DATA

### FORT McMURRAY AB CES<sub>7</sub> ADIUS 5 N4 FI FV 795 REF N56 43 58 W111 22 39 Adj NE sewage 15°E (2013) UTC-7(6) Elev 795' £ A5023 golf 2900 course **OPR** McMurray Aviation 780-791-2182 Reg ŧ PF C-1,2,3,4,5,6 parking area ŧ £ **FLT PLN** Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 7 **SERVICES** Call out chg may be levied 100LL (D) Universal Avn Svcs FUEL £ 780-791-9881 OIL ΑII 7 2 s 6000 A/D DATA Snye Bay near Clearwater River/Athabasca River junction. Open water mid May-mid Oct. Depth 6', current 3 kt. Mud & gravel bottom. Beaches. Area may be used for ski ops dur win months. СОММ **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‡ at land A/D **TWR** McMurray 118.1 236.6 (E) 1315-0545Z‡ (emerg only 780-743-2511) at land A/D NAV VOR/DME YMM 112.0 Ch 57 N56 38 52 W111 07 21 (1205') PRO 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. Floating logs at hi water in June. Clearwater River hazardous dur low water season. CAUTION Athabasca River to be avoided if possible due to rocks. Sand banks & traffic lights on dike road at W end of Snye Bay near Athabasca River. Sand banks always shifting fr year to year. FORT NELSON (PARKER LAKE) BC CFR9 REF N58 50 W122 54 6WNW 20°E (2013) UTC-8 Elev 1255' A5022 A5099 **OPR** Liard Air Ltd 250-776-3481 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** 5

Open water May-Oct. Site unattended. Depth 4', soft mud bottom.

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B60 AERODROME/FACILITY DIRECTORY

FORT ST. JAMES/STUART RIVER BC

levels in river.

FORT NELSON (PARKER LAKE) BC (Cont'd)		CER9
СОММ		
RADIO	Fort Nelson rdo 122.5 (E) at land A/D	
RCO	Edmonton rdo 123.55 (FISE) 126.7 (bcst)	
ATF	tfc 122.5 3NM 4300 ASL	
NAV VOR/DME	YYE 112.9 Ch 76 N58 53 30 W123 00 58 (2034')	

FORT RELIA	NCE NT CJN8	
REF	N62 42 W109 10 Adj 14°E (2012) UTC-7(6) Elev 514′ A5030	
OPR	Lutselk'e Dene Council 867-370-3051 Reg	
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
SERVICES S	5	
A/D DATA	Chalton Bay. Open water mid Jun-Sep. Beaches.	
PRO	Remain well out fr shore.	
CAUTION	Bay subject to swells in W winds. Rocks E of dock, drift ice late as July.	

CAZ6

### ELEV 2230 APRX **REF** N54 25 W124 16 Adj 19°E (2013) UTC-8(7) Elev 2230' aprx A5014 Stuart Lake Tsayta Avn 250-996-8540 Reg PPR **OPR** PF B-1 C-2,3,4,5 Q Stuart **FLT PLN** ŧ Kamloops 866-WXBRIEF (Toll free t River within Canada) or 866-541-4101 (Toll ADIUS free within Canada & USA) /\_\_\_. \_\_\_\_. 11.7 **SERVICES** Emerg only. Fuel and oil avbl daylight hrs only. ŧ. **FUEL** 100LL 6100 ŧ OIL Shell W100 Q Q A/D DATA Open water mid May-Oct. 6000' COMM **ATF** tfc 123.2 5NM 5200 ASL **CAUTION** P-line over bridge SW of float. Sfc rocks at low water & sandbars. Fluctuating water

Open water Jun - Sep. Current 5 kt, mud bottom, gravel bars SW of island. Ltd

docking fac.

NAV

### FORT SIMPSON ISLAND NT CEZ7 Mackenzie River Q REF 7 N61 52 W121 22 Adj 21°E (2013) ELEV 375 UTC-7(6) Elev 375' A5029 ŧ. AADIUS 5Ny **OPR** Wolverine Air (1988) Ltd 867-695-2263 & Simpson Air (1981) 867-695-2505 Rea PPR 2100 PF C-1,2,3,4,5,6 **FLT PLN** Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) **CARS** 867-695-2491 Q **SERVICES** S 5 ltd A/D DATA Mackenzie River & Liard River NE of Is.

COMM		
	RCO	Edmonton rdo 123.475 (FISE) 296.6 (FISE) 126.7 (bcst) (U)
	MF	Fort Simpson aprt rdo 122.2 (V) 15NM centred on Fort Simpson A/D 7.4NM ESE
		3600 ASL (CAR 602.98)
APRT	RDO	122.2 (V) at land A/D 7.4NM ESE

VOR/DME YFS 117.9 Ch 126 N61 46 26 W121 17 55 (574')

CAUTION Driftwood, P-line cable 60 AGL across S end of channel btwn town island & mainland. Twr 700 ASL 4.7NM SSE. Adj land A/D.

FORT WARE	BC	CAW6
REF	N57 25 W125 39 Adj 20°E (2013) UTC-8(7) Elev 2445′ A5022	ELEV 2445 Q t t OIUS SAM
OPR	Fort Ware Indian Band Council 250-563-4161 Reg	7700
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
A/D DATA	Open water May-end Oct. Low water in autumn. Current 18-22 kt.	CAUTION: dock the Gravel Bar Q
COMM RCO	Whitehorse rdo 123.375 (FISE) 126.7 (bcst) tfc 123.2 5NM 5400 ASL	t
PRO	Recommend alighting against current and W of bridge (see sketch).	
CAUTION	Adj land A/D. Water IvI fluctuates rapidly	

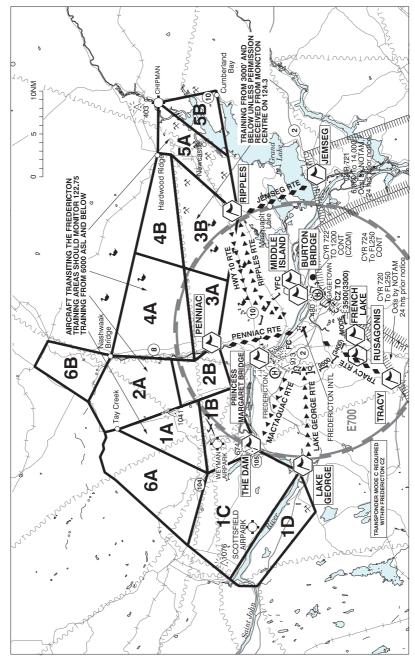
### FRANCIS ON — See KENNISIS LAKE / FRANCIS

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### FRASER LAKE BC CBJ8 **ELEV 2205 REF** N54 04 W124 53 19°E (2013) Q PADIUS UTC-8(7) Elev 2205' A5014 5N4 ŧ. **OPR** Danish Avn 250-699-6392 Reg PPR Q PF B-1 D-2,3,5 5700 **FLT PLN** dock FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll Fraser Lake free within Canada & USA) **SERVICES** 100LL PN **FUEL** Q OIL ΑII 1,2,3,4,5,6 A/D DATA Open water May-Oct. Shallow off point 6000 on N shore. Beaching gear. Ski-planes in win. COMM tfc 122.8 5NM 5200 ASL **ATF CAUTION** Debris on lake dur spring run-off May-Jul.

### FREDERICTON VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



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### FREDERICTON VFR TERMINAL PROCEDURES CHART - TRAINING AREAS (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"

FRYING PAN ISLAND-SANS SOUCI ON — See PARRY SOUND / FRYING PAN ISLAND-SANS SOUCI

### **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)

Igaluit Intl Air 126.9

Paamuit 135.15 (shared with Gander ACC FL290 & above)

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

### 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.

# GANGES BC CAX6 ELEV 00 CAX6 CAXC CAXC

REF	N48 51 00 W123 30 00 1SE 17°E (2013) UTC-8(7) Elev 00′ VTA A5004
OPR	Salt Spring Harbour Authority 250-537-5711 Reg PN Ldg fees
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	4 (PPR)
A/D DATA	Tidal range 12'. Cond rpt avbl 250-537-5711 17-01Z‡, 17-21Z (winter).
COMM	tfc 123.2 2NM 1200 ASL
NAV VOR/DME	VICTORIA YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1968')

# GANGES BC (Cont'd)

CAX6

### **PRO**

### **GENERAL**

- 1. For acft type and operating requirements, ctc opr 250-537-5711. PN
- 2. Acft opr should refrain fr taking off and ldg prior to 0700.
- 3. When wind & water cond permit, pilots should use the following pro.
- 4. For noise abatement, the preferred arr direction is westbound, and eastbound for dep. Avoid overflights of the built up areas of Saltspring Island whenever possible to reduce the noise impact on the hospital, school & residents.

### **ARRIVALS**

WESTBOUND: Land westbound and be off the step by Grace Light.

EASTBOUND: When possible, use a steep/high apch profile with reduced power to reduce noise over the hospital. Touchdown abeam or beyond Grace Light. Land short in the low speed taxi area only when rough water cond preclude ldg abeam Grace Light.

### **DEPARTURES**

EASTBOUND: Taxi to abeam or beyond Grace Light prior to commencing tkof. After tkof, reduce power as soon as practicable & climb in an easterly direction to 500' ASL or above before commencing any turns.

WESTBOUND: Westbound tkof are not recommended as severe downdrafts may be encountered in strong westerly winds over the head of the Harbour & town.

NOTE:For acft planning flts to the W after departure, make initial climb to the E to 500' ASL or above before commencing any turns. Plan flts so as to avoid overflight of noise sensitive areas below 2000' ASL.

### **CAUTION**

- 1. NORDO acft may opr fr the nearby Booth Bay & Fernwood land A/Ds.
- Heavy vessel tfc & recreational water activities in the Harbour particularly dur the sum. Crab pots freq in harbour.
- 3. Marked p-line near the hospital at the head of the Harbour.

### **GARDEN BAY / SAKINAW LAKE SOUTH BC**

CAS8

REF	N49 39 13 W124 03 50 1.8NNW 16°E (2024) UTC-8(7) Elev 20' A5004	t conjugue & t conjugue & t
OPR	M Aidelbaum 604-671-1701 Reg PPR	To thinnun Q
PF	B-2,7,8 C-1	t dock t
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t t anous s Ma
SERVICES S	6,7	£ 5200
A/D DATA	Open water year round. Dock, buoy.	2 £ £
COMM ATF	tfc 123.2 2NM 1600 ASL	0 1 2 3 4 5 6000'

GIBSON LAKE ON — See BALA / GIBSON LAKE

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B68 AERODROME/FACILITY DIRECTORY

# GILFORD ISLAND/ECHO BAY BC

CAA7

REF  N50 46 W126 29 Adj 18°E (2013) UTC-8(7) Elev 00' A5004  OPR  Echo Bay Resort 250-956-2121 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  A/D DATA  Rock & sand bottom. Beaching.  COMM  ATF  tfc 123.2 5NM 1500 ASL  PRO  Avoid overflight of area at head of bay due livestock.  CAUTION Heavy boat tfc dur sum months.	0.2. 0.12 .0.		
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 A/D DATA Rock & sand bottom. Beaching.  COMM ATF tfc 123.2 5NM 1500 ASL  PRO Avoid overflight of area at head of bay due livestock.	REF	, , ,	Baxter (+)
FLT PLN FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)  SERVICES S A/D DATA Rock & sand bottom. Beaching.  COMM ATF tfc 123.2 5NM 1500 ASL PRO Avoid overflight of area at head of bay due livestock.	OPR	Echo Bay Resort 250-956-2121 Reg	
FLT PLN FIC  Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)  SERVICES S 5  A/D DATA  Rock & sand bottom. Beaching.  COMM  ATF  tfc 123.2 5NM 1500 ASL  PRO  Avoid overflight of area at head of bay due livestock.	PF	B-1,2,5	0
S 5  A/D DATA Rock & sand bottom. Beaching.  COMM  ATF tfc 123.2 5NM 1500 ASL  PRO Avoid overflight of area at head of bay due livestock.		Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t.
COMM  ATF tfc 123.2 5NM 1500 ASL  Avoid overflight of area at head of bay due livestock.		5	4900
ATF tfc 123.2 5NM 1500 ASL  PRO  Avoid overflight of area at head of bay due livestock.	A/D DATA	Rock & sand bottom. Beaching.	1 1 1
due livestock.		tfc 123.2 5NM 1500 ASL	t Q t
CAUTION Heavy boat tfc dur sum months.	PRO		- []
	CAUTION	Heavy boat tfc dur sum months.	

### GILFORD ISLAND/HEALTH BAY BC

CAD7

REF	N50 42 W126 36 Adj W Health Bay 18°E (2013) UTC-8(7) Elev 00′ A5004	ELEV 00 Q t
OPR	TC 604-666-5420 Reg	Bonwick P
PF	B-1 at Band office	Bonwick Island
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	torus 6 Maria Control
SERVICES S	7	3400
A/D DATA	Float & beach.	
COMM	tfc 123.2 5NM 1500 ASL	0 2 4 6 8 10 12000'

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GILLAM MB		CJP8
REF	N56 21 14 W94 39 26 1E 1°E UTC-6(5) Elev 470' A5016 A5017 A5024 A5025	1900 t ELEV 470 0 1 1900 t 190
OPR	Gillam Air Svcs Ltd 204-652-2109 Reg	1900
PF	B-1 C-2,3,4,5,6	Assignment of the state of the
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)	t Q dock t t
SERVICES FUEL OIL S	100LL PN All 5	1 2 3 4 5 6000'
A/D DATA	Open water mid May-mid Oct. Depth 4', sand bottom, beach.	
COMM RCO MF UNICOM	Edmonton rdo 123.375 (FISE) 126.7 (b tfc 122.1(no ground station) 5NM centre (CAR 602.98) 122.8	ocst) ed on Gillam land A/D 1.8NM W 3500 ASL
NAV NDB DME	YGX 212 (M) N56 21 12 W94 42 00 YGU 114.4 Ch 91 N56 21 27 W94 4:	2 14 (511')
CAUTION	Land A/D 1.8NM W.	

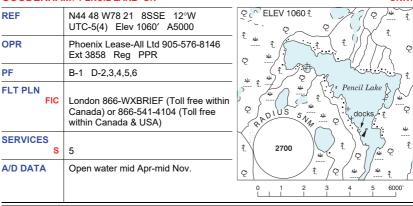
<b>GOLD RIVER</b>	R BC	CAU6
REF	N49 41 W126 07 7S 18°E (2013) UTC-8(7) Elev 00' A5004	£ £ 2 ELEV 00
OPR	Village of Gold River 250-283-2202; Air Nootka 250-283-2255 Reg	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	dock to dock
SERVICES FUEL S	100LL 16-01Z‡ wkds PN 7	6500 Machada Mae
A/D DATA	Govt float near mouth of river.	to to the second
COMM ATF A/G	tfc 123.2 2NM 1500 ASL Air Nootka 128.85	0 2 4 6 8 10 12000
CAUTION	Water can be extremely rough in a stro	ong inflow wind condition.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

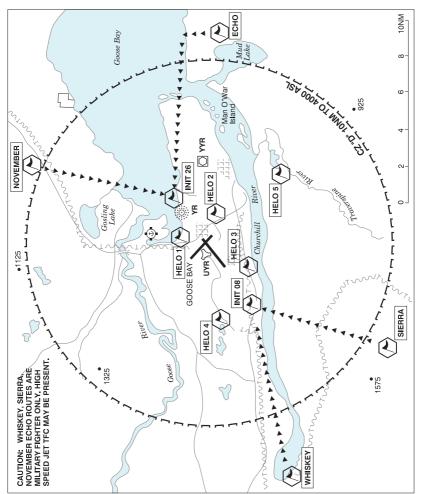
B70 AERODROME/FACILITY DIRECTORY

### GOODERHAM/PENCIL LAKE ON

CNN7



### **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"

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### GOOSE (OTTER CREEK) NL

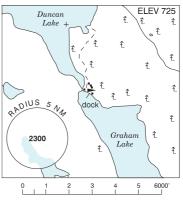
CCB5

00001	LIX CIXLLIX) INL	CCBS
REF	N53 21 W60 25 22°W (2013) UTC-4(3) Elev 00' A5020	ELEV 00 Q POIUS 512
OPR	Goose Bay Airport Corp 709-896-5445 Reg	t t t t t t t t t t t t t t t t t t t
PF	C-1,2,3,4,5,6 at adj land A/D	± 2 1
CUST	AOE/15/SEAPL 888-226-7277 12- 04Z‡	t e dock can be
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.	Terrington Basin (Goose Bay)  Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
SERVICES FUEL OIL S	100LL, JB All 5	0 1 2 3 4 5 6000'
A/D DATA	Open water Jun-Nov. Tidal range 2'. Sn	nall dock & buoys avbl.
COMM RCO TWR	London rdo (Goose) 123.475 (FISE) 1. Goose Bay 119.1 236.6 (E)	26.7 (bcst)
NAV NDB VOR/DME	YR 257 (PMZ) N53 20 16 W60 21 5 YYR 117.3 Ch 120 N53 19 11 W60	
PRO	Ctc TWR prior to ldg or tkof.	

# **GRAHAM LAKE (YELLOW DOG LODGE) NT**

CYD2

N62 53 28 W113 52 04 16°E (2018) UTC-7(6) Elev 725' A5030
Yellow Dog Lodge Inc. 403-668-9936 Reg PN
B-1,2,5 D-3,4,6
Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
1,2,4,5,6
Open water May 15-Oct 15. Area may be used for ski ops dur win months. Cto opr for conditions.



### **GRAND ETANG PUBNICO NS**

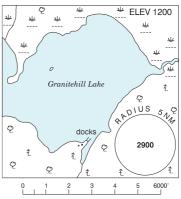
### CGE2

REF	N43 37 43 W65 48 49 Adj SW 18°W UTC-4 (3) Elev 10' A5003	ELEV 10 2 2 2 2
OPR	Brad d'Entremont 902-762-2709 fax 902-762-3083 Reg	The Gulf of Maine
PF	C-1,2,5	(Atlantic Ocean)
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	arolus star o o
A/D DATA	Open water Apr-Nov. Depth 6' mud bottom.	2 Q Q Q
COMM	tfc 123.2 5NM 3000 ASL	0 1 2 3 4 5 6000

# **GRANITEHILL LAKE ON**

### CND6

REF	N49 06 W85 12 17WSW Hornepayne 7°W UTC-5(4) Elev 1200′ A5008	
OPR	Granite Air 807-868-2284 Reg PPR	
PF	B-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	5	
A/D DATA	Open water May-Sep. Docks & beach.	
CAUTION	Sporting boats in alighting area.	



# **GRAVENHURST (DOWNTOWN) ON**

### CGR6

	,	
REF	N44 55 23 W79 23 03 Adj NW 11°W (2023) UTC-5(4) Elev 748' A5000	Percy C CV ELEV 748 **
OPR	Chris Thain 647-203-8586 Reg PPR	Lake C C C C C C C C C C C C C C C C C C C
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Greavette Island dock
SERVICES S	5,7	Q 1 Q 1111
A/D DATA	Open water May 1-Nov 1. Dock.	2200
COMM RCO	Timmins rdo 122.3 (RAAS) London rdo 123.475 (FISE) 126.7 (bcst) (See PRO) Timmins rdo 122.3 5NM centred on Mt 602.98)	0 1 2 3 4 5 6000
PRO	RAAS and FISE RCOs may not be rece	ivable on ground. See Muskoka VTPC.
CAUTION	Boat and steamship activity in wharf are	a.

# **GRAVENHURST (MORRISON LAKE) ON**

### CML4

REF	N44 52 15 W79 27 38 5WSW 11°W (2011) UTC-5(4) Elev 733´ A5000	ELEV 733 Q t Morrison Lake
OPR	Steven Shapiro 647-222-3533 May-Oct Reg PPR	2500
PF	C-1,2,3,4,5,6	Squaw Island
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock + O
SERVICES FUEL OIL	100LL 80, 100	Mile Island 1.
S	7	0 1 2 3 4 5 6000'
A/D DATA	Open water May to mid-Nov. Beaching	
COMM	tfc 122.8 5NM excluding Muskoka CZ 3	3700 ASL
PRO	See Lake Muskoka VTPC.	
CAUTION	Rocks btwn Mile Island and Squaw Island; marked.	

# GRAVENHURST / MUSKOKA BAY ON

CYN6

REF	N44 56 36 W79 24 18 2.0NW 11°W (2014) UTC-5(4) Elev 739' A5000	ELEV 739
OPR	Mark Nye 905-601-4444 Reg PPR	Bear Q
PF	C-1,2,3,5 D-4,6	Bay Cliff Bay
FLT PLN FIC	London 866-WXBREF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q dock Q
SERVICES S	5	2500 Mary Daisy
A/D DATA	Open water May-Nov	Plenry I
COMM RCO	Timmins rdo 122.3 (RAAS) London 123.475 (FISE) 126.7(bcst) (See PRO) Timmins rdo 122.3 5NM centred on Mt 602.98)	0 1 2 3 4 5 6000 uskoka A/D 4.7NM ENE 3900 ASL (CAR
PRO	RAAS and FISE RCOs may not be rece	ivable on ground. See Lake Muskoka VTPC.
CAUTION	Hvy sum boat tfc.	

# **GRAVENHURST** (PR MUSKOKA) ON

CGV4

REF	N44 57 22 W79 24 43 2.2NNW 10°W (2024) UTC-5(4) Elev 739' A5000	ELEV 739
OPR	1000363870 Ontario Inc. 416-605-3391 Reg PPR A/D open Apr 1–Dec 15	1 2 2
FLT PLN FIC	London 866-WXBREF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock of the state
HELI DATA  RCR	FATO/TLOF 20' X 20' WOOD Elevated floating helideck. Max heli overall length 39' Opr No win maint.	2300
A/D DATA DOCKS	Open water Apr 1–Dec 15 Dock and floating helideck, depth 7', sand & stone bottom.	0 1 2 3 4 5 6000'
COMM RCO	RCOs may not be receivable on ground	8.475 (FISE) 126.7(bcst) (RAAS and FISE . See Lake Muskoka VTPC.) skoka 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.	

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B76 AERODROME/FACILITY DIRECTORY

### **GRAVENHURST / SNIDERS BAY ON**

CMC8

NA-4 35 W W   9 Z + 13 S   13 W   11°W   (2016)   UTC-5(4)   Ek   A5000	ing CZ.
11°W (2016) UTC-5(4) Ele A5000  OPR  Andrew McNamara 647-455- PPR  PF  B-1 C-2,3,5,6 D-4  FLT PLN  FIC Canada) or 866-541-4104 (T within Canada & USA)  SERVICES  S  5  A/D DATA  Open water May-Nov	skoka CZ 3800 ASL
11°W (2016) UTC-5(4) Ele A5000  OPR  Andrew McNamara 647-455- PPR  B-1 C-2,3,5,6 D-4  FLT PLN FIC London 866-WXBRIEF (Toll Canada) or 866-541-4104 (T within Canada & USA)  SERVICES	0 1 2 3 4 5 6000'
11°W (2016) UTC-5(4) Ele A5000  OPR  Andrew McNamara 647-455- PPR  PF  B-1 C-2,3,5,6 D-4  FLT PLN  FIC  London 866-WXBRIEF (Toll Canada) or 866-541-4104 (T	2
11°W (2016) UTC-5(4) Ele A5000 OPR Andrew McNamara 647-455- PPR	oll free
11°W (2016) UTC-5(4) Ele A5000 OPR Andrew McNamara 647-455-	# # # + + + + + + + + + + + + + + + + +
11°W (2016) UTC-5(4) Ele	217 Reg
REF N44 56 30 W79 27 13 3.7W	1 2 C C C C W 1 1

### **GREAT BEAR LAKE NT**

CES9

OILL/ (I DL/		020.
REF	N66 42 30 W119 41 00 1S 21°E (2014) GV148°E UTC-7(6) Elev 512′ A5035	Great Bear Lake
OPR	Plummers Great Bear Lake Lodge 204-774-5775 Reg	2500
PF	C-2,5 PN	The state of the s
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	lodge dock dock April
A/D DATA	Dease Arm. Open water mid Jul-Sep.	t to the terminal of the termi
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL	0 2 4 6 8 10 12000'

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### **GREEN LAKE BC** CBY6 ELEV 3507 φĒ ŧ. \$ 00° \$ **REF** N51 25 19 W121 12 51 0.5E 17°E (2014) UTC-8(7) Elev 3507' Q ŧ. ŧ A5004 Q Q **OPR** Flying U Guest Ranch 250-456-7717 Reg PPR Opr Apr 1-Nov 1 PF B-1,2,5 Q **FLT PLN** AADIUS FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) 5700 **SERVICES** dock 5 Green Lake COMM 6000 **ATF** tfc 123.2 5NM 6600 ASL

# GREEN LAKE BC - See WHISTLER / GREEN LAKE

GUNISAO LA	AKE MB	CJW8
REF	N53 31 W96 22 2°E (2014) UTC-6(5) Elev 866' A5016	(~) / P
OPR	Budd's Gunisao Lake Lodge Itd 204-791-2889 or 517-676-3474 Reg PPR	† + B5 2200
PF	C-1,2,5 PN Opr May 1-Oct 1	936 dock
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)	aprt  Gunisao Lake  Q  †  †  †  †  †  †  †  †  †  †  †  †
SERVICES S	5	Q t
A/D DATA	Sand bottom, tourist camp. Beaches.	0 1 2 3 4 5 6000'
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 39	00 ASL
NAV NDB	B5 254 (L) N53 31 20 W96 22 31 P	vt Unmonitored Opr May 1-Oct 1 24 hr PN
CAUTION	Adj land A/D.	

### HALMINEN ON — See KENNISIS LAKE / HALMINEN

### HAMILTON HARBOUR ON — See BURLINGTON / HAMILTON HARBOUR

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### **HARRISON HOT SPRINGS BC**

CAE7

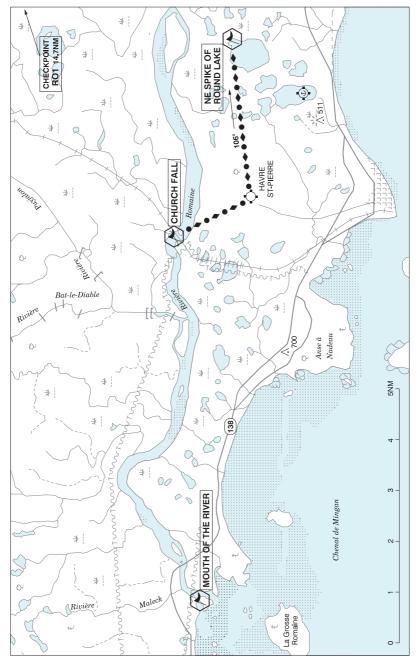
REF	N49 18 17 W121 47 15 Adj S 17°E (2013) UTC-8(7) Elev 34' A5004	QROTUS 5111
OPR	Village 604-796-2171 Reg	6200
PF	B-1,2,3,5	Harrison Lake
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t t
SERVICES S	5	Q Q dock
A/D DATA	Lake freezes occasionally Dec-Feb. Sand beach.	£ 100 £
COMM	tfc 123.2 2NM 1500 ASL	0 1 2 3 4 5 6000'
CAUTION	0	son resort 604-796-2244 for Icl conds. Cable Harrison River. Dur low water tkof/ldg well ss dock.

HARTLEY BAY BC CAY4

REF	N53 25 W129 15 Adj 19°E (2013) UTC-8(7) Elev 00' A5013	2 £ 2 £ 2 ELEV 00
OPR	TC 604-666-5420 Reg	2 1 2
PF	C-1	Q £ 1111 £ Q
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t dock Bay
SERVICES S	7	© Malsey Channel 4800
COMM ATF	tfc 123.2 2NM 1500 ASL	t Q
CAUTION	Bay can be rough, watch for fishing boats.	0 1 2 3 4 5 6000'

### HATCHET LAKE SK CJX8 Ê **ELEV 1286** BE **REF** N58 38 W103 35 Adj W of lodge PADIUS 9°E (2013) UTC-6 Elev 1286 A5024 **OPR** Hatchet Lake Lodge 306-633-2132 Q Reg PPR 2800 PF B-1,2,5 PN Opr Q 1 **FLT PLN** Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) **SERVICES** Hatchet Lake s 5 t A/D DATA Open water mid Jun-mid Oct. Sand bottom, sand beach. 6000 COMM **ATF** UNICOM 00-15Z Jun 1-Aug 22 O/T tfc 123.3 5NM 4300 ASL

### HAVRE ST-PIERRE VFR TERMINAL PROCEDURES CHART

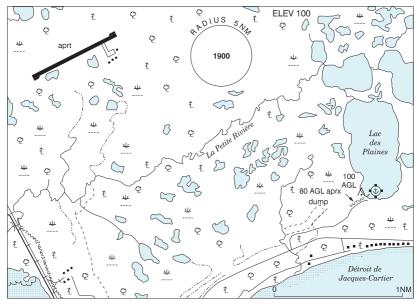


# HAVRE ST-PIERRE VFR TERMINAL PROCEDURES CHART (Cont'd)

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

CTE3



REF	N50 15 48 W63 33 02 2ENE 20°W (2014) UTC-5(4) Elev 100' A5011	
OPR	Air Tunilik 418-538-3866 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	100LL(ltd) PN W100 4,5	
A/D DATA	Open water Jun-Oct. Depth 2-5' along banks, sand bottom, ramp	
COMM RCO MF	(bil) Madeleine rdo 122.0 (RAAS) 11-03Z‡ Madeleine rdo 11-03Z‡ O/T tfc 122.0 15NM 3100 ASL around Havre St-Pierre land A/D 2NM NW (CAR 602.98) See PRO section	

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HAVRE ST-PIERRE QC (Cont'd)	
PRO	ATF corridor outside MF, see Section C – Areas With Discrete Air-To-Air Frequencies.
CAUTION	OBST: Lgtd antenna 700 ASL (575 AGL) 5NM W. Hydro-Québec lines, aprx 80 AGL, S side of Lac des Plaines.  A/D: Aprt 2.4NM NW.  BLASTING: Dly blasting ops 13NM E of aprt sfc to 3300 AGL, irregular shape; refer to AIP Supplements for more info. Periodic blasting ops 18NM NE of aprt sfc to 4265 ASI, within a 1.1NM radius of the guarry 13-237†

HAWK JUNC	TION ON	CNH6
REF	N48 05 W84 33 Adj S 8°W UTC-5(4) Elev 1030′ A5008	† 01US 51 ELEV 1030
OPR	Air-Dale Flying Svc Ltd 705-889-2100 Reg PPR	2900
PF	B-1 C-2 D-3,4,5,6	1
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	† Hawk Lake
SERVICES FUEL OIL S	100LL 100 5	£ 2 2 2
A/D DATA	Open water May-Oct.	0 1 2 3 4 5 6000'
NAV DME	WAWA YXZ 112.7 Ch 74 N47 57 0	2 W84 49 23
CAUTION	Lgtd antenna 1607 ASL (250 AGL) 1.3 water craft.	NM NW. Numerous swimmers and small

HAY RIVER	NT	CEF8
REF	N60 51 07 W115 43 50 3NE 18°E (2013) UTC-7(6) Elev 514' A5030	CALL SNM TO STATE SELEV 514
OPR	Carter Air Service 867-874-2281 Reg PPR	1800
PF	C-1,2,3,4,5,6	doc
FLT PLN FIC CARS	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 867-874-2441	apri Last
A/D DATA	Hay River & Great Slave Lake. Open water mid May-Oct.	The state of the s
COMM RCO MF APRT RDO	Edmonton rdo 123.275 (FISE) (U) 126.7 (bcst) aprt rdo 122.3 5NM centred on land A/ 122.3 at land A/D 1.6NM SW	0 1 2 3 4 5 6000° D 1.6NM SW 3600 ASL (CAR 602.98)
NAV VOR/DME	HAY RIVER YHY 113.9 Ch 86 N60	) 50 10 W115 48 12 (573′)

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HAY RIVER NT (Cont'd)

### AERODROME/FACILITY DIRECTORY B83

CEF8

	· · · · · · · · · · · · · · · · · · ·	
PRO	Circuits to be made S & E of river to avoid conflict with land A/D tfc.	
CAUTION	Cable crossing 1NM S. Land A/D 0.7NM S. Pvt docks.	
HEAD LAKE	ON	CPV5
REF	N44 43 17 W78 54 39 4W Norland 11°W UTC-5(4) Elev 880' A5000	ELEV 880 Armstrong Island
OPR	Green Tourism Investments Ltd 226-929-5865 Reg Opr 12-01Z‡	2500
PF	B-1 D-2,3,4,5	Head Lake
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock
A/D DATA	Open water mid Apr-Dec.	t t
COMM	UNICOM ltd hrs O/T tfc 123.2 5NM	t Q \tag{t} Q

### HEALTH BAY BC - See GILFORD ISLAND / HEALTH BAY

3800 ASL

### **HEARST/CAREY LAKE ON** CNJ<sub>5</sub> AADIUS REF N49 45 W84 02 16W 9°W UTC-5(4) Elev 812' A5008 **OPR** Hearst Air Service Ltd 705-463-5700 2500 Reg PPR PF B-1 D-2,3,4,5,6 10 **FLT PLN** £ **FIC** London 866-WXBRIEF (Toll free within Carey Lake Canada) or 866-541-4104 (Toll free within Canada & USA) Q **SERVICES** 5 aprt ramp £ A/D DATA Ramp PPR COMM 6000 UNICOM ltd hrs O/T tfc 122.8 5NM **ATF** 3800 ASL **CAUTION** Aprt gravel rwy not maintained, EMERG USE ONLY. Marked P-line 65 AGL adj S.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B84 AERODROME/FACILITY DIRECTORY

# **HENDERSON**/BIG GULL LAKE ON

CBG6

HEINDEINOOI	1) DIO GOLL LAILE ON	CDOO
REF	N44 49 11 W76 55 44 3.7ENE 12°W (2023) UTC-5(4) Elev 880' A1905 A5000	# # Big Gull
OPR	John Atkins 905-442-2770 Reg PPR	Lake O
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Boundary Island dock to the first to the fir
SERVICES FUEL	100LL emerg only PN	2300
A/D DATA	Open water Apr-Nov. Dock orientation is N/S. Park E side of dock. Ski ops Jan-Mar subject to ice conditions	0 1 2 3 4 5 6000
COMM	tfc 122.8 3NM 3900 ASL	
CAUTION	Windsock and marked rocks located ap	rx 490' E of dock.

# **HOOPERS LAKE NS**

CDT2

OPR Hoopers Lake Repairs & Svcs 902-761-2047 Fax 902-761-2010 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) (IFR only) Moncton 506-867-7177 or 866-480-8200  A/D DATA Open water Apr-Nov  COMM ATF tfc 123.2 5NM 3200 ASL  PRO Skiplane ops dur win months.  CAUTION Hi terrain at S end of lake. Numerous shoals S end.	REF	N43 57 14 W65 59 27 Adj N 18°W UTC-4(3) Elev 100' A5003	£LEV 100 &
FLT PLN FIC 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  A/D DATA Open water Apr-Nov  COMM ATF tfc 123.2 5NM 3200 ASL  PRO Skiplane ops dur win months.	OPR		2 2
FIT PLN FIC 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  A/D DATA Open water Apr-Nov  COMM ATF tfc 123.2 5NM 3200 ASL PRO Skiplane ops dur win months.	PF	D-1,2,3,4,5,6	dock dock
COMM ATF tfc 123.2 5NM 3200 ASL  PRO Skiplane ops dur win months.	FIC	Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or	t Hoopers t Lake POUS 51
ATF tfc 123.2 5NM 3200 ASL  PRO Skiplane ops dur win months.	A/D DATA	Open water Apr-Nov	
		tfc 123.2 5NM 3200 ASL	1 4)
CAUTION Hi terrain at S end of lake. Numerous shoals S end.	PRO	Skiplane ops dur win months.	
	CAUTION	Hi terrain at S end of lake. Numerous sh	noals S end.

HORNEPAY	NE ON	CNJ6
REF	N49 11 W84 53 4WSW 8°W UTC-5(4) Elev 1100' A5008	Schmidt's Is
OPR	Forde Lake Air Svcs 807-868-2741 Reg PPR	must 0
PF	B-1 C-2,3,4,5,6	Q ANDIUS 5NA Q
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	2900 t dock t
SERVICES FUEL OIL S	Forde Lake Air 100LL 100 2,5	Q 1 Second Government Lake 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A/D DATA	Open water mid May-mid Oct. Beach.	0 1 2 3 4 5 6000'
COMM ATF	tfc 122.8 3NM 4100 ASL	
CAUTION	Twr 1680 ASL 430 AGL, 0.8NM NE of d 122.8.	lock. Hornepayne Muni A/D aprx 5NM E on

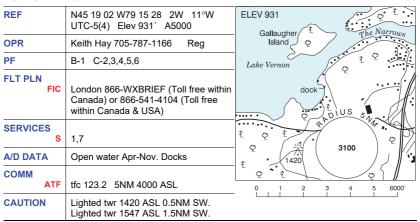
HUDSON ON		CJA9
REF	N50 06 W92 10 Adj N 0° UTC-6(5) Elev 1171' A5007 A5008	RELEV 1171
OPR	Tudhope Airways Ltd 807-582-3206 Reg	3200
PF	C-1 D-2,3,4,5	
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Lost Lake  Q  dock
A/D DATA	Open water mid May-Oct. Wharf. Skiplanes in win.	
COMM		0 1 2 3 4 5 6000'
ATF	tfc 122.8 5NM 4200 ASL	
NAV		
NDB	SIOUX LOOKOUT YXL 346 (M) N	50 07 06 W91 53 52

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CAUTION

### HUNTSVILLE ON CNU6



### **HUNTSVILLE/BELLA LAKE ON** CPY7 £ **ELEV 1168 REF** N45 27 10 W79 01 32 11.5NE 12°W ŧ UTC-5(4) Elev 1168' A5000 Q £ ŧ **OPR** M.C. Tideman 705-635-2873 Reg dock PF B-1 C-2,5 D-3,4,5 **FLT PLN** Bella Lake FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free DIUS within Canada & USA) **SERVICES** 20W50 Shell Ç 3100 2,5,6 A/D DATA Open water May-Nov. Beach. Ramp. Q COMM 6000 tfc 123.2 5NM 4200 ASL **ATF**

Unlgtd twr 1379 ASL WSW end of lake. Lgtd twr 1703 ASL aprx 2NM SE.

### **HUNTSVILLE (NORTH) ON**

CHL<sub>6</sub>

	_ ()	
REF	N45 19 53 W79 15 29 2.5W 11°W (2007) UTC-5(4) Elev 931' A5000	ÉLEV 931
OPR	Donald C. Strano 705-349-2170 Reg	t v
PF	B-1 C-2,3,4,5,6	Lake Vernon dock
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	\$ AD US 51/4
SERVICES FUEL S	100LL PN 2,5,6	3100 Gallaugher A A A A A A A A A A A A A A A A A A A
A/D DATA	Open water May-Nov. Beach. Dock.	0 1 2 3 4 5 6000
COMM	tfc 123.2 5NM 4000 ASL	
CAUTION	Lgtd twr 1420 ASL 1.0NM SW. Lgtd twr	1457 ASL 2.0NM SW.

### HURDS LAKE ON - See RENFREW / HURDS LAKE

### HURON ISLAND ON — See PARRY SOUND / HURON ISLAND

### HYDRAVION AVENTURE QC — See ST-ÉTIENNE-DES-GRÈS / HYDRAVION AVENTURE

**IGNACE ON** CJD9 1 **ELEV 1486 REF** N49 25 W91 40 Adj SW 1°W Ó UTC-6(5) Elev 1486' A5001 A5008 ŧ. **OPR** Ignace Airways Ltd 807-934-2273 Pickerel Bay Reg PF B-1 C-2,3,4,5 dock **FLT PLN** Pilots to open/close VFR flt plan with Ç London rdo, FISE or by phone Agimak Lake DIUS FIC London 866-WXBRIEF (Toll free within 5 N2 Canada) or 866-541-4104 (Toll free within Canada & USA) £ 3300 **SERVICES** A/D DATA Open water mid May-end Oct. 6000 COMM **ATF** UNICOM 122.8 5NM 4500 ASL CAUTION Ltd manoeuvering area inside breakwater. Numerous comm twr E of A/D, highest 2065 ASL, see current VNC.

### ÎLES-DE-LA-MADELEINE FSS - RCO

Cross reference to MADELEINE RADIO - RCO

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

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### INUVIK/SHELL LAKE NT

CEE3

REF	N68 19 28 W133 38 04 5SSE 24°E (2014) UTC-7(6) Elev 57' A5034 A5040	t. Q ELEV 57
OPR	North-Wright Airways 867-777-2220 Reg	t t
PF	B-1 C-2,3,4,5,6	155
CUST	AOE/15 888-226-7277 or 867-777-2761 16-00Z‡ exc hols	155 Shell Lake North-Wright
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	t Norm-wright Alrways & t.
SERVICES S	5	0 2 4 6 8 10 12000'
A/D DATA	Shell Lake. Open water Jun-Sep. Docks. Area may be used for ski ops du	ır win months.
COMM RADIO RCO MF	122.3 262.7 (E) at land A/D Edmonton rdo 123.375 (FISE) 126.7 (bcst) 5680 (FISE) rdo 122.3 5NM 3200 ASL around Inuvik land A/D 3NM E (CAR 602.98)	
NAV NDB VOR/DME	EV 254 (M) N68 19 34 W133 35 34 YEV 112.5 Ch 72 N68 18 29 W133	32 54 (264')

### ISLAND VIEW ON — See LAKE SCUGOG / ISLAND VIEW

### JENKINS COVE NB — See KARS / JENKINS COVE

### JENNY'S LANDING ON — See KENNISIS LAKE / JENNNY'S LANDING

JOHN'S BAY ON — See LAKE ROSSEAU / JOHN'S BAY

KAMANISKEG LAKE ON — See COMBERMERE / KAMANISKEG LAKE

KAMLOOPS	BC	CAH7
REF	N50 42 W120 26 3WNW 17°E (2013) UTC-8(7) Elev 1129' A5004	ELEV 1129
OPR	Kamloops Aprt Ltd 250-376-3613 Reg	(H)
PF	A-1,2,3,6 C-4,5 at adj land A/D	
CUST	AOE/15 16-08Z‡ 888-226-7277	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	ANDIUS 51/4 Thompson River
SERVICES	Float cart chg. Call out chg may be levied for one or more svcs. Mountainaire Svc 250-376-3800, Spring Avn 250-554-2616.	5300 dumps
FUEL	100LL, JA-1 avbl at adj A/D, acft removal fr water rqrd, refuelling at dock proh.	0 1 2 3 4 5 6000'
OIL	Shell 250-376-7633 or 250-819-9345 PN 80, 100, 120	I. Executive Flight Centre 250-376-9069.
S	1 (ltd),2,3 (at adj land A/D), 5	
A/D DATA	Open water Apr-mid Nov. Depth 12', sand bottom, current 5 kt. Spring freshets raise water level by 12'. Buoys, ramp & beach.	
COMM RADIO RCO MF	125.7 297.0 (V) (emerg only 250-376-7941) Pacific rdo 123.375 (FISE) 126.7 (bcst) rdo 125.7 5NM 4100 ASL centred on land A/D (CAR 602.98)	
PRO	Seaplane conform to land A/D tfc pattern: Rgt hand circuits Rwys 04, 22 & 27 (CAR 602.96). E departures climb to 2200 ASL or river junction before turning N.	
CAUTION	Dur low water sand bars hazardous; oprg channel swings from N side of river E of dock, to S side W of dock. Adj land A/D. Class "E" CZ to 5NM radius, 4100 ASL (2900 AGL).	

### KAMLOOPS FIC - RCO

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Cross reference to PACIFIC RADIO - RCO (New)

# KAMLOOPS FSS-RCO

Victoria 119.7 (RAAS) 08-14Z‡ (N48 38 W123 25)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

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### KARS / JENKINS COVE NB

CJO3

REF	N45 35 38 W65 57 25 1.3ESE 17°W (2017) UTC-4(3) Elev 20' A5003	ELEV 20  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q  Q
OPR	Richard Pattie 506-485-1122 Reg	
PF	B-1 C-2,5	
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.	Q denkins Cove Q docks to the Q Q to the Q Q Q To the Q Q Q To the Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
SERVICES S	5	t -
		0 1 2 3 4 5 6000
A/D DATA	Open water May-Dec	
COMM		
ATF	tfc 123.05 5NM 3000 ASL	

KA2RA	LAKE	41

CJP5

REF	N60 17 W102 31 7°E (2013) UTC-6(5) Elev 1089' A5024 A5031	ELEV 1089 1 2 2 1
OPR	Kasba Lake Lodge 250-248-3572 Reg PPR	aprille 1
PF	B-1,2,5 PN Oprg Jun15-Sep 1	wharves
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Kasba Lake + O IUS 5 1/1
SERVICES FUEL	100LL, JA Prior arng thru Opr Jun 15 - Aug 15	2600
A/D DATA	Open water Jun-Oct. Sand beach.	n st
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 4200 ASL	0 2 4 6 8 10 12000'

#### KASHABOWIE OUTPOSTS (EVA LAKE) ON CKO<sub>2</sub> REF N48 43 10 W91 12 10 30.2W **ELEV 1424** Q 2°W (2016) UTC-6(5) Elev 1424' Q A5001 A5008 Eva**OPR** Sapawe Air Ltd 807-929-2140 Reg Lake Q Q Q PF D-1,2,4,5 avbl 12-24Z May 1-Oct 25 **FLT PLN** Pilots to open/close VFR flt plan with RADIUS 5 NA London rdo, FISE or by phone Q London 866-WXBRIEF (Toll free within 0 Canada) or 866-541-4104 (Toll free within Canada & USA) 3100 **SERVICES FUEL** 100LL emerg only £ F. £ OIL 25W60 Q 2 A/D DATA Open water May 1-Oct 31 COMM **ATF** tfc 122.8 5NM 4500ASL

### KASHABOWIE/UPPER SHEBANDOWAN LAKE ON

Lgtd twr 1840 ASL (328 AGL) 2.7NM SE of A/D.

CAUTION

REF	N48 39 W90 24 1E 2°W UTC-5 Elev 1474' A5001 A5008	₹ ELEV 1474 £
OPR	Shebandowan Camps 807-926-2985/2442 Reg	Three
PF	B-1 D-2,5	3200 Mile Bay
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)	Upper Shebandowan Lake
SERVICES FUEL S	PN 100LL 5	+2 \ 2 \ 2 \ 2 \ 2 \ 2 \ 2 \ 2 \ 2 \ 2 \
A/D DATA	Open water May-Oct. Depth 6', sand bottom.	0 1 2 3 4 5 6000'
COMM ATF	UNICOM 122.8 5NM 4500 ASL	

KATRINE (THREE MILE LAKE) ON — See BURK'S FALLS / KATRINE (THREE MILE LAKE)

KAWAGAMA LAKE (SOUTH) ON — See DORSET / KAWAGAMA LAKE (SOUTH)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

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# KEENE/ELMHIRST'S RESORT ON

CNQ6

CAUTION	Adj land A/D.	
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL	
COMM		
A/D DATA	Open water May-mid Nov.	0 1 2 3 4 5 6000'
SERVICES FUEL OIL S	100LL W80, W100, 20W50 5	Q Q Lower Foley Island
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	aprt dock
PF	A-1,2,5,7,8 C-4 D-3,6	RADIUS 5NA
OPR	Elmhirst's Resort, Keene Ltd 705-295-4591 Reg	
REF	N44 15 05 W78 06 15 3E 12°W UTC-5(4) Elev 613′ A5000	Q ELEV 613

# KENNISIS LAKE / FRANCIS ON

CKS2

REF	N45 14 03 W78 37 20 7.1N 11°W UTC-5(4) Elev 1212' A5000	ELEV 1212
OPR	Keith R. Francis 647-287-2227 Reg PPR	
FLT PLAN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock RADIUS 5/M
A/D DATA	Open water mid May-Nov. Dock	3100
COMM	tfc 123.2 5NM 4300 ASL	Kennisis Lake
		0 1 2 3 4 5 6000'

### KENNISIS LAKE / HALMINEN ON

CHM3

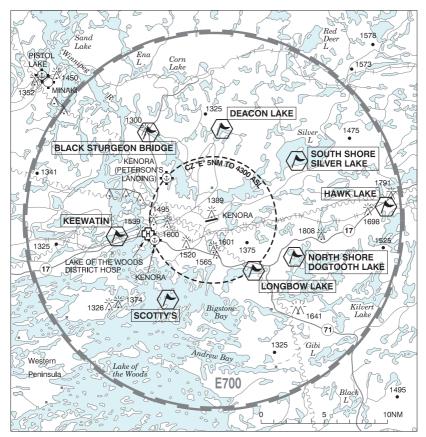
	THE / TIME INSTERNATION	
REF	N45 11 42 W78 40 29 5.7NNW West Guilford 11°W (2019) UTC-5(4) Elev 1212' A5000	ADIUS 5 12 1 1 2 2 2 2 2 2 ELEV 1212
OPR	Tandem Developments Inc 905-449-1857 Reg PPR	3100 Kennisis Lake
FLT PLAN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Buckshin 1 dock 1
A/D DATA	Open water mid May-mid Oct. Deep water at Dock	
COMM	tfc 123.2 5NM centred on Kennisis Lake / Francis A/D 3.2NM NE 4300 ASL	Q t t 4 Q /
CAUTION	Hight terrain in vic. Boat tfc.	

# KENNISIS LAKE / JENNY'S LANDING ON

CKL4

REF	N45 14 22 W78 36 33 7.4N West Guilford 11°W (2019) UTC-5(4) Elev 1212' A5000	ELEV 1212 Q t t
OPR	Robert Baldasaro 365-688-4327 Reg PPR	
FLT PLAN		5 7
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock  ADUS 5 NA Kennisis Lake
A/D DATA	Open water May-Nov. Dock.	Rennisis Luke
COMM	tfc 123.2 5NM centred on Kennisis Lake / Francis 1NM WSW 4300ASL	3100 £ Q
PRO	Circuits flown over water.	0 1 2 3 4 5 6000'
CAUTION	Rocky shoreline.	
		<del>-</del>

### 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 ON CJM9 1539 WalstenAir Torus Safety Bay 2800 € Coney € Island ŧę Greens Bay ŧ. 6000 Ç £ Q

REF	N49 45 56 W94 29 40 Adj W 1°E (2014) UTC-6(5) Elev 1060´ A5007	
OPR	River Air Ltd 807-468-7104 Reg	
PF	B-1,2,3,4,5,6	
CUST	AOE/15/SEAPL 888-226-7277 14-02Z‡ May 15-Oct 15	
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 OIL S	100LL, JA-1 80, 100 2,3,5	
A/D DATA	Open water mid May-Oct. Reefs, islands & navigation buoys vis from the air.	
COMM RADIO RCO MF ATF UNICOM	122.2 (E) (emerg only 807-548-5076) London rdo 123.375 (FISE) 126.7 (bcst) Kenora rdo 122.2 5NM centred on Kenora land A/D 5.2NM ENE 4300 ASL (CAR 602.98) tfc 122.2 5NM 4300 ASL 122.8	
	OPR PF CUST FLT PLN FIC SERVICES FUEL OIL S A/D DATA COMM RADIO RCO MF ATF	

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KENORA ON	I (Cont'd) CJM9
NAV VOR/DME	SIOUX NARROWS VBI 115.2 Ch 99 N49 28 37 W94 02 48 (1312')
PRO	Area 1 & 2 in sketch not authorized for tkof & taxiing at speeds greater than rqrd to maintain steerage way. Area 2 not authorized for ldg.
CAUTION	Extended centre line land A/D (5.2NM ENE) intersects float bases. Numerous swimmers & small pleasure boats.

# KENORA FSS-RCO

Norway House 122.1 (RAAS) 13-02Z‡

Red Lake 122.3 (RAAS) 12-04Z‡ (N51 04 W93 48)

# KENORA (PETERSON'S LANDING) ON

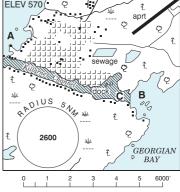
CPL7

REF	N49 50 33 W94 27 28 4.7NNE 1°E (2023) UTC-6(5) Elev 1037' A5007	ELEV 1037 £
OPR	Alf Moncrief 807-467-1323 Reg PN	£ ( / )
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	ROIUS 5 1
SERVICES S	5,7	2600
A/D DATA	Open water mid-May-Oct. Depth 2-3' at dock, sand & rock bottom. Area may be used for ski ops dur win months.	\$ £ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
COMM	MF Kenora rdo 122.2 5 NM centered on Kenora A/D 4.9 NM SE 4300 ASL (CAR 602.98)	0 1 2 3 4 5 6000°

# KILLARNEY (KILLARNEY MOUNTAIN LODGE) ON

CKY4

REF	N45 58 09 W81 30 25 Adj SE 10°W (2011) UTC-5(4) Elev 570' A5000 A5001
OPR	Killarney Mountain Lodge 705-287-2242 Reg
PF	B-1,2,3,5 C-4
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL	MOGAS W100, 15W50
A/D DATA	Open water May to mid-Oct
COMM	tfc 122.8 5NM 3600 ASL



KILLARNEY (KILLARNEY MOUNTAIN LODGE) ON (Cont'd) CKY	
PRO	Conduct tkof and ldg in areas A&B in sketch. Avoid tkof and ldg in area C. Step taxiing proh in areas A, B and C
CAUTION	Situated on extended rwy centreline of land A/D 0.5NM NE. Intersects Killarney channel. Numerous pleasure craft. Georgian Bay subject to heavy swells.

KINCOLITH	BC	CBAS
REF	N55 00 W129 57 Adj 20°E (2013) UTC-8(7) Elev 00' A5013	£ £ Q Q KINONIAN Q E ELEV 00
OPR	Gingolx Development Corporation 250-326-4323 Reg	7 t 2 2 2 t
PF	B-1,2 D-3,5	, 0 0 0 0
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Nass Bay POIUS 544
SERVICES S	7	6300
A/D DATA	Tidal range 18′. Ramp at hi tide only. Float usable at 11′ plus tides only.	
COMM	tfc 123.2 5NM 3000 ASL	0 1 2 3 4 5 6000'
CAUTION	Subject to heavy seas.	

KINGSTON	ON	CKN2
REF	N44 14 27 W76 36 13 5.1WNW 12°W (2018) UTC-5(4) Elev 246' A5000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OPR	Fly Kingston Airways 613-544-2359 Reg PPR 14-22Z‡	
PF	B-1,2 C-3,4,5,6	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	docks docks of the policy of t
SERVICES FUEL OIL S	100LL W100, 15W50 1,2,3,4,5,6	2000 Suc Q 2 1 2 3 4 5 6000'
A/D DATA	Open water mid Apr-Nov. Skiplane ops mid Dec-Mar.	
COMM RADIO RCO ATIS MF	122.5 (V) 1115-0400Z‡ (emerg only London rdo 123.55 (FISE) 126.7 (bcst) 135.55 1115-0400Z‡ at Kingston land rdo 122.5 1115-0400Z‡ 5NM centred 602.98) tfc 122.5 0400-1115Z‡ 5NM centred	A/D on Kingston land A/D adj S 3300 ASL (CAR
PRO	Ctc Kingston rdo prior to entering CZ an	nd prior to dep.
CAUTION	Vessel tfc activity in Collins Bay on wkn	ds, waterfowl present in area.

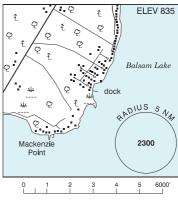
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B98 AERODROME/FACILITY DIRECTORY

# KIRKFIELD / BALSAM LAKE (DUTTO) ON

### CDA8

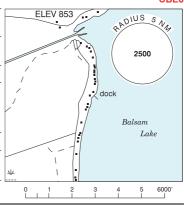
REF	N44 35 25 W78 52 01 5.1E 11°W (2022) UTC-5(4) Elev 835' A5000	£ Q Q
OPR	Alex Dutto 905-586-1004 Reg PPR	1/Q 1
PF	C-2,3,4 D-5,6	5
FLT PLN		/ . * /
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	φ Q
A/D DATA	Open water mid-Apr to mid-Nov.	Mackenzie
COMM		Point
ATF	tfc 123.2 5NM 3900 ASL	
CAUTION	Hvy recreational boat tfc dur sum. Unkn A/D adj SW.	0 1



# KIRKFIELD / BALSAM LAKE (ERLANDSON) ON

### CBE6

PPR	REF	N44 34 12 W78 53 31 4E 11°W (2019) UTC-5(4) Elev 853' A5000	
FLT PLN FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)  A/D DATA Open water mid-Apr to mid-Nov.  COMM ATF tfc 123.2 5NM 3900 ASL	OPR	Douglas Erlandson 705-341-8642 Reg PPR	
FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)  A/D DATA Open water mid-Apr to mid-Nov.  COMM  ATF tfc 123.2 5NM 3900 ASL	PF	C-2,3,4 D-5,6	
COMM ATF tfc 123.2 5NM 3900 ASL			
ATF tfc 123.2 5NM 3900 ASL	A/D DATA	Open water mid-Apr to mid-Nov.	
	ATF		
		-	



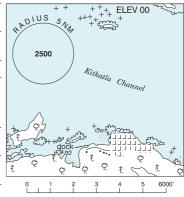
#### KIRKFIELD / BALSAM LAKE SEAPLANE BASE ON CKW7 6 West .... ELEV 853 REF N44 32 38 W78 53 36 4SE 11°W (2011) UTC-5(4) Elev 853' Q A5000 Q Q Ç Q **OPR** Brian Freymond 705-928-1795 Reg PPR Apr 30-Nov 15 1 PF C-2,3,4 D-5,6 Q **FLT PLN** RADIUS London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free aprt within Canada & USA) 2500 **SERVICES** 50.80.100 Q Q S 1,2,3,4,5 2 6000 A/D DATA Open water mid-Apr to mid-Nov. COMM UNICOM ltd hrs O/T tfc 123.2 5NM 3900 ASL **ATF PRO** Land in west bay of Balsam Lake and taxi to docks following markers in channel.

KITKATLA BC CAP7

Submerged tree stumps outside the marked channel, Land A/D adi S.

REF	N53 48 W130 26 Adj 19°E (2013) UTC-8(7) Elev 00' A5013		
OPR	The Gitxaala Nation 250-848-2214 Reg		
PF	C-1,2		
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)		
SERVICES S	7		
COMM	tfc 123.2 2NM 1500 ASL		
CAUTION	Shoal in mouth of channel, strong tidal current at dock.		

CAUTION



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B100 AERODROME/FACILITY DIRECTORY

#### **KNEE LAKE MB** CKW8 ŧ. **REF** N54 53 27 W94 48 27 Adj N 0° (2014) ELEV 577 UTC-6(5) Elev 577' A5016 A5017 Q £ **OPR** North Star Resort 1-800-563-7151 Reg Q Q PΝ PF C-1,2,5 PN Opr June 1-Sep 1 **FLT PLN** Pilots to open/close VFR flt plan with ADIUS Edmonton rdo, FISE or by phone. 5NA FIC Edmonton 866-WXBRIEF (Toll free Omusinapis & within Canada) or 866-541-4102 (Toll Point free within Canada & USA) Knee Lake 2000 **SERVICES** Ç **FUEL** 100LL, JA (avbl at resort) PN Opr Q A/D DATA Open water late May-Oct. 6000 COMM UNICOM ltd hrs May 15-Sep 1 O/T tfc 122.8 5NM 3700 ASL

### KUSHOG LAKE ON — See CARNARVON / KUSHOG LAKE

KYUQUOT E	3C	CAR7
REF	N50 02 W127 22 Adj 18°E (2013) UTC-8(7) Elev 00' A5004	Walters V
OPR	TC 604-666-5420 Reg	ED Cove dock
PF	B-1,2	2 to the state of
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	+ Viadane Cianner 4 POLUS 5NA
COMM	tfc 123.2 5NM 3000 ASL	\$ 4300
NAV VOR/DME	PORT HARDY YZT 112.0 Ch 57 N50 41 04 W127 21 57 (66')	Barter & Cove
PRO	Cond permitting, avoid ldg/tkof inside Walters Cove.	0 1 2 3 4 5 6000'
CAUTION	Rstd manoeuvring area, watch for boats	s and swimmers.

CAUTION

#### LAC-À-BEAUCE oc CSS7 Q REF N47 19 17 W72 45 54 Adj E **ELEV 670** 16°W (2014) UTC-5(4) Elev 670' ŧę, £ OPR Aviation La Tuque 819-523-9616 £ Rea PPR ę Ł 0 PF B-1 C-2 D-3,4,5,6 water **FLT PLN** (bil) **FIC** Québec 866-GOMÉTÉO or I DA Lac-à-Beauce Q 866-WXBRIEF (Toll free within Canada) ŧ or 866-541-4105 (Toll free within Canada & USA) 2900 **SERVICES** OIL 100 7 5 6000 Open water May-mid Nov. Depth 4', A/D DATA sand bottom, ramp. Ctc Opr. COMM Québec rdo (La Tuque) 123.475 (FISE) 126.7 (bcst) may not be receivable on the **RCO ATF** tfc 122.325 5NM 3700 ASL, Common freg with La Tugue A/D (CYLQ) UNICOM 122.325 (5NM N) A/G Aviation La Tuque 123.85

#### LAC-A-LA-TORTUE QC CSU<sub>7</sub> bius ELEV 427. © REF N46 37 00 W72 37 33 2.6E Grand-Mère 16°W (2014) UTC-5(4) Elev 427' A5002 2300 Bel Air Laurentian Aviation Inc **OPR** 819-538-8623 Rea Ŝ, Lac-à-la-Tortu تييدنح PF B-1 C-2,3,4,5,6 at adj land A/D **FLT PLN** ŧ (bil) FIC Québec 866-GOMÉTÉO or red £ علد 3 866-WXBRIEF (Toll free within Canada) £ or 866-541-4105 (Toll free within Ç Canada & USA) dock علد **SERVICES** ·L L 0 100LL **FUEL** OIL ΑII 6 10 12000 1.2.3.4.5 A/D DATA Open water May-Oct incl. Ramp, crane & sand beach. COMM UNICOM ltd hrs O/T tfc 122.7 5NM 3500 ASL

Shallow area in entrance to N arm of lake.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### B102 AERODROME/FACILITY DIRECTORY

LAC-À-LA-	TORTUE QC (Cont'd) CSU7
PRO	Mauricie Common Frequency Area. See Section C Planning. Consideration for noise abatement - See Canada Flight Supplement (CFS) under Lac-à la Tortue (water aerodrome) for suggested procedures. 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 of 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 BERTHELOT QC CTS3 ELEV 1250 **REF** N48 31 12 W76 09 45 15°W UTC-5(4) Elev 1250' A5009 ŧ. Ç **OPR** Gary Koch/Berthelot Lake Lodge 819-737-4684 Reg Ç ŧ. PF B-1,2,5 Q ŧ **FLT PLN** Q FIC dock Québec 866-GOMÉTÉO or ANDIUS Q 5 Ny 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) ŧ 2900 **SERVICES FUEL** 100LL, MG Q OIL 100, W100, 20W50 ŧ A/D DATA Open water late May-mid Oct. COMM **RCO** (bil) Québec rdo (Roberval) 5680 (FISE) may not be receivable on the ground. **ATF** ÙNÍCOM ltd hrs Ò/T tfc 122.8 5NM 4300 ASL A/G 4546 ltd hrs **PRO** No tkof/ldg in front of lodge, use Berthelot River. CAUTION Rocks visible in river.

# LAC CACHÉ QC — See CHIBOUGAMAU / LAC CACHÉ

# LAC CLOUTIER QC — See ST-ALPHONSE / LAC CLOUTIER

# LAC-DES-ÉCORCES QC

CTV2

L/ (O DEO E	ONOLO GO	0111
REF	N46 32 55 W75 25 07 2.5E 15°W UTC-5(4) Elev 753' A5002	ELEV 753 / 4
OPR	N. Arbour 819-616-0334 Reg PPR	dock
PF	B-1 D-2,3,5	4
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Lac des Écorces
SERVICES S	5	2700
A/D DATA	Open water May-mid Nov. Dock depth 3-4′, mud bottom.	
СОММ		0 1 2 3 4 5 6000'
RCO ATF	(bil) Québec rdo (Mont-Laurier) 123.475 tfc 122.8 5NM 3800 ASL	(FISE)
CAUTION	Lgtd twr 1149 ASL 2.3NM SW.	

# LAC DES RAPIDES QC — See SEPT-ÎLES / LAC DES RAPIDES

# LAC DU BONNET (NORTH) MB

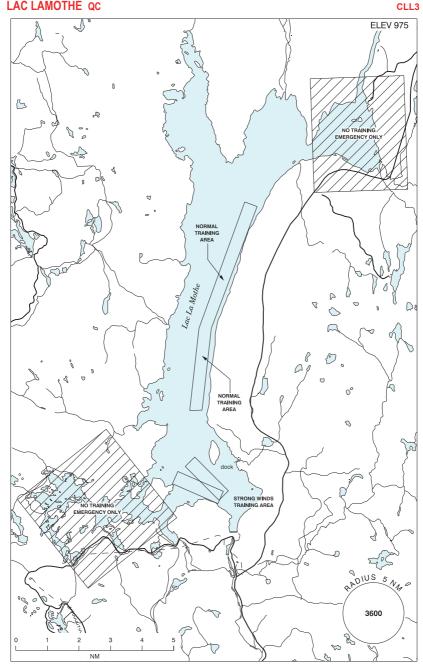
CJS9

REF	N50 17 W96 00 3NE 2°E (2014) UTC-6(5) Elev 836' A5007	ELEV 836 Q 1 PO US SHAPE
OPR	Adventure Air 204-345-8322 Reg	Aprt Q Q Q
PF	B-1 C-2,3,4,5	2500
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)	Winnipeg River dock
SERVICES FUEL OIL S	100LL, JA-1 PN Opr Mon-Fri 14-23Z‡ O/T call out chg 20W50, 25W60 1,2,3,5	1 2 3 4 5 6000'
A/D DATA	Open water May-mid Nov. Slipway & hoist.	
СОММ		
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 39	00 ASL
CAUTION	Cable crossing 0.5NM S 100 AGL. Adj t Rwy 18 (CAR 602.96).	o land A/D, rgt hand circuits 1600´ ASL

# ${\color{red}\textbf{LAC KAIAGAMAC}} \ \ {\color{red}\textbf{QC - See}} \ {\color{red}\textbf{ST-MICHEL-DES-SAINTS/LAC KAIAGAMAC}}$

### LAC DUCHAMP QC — See CLOVA / LAC DUCHAMP

# LAC LAMOTHE QC



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### AERODROME/FACILITY DIRECTORY B105

CTP4

LAC LAMOTHE QC (Cont'd) CLI		
OPR	PR Centre québécois de formation aéronautique (Cegep de Chicoutimi) 418-673-342 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)	
SERVICES		
S	7	
A/D DATA	Open water end May-end Sep. Sand bottom. Dock.	
СОММ		
ATF	tfc 123.5 5NM 4000 ASL	
VFR ADV	(bil) Bagotville Tml 121.2	

# LAC LOUISE QC — See MANIC 5 / LAC LOUISE

LAC PAU (CANIAPISCAU) QC

Ī

REF	N54 50 42 W69 52 55 21°W (2014) UTC-5(4) Elev 1657′ A5019	£ & & & & & & & & & & & & & & & & & & &
OPR	Air Tunilik 418-673-1312 Base 418-579-0947 or 418-543-1312 Reg	Q Lac Pau Q Lac Pau Q t Q
PF	B-5 C-1,2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	3500   dock   Q   Q   Q   Q   Q   Q   Q   Q   Q
SERVICES FUEL	100LL PN, JA	Q A/D closed Q Q £ Q

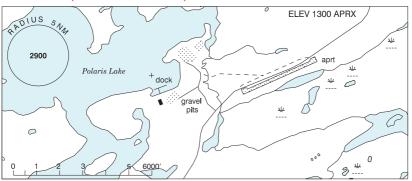
A/D DATA Open water June-Oct. Sand bottom

COMM

ATF tfc 123.2 5NM 3700 ASL

# LAC POLARIS (POURVOIRIE MIRAGE INC) QC



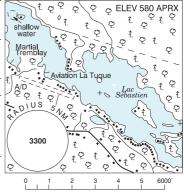


REF	N53 48 02 W72 52 00 19°W (2014) UTC-5(4) Elev 1300' aprx A5019
OPR	Pourvoirie Mirage Inc 819-854-5151 Fax 819-854-5154 Reg PPR
PF	C-1,2,5
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA).
SERVICES	
FUEL OIL	100LL, JA W100, 25W60, 15W50, 80, TURBO
A/D DATA	Open water June 1 - Oct 15.
СОММ	
ATF	tfc 122.85 5NM 4400 ASL centered on land A/D 0.5NM E
PRO	Land A/D 0.5NM E. Overfly outfitters 2NM S before ldg if no comm ctc established or if outside regular oprg hrs (13-23Z‡).

### LAC ST-AUGUSTIN QC — See QUÉBEC / LAC ST-AUGUSTIN

# LAC SÉBASTIEN QC CTD3

REF	N48 39 06 W71 08 45 2N St-David-de-Falardeau 18°W UTC-5(4) Elev 580' aprx A5010	shallow water
OPR	Aviation La Tuque 418-278-7364 Martial Tremblay 418-592-8989 Reg PPR	Martial Tremblay
PF	B-1,2 C-5 D-3,4,6	L) A/D
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	3300
SERVICES FUEL OIL S	Svcs avbl thru Aviation La Tuque 100LL 100 4,5	0 1



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### AERODROME/FACILITY DIRECTORY B107

	LAC SÉBAS	TIEN QC CTD3
	A/D DATA	Open water May-Oct. Ramp (Aviation La Tuque) & sandy beach.
		tfc 123.5 5NM 3600 ASL
		Hvy tng S of water aerodrome fr W bdry of Chicoutimi/St-Honoré CZ to St-Augustin (Freq 123.4). Shallow water, see sketch. Hvy boat tfc on lake.

# LAC SIMON (BLAIS AÉDONALITIQUE INC.) OC

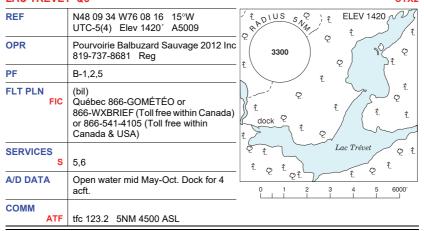
LAC SIMON	(BLAIS AÉRONAUTIQUE INC) QC	CLS7
REF	N45 54 46 W75 05 42 Adj NNE 13°W (2023) UTC-5(4) Elev 672' A5000 A5002	£ ELEV 672
OPR	Blais Aéronautique Inc. 819-592-2376 Reg PPR	S T S NOW WOUNDS
PF	B-1,5,6 C-2,4,7,8	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Q t dock  ADOUS 5 VA Lac Simon  2900
SERVICES FUEL OIL S	MOGAS emerg only, ctc opr. 80, 100 emerg only, ctc opr. 1,2,3,4,5	0 1 2 3 4 5 6000
A/D DATA	Open water May-Oct. Depth 3' min at dock. Sand bottom. Dock, ramp, beach. Ltd docking facilities (1 at dock, 2 on SW side of beach), ctc OPR.	
COMM	tfc 123.2 5NM below 3700 ASL	
PRO	No tkof bfr 0800 lcl. Avoid overflying shore blw 1000 ASL.	
CAUTION	Heavy boat tfc. Marinas, swimming & nautical activity areas.	

# LAC STABELL QC — See VAL-D'OR / LAC STABELL

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B108 AERODROME/FACILITY DIRECTORY

### LAC TRÉVET OC CTX2



### LA GRANDE FSS - RCO

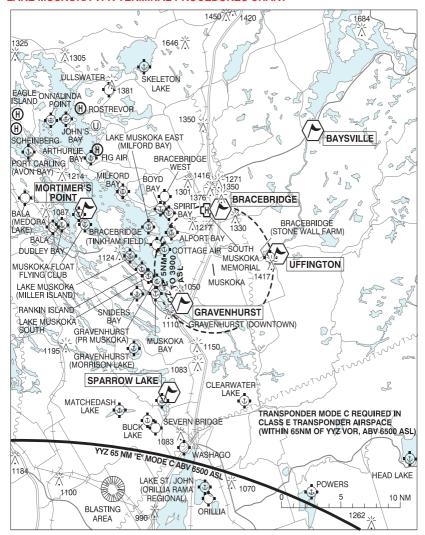
Kuujjuarapik 122.2 (RAAS) (N55 16 55 W77 45 55)

#### LAKE DOUCETTE NB CDU9 ELEV 39 **REF** N44 03 30 W066 07 34 1.6E ŧ Q 16°W (2024) UTC-4(3) Elev 39' ŧ. Lake A5003 Doucette **OPR** Mike A Gittens 902-769-8807 Reg Q PPR £ PF D-1.2.3.4.5.6 docl **FLT PLN Doctors** Q RADIUS FIC London 866-WXBRIEF (Toll free within Q Canada) or 866-541-4104 (Toll free within Canada & USA) Q 1700 A/D DATA Open water Apr 1-Nov 1. Dock & beach ŧ COMM ŧ ATF tfc 123.2 5NM 3100 ASL 0 2 3 6000 CAUTION Large, submerged rock NE river entrance.

### LAKE JOSEPH ON — See PORT CARLING / LAKE JOSEPH

#### LAKE JOSEPH / BURNEGIE BAY ON CLJ4 **ELEV 742** Q **REF** N45 14 04 W79 44 37 4.6WSW Q Rosseau 10°W (2023) UTC-5(4) Elev 742′ A5000 £ Burnegie Bay **OPR** Timothy Best 705-542-5542 Reg PPR ŧ. . £ PF C-1,2,3,6,7 D-5 Q $Lake\ Joseph$ doe **FLT PLN** Q RADIUS 5 N4 FIC London 866-WXBRIEF (Toll free within ŧ. Canada) or 866-541-4104 (Toll free Q within Canada & USA) 2400 A/D DATA Open water May-Nov ŧ. Round COMM ) Is. UNICOM ltd hrs O/T tfc 122.8 5NM **ATF** Ó centered on Parry Sound land A/D 6000 3.9NM WNW 3800 ASL. Ocsl boat tfc. Lgtd twr 2.1NM NW 1234 ASL. Parry Sound Area Muni A/D 3.9NM CAUTION

### LAKE 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"

#### LAKE MUSKOKA / ALPORT BAY ON CLM<sub>3</sub> REF N45 01 16 W79 22 58 4SW **ELEV 739** Bracebridge 11°W UTC-5(4) ŧ. Elev 739 A5000 **OPR** Larry Miller 705-644-3413 Reg PPR Ó PF C-1,2,3,4,5,6 DIUS 5 Ny **FLT PLN** London 866-WXBRIEF (Toll free within Lake Canada) or 866-541-4104 (Toll free within Canada & USA) 2700 **SERVICES** s 5 Q Q Open water Apr-Nov. Depth to 6'. Sand A/D DATA 6000 COMM RCO 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 4.4NM SE 3900 ASL (CAR 602.98) **PRO** RAAS and FISE RCOs may not be receivable on ground. See Lake Muskoka VTPC. CAUTION Heavy boat tfc dur sum.

### LAKE MUSKOKA / BOYD BAY ON

CBB3

REF	N45 03 05 W79 24 32 4.35W 11°W (2014) UTC-5(4) Elev 739′ A5000	golf Course £LEV 739 Q 1
OPR	Robert Murray Walker 416-464-8722 Reg	
FLT PLN		t (
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock  Boyd Bay  Pine  PD 1 US 5 My
A/D DATA	Open water May 15 - Oct 30. Silt and rock bottom. Water depth at dock 6'. Dock hgt 18"	Island
СОММ		Frank Island
ATF	tfc 122.8 5NM 3700 ASL excluding Muskoka CZ	0 1 2 3 4 5 6000'
PRO	See Lake Muskoka VTPC.	
CAUTION	Hvy boat tfc dur sum.	

# LAKE MUSKOKA / COTTAGE AIR ON

CCA4

REF	N45 00 01 W79 24 20 5WSW Bracebridge 11°W (2023) UTC-5(4) Elev 739′ A5000	ELEV 739
OPR	Cottage Air Inc. 705-706-1390 Reg PPR	Muskoka + + Hamblus
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Point to the point
SERVICES FUEL OIL S	100LL PN 25W60 PN 5 PN	t Q Q t t 2400
A/D DATA	Open water May-Nov.	0 1 2 3 4 5 6000'
COMM RCO MF	Timmins rdo 122.3 (RAAS) London rdo 123.475 (FISE) 126.7 (bcst) Timmins rdo 122.3 5NM centred on Muskoka A/D 4.4NM ESE 3900 ASL (CAR 602.98)	
PRO	RAAS and FISE RCOs may not be receivable on ground. See Muskoka VTPC.	
CAUTION	Hvy recreational boat tfc dur sum. Bracebridge (Tinkham Field) land A/D Adj NNW.	

# LAKE MUSKOKA/DUDLEY BAY ON

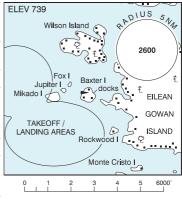
CNT5

LAIL MOOK	ONA/ DODLET DAT ON	CNTS
REF	N45 02 W79 36 2NE Bala 11°W UTC-5(4) Elev 739′ A5000	e nius s
OPR	Ted Mills 705-762-3367 Reg PPR	North Bay
PF	B-1 D-2,3,4,5,6	2500 Dudley 2 1
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Bay Bay
SERVICES S	5	O O O O O O O O O O O O O O O O O O O
A/D DATA	Open water May-mid Nov. Depth 6', beach.	
COMM ATF	tfc 122.8 5NM 3700 ASL	0 2 4 6 8 10 12000'

# LAKE MUSKOKA EAST (MILFORD BAY) ON

CLM7

REF	N45 01 48 W79 25 56 3.37NW 11°W (2014) UTC-5(4) Elev 739' A5000	
OPR	Graham Wishart 416-233-7663 Reg PPR	
PF	B-1	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104(Toll free within Canada and USA)	
A/D DATA	Open water May-Nov	
COMM	tfc 122.8 5NM 3700 ASL excluding Muskoka CZ	
PRO	Ldg and tkof to be conducted outside the island grouping to the W. See Lake Muskoka VTPC.	



### LAKE MUSKOKA / MILFORD BAY ON

CMB6

REF	N45 04 31 W79 28 49 Adj ENE 11°W (2014) UTC-5(4) Elev 739' A5000	t golf ELEV 739
OPR	Arnold Coulson 705-645-0872 Reg PPR	
PF	B-1 D-2,3,4,5,6	Island Republic Strain Republi
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock 2600
SERVICES S	5	+10/200
A/D DATA	Open water mid Apr to Nov. Depth 2-8', sandy bottom, mooring and beach.	0 1 2 3 4 5 6000'
COMM ATF	tfc 122.8 5NM 3700 ASL excluding Mu	skoka CZ
PRO	See Lake Muskoka VTPC.	
CAUTION	Summer boat traffic.	

#### LAKE MUSKOKA (MILLER ISLAND) ON CLM6 REF N44 59 32 W79 27 55 4.5E Torrance **ELEV 739** 11°W (2014) UTC-5(4) Elev 739' ŧ A5000 OPR Peter Copp 416-988-3772 Reg PN 2500 PF B-1,4,7,8 C-2,3,5 D-6 **FLT PLN** FIC London 866-WXBRIEF (Toll Free within Lake Muskoka Canada) or 866-541-4104 (Toll free within Canada & USA) **SERVICES FUEL** 100LL, MG-3 emerg only annereOIL W100 emerg only BayS 6,7 6000 A/D DATA Open water Apr-Nov, depth 2-16'. COMM tfc 122.8 5NM 3700 ASL excluding Muskoka CZ. **ATF** PRO See Lake Muskoka VTPC. **CAUTION** Summer boat tfc.

#### LAKE MUSKOKA / MORTIMER'S POINT ON CNC7 ELEV 739 2 **REF** N45 03 00 W79 33 40 4S Port Carling Q 11°W UTC-5(4) Elev 739' A5000 **OPR** Dan Mortimer 705-765-3511 ŧ PF B-1 C-2.3.4.5.6 **FLT PLN** DIUS 5 NA FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) dock 2500 **SERVICES** PN emerg only **FUEL** 100LL Shaw OIL 80, 100 Island Muskoka5 Bass Island A/D DATA Open water Apr-Nov. Depth 3-8' sand & rock bottom. Mooring & beaches. 2 6000 COMM tfc 122.8 5NM 3800 ASL **ATF** CAUTION Heavy sum boat tfc. Numerous shoals. Svc(s) avbl for emergencies only.

# LAKE MUSKOKA / RANKIN ISLAND ON

CRW3

REF	N44 58 30 W79 26 30 4.5NW 11°W (2019) UTC-5(4) Elev 739′ A5000	ELEV 739 CANDIUS 5 MA
OPR	Gary Bot 905-854-5123 or 905-691-7804 Reg PPR	Lake Muskoka Q
PF	C-1,2,3,5 D-4,6	Î Î
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock t Rankin Island
SERVICES S	5	
A/D DATA	Open water May-Nov	0 1 2 3 4 5 6000
COMM ATF	tfc 122.8 5NM excluding Muskoka CZ	3800 ASL
PRO	See Lake Muskoka VTPC.	<u> </u>
CAUTION	Hvy boat tfc dur sum. Shallow water with	h rocks around chan marker buoy.

# LAKE MUSKOKA SOUTH ON

CLM5

REF	N44 57 59 W79 25 48 4SE Gravenhurst 11°W UTC-5(4) Elev 739′ A5000	Regina Island ELEV 739  Rankin + +   C   C   N   Island Lake   Muskoka   Infi
OPR	Ken Chapple / Steve Hamer 705-687-1027/646-4605 Reg	Petes+ Island
PF	B-1 C-2,3,5 D-4	10
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q Q Rocks Twin-Hg Rocks Rock Rocks Rocks Rock Rocks Rock Rock Rock Rock Rock Rock Rock Rock
SERVICES FUEL OIL S	100LL Emerg only 80 Emerg only 5	2500 t
A/D DATA	Open water May-Nov	
COMM	tfc 122.8 5NM 3700 ASL excluding Mu	skoka CZ
PRO	See Lake Muskoka VTPC.	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B116 AERODROME/FACILITY DIRECTORY

### LAKE MUSKOKA / SPIRIT BAY ON

CCB9

REF	N45 02 53 W79 23 26 Adj 11°W (2019) UTC-5(4) Elev 739' A5000	£ ELEV 739 Q £ NOUS 5 1/9
OPR	Spirit Bay Harbour Marina 705-645-4100 Reg	Spirit Bay
PF	C-1,2,3,4,5,6	dock
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Lake Muskoka
SERVICES FUEL S	100LL, 5,6,7	00 £.
A/D DATA	Open water mid May-Oct.	0 1 2 3 4 5 6000'
COMM ATF	tfc 122.8 5NM 3800 ASL excluding Mu	skoka CZ
PRO	No tkof/ldg in immediate bay area.	
CAUTION	Hvy recreational boat tfc dur sum.	
	•	-

# 

### LAKE PANACHE ON — See WHITEFISH / LAKE PANACHE

### LAKE ROSSEAU/ARTHURLIE BAY ON

CPF9

REF	N45 06 38 W79 33 01 Adj S Port Carling 11°W UTC-5(4) Elev 742′ A5000	ELEV 742
OPR	Gary Sohal 905-541-3381 Reg PPR	Lake Q Arthurling
PF	B-1 D-2,3,4,5,6	Arthurtte Ray
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t DIUS 514 dock
SERVICES S	5	2600 Q t Q t Q T Q T Q T Q T Q T Q T Q T Q T
A/D DATA	Open water May-mid Nov. Depth 4' at docks, sand beach.	Of the street of O
СОММ		0 1 2 3 4 5 6000'
ATF	tfc 122.8 5NM 3700 ASL	

# LAKE ROSSEAU / JOHN'S BAY ON

CLR2

REF	N45 10 13 W79 35 52 2W 11°W (2014) UTC-5(4) Elev 742' A5000	ELEV 742  Lake Rosseau  \$\frac{1}{1}  \text{Q}\$
OPR	Stephen Niblett 705-769-1916 Reg	1 2 t 2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Sicamous Q Johns Bay Johns Bay Q t Johns Bay Q t T
SERVICES FUEL OIL	100LL emerg use only Aero Shell 100 Plus, Phillips X/C 20W50 emerg use only	2600 £ 1. Q Barn
A/D DATA	Open water May 1- Oct 30. Depth 5' sand bottom.	Bay Q
COMM	tfc 122.8 5NM 3800 ASL	
CAUTION	Sum boat tfc.	

# LAKE ROSSEAU / ONNALINDA POINT ON

COP3

REF	N45 10 06 W79 37 28 3.7NNW Port Carling 11°W (2016) UTC-5(4) Elev 742 A5000
OPR	Michael Koff 416-720-5497 Reg PPR
PF	C-1,2,5,6,7 golf course.
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	5 Property of the second of th
A/D DATA	Open water May 1-Oct 31. Depth 2', sand bottom.  Rockhaven Island  0 1 2 3 4 5 6000'
СОММ	0 1 2 3 4 5 6000'
ATF	tfc 122.8 5NM 3800 ASL
CAUTION	Sum boat tfc.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B118 AERODROME/FACILITY DIRECTORY

# LAKE SCUGOG / BALL POINT (SMITH) ON

CBP7

REF	N44 12 24 W78 48 33 5.2SSE Little Britain 11°W (2022) UTC-5(4) Elev 816' A1900 A5000	V 816
OPR	Dana Smith 705-340-2495 Reg PPR	
PF	C-2 D-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)	
SERVICES S	4 Sall Sall Lake	
A/D DATA	Open water May to Nov	
СОММ	0 1 2 3 4 5	6000'
ATF	tfc 123.2 3NM 3900 ASL	
CAUTION	Hvy recreational boat tfc dur sum.	
-		

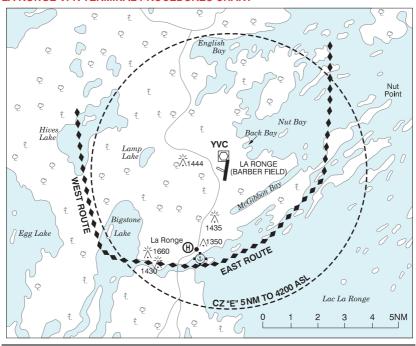
# LAKE SCUGOG / ISLAND VIEW ON

CSV6

LAIL 0000	OG / ISLAND VILW ON	C3V0
REF	N44 07 45 W78 56 31 1.5NNE Port Perry 11°W (2023) UTC-5(4) Elev 816' A1900 A5000	2 t   ELEV 816
OPR	Phil Sciuk 289-314-2900 Reg PPR	
PF	C-1,2,3,4,5,6	Lake Scugog
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock dock
A/D DATA DOCKS	Open water May to Nov. Shallow water at dock.	2400 Scugog Island
COMM	tfc 123.2 2NM 3900 ASL excluding Greenbank (CNP8) ATF area	0 1 2 3 4 5 6000

 ${\color{red}\textbf{LAKE ST JOHN ON --} See \ \underline{ORILLIA / LAKE \ ST \ JOHN \ (ORILLIA \ RAMA \ REGIONAL)}}$ 

# LA RONGE VFR TERMINAL PROCEDURES CHART



LA RONGE	SK	CJZ9
REF	N55 06 W105 17 Adj S 10°E (2015) UTC-6 Elev 1193' A5015 A5016	£ Q #/ ELEV 1193 w # 29/
OPR	Transwest Air 306-425-2382 Reg	
PF	B-1,2,3,4,5,6	1. ************************************
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	docks A TOLUS 5 M
SERVICES FUEL OIL S PVT ADV	100LL, JA All 2,3,4,5 Opr 129.45 call sign 55	Lac La Ronge ° 2900
A/D DATA	Open water mid May-Oct. Wharfs, buoys & ramps. Skiplanes in win.	0 1 2 3 4 5 6000'
COMM RADIO RCO MF	122.2 (V) (emerg only 306-425-2368) Edmonton rdo 123.55 (FISE) 126.7 (bcst) rdo 122.2 5NM centred on La Ronge land A/D 3.2NM N 4200 ASL (CAR 602.98)	
NAV VOR/DME	YVC 112.3 Ch 70 N55 09 30 W105	16 00 (1341′)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

# B120 AERODROME/FACILITY DIRECTORY

LA RONGE	LA RONGE SK (Cont'd) CJZ	
PRO	Pilots of acft transitting to or fr the water base to or fr the N must avoid the land A/D by a min of 2NM. Pilots must avoid low flying over the town. Pilots of acft tkof & ldg in Nut Bay (for maintenance reasons) must bcst their intentions adhering to established MF rdo pro. Northbound and westbound departures: Exit CZ via either W or E route. Advise FSS of intended routing before tkof. Acft inbound from N or W: Enter CZ via either W or E route. Advise FSS of intended routing.	
CAUTION	In low water covered reefs hazardous. Rocky shoal aligned NW/SE aprx 0.75NM SE of town shoreline. Land A/D 3.2NM N.	

# LASQUETI ISLAND/FALSE BAY BC

CAT7

LAUGULITIC	DEAND/ FALSE DAT DC	CAT
REF	N49 30 W124 21 Adj 17°E (2016) UTC-8(7) Elev 00' A5004	Lasqueti t ELEV 00 t
OPR	TC 604-666-5420 Reg	Q 1 CONTRACTOR Q 1
PF	B-1 C-2,5	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	False Bay dock 11 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SERVICES S	7	1 Island
COMM	tfc 123.2 2NM 1500 ASL	Q t Q t
CAUTION	Water rough in W winds.	0 1 2 3 4 5 6000'

# LA TUQUE QC CTH6

REF	N47 27 41 W72 46 52 2N 16°W (2014) UTC-5(4) Elev 475' aprx A5002	Pt V 475 APRX
OPR	Aviation La Tuque 819-523-9616 Reg PPR	P. Notkof/ldg + P. Shallow water
PF	C-1,2,3,4,5,6	area Q
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	755 (205) (205)
A/D DATA	Open water May-Oct. Depth 4' at dock, mud bottom, ramp.	
COMM RCO ATF A/G	(bil) Québec rdo 123.475(FISE) 126.7(bcst) UNICOM (at land A/D 3NM S) 13-22Z‡ Aviation La Tuque 123.85	0 1 2 3 4 5 6000° O/T tfc 122.325 5NM 3500 ASL
CAUTION	Possible log in the river. Land aerodrom	e (CYLQ) 3NM S.

#### LEAF RAPIDS MB CKA3 ĘLEV 849 REF N56 33 W99 56 5N 5°E (2014) UTC-6(5) Elev 849' A5024 7 9 **OPR** Wings over Kississing 204-473-2963 or 204-687-8247 Reg ŧφ 1 PF D-1,2,3,4,5 **FLT PLN** Pilots to open/close VFR flt plan with Churchill River Edmonton rdo, FISE or by phone. ADIUS TONA dock **FIC** Edmonton 866-WXBRIEF (Toll free 1 within Canada) or 866-541-4102 (Toll free within Canada & USA) 0 2400 A/D DATA Open water May-mid Oct. Q £ Q COMM Q 7 £ Ó **ATF** tfc 123.2 5NM 4000 ASL 6000 NAV NDB 5W 226 (M) N56 30 42 W99 59 02 Pvt Unmonitored

# LILAC LODGE ON — See ROSENEATH / LILAC LODGE

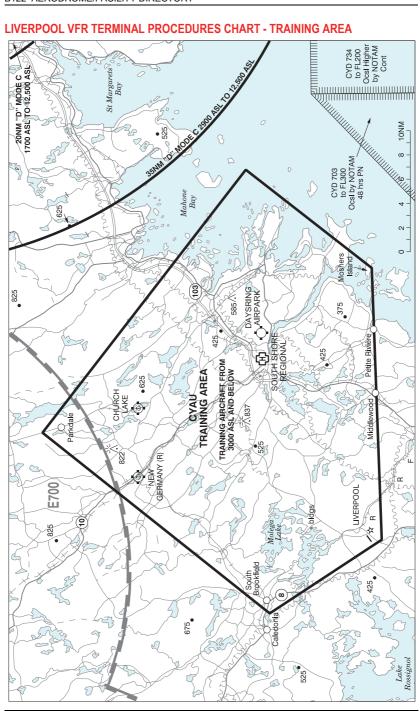
Land A/D 3NM SW.

CAUTION

# LIMBERLOST FOREST ON — See DWIGHT / LIMBERLOST FOREST

LITTLE WHIT	ΓEFISH LAKE (SEGUIN) ON	CLW5
REF	N45 16 26 W79 47 24 8.1N MacTier 11°W (2019) UTC-5(4) Elev 850' A5000	ELEV 850 Q 1 1 1 2 Q
OPR	David Pritchard McDevitt 705-774-6953 Reg PPR	Little Whitefish
PF	C-1,2,6,7 D-4,5	Lake dock
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
SERVICES FUEL OIL S	MG-1 (D) 80, W80, 100, W100 2,3	2600 t Q t Q t Q Q Q Q Q Q Q Q Q Q Q Q Q Q
A/D DATA	Open water May-Nov	
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM ce WSW 3800 ASL	ntered on Parry Sound Area Muni A/D 2NM
CAUTION	Ocsl boat tfc. Lgtd twr 0.9NM E 1234 AS 2NM WSW	L. Tfc ldg/dep fr Parry Sound Area Muni A/D

# LIVERPOOL VFR TERMINAL PROCEDURES CHART - TRAINING AREA



### LONDON FIC-RCO

For a list of London RCOs and map, see Planning Section under FISE RCOs.

### LONG LAKE BC — See NANAIMO / LONG LAKE

# LONG LAKE (WAVY) ON — See SUDBURY / LONG LAKE (WAVY)

### LUTSELK'E NT CEB9 **ELEV 514** 825 • $Christie\ Bay$ (Great Slave Lake) StarkLake£ £ • 825 Snowdrift River rapids rapids **★** 807 ARDIUS 5NA E HAZARD BEACON aprt ŧ 00 £ ± 875 2400 W HAZARD BEACON ŧ ŧ ŧ. ŧ. 2NM 1100

REF	N62 24 W110 45 16°E (2012) GV 131°E UTC-7(6) Elev 514′ A5030	
OPR	Lutselk'e Dene Council 867-370-3051 Reg	
FLT PLN		
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
CARS	867-370-3826 (at land A/D 1.5NM ENE) Ltd hrs (see COMM)	
A/D DATA	Open water mid Jun-Sep. Drift ice til July.	
COMM MF APRT RDO	aprt rdo ltd hrs O/T tfc 122.1 5NM centred on Lutselk'e land A/D 2.4NM NE 3600 ASL (CAR 602.98) 122.1 (V) 15-01Z‡ Sun-Fri, 16-20Z‡ Sat	

# LYNN LAKE (ELDON LAKE) MB

CKD3

REF  N56 49 02 W101 01 07 3NNW 6°E (2014) UTC-6(5) Elev 1100′ A5024  OPR  Transwest Air 204-356-2457 Reg  PF  B-1 D-2,3,4,5,6  FIT PLN  FIC  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 OIL S  A/D DATA  Open water Jun-mid Oct. Depth 3. Slipway & gin pole. Skiplanes in win.  COMM  RCO MF  COMM  RCO MF  WINCOM (ltd hrs) O/T tfc 122.3 5NM centred on Lynn Lake land A/D 3.5NM NW 4200 ASL (CAR 602.98)  NAV  VOR/DME  YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219′)  CAUTION  Land A/D 3.5NM NW.		(======================================	
PF B-1 D-2,3,4,5,6  FLT PLN Pilots to open/close VFR fit 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 S  A/D DATA  Open water Jun-mid Oct. Depth 3. Slipway & gin pole. Skiplanes in win.  COMM RCO MF  COMM RCO WF GROWN MF  WF WYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')	REF	6°E (2014) UTC-6(5) Elev 1100'	1 01 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FLT PLN  Pilots to open/close VFR fit plan with Edmonton rdo, FISE or by phone. Edmonton 866-WSRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)  SERVICES  FUEL OIL S  A/D DATA  Open water Jun-mid Oct. Depth 3. Slipway & gin pole. Skiplanes in win.  COMM  RCO MF  UNICOM (Itd hrs) O/T tfc 122.3 5NM centred on Lynn Lake land A/D 3.5NM NW 4200 ASL (CAR 602.98)  NAV  VOR/DME  YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')	OPR	Transwest Air 204-356-2457 Reg	£ 20/2 1 £ 2 £
FIC PION Pilots to open/close VFR fit plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)  SERVICES FUEL OIL S 100LL, JB All S	PF	B-1 D-2,3,4,5,6	£ Q G dock
SERVICES FUEL OIL S 5  A/D DATA  Open water Jun-mid Oct. Depth 3. Slipway & gin pole. Skiplanes in win.  COMM  RCO MF  Edmonton rdo 123.475 (FISE) 126.7 (bcst) UNICOM (ltd hrs) O/T tfc 122.3 5NM centred on Lynn Lake land A/D 3.5NM NW 4200 ASL (CAR 602.98)  NAV VOR/DME  YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')		Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll	Eldon Lake to DIUS SAM
Slipway & gin pole. Skiplanes in win.  COMM  RCO  MF  UNICOM (Itd hrs) O/T tfc 122.3 5NM centred on Lynn Lake land A/D 3.5NM NW 4200 ASL (CAR 602.98)  NAV  VOR/DME  YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')	FUEL OIL	All	# # \$ Q Q 1 1
RCO MF Edmonton rdo 123.475 (FISE) 126.7 (bcst) UNICOM (ltd hrs) O/T tfc 122.3 5NM centred on Lynn Lake land A/D 3.5NM NW 4200 ASL (CAR 602.98)  NAV VOR/DME YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')	A/D DATA		
VOR/DME YYL 112.6 Ch 73 N56 51 51 W101 04 31 (1219')	RCO	UNICOM (Itd hrs) O/T tfc 122.3 5NM c	
CAUTION Land A/D 3.5NM NW.		YYL 112.6 Ch 73 N56 51 51 W101	04 31 (1219')
	CAUTION	Land A/D 3.5NM NW.	

# MACTIER / SMITH BAY ON

CMT4

REF	N45 12 40 W079 47 19 4N 11°W (2019) UTC-5(4) Elev 742' A5000	2 ELEV 742 DIUS 5 1 2600 Portage
OPR	David Hatherley 705-718-7255 Reg PPR	
PF	C-1,2,6,7 D-4,5	Lake 2 2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock t t c
SERVICES S	5	
A/D DATA	Open water May-Nov	0 1 2 3 4 5 6000'
COMM		
ATF	tfc 122.8 5NM 3800 ASL	
CAUTION	Hvy boat tfc in vic of Gordon Bay & Gordon Bay Marine. Lgtd twr 1175 ASL (344 AGL) 1.1NM SSW	

### MADAWASKA LAKE (FREYMOND) ON

### CMW5

MADAMAON	A LAIL (I KLIMOND) ON	CIVIVVS
REF	N45 20 16 W078 22 03 11SW Whitney 12°W (2019) UTC-5(4) Elev 1390' A5000	ELEV 1390
OPR	Brian Freymond 705-928-1795 Reg PPR	Q £ 3000
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q dock  Madawaska  t. Lake
A/D DATA	Open water mid-Apr to mid-Nov	t t
COMM	tfc 123.2 5NM 4400 ASL	ξ
		0 1 2 3 4 5 6000'

# MADELEINE RADIO - RCO (ÎLES-DE-LA-MADELEINE FSS)

Aguanish 122.2 (RAAS) 13-23Z‡ (N50 14 W62 07) Havre St-Pierre 122.0 (RAAS) 11-03Z‡ (N50 16 W63 40) Natashquan 122.2 (RAAS) 13-23Z‡ (N50 11 W61 49)

# MANIC 5/LAC LOUISE QC

CSH8

REF	N50 39 27 W68 49 22 3.8W 19°W (2013) UTC-5(4) Elev 1300' A5010	Doris t Lac   ELEV 1300 t   Q   Lac   Nicole   A   Doris t   Lac   A   Doris t   A   Doris t
OPR	Air Tunilik 418-589-9511/579-0936 Reg	
PF	B-1 D-5	71 3
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	2 t Lac Louise  2 t 2 t 3700  2 t 2 3700  2 t 2 3 4 5 6000'
SERVICES FUEL OIL S	100LL 100 1,4,5	
A/D DATA	Open water Jun-Oct. Sandy beach.	
COMM RCO ATF	(bil) Québec rdo (Roberval) 5680 (FISE) tfc 123.2 5NM 4300 ASL	
CAUTION	P-line unmarked 40 AGL NE of lake alon fire ops.	g route. Manic-5 A/D, adj N, in svc dur forest

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B126 AERODROME/FACILITY DIRECTORY

# MANITOWANING ON CPJ9

REF	N45 44 W81 48 Adj SE 9°W UTC-5(4) Elev 581' A5000	ELEV 581
OPR	Township of Assiginack 705-859-3196 Fax 705-859-3010 Reg	old ship
PF	B-1,2,3,5 C-4 D-6	new dock
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Manitowaning Bay  Panny Island
SERVICES FUEL S	PPR MOGAS-P 1,2,4,5,6	
A/D DATA	Open water Apr-mid Nov. Skiplanes in win.	(2 1 s) (-1 2 3 4 5 6000'
COMM ATF	tfc 122.8 5NM 3600 ASL	

### MANSONS LANDING BC

CAV7

REF	N50 04 17 W124 59 01 Adj W 18°E (2012) UTC-8(7) Elev 00' A5004	ELEV 00 Q t Q t
OPR	Harbour Authority of Cortes Island 250-935-0007 Reg	Sutil Channel
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)	dock dock dock dock dock dock dock dock
SERVICES S	5 (ltd hrs),7	2300
A/D DATA	Tidal range 17'. Sandy & mud bottom, beach.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
COMM	tfc 123.2 2NM 1500 ASL	0 1 2 3 4 5 6000'
NAV NDB	CAMPBELL RIVER YBL 203 (LZ) N Campbell River FSS clsd	N50 00 23 W125 21 27 Unmonitored when

# MARTIN LAKE ON — See ORRVILLE / MARTIN LAKE

MASSET BC		CBN4
REF	N54 01 W132 09 Adj W 20°E (2012) UTC-8(7) Elev 00' A5013	ETEN 00 6 \$ 6 \$ 111 \$ #
OPR	Village of Masset 250-626-3995 Reg	# 1
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
SERVICES S	7	POIUS 5NA
A/D DATA	Tidal current 3 kt, tidal range 12', mud bottom. Channel markers at entrance. Ltd manoeuvering area near TC float.	2000 dock 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
COMM	tfc 122.7 5NM 3000 ASL See PRO section	0 1 2 3 4 5 6000°
NAV NDB VOR/DME	1U 278 (M) N54 01 54 W132 07 38 SANDSPIT YZP 114.1 Ch88 N53 1	5 08 W131 48 25 (46′)
PRO	Special VFR tfc advsy procedures apply With Discrete Air-To-Air Frequencies.	outside MF zone, see Section C – Areas
CAUTION	Land A/D 1.5NM NE.	

## MATCHEDASH LAKE ON — See ORILLIA / MATCHEDASH LAKE

MATTAWA (	ON	СРТ7
REF	N46 18 41 W78 43 22 Adj E 12°W UTC-5(4) Elev 500' A5000 A5001	ELEV 500 Q t
OPR	G. Thomas 705-498-5254 Reg PN	
PF	B-1 C-1,2,3,4,5	2700
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	docks down Lake
SERVICES OIL S	Ltd hrs 15W50 7	Q £3 Q £ £ Q Q Q (1)
A/D DATA	Water orientation 27-09, slight bend to river. Aprx 4000' open channel.	Q t Q t Minimum Q t Q
COMM	tfc 123.2 5NM 3500 ASL	0 1 2 3 4 5 6000'
CAUTION	Hydro wires aprx 50 AGL W end of river, at beach E end. Wind shear with N winc	cones. 5' shoals under wires at narrows and ls.

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B128 AERODROME/FACILITY DIRECTORY

## McGAVOCK LAKE MB

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moortroon		Onto
REF	N56 34 W101 30 7°E (2012) UTC-6(5) Elev 1100' A5024	PADIUS 5 No. 12 ELEV 1100 Q & Consideration of the
OPR	Laurie River Lodge 204-480-8542 Reg	2800 \(\bar{\tau}\) \
PF	B-1,2,5 PN Opr	t Q Q
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	Opr May 24-Sep 15 100LL (Drums ltd quantity) 100 5	Q Q Mc Gavock Lake  1 Q 1 Q  Y 1 1 Q
A/D DATA	Open water mid May-mid Oct. Depth 5', sand bottom.	0 2 4 6 8 10 12000'
СОММ		
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 41	00 ASL
CAUTION	70 AGL rdo twr vic of bldgs. Reefs E of	dock marked with buoys.

## McKELLAR (MANITOUWABING) ON

#### CMK2

	•	
REF	N45 30 10 W79 54 45 Adj SE 11°W (2013) UTC-5(4) Elev 800' A5000	ELEV 800 t
OPR	Ran Moore 705-571-7151 Reg PPR	2
PF	B-1 D-2,3,4,5,6	t dock []
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Manitouwabing Lake t
A/D DATA	Open water May 1-Oct 15 Skiplanes in win	2500
COMM	tfc 122.8 3.5NM 3800 ASL	0 1 2 3 4 5 6000
CAUTION	Hydro lines NW end of lake - marked with balls. 300' tower 0.5NM E of lake. Hydro lines in field 0.25NM SSE AD, ma	arked with balls.

MICHEL CARDINAL AVIATION & M5 AVIATION QC — See RIVIÈRE BLANCHE / MICHEL CARDINAL AVIATION & M5 AVIATION

MILE 462 BC — See MUNCHO LAKE / MILE 462

MILFORD BAY ON — See LAKE MUSKOKA / MILFORD BAY

MIMINISKA	ON	CMA4
REF	N51 36 05 W88 34 51 5°W (2007) UTC-5(4) Elev 1000' aprx A5008	ELEV 1000 APRX
OPR	Wilderness North Air 807-983-2047 Reg	2500
PF	C-1,2,5 PN May 15-Oct 30	<u> </u>
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)	Curry Bay aprt dock
COMM	tfc 122.8 5NM 4000 ASL	Lake Miminiska
		0 1 2 3 4 5 6000'

### MINAKI/PISTOL LAKE ON

CKP3

REF	N49 58 37 W94 42 59 2W 1°E (2014) UTC-6(5) Elev 1037' A5007	ELEV 1037  Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
OPR	River Air Ltd 807-224-6531 Reg	
PF	B-1 C-2,5	2700 ) i
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 OIL S	100LL, JA All 5	1 dock 1
A/D DATA	Open water May-Oct. Depth 7'.	0 1 2 3 4 5 6000'
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 41	00 ASL
CAUTION		Twr 1352 ASL (230 AGL) 0.9NM SSW. Twr le crossing 1048 ASL (57AGL) 0.1NM SW.

MINE LANDING ON — See TEMAGAMI / MINE LANDING

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#### MINK LAKE NS CML<sub>3</sub> ELEV 70 ADIUS 514 **REF** N44 00 39 W65 53 20 2E 18°W UTC-4(3) Elev 70' A5003 **OPR** Allister d'Entremont 902-762-3089 1600 Fax 902-762-0330 Reg PF C-1,2,5 **FLT PLN** dock FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free tak within Canada & USA) Jane L A/D DATA Open water late April-Nov. COMM Little tfc 123.2 5NM 3100 ASL **ATF** Lake 6000

MISTISSINI	QC	CSE6
REF	N50 25 W73 52 Adj S 17°W (2014) UTC-5(4) Elev 1229' A5009 A5010	2 2 £ ELEV 1229 Q £
OPR	Waasheshkun Airways Ltd 418-923-3236/2250 Reg PN	dock 1750 summer ops PIUS 54
PF	A-1 B-2,3,4,5	£ & ((1111111111111111111111111111111111
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	docks winter ops
SERVICES FUEL OIL S	JA Ltd quantity PN TURBO 2380 1,4 (ltd),5	Lac Mistassini
A/D DATA	Open water May-mid Oct. Depth 6', sand & rock bottom. Ramp.	
СОММ		
ATF	UNICOM ltd hrs 122.8 5NM 4300 ASL	
CAUTION	Microwave twr NE of dock.	

CSB6

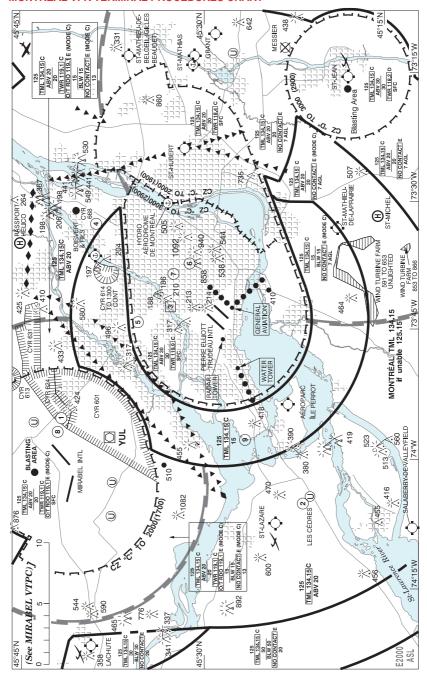
# MONTEBELLO QC

REF	N45 38 02 W74 58 39 2W 14°W (2014) UTC-5(4) Elev 130' aprx A1905 A5002	RELEV 130 APRX  ROUS S MAR Q 1
OPR	3801179 Canada Inc 819-423-1314 PPR Reg	2400 cond
PF	C-1,2,3,4,5	Baie des Arcand
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	t dock
A/D DATA	Open water May 15-Oct 31	The state of the s
COMM	tfc 123.2 5NM 3200 ASL	0 1 2 3 4 5 6000'

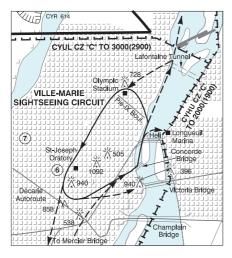
## MONT-JOLI FSS - RCO

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)

## 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 (SACRE-COEU 4 MONTRÉAL FAST (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 FLIGHTS IN MONTRÉAL CLASS C AND TERMINAL CLASS D 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 Class C and terminal Class D airspace. All acft not respecting mandatory transponder code procedure will not be accepted in the Montréal Class C and terminal Class D airspace.

#### To obtain a transponder code:

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 and terminal Class D airspace.

#### 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 Class C and terminal Class D airspace.

#### **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/BOISVERT & FILS QC

CSA4

MONTKEAL	DOISVERT & FILS QC	C3A4
REF	N45 38 44 W73 35 49 Adj 15°W (2014) UTC-5(4) Elev 40' aprx VTA A5002	ELEV 40 APRX
OPR	Boisvert & Fils Avn 514-648-1856 Cert PPR	230 Rivier (230 Rivier)
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)	1800
SERVICES FUEL OIL S	100LL All 1,2,3,4,5	0 1 2 3 4 5 6000
A/D DATA	Open water May-mid Nov.	
COMM RCO TWR ATF TML	(bil) Québec 123.55 (FISE) 126.7 (bcst) Montréal 119.9 267.1 (E) tfc 123.2 5NM outside Montreal CZ, ar Montreal 134.15 - see VTPC or VTA	nd Montreal TCA.
PRO	Arr/dep acft to maintain a min of 1000' of after 0800 hr lcl.	over shore. Touch & go not authorized. Tkof
CAUTION	Bridge for Hwy 25 and parallel P-line 1N 230 ASL, see sketch.	M SW of base, running across the river, max

## MONT-TREMBLANT (LAC MASKINONGÉ) QC

CMT2

REF	N46 05 14 W74 36 30 2SSW St-Jovite 14°W (2014) UTC-5(4) Elev 790' VTA A5002	2 ELEV 790
OPR	Association Aviateurs Région Mont-Tremblant 819-429-1295 Reg PPR	Lac Maskinongé
PF	C-1,2,3,4,5,6	dock
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	t and US 5 1 at 2 at
SERVICES S	1,5,7	0 1 2 3 4 5 6000'
A/D DATA	Open water mid May-mid Oct. Dock space limited.	
COMM ATF	tfc 123.2 5NM 3700 ASL	
PRO	Tkof after 0800 hr lcl.	
CAUTION	Several heliports/aerodromes within 5N freq. See Mont-Tremblant VTPC.	M of Mont-Tremblant/St-Jovite A/D. Common

## MOOSE LAKE (LODGE) BC

CBE8

	(20002) Bo	0520
REF	N53 04 33 W125 24 02 19°E (2012) UTC-8(7) Elev 3500' aprx A5013	POLUS STANT ELEV 3500 APRX
OPR	Moose Lake Lodge 250-742-3535 Reg PPR	6000 £ 1 14 14 14 14 14 14 14 14 14 14 14 14 1
PF	B-1,2,5 at adj land A/D	Q \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	april dock w
SERVICES S	5	
A/D DATA	Open water mid May-Oct 25.	5 5
COMM ATF	tfc 122.8 5NM 6500 ASL	0 1 2 3 4 5 6000'

## MORTIMER'S POINT ON — See LAKE MUSKOKA / MORTIMER'S POINT

## MUNCHO LAKE/MILE 462 BC

CBF8

REF	N59 00 36 W125 46 26 Adj 21°E (2012) UTC-8(7) Elev 2681' A5022	Q ELEV 2681
OPR	Northern Rockies Lodge Ltd 250-776-3481 Reg PPR	Lake Q 1 1 2 2
PF	B-1,2,5	1 6
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t docks t t amp t t
SERVICES S	5	8700 £ ©
A/D DATA	Open water aprx May 25-Oct 10. Depth 2'-5', gravel/rock bottom. Area may be used for ski ops dur win months.	0 1 2 3 4 5 6000'
COMM ATF	tfc 123.2 5NM 5700 ASL	

#### MUSKOKA FLOAT FLYING CLUB ON — See BALA / MUSKOKA FLOAT FLYING CLUB

#### MUSKOKA BAY ON — See GRAVENHURST / MUSKOKA BAY

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## MUSQUODOBOIT HARBOUR / PACES LAKE NS

CPL5

	DOTT TO ALL THE TOTAL THE THE	01 20
REF	N44 49 13 W63 12 50 3.5NW 17°W (2023) UTC-4(3) Elev 57' A5003	ARDIUS 5 M t Q ELEV 57 t
OPR	Les Boutilier 905-599-3358 Reg PN	1800
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t dock t
A/D DATA DOCKS	Open water mid Apr-Dec. Depth 15'. 16' dock, NE shore, May-Nov.	tkof/ldg +
COMM	tfc 123.2 5NM 3100 ASL	Paces Lake Q 1
CAUTION	Rocks extending well into the water from several islands, difficult to see in early Spring. Cliffs along the E coastline, boulders opposite the cliffs. R	0 1 2 3 4 5 6000'

#### MUSQUODOBOIT HARBOUR / SCOTS LAKE NS

CSL2

REF	N44 47 23 W63 10 46 1.4WNW 17°W (2023) UTC-4(3) Elev 46' A5003	ELEV 46 £ POIUS 5 NAMES
OPR	Don Whitton 519-716-1547 Reg PN	1800
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Scots Lake C Scots Lake ARR/DEP
A/D DATA  DOCKS	Open water mid Apr-Dec. Depth 15'. Boulders near W and S shores. 10' dock, S shore, May-Nov.	Q £ £
COMM	tfc 123.2 5NM 3100 ASL	Q £ Q Q £
PRO	Use arr/dep routes to avoid noise (see sketch).	0 1 2 3 4 5 6000'
CAUTION	Rapidly rising terrain NE and NW of lake 709 ASL (472 AGL) 2.3NM SW of A/D.	e. Exposed rock on W side of lake. Lgtd twr

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NÁĮLĮCHO N	Т	CFV
REF	N61 36 27 W125 45 24 22°E (2012) UTC-7(6) Elev 2200´ A5029	φ <sub>1</sub> φ <sub>1</sub> ο ο ο ELEV 2200
OPR	Nahanni National Park Reserve 867-695-6558, 867-695-6572 (24 hr emerg 15 Jun-15 Sep) Reg PPR (Permit rqrd)	
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Q A Virginia Falls Q A Virginia
A/D DATA	Loc South Nahanni River aprx 1300' upstream fr falls. Open water early May-mid Oct. Current 5 kt, depth 15'. Three floating docks 15 Jun-15 Sep.	
COMM	UNICOM 122.8 5NM 5200 ASL	0 1 2 3 4 5 6000'
CAUTION	Strong current, falls 1300' downstream. Driftwood. Canoes & rafts in vic. Precip	

NAKINA ON		CNE7
REF	N50 13 W86 42 2N 6°W UTC-5(4) Elev 975′ A5008	Q D US 5 1 Q £ ELEV 975
OPR	Leuenburger Air Svcs Ltd 807-329-5940 Reg; Nakina Outpost Camps & Air Svc Ltd 807-329-5752 Reg	2900 Cordingley Q t Q Lake
PF	B-1 C-2,4,5 D-3	Leuenburger & £ Q
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	1 Outpost
SERVICES FUEL S	JA (Leuenburger) 5	1 2 3 4 5 6000°
A/D DATA	Open water May-Oct.	
COMM ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 4100 ASL	
PRO	Land A/D 2NM S.	
CAUTION	P-lines SW-NE south shore.	

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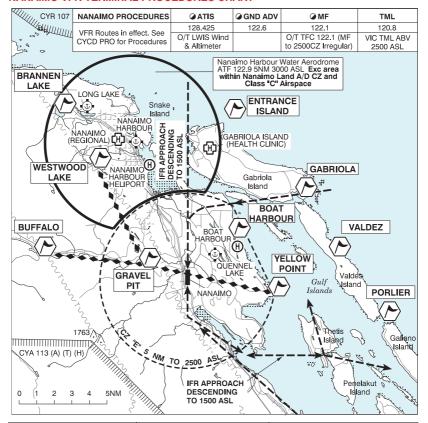
B138 AERODROME/FACILITY DIRECTORY

## NAMUSHKA LODGE NT

CEP9

REF	N62 25 W113 21 18°E (2012) UTC-7(6) Elev 670′ A5030	ELEV 670
OPR	Namushka Lodge 867-920-2495 Reg PPR	RADIUS 5 NA
PF	B-2,5 PN	2200
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	dock
SERVICES S	5	Harding Lake +
A/D DATA	NE end of Harding Lake. Open water mid Jun-Oct. Dock suitable for Twin Otter acft.	0 1 2 3 4 5 6000'
COMM ATF	tfc 123.2 5NM 1700ASL.	

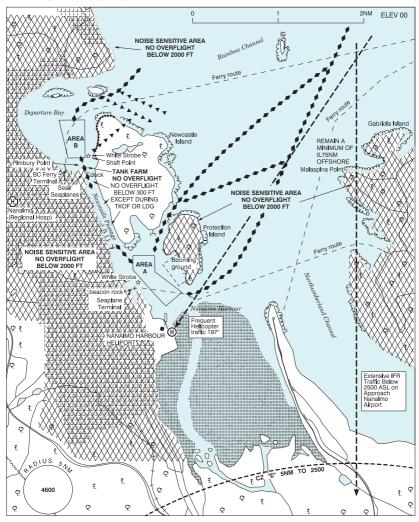
#### NANAIMO VFR TERMINAL PROCEDURES CHART



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 HARBOUR BC

CAC8



REF	N49 11 W123 57 Adj 17°E (2014) UTC-8(7) Elev 00′ VTA A5004	
OPR	Nanaimo Port Authority 250-753-4146 Seair Seaplanes 866-692-6440 or 250-753-1115 Reg docking fee applicable if not purchasing fuel	
PF	A-1,2 C-3,4,5,6	
CUST	AOE/15/SEAPL 888-226-7277 1630-0030Z‡	
FLT PLN FIC WX	Canada & USA)	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

**CAUTION** 

Nanaimo Port Authority.  No acft should overfly the noise sensitive areas of the City of Nanaimo, Gabrio Island or Protection Island at an alt below 2000°.  No acft should overfly Newcastle Island Passage below 300° except in transitic for tkof and Idg.  No acft should overfly the Pimbury Point tank farm.  No acft should ktof or land or step taxi within Newcastle Island Passage or with 500° of any shoreline, wharf or fixed object. Taxi speed 1std to 5 kts in Newcastle Island Passage. No flying training or circuits should be conducted within Nanaimo Harbour of Departure Bay. Acft rdo activated white strobe Igts oprg on 122.9 to alert mariners and pilots arr/dep seaplanes. Located on central breakwater SW of Area "A" in Nanaim Harbour and between Shaft Point and Pimbury Point for Area "B". Refer to Are A/B Ops below. Report strobe u/s to opr.  AREA "A" OPS Area "A" description - As depicted. N bdry marked by 3 Igtd white buoys. W bd marked by 2 Igtd white buoys parallel to central breakwater.  Follow proscribed routes during arr/dep. Consistent with wind, wx, sfc tfc and water conditions, make tkofs/ldgs with Area "A". Remain clear of ferries. Activate strobe aprx 60 secs prior to tkof or Idg. Key mike 3 times in 5 secs of 122.9. Strobe opr for 90 secs.  AREA "B" OPS Area "B" description - As depicted. Begins 300° NW of a line btwn Pimbury and Sha Points.  Follow proscribed routes during arr/dep. Consistent with wind, wx, sfc tfc and water conditions (ferry swells and turbulence etc.) make tkofs/ldgs within Area "B", favouring the E side of the area. Rema clear of ferries. Activate strobe aprx 60 secs prior to tkof or Idg. Key mike 5 times in 5 secs of 122.9. Strobe opr for 90 secs.  Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.  ATS REQUIREMENTS: All VFR acft entering the Vancouver Tower Class C airspace require a transpondd code. Call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101 for cod	-		ARBOUR BC (Cont'd) CAC8
RCO ATF ATF RCO Pacific rdo (Nanaimo) 126.0 (FISE) (may not be receivable on the ground) Pacific rdo (Victoria) 122.375 (FISE) tfc 122.9 5NM 3000 ASL exc area within Nanaimo land A/D CZ and class "C" alrispace  NAV NDB PCO SENERAL: 1. Acft ops within Nanaimo Harbour & Departure Bay rstd to 15-06Z‡ O/T PPR Nanaimo Port Authority. 2. No acft should overfly the noise sensitive areas of the City of Nanaimo, Gabrio Island or Protection Island at an alt below 2000'. 3. No acft should overfly Newcastle Island Passage below 300' except in transitic for lkof and ldg. 4. No acft should voerfly the Pimbury Point tank farm. 5. No acft should voerfly the Pimbury Point tank farm. 5. No acft should voerfly the Pimbury Point tank farm. 6. No acft should soverfly the Pimbury Point tank farm. 7. No flying training or circuits should be conducted within Nanaimo Harbour Departure Bay. 8. Acft rdo activated white strobe Igts oprg on 122.9 to alert mariners and pilots arr/dep seaplanes. Located on central breakwater SW of Area "A" in Nanaim Harbour and between Shaft Point and Pimbury Point for Area "B". Refer to Are A/B Ops below. Report strobe u/s to opr.  AREA "A" OPS Area "A" description - As depicted. N bdry marked by 3 Igtd white buoys. W bd marked by 2 Igtd white buoys parallel to central breakwater.  1. Follow proscribed routes during arr/dep. 2. Consistent with wind, wx, sfc tfc and water conditions, make tkofs/ldgs with Area "A". Remain clear of ferries. 3. Activate strobe aprx 60 secs prior to tkof or ldg. Key mike 3 times in 5 secs of 122.9. Strobe opr for 90 secs.  AREA "B" OPS Area "B" description - As depicted. Begins 300' NW of a line btwn Pimbury and She Points.  1. Follow proscribed routes during arr/dep. 2. Consistent with wind, wx, sfc tfc and water conditions (ferry swells and turbulenc etc.) make tkofs/ldgs within Area "B", favouring the E side of the area. Rema clear of ferries. 3. Activate strobe aprx 60 secs prior to tkof or ldg. Key mike 5 times in 5 secs of 122.9. Strobe opr for 90 secs.  Refer to Nanaimo V		FUEL S	4,6 Ltd hrs
RCO ATF		I ADV	Seair Seaplanes 129.30 1500-02302‡
PRO  GENERAL:  1. Acft ops within Nanaimo Harbour & Departure Bay rstd to 15-06Z‡ O/T PPR Nanaimo Port Authority.  2. No acft should overfly the noise sensitive areas of the City of Nanaimo, Gabrio Island or Protection Island at an alt below 2000.'  3. No acft should overfly Newcastle Island Passage below 300' except in transitic for tkof and Idg.  4. No acft should overfly the Pimbury Point tank farm.  5. No acft should tkof or land or step taxi within Newcastle Island Passage or with 500' of any shoreline, wharf or fixed object.  6. Taxi speed rstd to 5 kts in Newcastle Island Passage.  7. No flying training or circuits should be conducted within Nanaimo Harbour on Departure Bay.  8. Acft rdo activated white strobe Igts oprg on 122.9 to alert mariners and pilots arr/dep seaplanes. Located on central breakwater SW of Area "A" in Nanaim Harbour and between Shaft Point and Pimbury Point for Area "B". Refer to Are A/B Ops below. Report strobe u/s to opr.  AREA "A" OPS  Area "A" description - As depicted. N bdry marked by 3 Igtd white buoys. W bd marked by 2 Igtd white buoys parallel to central breakwater.  1. Follow proscribed routes during arr/dep.  2. Consistent with wind, wx, sfc tfc and water conditions, make tkofs/ldgs with Area "A". Remain clear of ferries.  3. Activate strobe aprx 60 secs prior to tkof or Idg. Key mike 3 times in 5 secs of 122.9. Strobe opr for 90 secs.  AREA "B" OPS  Area "B" description - As depicted. Begins 300' NW of a line btwn Pimbury and Sha Points.  1. Follow proscribed routes during arr/dep.  2. Consistent with wind, wx, sfc tfc and water conditions (ferry swells and turbulence etc.) make tkofs/ldgs within Area "B", favouring the E side of the area. Rema clear of ferries.  3. Activate strobe aprx 60 secs prior to tkof or Idg. Key mike 5 times in 5 secs of 122.9. Strobe opr for 90 secs.  Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.  ATS REQUIREMENTS:  All VFR acft entering the Vancouver Tower Class C airspace require a transpondd code. Call	COMM		Pacific rdo (Victoria) 122.375 (FISE) tfc 122.9 5NM 3000 ASL exc area within Nanaimo land A/D CZ and class "C"
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All VFR acft entering the Vancouver Tower Class C airspace require a transpond code. Call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101 for code.			
assignment at least 30 min prior to flt.			ATS REQUIREMENTS: All VFR acft entering the Vancouver Tower Class C airspace require a transponder code. Call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101 for code assignment at least 30 min prior to flt.

AREAS "A" AND "B": Hvy sfc tfc. Ferries create large swells and turbulence.

#### NANAIMO / LONG LAKE BC

CAT3

	TORIO EFIRE DO	••
REF	N49 13 W124 01 Adj 17°E (2014) UTC-8(7) Elev 390' VTA A5004	و 'بالالالالالالالالالالالالالالالالالالال
OPR	M. & L. Morrison 250-758-1453/ 250-755-9555 Reg PPR	NOISE SENSITIVE AREA NO
PF	C-1,2,3,4,5,6	OVERFLIGHT
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Long Lake dook
SERVICES S	5	4600 Diver
A/D DATA	Depth 15'+	t
COMM ATF	tfc 122.9 5NM 3000 ASL	0 1 2 3 4 5 6000'
PRO	Arr/dep to the E via Departure Bay. When operationally feasible, tkof to the W-straight ahead to Brannen Lake before proceeding on crs. Avoid circuits over S, N & E boundaries of lake. Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.	
CAUTION	Small boat tfc. Shoal W end of lake.	

## NANAIMO / QUENNELL LAKE BC

CBQ9

	COLINICAL DO	0540
REF	N49 04 39 W123 49 50 10SE 17°E (2014) UTC-8(7) Elev 122' VTA A5004	ELEV 122
OPR	Zuiderzee Campsites 250-722-2334 Reg PPR	park park
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	POIUS SAME
SERVICES FUEL S PVT ADV	100LL daylight hrs PN 1,2,3,5,6 Pacific Seaplanes 1-855-933-5922	
A/D DATA MOORING	Year round open water, lake ocsl freeze over mid win, call opr to confirm cond. Sheltered alighting area. Depth at dock 15', mud/sand bottom. Wharf & ramp PPR.	0 1 2 3 4 5 6000'
СОММ		
MF/ATF	Nanaimo rdo 1330-0530Z‡ O/T tfc 122.1 CZ shape irregular 5NM 2500 ASL (CAI	centred on Nanaimo land A/D 2.1NM SSW, R 602.98)
PRO	Take-off/Landing: All tkofs and ldgs in the W arm of the lake.  Arrival/Departure: No arr or dep before 0700 lcl time.  Circuits: All circuits remain W of alighting area.  Training: Touch & go flight training is discouraged.  Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.	

## NATASHQUAN (LAC DE L'AVION) QC

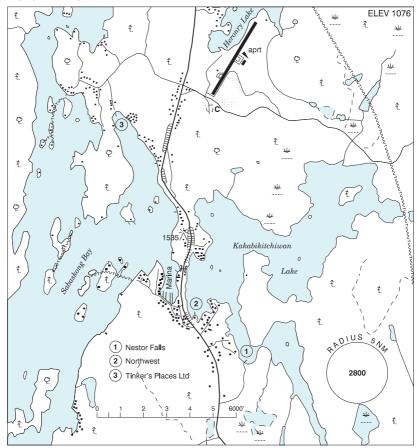
CSY8

ITAIAOIIQU	AN (LAC DE L'AVION) QC	CSY8
REF	N50 11 21 W61 45 14 2.5SE 20°W (2014) UTC-5(4) Elev 35' A5011	STUS SWARD TO SELEV 35
OPR	Air Tunilik 418-579-0937 or 418-409-5027 Fax418-726-3807 Reg PPR	1600 1600 1600 1600 1600 1600 1600 1600
PF	C-1 (at land A/D), 2,3,4,5	Taueunan Tueunan W
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	April 22 Company of the Company of t
SERVICES FUEL S	100LL 5	5 4 6 8 10 15000.
A/D DATA	Open water Jun-Oct. Depth 2.5' at dock, sand bottom. Depth 3'-4' in the narrow of the lake.	
COMM RCO MF	(bil) Madeleine rdo 122.2 (RAAS) 13-23Z‡ Québec rdo 123.85 (FISE) 126.7 (bcst) Madeleine rdo 13-23Z‡ O/T tfc 122.2 15NM 3000 ASL around Natasquan land A/D 1.5NM W (CAR 602.98) See PRO section	
NAV VOR/DME	NATASH YNA 113.6 Ch 83 N50 1	I 01 W61 46 52
PRO	ATF corridor outside MF, see Section C Frequencies.	- Areas With Discrete Air-To-Air

NELSON BC		CAD8
REF	N49 30 W117 18 Adj 16°E (2012) UTC-8(7) Elev 1740' A5005	POIUS 51/1 & Quadrillian ELEV 1740
OPR	City 250-352-8228 Reg	8500
PF	C-1,2,3,4,5,6	The state of the s
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	to the state of th
SERVICES FUEL S	100LL Avbl from adj land A/D in cans	dock Airport
COMM RCO ATF	Pacific rdo 126.7 (FISE) tfc 123.2 2NM 3300 ASL	0 1 2 3 4 5 6000
CAUTION	Narrow mountainous valley. Adj land A/	D.

## NESTOR FALLS ON

СКТ3

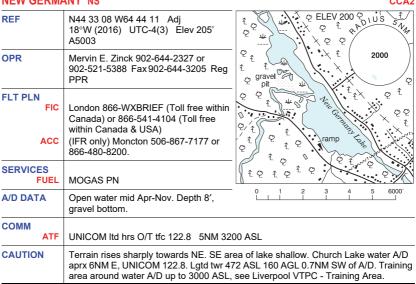


REF	N49 07 W93 55 Adj S 2°E UTC-6(5) Elev 1076' A5007		
OPR	Nestor Falls Fly-In Outposts - Daws Bay 807-484-2345; Northwest Flying Inc 807-484-2126 Reg		
PF	B-1 C-2,3,5		
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)		
SERVICES FUEL OIL S PVT ADV	100LL, JA 20W50, 25W60 2,5 Nestor Falls Fly-In Outposts 125.1		
A/D DATA	Open water mid May-Oct.		
СОММ			

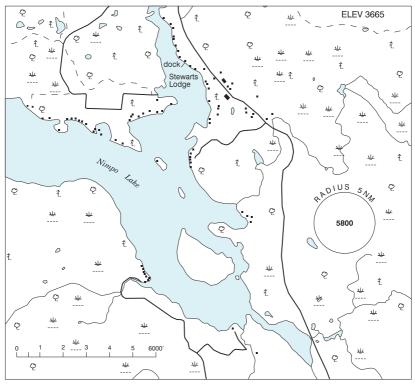
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### AERODROME/FACILITY DIRECTORY B145

NESTOR FA	LLS ON (Cont'd) CKT3	
NAV VOR/DME	SIOUX NARROWS VBI 115.2 Ch 99 N49 28 38 W94 02 50 (1293')	
CAUTION	Twr 1535 ASL (385 AGL) within 0.3NM. Numerous P-lines near ldg area.	
NESTOR FA	LLS/SABASKONG BAY ON CKW3	
REF	N49 08 W93 56 2°E UTC-6(5) Elev 1060' A5007	
OPR	Tinker's Places Ltd 807-484-2664 Reg	
PF	B-1,2,5 PN Opr	
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 OIL S	100LL 100 5	
A/D DATA	Open water May-Oct.	
COMM ATF	tfc 122.8 5NM 4200 ASL	
NAV VOR/DME	SIOUX NARROWS VBI 115.2 Ch 99 N49 28 38 W94 02 50 (1293')	
CAUTION	Twr 1535 ASL (385 AGL) 0.9NM SSE. Numerous P-lines near ldg area.	
NEW GERMA		
DEE	1 144 00 00 W04 44 44 A II	



## NIMPO LAKE BC CAF8



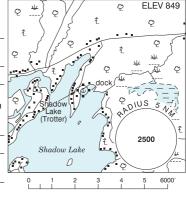
REF	N52 20 W125 09 18°E (2016) UTC-8(7) Elev 3665′ A5004 A5013 A5014		
OPR	Stewart's Lodge/Tweedsmuir Air Service 250-742-3388 Reg		
PF	B-1,2,3,5,6 D-4		
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)		
SERVICES FUEL	May-Oct 100LL		
A/D DATA	Open water May-Nov. Beach. Skiplanes in win.		
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 6700 ASL		
CAUTION	Lgtd twr 3890 ASL 2NM N.		

#### **NOBEL / SAWDUST BAY ON** CNT<sub>2</sub> ŧ. ELEV 580 £ REF N45 24 07 W80 07 33 2.1SW ŧ. 11°W (2012) UTC-5(4) Elev 580' Q A5000 OPR Jacob Stapleton 705-330-1539 Reg ŧ. PF B-1,3,5 C-2,4,6 **FLT PLN** ŧ. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free Q Morrison within Canada & USA) Point **SERVICES** Q 2500 s 5.6 Huckleberry Q A/D DATA Open water May-Oct, 32' dock, ramp & දා Island beach 6000 COMM tfc 122.8 5NM 2500 ASL **CAUTION** Ocsl hvy boat tfc causing swells & wakes.

## NORLAND / SHADOW LAKE (PENNY) ON

u	N	۲	ì

N44 44 14 W78 47 18 1.2ENE 11°W (2022) UTC-5(4) Elev 849' A5000	
Stephen Penny 416-580-5335 Reg PPR	
C-2,3,4 D-5,6	
London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
Open water May 1-Nov 1	
tfc 123.2 5NM 3900 ASL	
Marked P-lines E of dock. Hvy recreational boat tfc dur sum.	



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

(CAR 602.98)

NDB VQ 326 (M) N65 15 11 W126 40 11 VOR/DME YVQ 112.7 Ch 74 N65 15 51 W126 43 31

NAV

B148 AERODROME/FACILITY DIRECTORY

NORLAND /	SHADOW LAKE (TROTTER) ON	CTR5
REF	N44 44 13 W78 47 27 1.1ENE 11°W (2020) UTC-5(4) Elev 849' A5000	2 2 2 ELEV 849
OPR	Rick Trotter 705-897-5334 Reg PPR	1 (£/{o /2 £ o '
PF	C-2,3,4 D-5,6	Shadow Lake (Penny)
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock of the state
A/D DATA	Open water May 1-Nov 1	Shadow Lake 2500
COMM ATF	tfc 123.2 5NM 3900 ASL	
CAUTION	Hvy recreational boat tfc dur sum.	0 1 2 3 4 5 6000'
NORMAN W	ELLS NT	CEU8
REF	N65 15 29 W126 41 29 3.5SE 21°E (2017) UTC-7(6) Elev 200' aprx A5034 A5035	ELEV 200 APRX Q t DIUS SNA t Q Q t Q Q T T T T T T T T T T T T T T
OPR	Northwright Air Ltd 867-587-2288 Reg	£ 4500
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)	Cor Lake Q t
SERVICES FUEL OIL S	Fuel & oil call out charge. Ctc Opr 100LL, JA All 5 (ltd)	Madentic River & & & & & & & & & & & & & & & & & & &
A/D DATA	Open water Jun-Sep. Depth 4'. Area at west end of D.O.T. Lake used for ski ops dur win months. Ctc opr.	0 1 2 3 4 5 6000
COMM RADIO RCO MF	122.2 (FISE) 282.3 (E) at land A/D Edmonton rdo 123.275 (FISE) 126.7 (t radio 122.2 5NM centred on Norman	

## **NORTH BAY ON** CNH7 • 1025 **ELEV 663** Q Q Q Q £ Q 6000' ŧ. Q docks Delaney Bay AADIUS 2700 $Trout\ Lake$ Q Ó 0 Dugas Bay . 650 AGL X ŧ. Ó Q £ Q

REF	N46 19 52 W79 24 05 Adj NE 12°W UTC-5(4) Elev 663´ A5000 A5001 LO4 LO6 LO7	
OPR	Arnstein Equipment Rentals 705-472-8500 or 705-498-1447 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 Fuel key lock svc avbl 1 hr PN 705-498-1447/0311 or 705-497-3639/477-8372 O/R 2,3 705-492-4380 or 905-518-8075, 4,5	
A/D DATA	Open water May-Nov. Docks & slipway.	
COMM RCO ATIS RADIO MF	London rdo rdo 123.55 (FISE) 126.7 (bcst) 124.9 228.2 1130-0330Z‡ at land A/D 118.3 236.6 257.2 (E) 1130-0330Z‡ at land A/D rdo 118.3 1130-0330Z‡ O/T tfc 7NM 5000 ASL around North Bay land A/D 3NM N (CAR 602.98)	
NAV DME	YYB 115.4 Ch 101 N46 21 50 W79 26 11 (1220')	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

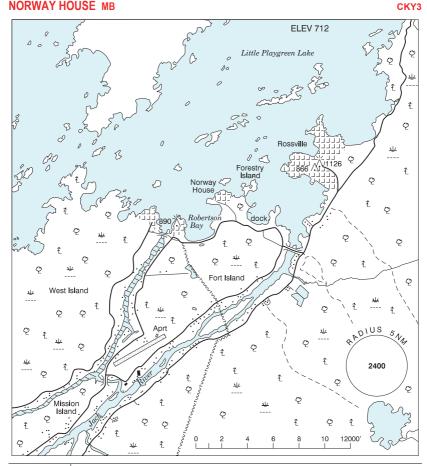
#### B150 AERODROME/FACILITY DIRECTORY

NORTH BAY	CNH7 (Cont'd)
PRO	Left & right hand circuits to remain at all times S of Hwy 63 (CAR 602.96). Avoid noise sensitive areas (See A/D sketch)
CAUTION	On tkof watch for acft in land A/D tfc pattern. Pilots should avoid overflight of Natural Gas pumping stn loc 5NM NW. Class "E" CZ to 5000 ASL (3800 AGL) 7NM radius at land A/D. See VFR charts for Class "E" exclusion areas. Disposal area of waste explosives at N46 16 30 W79 25 00 (3NM S of A/D) should be avoided at alt less than 3700 ASL.

#### NORTH OF SIXTY NT — See OBRE LAKE / NORTH OF SIXTY

## NORTH PORT ON — See SEAGRAVE / NORTH PORT

#### **NORWAY HOUSE MB**



**REF** 

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### AERODROME/FACILITY DIRECTORY B151

NORWAY HO	NORWAY HOUSE MB (Cont'd) CKY3		
OPR	Molson Air Ltd 204-359-4662 Fax 204-359-4131 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 25W60 5		
A/D DATA	Open water Jun-Oct.		
COMM RCO MF UNICOM	Kenora rdo 122.1 (RAAS) 13-02Z‡ Edmonton 123.375 (FISE) 126.7 (bcst) Kenora rdo 13-02Z‡ O/T tfc 122.1 5NM centred on Norway House land A/D 2.4NM SW 3700 ASL (CAR 602.98) Itd hrs 122.8		
NAV DME	NE 115.1 Ch 98 N53 58 19 W97 50 30 (791')		
PRO	The Nelson River btwn Playgreen Lake & Little Playgreen Lake is not authorized for ldg, tkof or taxiing at speeds greater than rqrd to maintain steerage. Class E CZ 5NM centred on Norway House land A/D, see VNC A5016.		
CAUTION	Hidden rocks E of Forestry Island. Reefs & islands W of Forestry Island visible from air. Numerous swimmers & small water craft. Land A/D 2.4NM SW. Numerous twr in vic.		

## OAK BAY ON — See PORT SEVERN / OAK BAY

OBRE LAKE	/ NORTH OF SIXTY NT	CKP8
REF	N60 19 13 W103 07 36 Adj NE 8°E (2013) UTC-6(5) Elev 1150' aprx A5024 A5031	t ELEV 1150 APRX  Obre Lake
OPR	North of Sixty Fishing Camps 612-819-3820 SATCOM 600-701-2298 Reg	Q t Q dock
PF	B-1,2,5 boats, guides PN Oprg Jun 15 -Sep 15	TUS E
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	2 8 2700 2700
SERVICES FUEL OIL	100LL at dock, JA-1, PN at land A/D 100	0 1 2 3 4 5 6000'
A/D DATA  DOCKS/ MOORINGS	Open water mid Jun-Oct. Depth 10' plus, sand-rock bottom. Reef 1/2 mile to 3 miles fr camp along north shore, visible from air. Base camp in protective cove. Shallow water southwest corner of bay, just south of main dock. Sand beach. Dock depth 5' plus. Sheltered all but easterly wind. No charge for mooring on beach.	
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 420	00 ASL

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B152 AERODROME/FACILITY DIRECTORY

#### **OCEAN FALLS BC** CAH<sub>2</sub> ELEV 00 **REF** N52 22 W127 43 19°E (2012) Q Ó UTC-8(7) Elev 00' A5013 Q **OPR** Ocean Falls Improvement District 250-289-3813 Reg IktPF B-1 C-2, 20-22Z‡ D-3,5 Lake Cousins **FLT PLN** £ Q Kamloops 866-WXBRIEF (Toll free Q AADIUS 5N4 within Canada) or 866-541-4101 (Toll free within Canada & USA) Ç ŧ. Q Ó £ **SERVICES** ŧ. £ 5700 Ó s 5,6,7 ŧ. A/D DATA Tidal range 18'. Concrete ramp. Q Q COMM **ATF** tfc 123.2 5NM 3000 ASL

## ONNALINDA POINT ON — See LAKE ROSSEAU / ONNALINDA POINT

ORILLIA/LA	KE ST JOHN (ORILLIA RAMA REGIONAL)	ON CNV6
REF	N44 41 W79 19 6.5NE 11°W UTC-5(4) Elev 718' A5000	ELEV 718 Q 4 2 Q
OPR	Orillia Rama Regional APM 705-325-9838 Reg	St. John
PF	B-1,2 C-3,5 D-6 at adj land A/D	Avn Technical Consultants
CUST	AOE/15/SEAPL 888-226-7277 14-22Z‡ Mon-Fri exc hols	Orillia Avn Ltd 1070 V.\
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	2400 2400
SERVICES FUEL OIL S	100LL, JA-1 (Land Pump), MG-3 (Land pump) All 1,2,3,4,5	0 2 4 6 8 10 12000'
A/D DATA	Open water May-mid Nov. Ramp & Dock. Ski-plane opr mid Dec-Mar.	
COMM	UNICOM ltd hrs O/T tfc 122.95 5NM 38	300 ASL
PRO	Water A/D circuits 1500 ASL (800 AGL) away fr land A/D. Adj 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.	
CAUTION	Twr painted & lgtd 1070 ASL (300 AGL) aprx 2NM E of land A/D.	

## ORILLIA / MATCHEDASH LAKE ON

CPU5

REF	N44 47 W79 30 10N 11°W UTC-5(4) Elev 738' A5000	ELEV 738 & # 1 & Q
OPR	R. and M. Allan 705-345-2279 Reg PPR	6 6 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6
PF	D-1,2,3,4,5,6	dock Lake
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	TOTAL CONSTRUCTIONS OF THE PROPERTY OF THE PRO
SERVICES S	5	2100
A/D DATA	Wooden ramps	
COMM ATF	tfc 122.8 5NM 3700 ASL	0 1 2 3 4 5 6000'

## ORILLIA / PORT LEHMANN ON

CLIMS

REF	N44 36 37 W79 24 24 Adj E 11°W (2021) UTC-5(4) Elev 719' A5000	Lake Couchiching
OPR	Stewart Lehmann 705-330-9599 Reg PPR	marina Heward  Cedar Island Pt
PF	C-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)	dock dock dock dock dock dock dock dock
A/D DATA	Open water mid-Apr to mid-Nov. Dock.	2500
COMM ATF	tfc 122.8 5NM 3800 ASL	0 1 2 3 4 5 6000
PRO	Taxi in/out of bay past Cedar Island Road Point.	
CAUTION	Heavy recreational water tfc in summer	, including swimmers.

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## **ORILLIA / PUMPKIN BAY ON**

COP4

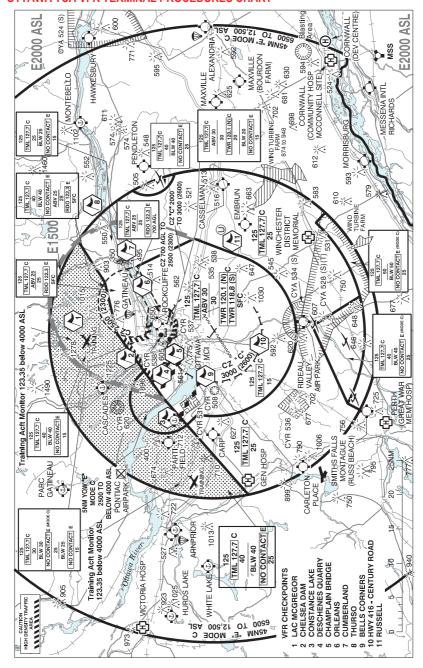
REF	N44 36 27 W79 24 16 Adj ESE 11°W (2018) UTC-5(4) Elev 705' A5000	Lake Couchiching Heward Point
OPR	Allan Traves 705-238-1647 Reg PPR	Point Point
PF	C-1	dock ( v
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	ROUS 5 M
A/D DATA	Open water May-Nov	2500
COMM ATF	tfc 122.8 5NM 3800 ASL	
PRO	Tkof/ldg outside of Pumpkin Bay and taxi in.	0 1 2 3 4 5 6000

## ORRVILLE / MARTIN LAKE ON

CMA7

REF	N45 22 00 W79 49 57 2.5W 10°W (2023) UTC-5(4) Elev 922' A5000	Q 1
OPR	Mark Auerman 647-588-1514 Reg PPR	Q Q î Q
FLT PLN		t v
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock dam to go No IUS 5 1/2
A/D DATA	Open water mid-May to mid-Oct	Lake 1
COMM	tfc 122.8 3NM 4000 ASL	2300
		0 1 2 3 4 5 6000'

#### OTTAWA TCA VFR TERMINAL PROCEDURES CHART



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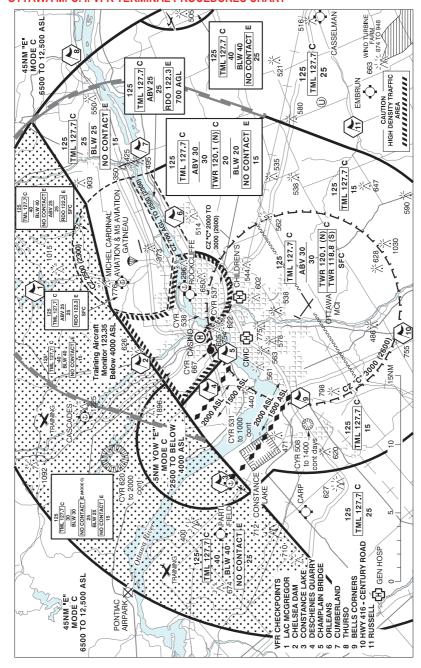
B156 AERODROME/FACILITY DIRECTORY

## 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 TERMINAL (emerg only 514-633-3365)

#### OTTAWA M.-C. I. VFR TERMINAL PROCEDURES CHART



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**B158 AERODROME/FACILITY DIRECTORY** 

#### 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"

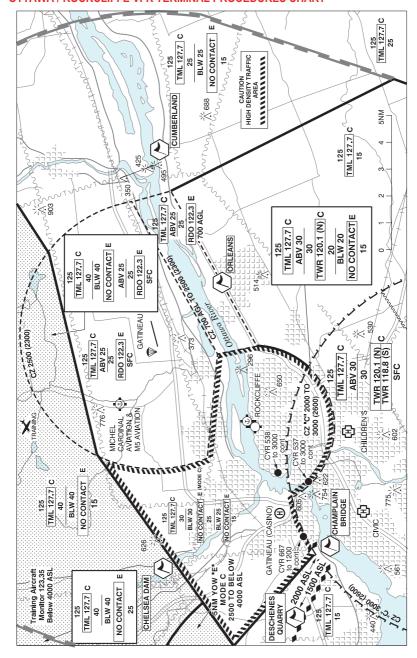
#### VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE

In order to benefit from immediate and effective Air Traffic Control Radar service thereby minimizing delays and frequency congestion, it is strongly recommended that all VFR flights wishing to penetrate or operate in the Ottawa Class C and Terminal Class C airspace obtain a transponder code.

If you file a VFR flight plan or flight itinerary with NAV CANADA, a transponder code will be assigned to your flight and you will be given this code on first contact with ATC.

If you do not file a VFR flight plan or flight itinerary with NAV CANADA, contact Montréal ACC at 866-VFR-CODE (866-837-2633) at least 30 minutes prior to your flight to obtain your transponder code.

#### OTTAWA / ROCKCLIFFE VFR TERMINAL PROCEDURES CHART



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

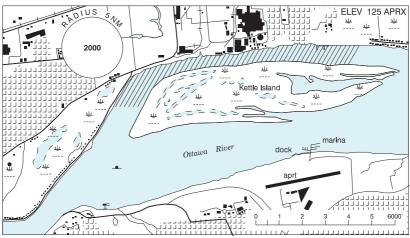
B160 AERODROME/FACILITY DIRECTORY

## OTTAWA / ROCKCLIFFE 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"
ORLEANS	VCORL	N45° 28' 34" W075° 31' 27"

## OTTAWA / ROCKCLIFFE ON

CTR7



I	REF	N45 27 47 W75 38 41 Adj NE 14°W UTC-5(4) Elev 125' aprx A1905 A5000 A5002	
Ī	OPR	Rockcliffe Flying Club 613-746-4425 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)	
ī	SERVICES FUEL OIL	100LL at land A/D 15W50 at land A/D	
	A/D DATA	Open water May-Oct	
	COMM  ATF  Rockcliffe UNICOM Itd hrs O/T tfc 123.5 5NM centred on Rockcliffe land A/D adj 3200 ASL excluding Gatineau CZ, Ottawa/Macdonald-Cartier Intl CZ and the airspace that lies within Ottawa TCA class C airspace.		
ī	NAV DME	OTTAWA YOW 114.6 Ch 93 N45 26 30 W75 53 49	

AERODROME/FACILITY DIRECTORY B161

OTTAWA /	OTTAWA / ROCKCLIFFE ON (Cont'd) CTR7		
PRO	Join Rockcliffe aprt circuit pattern. All circuits to the N of aprt. Where practicable keep downwind legs over the river.  MUSEUM: Aircraft wishing to park at the Canada Aviation and Space Museum are requested to ctc 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	Hvy boat tfc in summer on wknds. Shallow and debris area indicated by hatched area on sketch.		

OTTER LAKI	E SK	CKB4
REF	N55 36 00 W104 46 00 Adj 10°E (2012) UTC-6 Elev 1143' A5015 A5016 LO1	Q DIUS 5 1 Q ELEV 1143 Q
OPR	Osprey Wings Ltd 306-635-2112 Reg	2900 Otter Lake
PF	B-1,5 PN Opr	18/
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	t Q Holes t t Q t
SERVICES FUEL OIL S	100LL, JA-1 All 7	
A/D DATA	Open water mid May-mid Oct. Depth 4-6'. Skiplanes in win.	0 2 4 6 8 10 12000'
СОММ		
ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4300 ASL	
CAUTION	Unlgtd twr 1357 ASL (212 AGL) 2.6NM NE of A/D.	

## PACES LAKE NS — See MUSQUODOBOIT HARBOUR / PACES LAKE

## PACIFIC RADIO - RCO (KAMLOOPS FIC)

For a list of Pacific RCOs and map, see Planning Section under FISE RCOs.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B162 AERODROME/FACILITY DIRECTORY

## PARC GATINEAU QC

CSD9

REF	N45 41 00 W76 12 31 14°W UTC-5(4) Elev 640' A1905 A5000	Q DIUS SVA A ELEV 640
OPR	Richard Ashby 819-456-2981 Reg PPR	$\begin{bmatrix} \hat{t} \\ 2500 \end{bmatrix} \bigcirc \bigcirc$
PF	B-1 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)	dock t Lac des Loups t Q t Q
SERVICES S	5,6	Q Q Q
A/D DATA	Open water May-Oct. Ramp, sand beach & buoy.	0 1 2 3 4 5 6000
COMM	tfc 123.2 5NM 3700 ASL	

## PARRY SOUND / DEEP BAY ON

CPT8

REF	N45 23 55 W80 10 55 6.5NW 11°W UTC-5(4) Elev 580' A5000	ELEV 580 £ APOLUS 5 NA ·
OPR	Volker Steininger 416-356-5269 Reg PPR	2300
PF	C-1,2 D-3,4,5	Hydro Is.
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Deep Bay dock t
SERVICES S	5	Q Q £
A/D DATA	Open water May-Nov.	Q £ Q
COMM ATF	tfc 122.8 5NM 3600 ASL	0 1 2 3 4 5 6000
CAUTION	Comm twr at N45 24 29 W80 12 10 (apr	x 1NM WNW of A/D) 922 ASL (299 AGL).

#### PARRY SOUND / FRYING PAN ISLAND-SANS SOUCI ON

CPS9

		•	
REF	N45 10 24 W80 08 15 11.5SW 11°W UTC-5(4) Elev 580′ A5000	ELEV 580 COLUS SAME	
OPR	Henry's Fish Restaurant 705-746-9040 May 1-mid Sep 705-774-4881 win Reg	2100 + t / C	
PF	A-1,2 D-3,4,5,6	) dock (	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	+ + + Q î Fryingpan	
SERVICES FUEL OIL S	MG-1 W100, 15W50 5,7	Georgian Bay 748 11 Harbour 1 2 3 4 5 6000	
A/D DATA	Open water May-mid Oct.		
COMM	UNICOM Parry Sound Harbour/Parry Sound Airport O/T tfc 122.8 Sans Souci Traffic 5NM 2500 ASL		
PRO	Avoid ldg & tkof directly in chan where possible. Areas bordering the channel are noise sensitive areas. Float plane circuits 1600 ASL W chan only. Acft docking to S end of facility.		
CAUTION	Ocsl heavy boat tfc especially July & Au	g. Heavy boat swell & boat wakes.	

## PARRY SOUND HARBOUR ON

CPS1

REF	N45 20 21 W80 02 05 Adj SW 11°W UTC-5(4) Elev 580′ A5000	ELEV 58	
OPR	Georgian Bay Airways Ltd 705-774-9884 or 800-786-1704 May-Oct (DT 13-24Z) Jul & Aug close at SS Reg		
PF	A-1,2 C-3,4,5,6	945	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock count 2500	
SERVICES FUEL OIL S	Call out charge after hours 100LL MG-2 (at marina) W100, W100+ 2, 4, 7	t Harbour tump	
A/D DATA	Open water May-mid Nov.		
COMM	tfc 122.8 5NM 3800 ASL		
PRO	Float Plane circuits 1600 ASL, not over	town	
CAUTION		SL, 1NM NE 765 ASL and 2.2NM N to 1152 de docks. Lcl helicopter traffic MNR, Coast	

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B164 AERODROME/FACILITY DIRECTORY

#### PARRY SOUND / HURON ISLAND ON

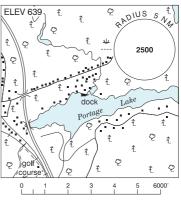
CPS8

REF	N45 10 46 W80 06 24 10.1SSW 11°W UTC-5(4) Elev 580′ A5000	PADIUS S ELEV 580
OPR	N.J. Westaway 705-746-5776 May 1-mid Oct altn/win 519-756-2422 Reg	2100
PF	B-1 C-2	Huron Island
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Georgian Bay 10 2+0 15 15 15 15 15 15 15 15 15 15 15 15 15
SERVICES S	5	+ + + + + + + + + + + + + + + + + + + +
A/D DATA	Open water May-mid Nov. Beach. Sheltered dock and buoy. Wave heights low in strong winds.	0 1 2 3 4 5 6000
COMM ATF	Sans Souci tfc 122.8 5NM 2500 ASL	
CAUTION	Ocsl hvy boat tfc causing swell and boat	wakes.

#### PARRY SOUND (PORTAGE LAKE) ON

CPS3

REF	N45 24 22 W80 03 05 3.6N 10°W (2018) UTC-5(4) Elev 639' A5000	ELEV
OPR	Peter Kropf 705-773-0031 Reg PPR	2
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)	Î.
A/D DATA	Open water May 15-Oct 15. Depth at dock 2-4', sand & weeds bottom.	î
COMM	tfc 122.8 5NM 3700 ASL	\sqrt{c}
PRO	Right hand circuits for eastbound ldgs (CAR 602.96).	Ĩ
•		



A/D DATA

LIGHTING

CAUTION

ATF

COMM

**PRO** 

#### PARRY SOUND / REVILO ISLAND ON CRV7 REF N45 14 39 W80 12 09 9.4WSW **€**L**€**V 583 Ç 10°W (2021) UTC-5(4) Elev 583' 7 Q OPR Morris Kansun 416-903-6043 Rea PPR £ £ **FLT PLN** (H Georgian [ London 866-WXBRIEF (Toll free within ø Bay Canada) or 866-541-4104 (Toll free RADIUS within Canada & USA) ŧ FATO/TLOF 24' x 24' WOOD Floating **HELI DATA** helideck Max Heli overall lenght 38' 2000 0 A/D DATA Open water Apr-Nov. Rocky bottom. 2 docks 9 **RCR** Opr 0 500 1000 COMM ATF tfc 122.8 5NM 3600 ASL Arr/dep 180° fr heli **PRO** PARRY SOUND (ROBERTS LAKE) ON CRL8 **ELEV 812** N45 14 59 W79 49 33 10ESE 5 Nr. **REF** QRO' Q US gravel 11°W (2011) UTC-5(4) Elev 812' 4 pit A5000 7 2600 **OPR** Airport Commission 705-378-2897 aprt 🤄 Reg PPR PF A-1.2 C-5 D-3.4.6 ŧ. AOF/15/SFAPI Q CUST Q **FLT PLN** Q FIC London 866-WXBRIEF (Toll free within Ç Canada) or 866-541-4104 (Toll free within Canada & USA) **SERVICES** OIL 65, 80, 100, 15W50, W100 Plus 0 3 4 5 6000 1.2.3.4.5.6 S

Open water Apr-Oct. Ctc Opr for current conds.

ARCAL-122.8 type K HI INTST bcn (See PRO)

boaters (See LIGHTING).

tfc on lake.

UNICOM ltd hrs O/T tfc 122.8 5NM centered on land A/D adj N 3800 ASL

Acft to follow pro per land A/D, extending to land on Roberts Lake. No unauthorized long term docking. Flashing bcn on N shore of lake must be act prior to arr/dep to alert

Steel dock 39 AGL located on E shoreline. Flt tng in vic of A/D. Extv recreational boat

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B166 AERODROME/FACILITY DIRECTORY

#### PARRY SOUND / ST. WALERAN ISLAND ON

CPD6

	<del> </del>	
REF	N45 14 57 W80 12 15 9SW 10°W (2016) UTC-5(4) Elev 580′ A5000	Parry Island P ELEV 580
OPR	Todd Knight 403-620-4623 Reg PN	Enola Parry
PF	B-1 D-2,3,4,5	dock (£ Island &
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	# Nuls 5 N 3 + 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SERVICES S	4	
A/D DATA	Open water May-mid Oct.	Georgian Bay
COMM	UNICOM Parry Sound Harbour/Parry Sound aprt, Sans Souci tfc 122.8 5NM 3600 ASL	0 1 2 3 4 5 6000'
PRO	Several channels & bays provide ldg are	eas for almost all wind directions.
CAUTION	Beware of buoys in boat channels. Boat rocks & shoals.	tfc & moored boats. Watch for submerged

#### PARRY SOUND / SALMON LAKE ON

CSJ9

REF	N45 15 32 W79 58 11 6SSE 10°W (2020) UTC-5(4) Elev 690' A5000	t Q Otter Lake
OPR	Garret Bannerman-Maxwell 647-628-5132 Reg PPR	1
FLT PLN		
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Cock Cock Cock Cock Cock Cock Cock Cock
A/D DATA	Open water May 1-Nov 1. Dock.	Lake
COMM	tfc 122.8 5NM 3700 ASL	2200
		0 1 2 3 4 5 6000'

PARTRIDGE POINT ON — See SAULT STE. MARIE / PARTRIDGE POINT

#### PAUDASH LAKE (MARINA) ON CPD5 ÉLEV 1126) **REF** N44 57 33 W78 02 14 3SW 12°W UTC-5(4) Elev 1126' A5000 Paudash Lake Marina 613-339-2600 **OPR** Reg May 1-Nov 1 exc Wed PF A-1,2,5 Lower Paudash Lake **FLT PLN** FIC London 866-WXBRIEF (Toll free within Mullett Ransom Canada) or 866-541-4104 (Toll free Island within Canada & USA) **SERVICES FUEL** 100LL A/D DATA Open water May 1-Nov 1 exc Wed 6000 COMM **ATF** tfc 123.2 4NM 4200 ASL CAUTION Boat traffic in area.

#### PAUDASH LAKE (MURRAY'S LANDING) ON

L.VVP	

REF	N44 58 09 W78 02 53 2SW Cardif 11°W (2021) UTC-5(4) Elev 1126' A5000	ROIUS 51/6 t Q t
OPR	John Murray-Audain 416-420-8878 Reg	2900 the Bay of Inlet Bay
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Stringer W W Lead
A/D DATA	Open water May-Nov. Rocky shoreline. Dock depth 3', sandy bottom.	Island Paudash Lake
COMM	Paudash Lake (Marina) tfc 123.2 4NM centred on Paudash Lake (Marina) water A/D 0.8NM SSE 4200 ASL.	0 1 2 3 4 5 6000
PRO	Circuits flown over water.	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B168 AERODROME/FACILITY DIRECTORY

## PAULATUK NT CEW8 REF N69 21 W124 04 21°F (2018) ELEV 00 // 20 US 6

REF	N69 21 W124 04 21°E (2018) GV156°E UTC-7(6) Elev 00' A5041	ELEV 00
OPR	Hamlet 867-580-3531/3039 Reg	1900
PF	C-1,2,4,5	
FLT PLN FIC CARS	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) 867-580-3111 Ltd hrs	69 dock Darnley Bay
A/D DATA	Open water Jul-Oct.	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
COMM MF	aprt rdo ltd hrs O/T tfc 122.1 5NM centred on Paulatuk land A/D adj 3100 ASL (CAR 602.98) 122.1 (V) 14-24Z‡ Mon-Sat, 14-19Z‡ Sun. At land A/D	0 1 2 3 4 5 6000'
NAV NDB	YPC 276 (M) N69 21 03 W124 04 3	1 Unmonitored when CARS clsd

#### 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)

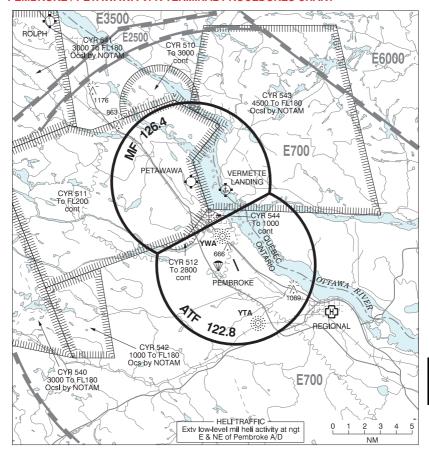
#### PELICAN LAKE ON — See SIOUX LOOKOUT / PELICAN LAKE

#### PELICAN NARROWS SK

CKE4

REF	N55 10 W102 56 Adj S 8°E (2015) UTC-6 Elev 1030' A5016	72 t 2 t ELEV 1030 5 T
OPR	Pelican Narrows Air Svcs Ltd 306-632-2020/7777 Reg	Pelican £ Q
PF	C-1,2,4	+ 1 1 2 2 2 1
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	dock Q
SERVICES FUEL OIL S	100LL 20W50 7	3000
A/D DATA	Open water mid May-mid Oct.	0 2 4 6 8 10 12000'
COMM	tfc 122.8 5NM 4300 ASL	

#### PEMBROKE / PETAWAWA VFR TERMINAL PROCEDURES CHART



PENCIL LAKE ON — See GOODERHAM / PENCIL LAKE

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B170 AERODROME/FACILITY DIRECTORY

#### PENDER HARBOUR BC

CAG8

REF	N49 37 W124 01 Adj 17°E (2016) UTC-8(7) Elev 00' A5004	Q Q Q £ Q ELEV 00 £ Q Q Q £ Q
OPR	Pender Harbour Authority 604-883-2234 Reg	5500
PF	B-1,2 C-3,4,5	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Pender Harbour
SERVICES S	7	
A/D DATA	01 May to 30 Sep dock avbl 16-23Z	
COMM	tfc 123.2 2NM 1500 ASL	0 1 2 3 4 5 6000'
CAUTION	Extv boat tfc May thru Sep.	

#### PENTICTON FSS - RCO

**Kelowna** 119.6 (RAAS) 0630-1330Z‡ (N49 56 W119 22)

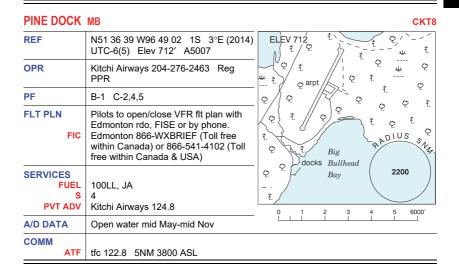
PETAWAWA	VERMETTE LANDING QC	CVL4
REF	N45 56 35 W77 16 00 2.9NNE 12°W (2023) UTC-5(4) Elev 365' A5000 A5001	ELEV 365 PROJUS 5 NO
OPR	Luc Vermette 819-650-0256 Reg PPR	# 2600   Wolfling
PF	B-1 D-2,3,4,5,6	
FLT PLN FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	++ dock 2 t
SERVICES FUEL S	100LL Emerg only, ctc opr. 4,5	Ottawa River
A/D DATA  DOCKS	Open water May-Oct. Current less than 5 kts. Depth 2' min. at dock. Gravel Ramp. Sand beach.	0 1 2 3 4 5 6000'
COMM 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 centred on Petawawa heli 2.1NM WNW 3400 ASL (CAR 602.98).	
PRO	Remain clear of CYR511. See PEMBRO (CAR 602.96). Touch-and-go not auth (0	KE / PETAWAWA VTPC. Circuits NE of river CAR 602.96).
CAUTION	Heavy helicopter traffic 24/7. Heavy boa docks. Buoys line to docks.	t traffic. Rocks in vicinity of islands near

PETERSON'S LANDING ON — See KENORA (PETERSON'S LANDING)

CAUTION

1.3NM S.

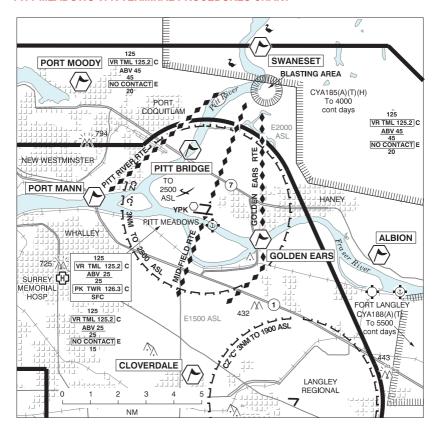
#### **PICKLE LAKE ON** CKG4 ADIUS REF N51 28 W90 12 Adj W 3°W UTC-5 ELEV 1180 Elev 1180' A5008 LO4 √Public Beach **OPR** Gold Belt Air Transport Inc Osnaburgh 807-928-2251: 2800 Gold Belt Osnaburah Airways Ltd 807-928-2547 Reg breakwater. PF B-1,2,3,4,5 **FLT PLN** Pilots to open/close VFR flt plan with Pickle Lake London rdo, FISE or by phone FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) airport 1390 **SERVICES** 100LL **FUEL** 8 10 12000 OIL ΑII 2,5 **PVT ADV** Gold Belt Air 130.30 A/D DATA Open water mid May-mid Nov. Beach, sand bottom, skiplanes in win. Prevailing winds WNW. COMM **RCO** Thunder Bay rdo 122.2 (FISE) 11-02Z London rdo 123.475 (FISE) 126.7 (bcst) Thunder Bay rdo 11-02Z O/T tfc 122.2 5NM centred on Pickle Lake land A/D 1.3NM S 4300 ASL (CAR 602.98) NAV **NDB** YPL 382 (M) N51 26 31 W90 13 20 YLZ 113.7 Ch 84 N51 26 37 W90 13 22 (1261') **DME PRO** Acft not to overfly townsite below 1000 AGL. Ldg or tkof not authorized within area depicted in sketch.



Lgtd twr 1528 ASL 1.4NM ENE. Unlgtd twr 1357 ASL 0.6NM ENE. Land A/D

#### PISTOL LAKE ON — See MINAKI / PISTOL LAKE

#### PITT MEADOWS VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
ALBION	VCABN	N49° 11' 12" W122° 33' 36"
CLOVERDALE	VCCLV	N49° 06' 42" W122° 43' 24"
GOLDEN EARS	VCGER	N49° 11' 48" W122° 39' 54"
PITT BRIDGE	VCPTB	N49° 14' 48" W122° 43' 48"
PORT MANN	VCPMN	N49° 13' 18" W122° 49' 00"
PORT MOODY	VCPMD	N49° 17' 18" W122° 49' 42"
SWANESET	VCSWN	N49° 18' 30" W122° 39' 48"

#### PITT MEADOWS BC CAJ8 REF N49 12 34 W122 42 34 1SW علد ELEV 06 17°E (2013) UTC-8(7) Elev 06' VTA A5004 **OPR** Pitt Meadows Aprt Society 604-465-8977 15-01Z± Mon-Fri Rea ditch apr PF A-1,2,3,7 at adj land A/D C-4,5,6 "C" 3NM TO 2500 mmmm **FLT PLN FIC** Kamloops 866-WXBRIEF (Toll free River float within Canada) or 866-541-4101 (Toll ter Timming The Timming Time free within Canada & USA) 1600 wx LWIS H24 LAWO 15-07Z± **SERVICES FUEL** 100LL, JA-1 at adj land A/D 6000 OIL ΑII S 1,2,3,4,5 at adj land A/D A/D DATA Tidal range 4', current 3-8 kt. COMM **ATIS** 125.0 15-07Z‡ **GND** 123.8 15-07Z‡ **TWR** Pitt 126.3 (V) 15-07Z‡ MF tfc 126.3 07-15Z‡ 3NM 2500 ASL (CAR 602.98) NAV VOR YPK 112.4 N49 12 57 W122 42 54 **PRO** Circuit altitude for seaplanes 500 ASL, all circuits on S side of Fraser River. Arr/dep avoid low flt over built-up areas, or as directed by ATC. Eastbound dep on Fraser River initiate tkof W of float ramp, or as directed by ATC.

#### POINTE AU BARIL STATION ON

level; caution at low tides.

CAUTION

CPB6

-		
REF	N45 32 24 W80 23 15 4SW 11°W UTC-5(4) Elev 580' A5000	ELEV 580 (1) 1
OPR	Jeremy and Ryan Edwards 647-202-9995 or 416-400-5244 Reg	Shawanaga Inlet
PF	B-5	dock O Skerryvore
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	+ POIUS SAME TE É
A/D DATA	Open water May-mid Nov, sandy bottom. Dock depth 5'.	2300
COMM	tfc 123.2 5NM 3600 ASL	
CAUTION	Rock shoal 82' NE of boathouse marked with white buoy. Enter bay from N. Remain E of island.	0 1 2 3 4 5 6000'

Drifting logs. Lower end of seaplane launching ramp is less than 1' below zero tide

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B174 AERODROME/FACILITY DIRECTORY

#### POINTS NORTH LANDING SK

CKC2

REF	N58 16 04 W104 04 48 Adj S 9°E (2014) UTC-6 Elev 1550' aprx A5024	2 Q £ ELEV 1550 APRX † Q
OPR	Points North Freight Forwarding Inc 306-633-2137 Reg	A POUS 5 Mapril April Ap
PF	B-1,2,5 PN Opr	85 AGL: 3200
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Q Q Add docks
SERVICES FUEL OIL S	100LL, JA-1 (FSII avbl) All 1,2,4,6	Q Q t
A/D DATA	Open water Jun-mid Oct. Sand bottom, ramp.	
COMM	68 Points North UNICOM ltd hrs O/T tfc 1 land A/D adj 4700 ASL	23.3 5NM centred on Points North Landing
CAUTION	Extv tfc adj land aprt. VHF rdo twr 85 AC 3NM SW of A/D.	GL on apron. Lgtd twr 1991 ASL (370 AGL)

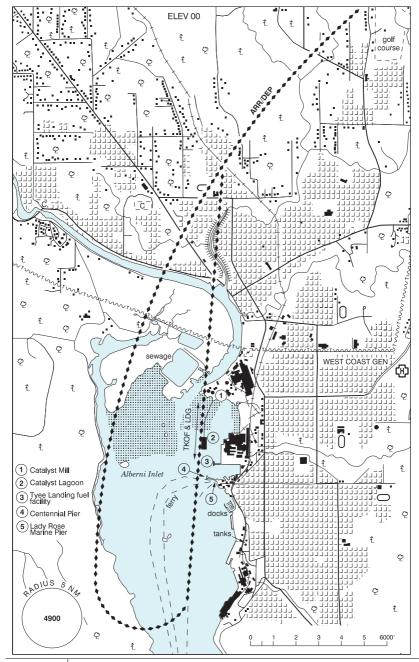
#### **PORTAGE LAKE ON**

CND9

IONIAGE	AIL OIL	ONDS
REF	N45 46 W80 14 16SW Port Loring 11°W UTC-5(4) Elev 710′ A5000	Q ELEV 710
OPR	Tornado's Canadian Resorts Inc 705-757-2050 Reg PPR	2100
PF	B-5	t t
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock t
A/D DATA	Open water May-mid Nov.	
COMM	tfc 122.8 5NM 3700 ASL	2 Population 4 1 1
		0 1 2 3 4 5 6000'

CPW9

#### PORT ALBERNI BC



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B176 AERODROME/FACILITY DIRECTORY

OPR	Pacific Seaplanes 1-855-933-5922 Reg Upon arr ctc opr or Port Authority 250-723-5312
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)
A/D DATA  DOCKS	Open water all year. 25' draft, average tidal rng 8-12'. No pt-to-pt or sked flt svcs auth.  Itinerant prkg avbl. Mooring fees PN
COMM	tfc 123.0 5NM 3100 ASL
PRO	Inner Harbour area speed limit 5kts. Use ldg lgts and other flashing lgts to alert mariners and kite surfers of arr/dep.
	NOISE ABATEMENT: Do not overfly City of Port Alberni below 1500'. Avoid overflight of built-up areas. Do not overfly harbour piers. Remain at least 50m (164') from fixed piers during tkof and ldg. Follow arr/dep route over greenspace N of city centre.
	ARRIVALS: Follow marked arr routes. Ldgs northbound or southbound use area S of Centennial Pier with circuit to W side of Alberni Harbour. Use Catalyst Lagoon for ldg southbound during inflow winds. Land short of Tyee Landing fuel facility. Taxi speed to Centennial Pier seaplane dock.
	Dur hi winds use ldg area S of Centennial Pier due kite surfers - in conds of inflow winds land short in Catalyst Mill Lagoon.
	DEPARTURES: Signal kite surfers by using ldg lgt immediately before tkof.
	Preferred dep southbound with rgt turn after tkof, 50m (164') S of Centennial Pier. During inflow winds and when conds require, use sheltered waters of Catalyst Mill Lagoon for departure southbound with straight out dep or rgt turn after tkof.
	NO LEFT TURNS AFTER TKOF on southbound dep due to built-up areas, rising terrain and downdrafts. Follow marked dep routes.
CAUTION	Rising terrain to E. Mechanical turbulence common near Cameron Lake. Due downdrafts Cameron Lake Pass minimum suggested entry/exit altitude 2500 ASL.
	Strong inflow winds occur in Alberni Inlet with wind speeds to 45 kt and sea state to 1.5m. Novice float pilots should avoid this area during hi winds and sea state.
	Extv marine tfc. Ferries arr/dep Lady Rose Marine Pier adj Centennial Pier. Tugboats and log booming ops near Catalyst Mill. Watch for floating debris.
	May-Oct: many recreational vessels opr in and around alighting and manoeuvring areas, accessing vessel fuel docks and moorage.
	Kite surfers S of Centennial Pier during hi winds - extreme ctn rqrd. Kite surfers reach speeds 80 kph with kite height to 80' ASL.

#### PORT ALBERNI/SPROAT LAKE BC

· OITT /TEBE	INITI OF ROAT LAKE DO	OAAS
REF	N49 17 W124 57 Adj W 17°E (2015) UTC-8(7) Elev 95' A5004	£ ELEV 95 00 00 00 000 000 000 000 000 000 000
OPR	Coulson Flying Tankers 250-723-6225 Reg PPR	t dock
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Sproat Lake Landing Sproat Lake
SERVICES S	4,5	t a to the state of the state o
A/D DATA	Emerg only. Dock obstructed. Gravel & mud bottom. Floats, buoys, ramp & beach. NE arm well sheltered. Water IVI	6100
COMM	up 10' in win. Ctc opr for conds.	0 2 4 6 8 10 12000'
ATF A/G	Port Alberni tfc 123.0 5NM 3100 ASL 164.190	

#### PORT ALBERNI/SPROAT LAKE LANDING BC

#### CSP4

REF	N49 17 05 W124 58 25 7W 16°E (2024) UTC-8(7) Elev 95' A5004	t Q Q Q ELEV 95)
OPR	Pacific Seaplanes Inc. & Sproat Lake Landing resort 855-933-5922 Reg PPR	NOISE SENSITÍVE Q
PF	D-4	dock Sproat Lake
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Westbound ARR  tkof/ldg  Eastbound DEP
A/D DATA	Open water all year with ocsl freeze Jan-Feb in West Bay. Depth 2.5' to 6', sand & mud bottom. Dock.	West Bay  0 1 2 3 4 5 6000'
COMM	tfc 123.0 5NM 3100 ASL	
PRO	Arr westbound and dep eastbound to/fr	West Bay (see Sketch)
CAUTION	Heavy summer boat tfc and recreationa	l nautical act.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

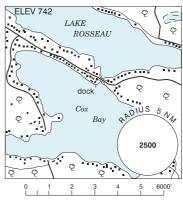
#### PORT CARLING (AVON BAY) ON CPC5 ELEV 742 ~ REF N45 07 36 W79 40 04 3.9WNW DIUS 5 10°W (2024) UTC-5(4) Elev 742' CumberlandStar I 2300 OPR Daniel Wittlin 416-560-8575 Reg PPR ARRIDES A/D clsd Dec 1-Mar 31 **FLT PLN** £ London 866-WXBRIEF (Toll free within 280 Canada) or 866-541-4104 (Toll free within Canada & USA ŧ FATO 59' x 59' water open water **HELI DATA** ldg area TLOF 24' x 24' wood Safety Area 69' x 69' Floating helideck ŧ £ Max heli overall length 39' **RCR** Opr No win maint 60000 **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 / BUTTERFLY LAKE ON CPY8 REF N45 05 38 W79 37 50 2.6SW 11°W **ELEV 765** 5 N4 ົ່າປຣີ AD. UTC-5(4) Elev 765' A5000 Ç **OPR** Trent McCabe 416-432-6967 Reg **PPR** 2500 PF B-1 C-2.3.4.5.6 عيد **FLT PLN** Ó FIC London 866-WXBRIEF (Toll free within AdaCanada) or 866-541-4104 (Toll free Lake within Canada & USA) 7 **SERVICES** s ىيد £ A/D DATA Open water May-Nov علد COMM 6000' **ATF** tfc 122.8 5NM 3700 ASL CAUTION Unlgtd twr 904 ASL (98 AGL) 0.6NM SW of A/D

#### PORT CARLING / LAKE JOSEPH ON

CLJ2

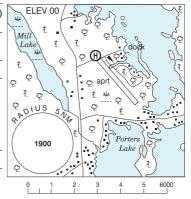
REF	N45 06 52 W79 37 21 2W 11°W UTC-5(4) Elev 742' A5000	ELEV
OPR	Port Sandfield Marina 705-765-3147 Reg	
PF	B-1 D-2,3,4,5,6	
FLT PLN		
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	δ. .δ.
A/D DATA	Open water Apr-Nov. Dock.	
СОММ		
ATF	tfc 122.8 5NM 3700 ASL	Q (
CAUTION	Hvy sum boat tfc. Twr 1237 ASL (945 AGL) aprx 1.5NM SSE of A/D	0



#### **PORTERS LAKE NS**

CDD2

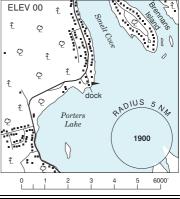
REF	N44 42 44 W63 17 56 2S 18°W (2014) UTC-4(3) Elev 00' A5003 T2
OPR	R. MacFarlane 902-827-3148 Reg PPR
PF	B-1 C-2,5 D-3,4,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) (IFR only) Moncton 506-867-7177 or 866-480-8200.
A/D DATA	Open water Apr-Nov. Docks & ramp.
COMM	tfc 123.2 5NM 3000 ASL



#### **PORTERS LAKE SOUTH NS**

CLS4

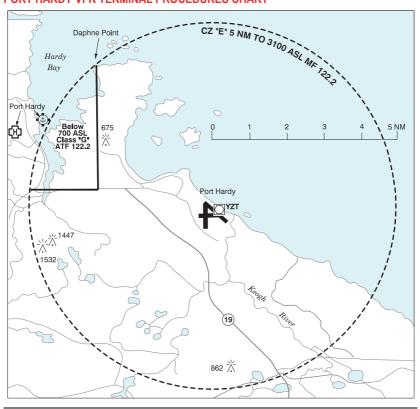
REF	N44 39 56 W63 18 53 4.5SSW 18°W (2016) UTC-4(3) Elev 00' A5003
OPR	John J. Neima 902-827-3665 Reg PPR
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA).
A/D DATA	Open water May-Nov. Dock & ramp.
COMM	tfc 123.2 3NM 3000 ASL



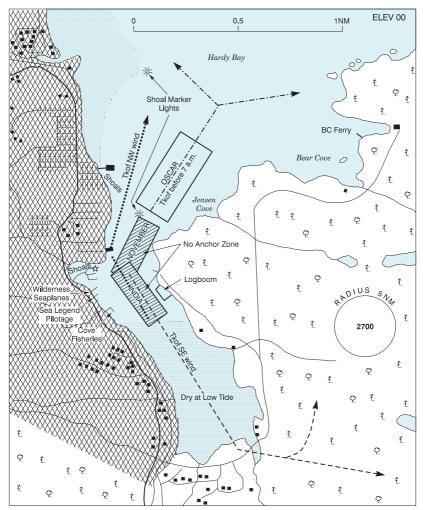
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B180 AERODROME/FACILITY DIRECTORY

#### PORT HARDY VFR TERMINAL PROCEDURES CHART



#### PORT HARDY BC CAW5



REF	N50 43 W127 29 Adj E 18°E (2014) UTC-8(7) Elev 00′ A5004
OPR	Legend Air 250-949-0510, Wilderness Seaplanes Ltd. 250-949-6353 attended daylight hrs 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	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B182 AERODROME/FACILITY DIRECTORY

PORT HARD	Y BC (Cont'd) CAW5
A/D DATA	Open water all year exc Inner Harbour may freeze. Tidal range 19', current 1 kt. Shoal marker at entrance to Inner Harbour. Shallow water at low tide SE of Cove Fisheries. See A/D sketch.
COMM RADIO RCO MF ATF A/G	See VTPC Hardy rdo 122.2 236.6 (E) Pacific rdo 123.375 (FISE) 126.7 (bcst) Hardy rdo 122.2 5NM centred on Port Hardy A/D 5NM SE 3100 ASL (CAR 602.98). Refer to Port Hardy VTPC. tfc 122.2 sfc to below 700 ASL Wilderness Seaplanes 131.05, radio located at CYZT
NAV VOR/DME	YZT 112.0 Ch 57 N50 41 04 W127 21 57 (66')
PRO	Strobe lgt - An acft rdo activated strobe lgt, lctd on breakwater west corner of India, alerts mariners & pilots of arr/dep seaplane in areas Oscar, November & India. Key mike 5 times within 5 sec on 122.5; strobe lgt is white, quick flashing & has a duration of 3 min (Subject to unsked outages). SE dock finger used exclusively for Sea Legend pilot boats. Use Sea Legend side of the aircraft dock only, due to shallow water on NW side. No vehicle parking available at seaplane base.
CAUTION	Seas heavy in ocsl N gales. Active booming grounds N side of bay. Extv boat tfc during sum. Lgtd twr 600 ASL 1NM SE of bay. Land A/D 5NM SE.

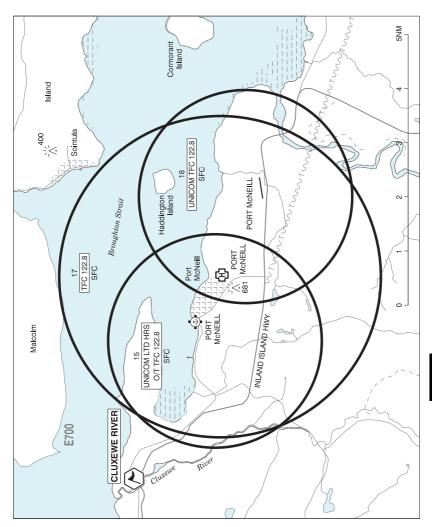
#### PORT HARDY FSS - RCO

Tofino 123.25 (RAAS) 1330-0530Z‡ (N49 05 W125 51)

#### PORT LEHMANN ON — See ORILLIA/PORT LEHMANN

PORT LORIN	IG ON	CNQ7
REF	N45 53 W80 06 6SW 11°W UTC-5(4) Elev 668' A5000 A5001	ELEV 668
OPR	Tornado's Canadian Resorts Inc 705-757-2050 Reg	2400
PF	B-1,5 C-2,4	Clock Q Q 1
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
SERVICES FUEL OIL S	100LL Seasonal 2,5	Pickerel River 1.
A/D DATA	Open water May-mid Nov.	0 1 2 3 4 5 6000'
COMM	tfc 122.8 5NM 3700 ASL	
CAUTION	Lgtd twr 1177 ASL 7NM ENE.	

#### PORT McNEILL VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
CLUXEWE	VCLUX	N50° 36' 18" W127° 10' 18"

CAUTION

#### PORT McNEILL BC CAM8 RADIUS Lady Ellen Point 5Ny REF N50 35 W127 06 Adj N 18°E (2013) ELEV 00 Broughton Strait UTC-8(7) Elev 00' A5004 Q **OPR** Mid Coast Properties 250-956-3336 Ledge 4700 Point Reg Ø 1€ 000 ŧ Q PF B-1 C-2,3,4,5,6 **FLT PLN** LANDING AND TAKE-OFF AREA Kamloops 866-WXBRIEF (Toll free McNeill Ferry Tml within Canada) or 866-541-4101 (Toll - Breakwater free within Canada & USA) Ó Q **SERVICES CAB Industrial Automotive** Q ŧ Ç Ç 250-956-3336, 250-956-4044 Mills **FUEL** 100LL, JA ŧ 5 Q Ó ŧ ŧ Q 6 8 10 12000 A/D DATA Tides to 16' COMM **ATF** UNICOM ltd hrs O/T tfc 122.8 2NM 1500 ASL **PRO** Ldg hazardous dur low tides & in SE winds greater than 20 kt. ARRIVALS/DEPARTURES: 1. Wind, water and load conds permitting, all tkofs & ldgs will commence and/or terminate W of the breakwater (see sketch). 2. No step taxiing E of the easternmost breakwater. 3. Avoid overflights of residential areas below 1000 ft. Advs intentions within 5NM.

#### PORT SAINT MICHEL QC — See ST-MICHEL-DES-SAINTS / PORT SAINT MICHEL

Extv boat & heli tfc in vicinity of marina.

PORT SEVE	RN / OAK BAY ON	COB2
REF	N44 47 44 W79 44 13 Adj WSW 11°W (2018) UTC-5(4) Elev 580' A5000	ELEV 580
OPR	Craig Marchetti 705-956-2210 Robert Marchetti 705-427-9045 Reg	goff course
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t channel + Chan
A/D DATA	Depth at Dock 3'-4'. Ice mid Jan-mid Mar. Ski-plane ops in win.	2400
СОММ		
ATF	tfc 122.8 5NM 3600 ASL	
PRO	Float plane circuits 1600 ASL.	0 1 2 3 4 5 6000' 
CAUTION	Recreational Boating through lock #45 of the Trent Severn waterway immediately to the E of Oak Bay. Channel markers to the S and E of Oak	Bay on tkof/ldg.

#### PORT STANTON/SPARROW LAKE ON

CNX7

1 0111 017111	TOTAL OIL	Oliver
REF	N44 48 W79 25 Adj N 11°W UTC-5(4) Elev 698' A5000	ELEV 698 VI
OPR	John A. Stanton 705-689-2249 Reg PPR	
PF	B-1 C-2,3,4,5,6	Sparrow to t
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Tree Lake Communication of the
SERVICES FUEL OIL S	100LL 80 5	mooring Welsh Port Stanton
A/D DATA	Open water May-mid Nov. Beaching.	0 2 4 6 8 10 12000'
COMM	tfc 122.8 5NM 3700 ASL	
CAUTION	Numerous small boats.	

#### POURVOIRIE ESCAPADE QC — See RÉSERVOIR GOUIN / POURVOIRIE ESCAPADE

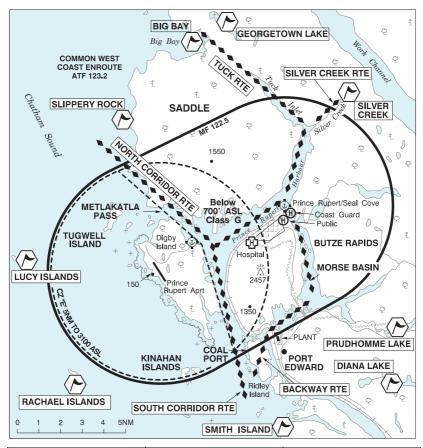
#### POWELL LAKE BC

CAQ8

REF	N49 53 06 W124 32 38 Adj E 17°E (2016) UTC-8(7) Elev 183' A5004	Q Q ELEV 183 Q Powell Lake
OPR	City of Powell River 604-485-6291 Reg	t o
PF	B-1,2 D-3,4,5,6	Q Q ARDIUS SAM
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	4800
SERVICES FUEL	100LL 604-483-9995 16-01Z‡	Q docks Q £
A/D DATA DOCKS	Mud bottom. E dock: Short term mooring. W dock: Docking fees ctc Powell Daniels Contracting.	0 1 2 3 4 5 6000
COMM	tfc 123.0 2NM 1700 ASL Powell River A/D 3NM SE	
CAUTION	Ocsl strong N winds create waves. Driftw Land A/D 3NM SE. Submerged stumps of	vood hazard dur hi water. Cable crossing W. on S shore at low water.

#### **POWERS ON —** See DALRYMPLE LAKE / POWERS

#### 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"

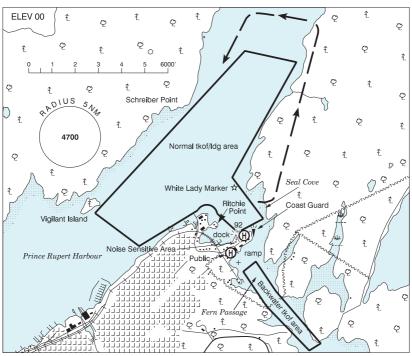
#### PRINCE RUPERT/DIGBY ISLAND BC

CAN6

FRINGE RUF	EKI/ DIGDI ISLAND BC	CANO
REF	N54 19 W130 24 3W 19°E (2013) UTC-8(7) Elev 00' A5013	ELEVOO
OPR	Prince Rupert Aprt Authority 250-624-6274 Reg	Boundary Anian Island 4300
PF	B-1, 3(ltd hrs) C-2,3,4,5,6 on Kaien Island	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	dock o wilgiapsni i
SERVICES S	7 1600-0345Z‡	Digby Island Digby Island
A/D DATA	Water A/D within Prince Rupert CZ. Tidal range 26'. Tidal current 3-7 kts.	0 1 2 3 4 5 6000
COMM RCO MF	Pacific rdo 123.275 (FISE) 126.7 (bcst) tfc 122.5 irregular shape see Prince Ru	
NAV NDB	PRINCE RUPERT PR 218 (M) N54	1 15 48 W130 25 26
PRO	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	Logs & deadheads hazardous. Extv boa	t tfc in area. Land A/D 2.4NM SW.

#### PRINCE RUPERT/SEAL COVE BC

**CZSW** 



REF	N54 20 W130 17 Adj NE 20°E (2012) UTC-8(7) Elev 00´ A5013
OPR	Seal Cove Airport Society 250-624-2321 Reg
PF	A-1,3 C-2,4,5,6
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)
SERVICES FUEL S	Avbl May-Sep 15-04Z‡. Oct-Apr daylight hrs only. Callout chgs may apply. After hrs svcs call 250-624-1737. 100LL 1,2,3,4,5
A/D DATA  DOCKS	Tidal range 26', current 2-3 kt. Floats & ramp. Win: Ocsl 3' swells & chop. Sum: Frequent glassy water. Mooring fees.
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)
NAV NDB	PR 218 (M) N54 15 48 W130 25 26

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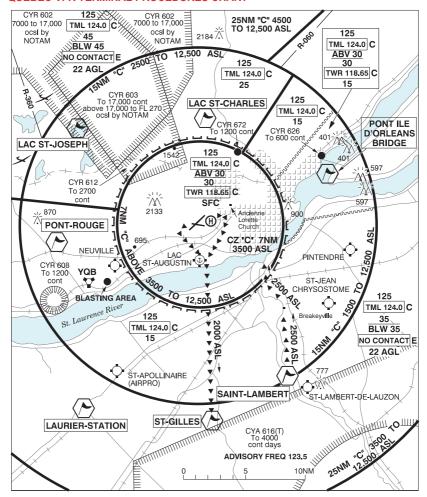
PRINCE RU	PERT/SEAL COVE BC (Cont'd)	CZSW
PRO	See Prince Rupert VTPC. ARRIVAL: Rpt by inbd VFR checkpoint on tfc freq and advs routing and des Remain on tfc freq until landed. DEPARTURE: Advs obd rte and remain on tfc freq until clear of inbd VFR checkpoints.	tn.
CAUTION	Prince Rupert CZ adj. See VTPC. Extv air tfc to/fr Port Simpson via Tuck Inl Log-booming - debris in area. Extv boat tfc in Fern Passage.	et.

## PUMPKIN BAY ON — See ORILLIA/PUMPKIN BAY

### QUAMICHAN LAKE (RAVEN FIELD) BC

N48 48 30 W123 39 00 2.9NNE 17°E (2014) UTC-8(7) Elev 100' VTA A5004	ELEV 100   Q
John F Howroyd 250-889-5770 Reg PPR	
B-1 C-2,3,4,5,6	Quamichan t.
Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Lake dock the course of the co
Virtually ice free, non-tidal, max depth 24' crushed rock, depth at dock 5', 4 moorings 2x20' floats and gangway.	3800
tfc 122.8 2NM 2200 ASI	0 1 2 3 4 5 6000'
	17°E (2014) UTC-8(7) Elev 100′ VTA A5004  John F Howroyd 250-889-5770 Reg PPR  B-1 C-2,3,4,5,6  Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)  Virtually ice free, non-tidal, max depth 24′ crushed rock, depth at dock 5′, 4

#### QUÉBEC VFR TERMINAL PROCEDURES CHART



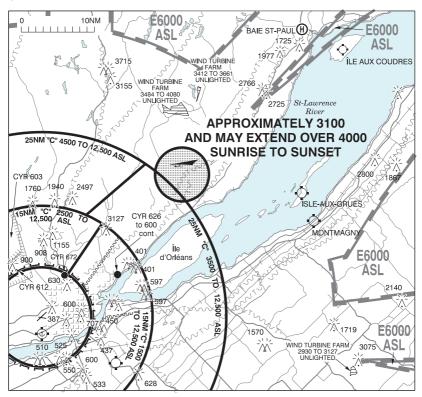
NAME	IDENT	LAT/LONG
LAC ST-CHARLES	VCLSC	N46° 56' 00" W071° 23' 00"
LAC ST-JOSEPH	VCLSJ	N46° 55' 00" W071° 38' 38"
LAURIER-STATION	VCLST	N46° 32' 21" W071° 37' 57"
PONT ILE D'ORLEANS BRIDGE	VCTMN	N46° 52' 45" W071° 08' 00"
PONT-ROUGE	VCRED	N46° 45' 00" W071° 42' 00"
SAINT-LAMBERT	VCLAM	N46° 35' 00" W071° 12' 28"
ST-GILLES	VCGLS	N46° 30' 30" W071° 21' 58"

#### QUÉBEC VFR TERMINAL PROCEDURES CHART (Cont'd)

#### QUÉBEC CLASS D AIRSPACE

In order to benefit from immediate and effective air traffic radar services thereby minimizing delays and frequency congestion, it is strongly recommended that all VFR flights wishing to enter Quebec class D airspace, obtain a transponder code before take-off. If you file a flight plan or flight itinerary with NAV Canada, please contact Montreal ACC at 514-633-3211 or 1-800-633-1353, or by fax at 514-633-2877 or Quebec FIC 1-866-GOMETEO or 1-866-WXBRIEF, 30 min prior departure to obtain a transponder code. Following must be specified: ident and type of aircraft, point of departure, destination and estimated time entering Quebec class D airspace. Dly 11-02Z. This transponder code may be obtained in flight with Quebec FIC on frequency 123.275 at least 10 min before entering Quebec class D airspace. Squawk transponder before initial contact with ATC.

#### QUÉBEC VFR TERMINAL PROCEDURES CHART - PARAGLIDING OPERATIONS

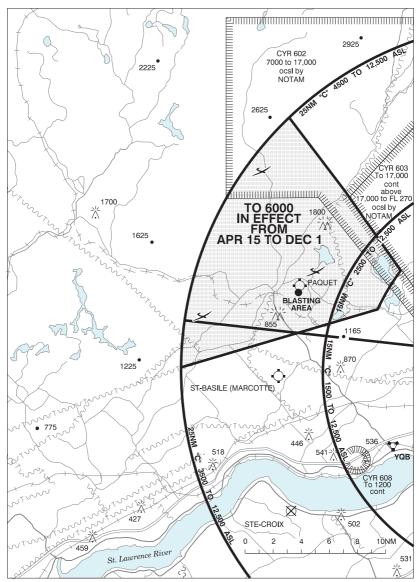


#### PARAGLIDING OPERATIONS

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 3 NM radius excluding the Québec class D 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 614-633-3240.

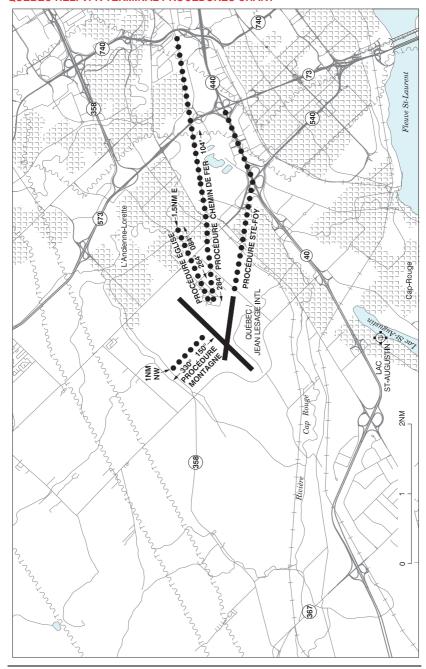
#### **QUÉBEC VFR TERMINAL PROCEDURES CHART - GLIDER OPERATIONS**



#### **GLIDER OPERATIONS**

Glider ops will occur in the region depicted above, from Apr 15 to Dec 1, from the sfc up to 6000 ASL inclusively. Ctc Québec tml (freq 127.85) to inquire about the status of this area in class D airspace.

## QUÉBEC HELI VFR TERMINAL PROCEDURES CHART



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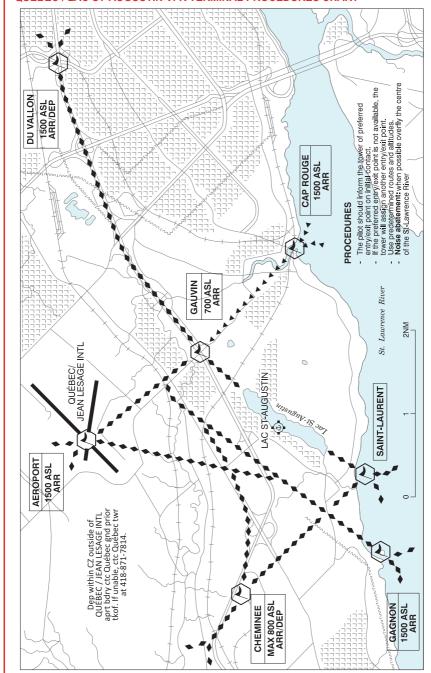
B194 AERODROME/FACILITY DIRECTORY

#### 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



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

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#### 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/LAC ST-AUGUSTIN QC CSN8 N46 45 05 W71 23 39 6SW 17°W REF UTC-5(4) Elev 133' A5002 **OPR** Luc Forgues 418-955-4455 Cert PPR PF B-1,2,3,7 C-4,5,6 **FLT PLN** (bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA) 3200 **SERVICES FUEL** 100LL 24 hrs PN 4.5.6 A/D DATA Open water May-Oct. COMM Québec 123.55 (Above 12,500 ASL) 126.7 **RADIO** ATIS 134.6 128.3 **GND** Québec 121.9 **TWR** Québec 118.65 236.6 (E) at land A/D 2NM N NAV **VORTAC** QUEBEC YQB 112.8 Ch75 N46 42 19 W71 37 35 **PRO** Touch & go forbidden. See Québec/Lac St-Augustin VTPC for effective Noise Operating Restrictions & Noise Abatement Procedures. Ctc Québec gnd prior tkof. If unable, call Québec twr at 418-871-7814.

#### **QUEEN CHARLOTTE CITY BC**

Land A/D 2NM N.

CAUTION

CAQ6

REF	N53 15 W132 04 Adj E 19°E (2012) UTC-8(7) Elev 00' A5013	ÉLÉV 00V
OPR	Queen Charlotte City Harbour Authority 250-559-4650 Reg	South TC + Moresby TC Air
PF	C-1 D-3,5,6	>
FLT PLN		Bearskin Bay
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	+ andius 5Mm
SERVICES FUEL S	100LL 250-559-4222 PN 7	4500
A/D DATA	Tidal range 25', depth 6', rock & mud bottom. Ramp aprx 2NM E. Restricted area behind breakwater. Dock fees ctc Opr.	0 1 2 3 4 5 6000'
COMM ATF	tfc 123.2 5NM 3000 ASL See PRO section	

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# QUEEN CHARLOTTE CITY BC (Cont'd) NAV VOR/DME SANDSPIT YZP 114.1 Ch 88 N53 15 08 W131 48 25 (46') PRO Noise sensitive area 1.5NM E & W of dock. No overflight below 2000 AGL. Arr/dep over water. Avoid circuits over town. Ctc Terrace rdo 122.3 296.2 prior to entry into

Sandspit CZ. Special VFR tfc advsy procedures apply outside ATF zone, see Section

## QUENNELL LAKE BC — See NANAIMO / QUENNELL LAKE

C - Areas With Discrete Air-To-Air Frequencies.

RAINY RIVE	R ON	CKQ4
REF	N48 43 W94 34 1°E (2014) UTC-6(5) Elev 1062' A5007	ELEV 1062
OPR	Canada Border Services Agency 807-852-1515 Reg	2800 £ \$\frac{1}{2}\$ \$\frac{1}{2}\$
PF	B-1 D-2,3,4,5	
CUST	AOE/15/SEAPL 888-226-7277 13-01Z‡	dock
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)	CANADA U.S.A.
SERVICES	_	0 1 2 3 4 5 6000
S	5	0 1 2 3 4 5 6000'
A/D DATA	Open water mid May-mid Nov.	
COMM	tfc 122.8 5NM 4100 ASL	
NAV DME	BAUDETTE (USA) BDE 111.6 Ch 53 N48 43 22 W94 36 27	
PRO	Flt pln can be clsd by calling Princeton FSS 122.4	

#### RAMSEY LAKE ON — See SUDBURY / RAMSEY LAKE

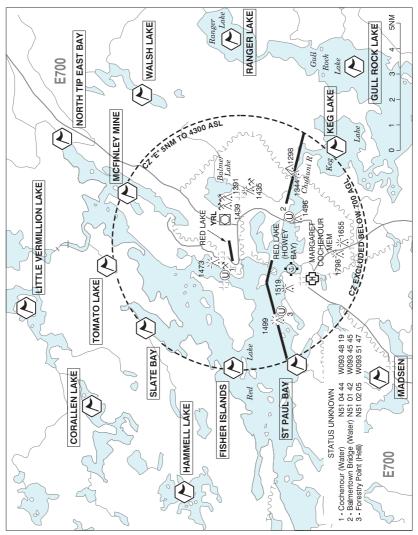
#### RANKIN ISLAND ON — See LAKE MUSKOKA / RANKIN ISLAND

ATF

tfc 123.2 4NM 3600 ASL

#### RAWDON / CAMPING PONTBRIAND (HYDRO) QC CCP5 **REF** N46 03 12 W73 45 22 2WNW ELEV 505 APRX 15°W (2016) UTC-5(4) Elev 505' aprx Q VTA A5002 Ó **OPR** Léon Raymond 514-895-2223 Q Q Fax 450-582-2368 Reg PPR PF C-1,2,3,5 `dock **FLT PLN** (bil) RADIUS 5 N4 FIC Québec 866-GOMÉTÉO or لسسل 866-WXBRIEF (Toll free within Canada) Q or 866-541-4105 (Toll free within Canada & USA) Ó 2600 **SERVICES FUEL** 100LL 6000 A/D DATA Open water May-Oct. Sand bottom. **RCR** COMM

#### **RED LAKE VFR TERMINAL PROCEDURES CHART**



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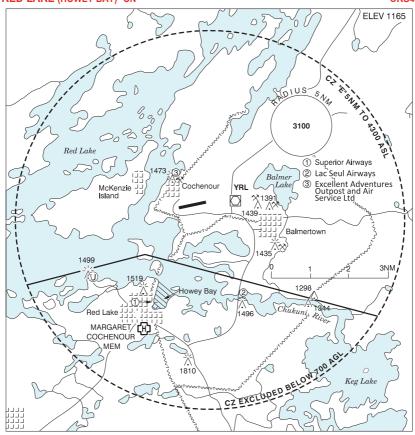
AERODROME/FACILITY DIRECTORY B201

## 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 MCFINLEY MINE	VCMDN	N50° 58' 04" W93° 55' 31"
	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 (HOWEY BAY) ON





	REF	N51 01 35 W93 49 07 Adj NE 0° (2014) UTC-6(5) Elev 1165′ A5007
Ī	OPR	Superior Airways Ltd 807-727-9536 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 FUEL OIL All S 1,2,3,5  A/D DATA Open water mid May-mid Oct. Depth 4', mud bottom. Skipl Howey Bay		All
		Open water mid May-mid Oct. Depth 4', mud bottom. Skiplanes in win. Depth 20+ in Howey Bay
	COMM RCO MF	Kenora rdo 122.3 (FISE) 12-04Z‡ London rdo 123.55 (FISE) 126.7 (bcst) Kenora rdo 12-04Z‡ O/T tfc 122.3 5NM centred on Red Lake land A/D 2.5 NM NE 4300 ASL (CAR 602.98)

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#### AERODROME/FACILITY DIRECTORY B203

RED LAKE (I	RED LAKE (HOWEY BAY) ON (Cont'd) CKS4		
NAV VOR/DME	YRL 114.0 Ch 87 N51 04 17 W93 45 43 (1280')		
PRO	No tkofs or ldgs in Howey Bay hatched area before 13Z‡. Seaplanes taxiing throu this area are to use speed sufficient for steerage way. Avoid flights over town. Cla "E" CZ radius 5NM centred on N51 03 40 W093 47 05 (former RL NDB) exc souther sector, see sketch.		
CAUTION Numerous swimmers & small pleasure craft. Numerous islands. Numerou in vic.			

#### REDSTONE LAKE ON — See WEST GUILFORD / REDSTONE LAKE

RED SUCKE	R LAKE MB	СКТ4	
REF	N54 09 17 W93 33 48 Adj 1°W (2014) UTC-6(5) Elev 720' A5017	ELEV 720	
OPR	Red Sucker Lake Air Svc Ltd 204-469-5388 Reg	4M 6: Aprt	
PF	B-1 C-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)	t reef dock a DIUS 51/m	
SERVICES FUEL S	100LL 5	Red Sucher Lake	
A/D DATA	Open water May 15-Nov 15. Depth 50'.	0 1 2 3 4 5 6000'	
COMM ATF UNICOM ltd hrs O/T tfc 122.8 5NM 380		00 ASL	
NAV NDB	4M 399 (L) N54 10 08 W93 33 47 Pvt Unmonitored		
CAUTION	Reef 0.2NM N of dock. Lgtd twr 1137 ASL (415 AGL) 1.0NM WSW.		

#### 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
 122.2
 296.6 (RAAS)
 12-04Z (N51 15 W102 27)

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#### RENFREW/BLACK DONALD LAKE ON

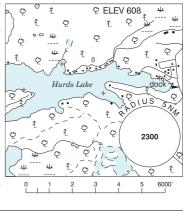
CPK8

REF	N45 12 18 W76 57 24 20SSW 13°W UTC-5(4) Elev 815′ A1905 A5000	t ELEV 815 t
OPR	White Pines Resort 613-752-2884 Reg	t t explus sym
PF	B-1,5 D-2,4,5	£ / 2700
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t t dock 2  Black Donald Lake
SERVICES FUEL OIL S	100LL, MG-1 All 2,4,5	
A/D DATA	Open water May-Nov. Beach.	0 1 2 3 4 5 6000'
COMM	tfc 123.2 5NM 3800 ASL	

#### RENFREW/HURDS LAKE ON

CNL<sub>6</sub>

REF	N45 24 15 W76 38 54 3S 13°W UTC- 5(4) Elev 608′ A1905 A5000	
OPR	Steve Arbuthnot 613-433-9277 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	5	
A/D DATA	Open water May-Nov. Ramp NE tip of lake.	
CAUTION	Lgtd twr 923 ASL 1.2NM NE. Numerous watercraft on sfc.	

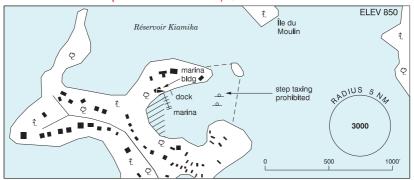


#### RÉSERVOIR GOUIN/POURVOIRIE ESCAPADE QC CGN<sub>5</sub> ELEV 1350 N48 26 08 W74 31 10 REF Q 21SE Obedjiwan 14°W (2021) £ Ç UTC-5(4) Elev 1350' A5009 0 **OPR** Air Tunilik Inc. 514-316-4452 or Brochuŧ. 450-666-3718 Reg PPR Ldg fees Lake PF B-1,2,5,7,8 D-3,4,6 Q . ✓ dock **FLT PLN** (bil) RADIUS 5 N4 FIC Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Q Canada) or 866-541-4105 (Toll free within Canada & USA) 3100 **SERVICES** £ ŧ **FUEL** 100LL, JA-1, MG-1 12-23Z‡ PN OIL 100 2 6000 s 1.4.5.6 A/D DATA Open water mid May - end Oct, sand bottom. **DOCKS** Dock, ramp, beach COMM (bil) **ATF** tfc 122.75 5NM centred on land A/D adj 4400 ASL

#### RÉSERVOIR KIAMIKA (POURVOIRIE CÉCAUREL) QC

CAUTION

CRK3



Small boat tfc. Mountain 1850 ASL aprx 3NM E of A/D

REF	N46 37 20 W75 03 59 7NNW Ste-Véronique 13°W (2023) UTC-5(4) Elev 850' A5000 A5002	
OPR Pourvoirie Cécaurel 819-425-4210 Reg PN		
PF	B-1,5,7 D-3,4	
FLT PLN (bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)		
SERVICES		
S	5	
A/D DATA	Open water May-Oct. Depth at dock 8', end of season 1.5' min. Ramp, beach. Sand bottom. Ltd docking facilities, ctc opr.	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B206 AERODROME/FACILITY DIRECTORY

## RÉSERVOIR KIAMIKA (POURVOIRIE CÉCAUREL) QC (Cont'd)

CRK3

COMM	UNICOM Mon-Fri 13-22Z‡, Sat-Sun 13-01Z‡ 122.7 5NM 3900 ASL excluding Chute-St-Philippe and Ste-Véronique ATF areas.
PRO	Avoid low flying over residences. Step taxiing proh within marked area, see sketch. Proh area W of marina, ctc opr.
CAUTION	Extv boat tfc.

#### REVILO ISLAND ON — See PARRY SOUND / REVILO ISLAND

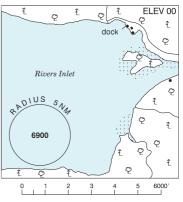
## RICHARDS BEACH ON — See STURGEON BAY / RICHARDS BEACH

#### RIFFLIN' HITCH NL — See EAGLE RIVER / RIFFLIN' HITCH

#### **RIVERS INLET BC**

CAU8

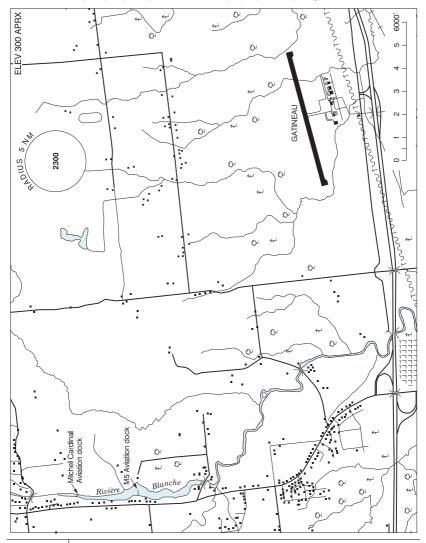
REF	N51 41 W127 15 Adj 19°E (2012) UTC-8(7) Elev 00' A5004	
OPR	TC 604-666-5420 Reg	
PF	C-1	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
SERVICES S	7	
A/D DATA	Rocky bottom, tidal range over 19'.	
COMM	tfc 123.2 2NM 1500 ASL	
CAUTION	Inlet rough in strong inflow winds.	



RIVIÈRE BLANCHE / CARDINAL AVIATION & M5 AVIATION QC — See RIVIÈRE BLANCHE / MICHEL CARDINAL AVIATION & M5 AVIATION

## RIVIÈRE BLANCHE / MICHEL CARDINAL AVIATION & M5 AVIATION QC

CRB7



	REF	N45 32 41 W75 37 40 14°W (2007) UTC-5(4) Elev 300' aprx A1905 A5000 A5002
OPR Michel Cardinal Aviation 819-431-4796 PPR M5 Aviation Inc. 250-884-4862 PPR Reg		M5 Aviation Inc. 250-884-4862 PPR
	FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
ī	SERVICES FUEL	100LL Michel Cardinal Aviation

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B208 AERODROME/FACILITY DIRECTORY

RIVIÈRE BLANCHE / MICHEL CARDINAL AVIATION & M5 AVIATION QC (Cont'd) CRE		
A/D DATA	Open water May-Oct, min depth 15'.	
	(bil) Gatineau rdo 122.3 5NM centred on land A/D, shape irregular 2500 ASL (CAR 602.98) 1130-0215Z‡ O/T tfc 122.3	
VFR ADV	Ottawa tml 127 7	

#### RIVIÈRE L'ACADIE QC — See CARIGNAN / RIVIÈRE L'ACADIE

## RIVIÈRE PICHÉ QC — See VAL-D'OR / RIVIÉRE PICHÉ

## ROCKCLIFFE ON — See OTTAWA / ROCKCLIFFE

#### RONAN AIRCRAFT ON — See BRECHIN / RONAN AIRCRAFT

#### ROSENEATH / LILAC LODGE ON

CLL5

REF	N44 14 37 W78 04 12 3.1N 11°W (2023) UTC-5(4) Elev 613' A5000	ELEV 613
OPR	Craig Juby 416-254-1865 Reg PPR	Lake Lake
PF	B-5	Application of the state of the
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock
A/D DATA	Open water May - Nov	(t) ) t
COMM	Elmhirst's Resort UNICOM ltd hrs O/T tfc 122.8 5NM centred on Keene / Elmhirst's Resort water A/D 1.65 NM WNW 3600 ASL.	0 1 2 3 4 5 6000°
CAUTION	Boat tfc in sum. Nav buoys in area.	

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#### ROUND LAKE (WEAGAMOW LAKE) ON

CKP6

	· ·	
REF	N52 56 54 W91 20 57 Adj 3°W (2014) UTC-6(5) Elev 951' A5017	Q £ Q # £ # Q ELEV 951   Q £/
OPR	Weagamow Corp 807-469-1269 Reg	£
PF	B-1 C-4	1155 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)	dock Ji to Q Q A
SERVICES FUEL OIL S	100LL All 5	2400 Weagamow Lake
A/D DATA	Open water Jun-Oct. Depth 5′, sand beach. Skiplanes in win.	0 2 4 6 8 10 12000'
COMM ATF	Round Lake tfc 123.2 5NM 4000 ASL	
CAUTION	Land A/D 2.5NM E.	

#### ROUYN FSS - RCO

Roberval 122.2 (RAAS) 11-03Z‡ (N48 31 W72 15)

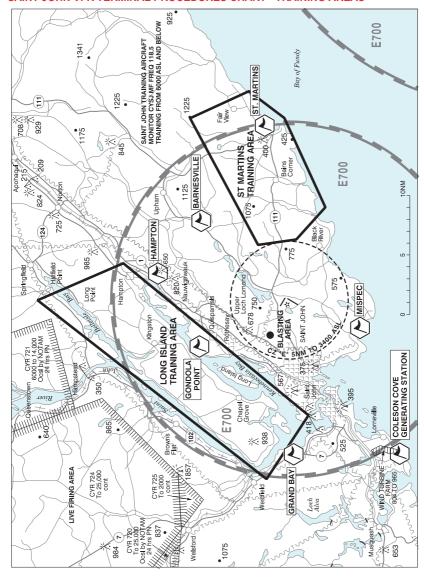
St-Hubert 118.4 (RAAS) 0500-1045Z‡ Tue-Sat, 0300-1045Z‡ Sun-Mon Apr-Oct; 0400-1045Z‡Tue-Sat, 0100-1045Z‡ Sun-Mon Nov-Mar (N45 31 W73 25)

Val-d'Or 118.5 (RAAS) 0325-1030Z‡ (N48 03 W77 47)

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### SABASKONG BAY ON — See NESTOR FALLS / SABASKONG BAY

#### SAINT JOHN VFR TERMINAL PROCEDURES CHART - TRAINING AREAS



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

AERODROME/FACILITY DIRECTORY B211

#### 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 FSS - RCO

Fredericton 119.0 (RAAS) 0245-1045Z‡ (N45 52 W66 32)

ST-ALPHON	SE / LAC CLOUTIER QC	CTC2
REF	N46 10 34 W73 39 13 1.7ESE 15°W (2015) UTC-5(4) Elev 720' VTA A5002	ELEV 720
OPR	Fernand Rivest 450-883-8518 Reg PPR	île Tellier
PF	C-1,2 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)	2900 Lac Cloutier
SERVICES OIL S	100 Emerg only 5	1 2 3 4 5 6000
A/D DATA	Open water May-Nov.	
COMM	tfc 123.5 4NM 3800 ASL	
CAUTION	Marked wires from islands & shore.	<u> </u>

ST-CHARLES-DE-BOURGET QC — See SAGUENAY / ST-CHARLES-DE-BOURGET

#### STE-ANNE-DU-LAC QC

CSP9

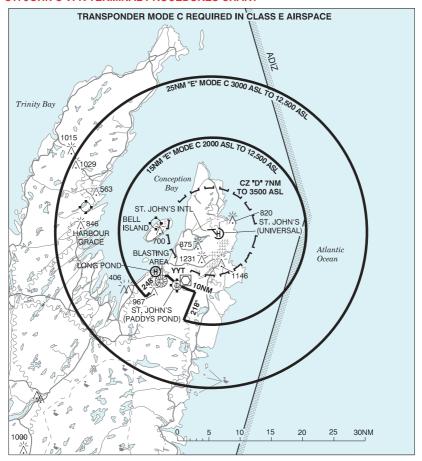
REF	N46 52 55 W75 19 18 Adj N 15°W UTC-5(4) Elev 817' A5002	Lac Tapani ELEV 817
OPR	Air Tamarac Inc 819-586-2220 or 877-222-1298 Reg PPR	3000
PF	B-1 C-2,3,4,5	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	
SERVICES FUEL	100LL PN	t dock to the terms of the term
A/D DATA	Open water May-Oct. Dock depth 3'. Mud bottom.	0 1 2 3 4 5 6000
СОММ		
ATF A/G	UNICOM ltd hrs O/T tfc 122.7 5NM 390 4684 SSB	00 ASL
CAUTION	Rwy adj 0.3NM NW. Common freq.	·

## ST-ÉTIENNE-DES-GRÈS / HYDRAVION AVENTURE QC

CHA2

REF	N46 28 39 W72 46 36 2.5SE 15°W (2014) UTC-5(4) Elev 90' A5002	RADIUS SAME	
OPR	Hydravion Aventure 819-609-9358 Fax 819-535-3169 Reg PPR	2900	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	dock Rimière Samt-Maurice	
SERVICES FUEL OIL	100LL 15W50, W100		
A/D DATA	Open water mid Apr-mid Nov. Dock depth 3', sand bottom, ramp & beach.	0 1 2 3 4 5 6000'	
COMM	(bil) tfc 122.7 5NM 3100 ASL excluding Tro	is-Rivières (CYRQ) MF area	
PRO	Mauricie Common Frequency Area. See Section C Planning. Touch and go forbidden. Rgt hand circuits when tkof and landing to the N (CAR 602.96). g		
CAUTION	Water level varies btwn the 2 dams. Ocsl N46 34 28 W72 43 42 (aprx 7NM NNE f 300' long shoal S of dock when water le		

#### ST. JOHN'S VFR TERMINAL PROCEDURES CHART



## ST. JOHN'S (PADDYS POND) NL

CCQ5

	•	
REF	N47 28 W52 54 5SW 19°W (2013) UTC-3½(2½) Elev 375′ A5012	t ELEV 375
OPR	Avalon Float Plane Association 709-364-2855/690-9486 Reg	of the standard of the standar
PF	C-1,2,3 D-4,5,6	2300
FLT PLN FIC	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.	Paddys Pond  † ++  † ++  † ++  † dock &
SERVICES FUEL S	100LL PN 1day 5	Q · 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°
A/D DATA	Open water May-Nov. Ramps & moorings.	
COMM RCO ATF	London rdo 123.275 (FISE) 126.7 (bcs tfc 123.2 5NM 3400 ASL excluding St.	
NAV VOR/DME	TORBAY YYT 113.5 Ch 82 N47 29	0 07 W52 51 08 (839')
PRO	Bcst/monitor 123.2 when taxiing.	
CAUTION	Strong easterly winds in main pond area	

ST-		QC

CSV9

REF	N45 30 10 W73 15 08 1N 15°W (2014) UTC-5(4) Elev 25' VTA A5002	ELEV 25
OPR	Avn B.L. Inc 450-658-2041 Fax 450-658-3982 Reg	RADIUS 5 NA dock
PF	B-1 13-22Z‡ C-2,3,4,5,6 at adj land A/D	2600 aprt
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 W100, 15W50, 20W50, 25W60 1,2,3,4,5	0 2 4 6 8 10 12000
A/D DATA	Open water mid Apr-Nov. Depth 4', muc	bottom. Asphalt ramps.
COMM	tfc 123.2 5NM below 2000 ASL outside	e CYHU CZ
PRO	Training Areas: See Montréal Terminal VTPC.	
CAUTION	P-lines 155 AGL 0.75NM NE of dock.	

CAUTION

#### ST-MICHEL-DES-SAINTS / LAC KAIAGAMAC QC CLK4 REF N46 39 04 W73 53 39 1.7SSE **ELEV 1190** 15°W (2016) UTC-5(4) Elev 1190' ŧ A5002 Lac Kaiagamac 9 Rock Martel 514-473-3005 Reg **OPR** PPR ŧ. PF C-1,2,3,4,5 **FLT PLN** (bil) dock Ø FIC Québec 866-GOMÉTÉO or RADIUS 866-WXBRIEF (Toll free within Canada) 5 or 866-541-4105 (Toll free within Canada & USA) 3800 **SERVICES** 7 1.4.5 0 Q A/D DATA Open water May-Oct. Mud bottom. 6000 COMM ATF tfc 123.2 5NM 4200 ASL CAUTION Land A/D 4.5NM NW and water A/D 2.3NM N. Common freq. ST-MICHEL-DES-SAINTS / PORT SAINT MICHEL QC CMS<sub>3</sub> REF N46 41 24 W73 53 55 3W **ELEV 1180** Réservoir tkof/ldg areas 15°W (2014) UTC-5(4) Elev 1180' Taureau A5002 Port Saint Michel 514-953-2833, **OPR** 514-557-7223 Reg NOISE 1 ---NO STEF PF C-1,2,3,4,5,6 £ SENSITIVE OAREA & Q **FLT PLN** (bil) RADIUS FIC Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) £. 7 9 or 866-541-4105 (Toll free within Canada & USA) 3500 **SERVICES** PN mid-May to mid-Oct Opr Q **FUEL** 100LL OIL ΑII 6000 4,5,6 A/D DATA Open water May-Nov. Sand bottom. Dock depth 20'. COMM tfc 123.2 5NM 4200 ASL

Land A/D 4NM W. Common freq. Lgtd antennas 1NM S of A/D.

#### ST. PETER'S / CAPE GEORGE NS

**FUEL** 

OIL

100LL

80, 100

CCG6

REF	N45 43 50 W60 48 38 5.2NE 18°W (2017) UTC-4(3) Elev 00' A5003	ELEV 00
OPR	Michael Schinzig 902-535-2627 or 902-577-9304 Reg	Q Q T T Lake
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) (IFR only) Moncton 506-867-7177 or 866-480-8200	t Q dock  t Q t do
SERVICES		Q Î Q
S	7	0 1 2 3 4 5 6000'
A/D DATA	Open water Apr-Nov. Gravel/sand bottom. Dock & ramp.	
COMM ATF	tfc 123.2 5NM 3000 ASL	
STE-VÉRON	IQUE QC	CSW9
REF	N46 30 56 W74 59 19 Adj NNE 15°W UTC-5(4) Elev 823' A5002	PAROIUS 5 PAROIU
OPR	Air Mt-Laurier 1985 819-275-2794 Reg PPR	1 3100 P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PF	B-1,2,3,5 C-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)	Q Lac Tibériade
SERVICES		dock 7

#### 

#### ST. WALERAN ISLAND ON — See PARRY SOUND / ST. WALERAN ISLAND

## SAGUENAY (HARVEY) QC

CSA8

O/ (OOLIN/()	(IIARVEI) QO	OUAU
REF	N48 26 23 W71 07 46 2.5NM WNW 17°W (2014) UTC-5(4) Elev 30' A5010	ELEV 30 t Q arous 5
OPR	10289221 Canada Inc. 514-797-6725 Reg PPR	Saguenay River
PF	C-1,2,3,4,5,6	Q dock
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	5,7	£ Q £ £ Q
A/D DATA	Open water May-Nov. Dock depth 3' during low tide. Tidal range 12', current 3 kt. Rocks and shoal unmarked at low	0 1 2 3 4 5 6000° Lide along the shore.
COMM TWR VFR ADV A/G	Bagotville 126.2 Bagotville Tml 121.2 122.925	
PRO	Refer to Bagotville VTPC Circuits: Right hand circuits when Idg and tkof to E (CAR 602.96) Depart: Obtain appr fr Bagotville TWR (418-677-4000 Ext 7507) at least 5 min before tkof. Broadcast intentions on 126.2 - Bagotville TWR before tkof. Remain at 1000 ASL or BLW until comm with Bagotville TWR is established; ctc TWR even if you leave the CZ at 1000 ASL or below. Avoid CYRC CZ north of the Saguenay River.	
CAUTION	Marked P-lines aprx 250 ASL (110 AGL Frequent low alt heli activity E of Dubuc	

## SAGUENAY / ST-CHARLES-DE-BOURGET QC

CSA5

REF	N48 30 34 W71 27 50 5.8WNW St-Charles-de-Bourget 17°W (2014) UTC-5(4) Elev 230' A5010	ELEV 230 Q RIDIUS 5 NA
OPR	Michel Guay 418-487-4071 Reg PN	2300
PF	D-1,2,3,4,5,6	\$   \qua
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Q RIVIERE SAGUENAV Q
SERVICES S	1,5,7	6 6 6
A/D DATA  DOCKS	Open water May-Nov. Sand and rock bottom. Dock depth 5'. Ramp	0 1 2 3 4 5 6000'
COMM ATF VFR ADV	tfc 123.4 5NM outside Alma MF area 3 Bagotville Tml 121.2	300 ASL
CAUTION	Hvy tng zone N of river freq 123.4. Refe	r to Chicoutimi/St-Honoré VTPC.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

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#### SAKINAW LAKE SOUTH BC — See GARDEN BAY / SAKINAW LAKE SOUTH

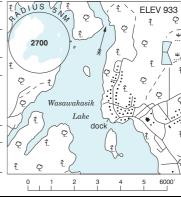
#### SALMON LAKE ON - See PARRY SOUND / SALMON LAKE

SAMBAA K'I	■NT	CEG9
REF	N60 26 32 W121 14 10 21°E (2012) UTC-7(6) Elev 1623′ aprx A5029	ELEV 1623 APRX £
OPR	Sambaa K'e First Nation 867-206-2800 Reg	Sambaa K'e Q Q Q Lake £ Q
PF	C-1,4	Lake t
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	3600 £
SERVICES S	5	dock apri
A/D DATA	Open water mid Jun-mid Oct.	St St St St St
COMM	tfc 123.2 5NM 4600 ASL	0 1 2 3 4 5 6000'

#### SAND POINT LAKE ON CJD6 <sub>₹</sub>ELEV 1119 **REF** N48 20 W92 27 Adj 0° UTC-6(5) Elev 1119' A5007 **OPR** Canada Border Services Agency Portage807-274-4949 Reg Bay ANDIUS **CUST** AOE/15 888-226-7277 13-01Z± 25 Government 15 May -30 Sep, 14-22Z 1 Oct -15 Oct Island **FLT PLN** Pilots to open/close VFR flt plan with 2700 Q London rdo, FISE or by phone FIC London 866-WXBRIEF (Toll free within Sand Point Lake Canada) or 866-541-4104 (Toll free ŧ. Q within Canada & USA) **SERVICES** ŧ 5 Q Q A/D DATA Open water mid May-Nov. Steep shoreline COMM **ATF** tfc 122.8 5NM 4200 ASL **PRO** Close/open Flt Pln thru London FIC-RCO at Atikokan 123.275 above 3000 ASL aprx.

#### SANDY BAY SK CKB5

REF	N55 31 32 W102 19 20 Adj E 8°E (2012) UTC-6 Elev 933' A5016	ADIÚS SIL
OPR	Ross Air Services 306-754-2026 Reg	2700
PF	C-1,2 E-4,5	ŧ.
FLT PLN		Ø €/
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	Wasawa
A/D DATA	Open water May-Oct levels fluctuate.	(3)
COMM		16/
ATF	tfc 122.8 5NM 4000 ASL	t Q t
CAUTION	Land A/D 2.3NM NE.	0 1 2



#### SANDY LAKE ON

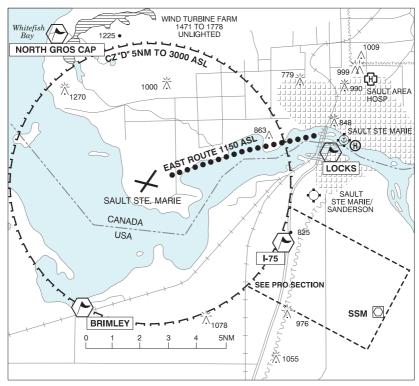
REF	N53 03 W93 20 Adj S 1°W (2014) UTC-6(5) Elev 901' A5017 LO3	2 aprt 1066
OPR	Sandy Lake Seaplane Svcs Ltd 807-774-1219 Reg	docks the contract of
PF	B-1 C-4	Q 1 2 2 1 2 2 1 2 2 1 2 2 1 4 1 2 2 1 4 1 2 2 1 4 1 1 1 1
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Sandy Lake  2400
SERVICES FUEL OIL S	100LL Emerg only 15W50 5	0 2 4 6 8 10 12000'
A/D DATA	Open water May-Oct. Silt bottom, skiplanes in win.	
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 39	00 ASL
NAV NDB	ZSJ 258 (M) N53 04 06 W93 20 41	
CAUTION	Acft arr/dep, land A/D 0.25NM NW may	pass directly over alighting area.

#### **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)

#### 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 ON

CPX8

REF	N46 30 16 W84 19 24 Adj S 7°W UTC-5(4) Elev 580′ A5001	ELEV 580
OPR	Cdn 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)	docks 4 DUS 5 MM
SERVICES FUEL S	12-23Z May-Oct 100LL PN Humphrey Aviation Service 705-542-2590 1,2,3,4,5	CANADA U.S.A. 2800 St Marys River
A/D DATA	Open water May-Nov. Current 5 kt, ramp, slipway	0 1 2 3 4 5 6000'
LIGHTING	Floodlit 24 hrs.	
COMM ATF	tfc 122.7 2NM 3000 ASL	
PRO	See Sault Ste. Marie VTPC.	
CAUTION	Co-lctd heliport, helipads aprx 200' E of docks. High Ivl of tfc in vic Sault, Michigan aprt, also on 122.7. Ramp usage is dependent on Ivl of St. Mary's River. Ctc opr.	

#### **SAULT STE. MARIE FSS-RCO**

**London** 119.4 (RAAS) 0345-1120Z‡ (N43 01 W81 09)

SAULT STE.	MARIE / PARTRIDGE POINT ON	CPP9
REF	N46 30 51 W84 14 54 Adj E 7°W (2023) UTC-5(4) Elev 580' A5001	ELEV 580 £ Partridge Point a
OPR	Mark Dick 705-257-8587 Reg PPR	2400
PF	C-1,2,3,4,5,6,7	2400
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	dock, Lewis Q Point
A/D DATA DOCKS	Open water May-Nov. Ltd moorings (no long-term parking), beach, ramp	Masia Bay t
COMM	tfc 122.7 2NM 3600 ASL	0 1 2 3 4 5 6000'
CAUTION	Heavy boat tfc in St. Mary's River. Heavy tfc vic Sault Michigan aprt.	

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B222 AERODROME/FACILITY DIRECTORY

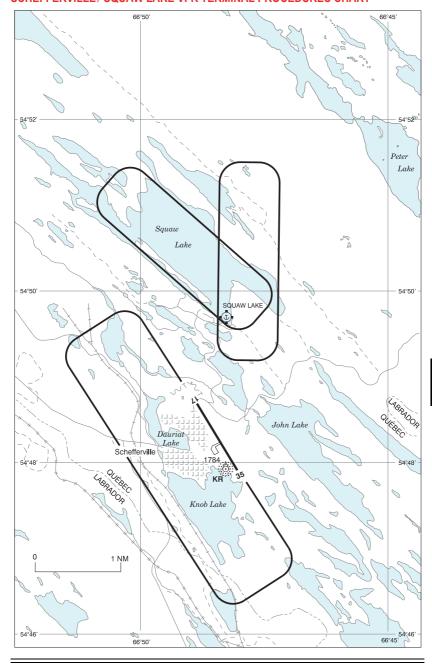
#### **SAVANT LAKE (STURGEON LAKE) ON**

CJP3

<b>5</b> , 11, 11, 11, 12, 11	112 (0101102011 2) III(2) 011	
REF	N50 12 W90 41 3.5SE 2°W UTC-6(5) Elev 1342' A5008	\$\frac{1}{2}  \frac{1}{2}   \frac{1}{2}  \frac{1}{2}  \frac{1}{2}  \frac
OPR	Rusty Myers Flying Svc Ltd 807-788-5224 May-Oct or 866-707-7637 Reg	Q t to Q RADIUS 5 Nt
PF	B-1	1 3200
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)	Sturgeon Lake  †  †  †  †  †  †  †  †  †  †  †  †  †
SERVICES FUEL OIL S	100LL (D), JA-1 All 5	
A/D DATA	Open water mid May-Oct. Sand bottom, dock & beach.	
COMM ATF	tfc 122.8 5NM 4400 ASL	
CAUTION	Twr 1700 ASL 2.5NM NE. Small boat tfo	c. Reef SE.

SAWDUST BAY ON — See NOBEL / SAWDUST BAY

#### SCHEFFERVILLE/SQUAW LAKE VFR TERMINAL PROCEDURES CHART



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B224 AERODROME/FACILITY DIRECTORY

#### SCHEFFERVILLE/SQUAW LAKE QC

CSZ9

REF	N54 49 41 W66 48 05 Adj 22°W (2012) UTC-5(4) Elev 1616' A5019	Lac de la Squaw Q 1
OPR	Norpaq Aviation 418-585-2222 (A/D) or 418-877-4650 (Québec) Reg PPR	t w bytate &
PF	C-1,2,3,4,5,6,7	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	t Lack of US on the target of target of the target of the target of target
SERVICES FUEL S	100LL(D), JA(D) 1,5,6	t 2 4 6 8 10 12000'
A/D DATA DOCKS	Open water mid Jun-mid Oct. Fixed dock	
COMM RCO MF	(bil) Québec rdo (Schefferville) 123.475 tfc 122.2 (without gnd stn) 15NM centre (CAR 602.98) Opr 4545	
PRO	Acft oprg within MF zone should have their ldg lgts on. Tkof & ldg:-Northerly; rgt hand circuits (CAR 602.96)Remain clear of apchs to Rwy 17/35 at Schefferville. (See sketch) -When tkof & ldg in opposite direction;  * Tkof northbound use western portion of lake.  * Ldg southbound use eastern portion of lake (See sketch)	
CAUTION	Hvy land A/D acft activity in area dur Aug water A/D July-Sep.	-Sep. Dense tfc in the region of Squaw Lake

SCIUK'S LANDING ON — See CHANDOS LAKE / SCIUK'S LANDING

SCOTS LAKE NS — See MUSQUODOBOIT HARBOUR / SCOTS LAKE

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#### **SCUGOG / CHARLIES LANDING ON**

CHS4

REF	N44 09 41 W78 49 28 3.12ESE 11°W (2014) UTC-5(4) Elev 816' VTA A5000	ELEV 816 Williams
OPR	Jim Martyn 905-434-9033 Reg PPR	Lake Scugog
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)	Marina dock
SERVICES S	1,4,5	Q 2600
A/D DATA	Open water May-Nov.	
COMM ATF	tfc 123.2 3NM 4000 ASL	0 1 2 3 4 5 6000

#### **SEAGRAVE / NORTH PORT ON**

CNP2

REF	N44 10 00 W78 55 47 2.2SSE 11°W (2021) UTC-5(4) Elev 816' VTA A5000	2 ± ± ± ELEV 816 2 ± ± 2 ± 2  2 ± ± 2 ± 2
OPR	North Port Aerodrome Ltd. 905-809-7953 or 905-447-8768 Reg PPR	Q Q Lake  1
PF	C-1,2,3,4,5,6	dock
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q + + + + + + + + + + + + + + + + + + +
SERVICES FUEL OIL S	100LL Avbl by truck PN All 1,2,3,4,5,6 avbl at adj land A/D	2 1 2 3 4 5 6000°
A/D DATA DOCKS	Open water Mar-Nov. Mud bottom.  Dock with moorings. Depth at dock 3', weed bottom. Ramp.	
COMM	tfc 123.2 3NM 4200 ASL centred on Seagrave/North Port land A/D adj W excluding Greenbank (CNP8) ATF area	
CAUTION	Land A/D adj W. Greenbank land A/D ap	orx 4.1NM WSW.

#### **SEAL COVE BC** — See PRINCE RUPERT / SEAL COVE

SELKIRK ME	•	CKC
REF	N50 10 W96 52 1N 3°E (2014) UTC-6(5) Elev 735' VTA A5007	Road Drain ELEV 735
OPR	Riverside Aircraft Maintenance Ltd 204-482-3270 Reg	Red River
PF	B-1 C-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)	aprt dock t Q
SERVICES FUEL OIL S	100LL All 2,3,5	1 2 3 4 5 6000°
A/D DATA	Open water mid May-mid Nov. Gravel & sand bottom. Beach. Main channel clear on W side of river.	
COMM	UNICOM ltd hrs O/T tfc 122.8 3NM 18	900 ASL
PRO	Winnipeg FIC 866-541-4103 or applicab	Class C airspace (Winnipeg CZ & TCA) cto le FISE freq at least 15 min prior to entering Set transponder to discrete code prior to Andrews VTPC in CFS.
CAUTION	Shoals near shoreline. Land A/D adj W.	
SEPT-ÎLES /	LAC DES RAPIDES QC	CSM
SEPT-ÎLES /	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255' A5010	1 POUS 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	N50 17 56 W66 24 56 19°W (2014)	† 2700 Lac des Rapides † †
REF	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255' A5010 Air Tunilik 418-962-4639/589-9511 Bruno Rioux 418-961-9718 PPR Daniel Desbiens 418-965-6888	2700  Lac des Rapides  1  Paniel  Bruno  Rioux
REF OPR	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255′ A5010 Air Tunilik 418-962-4639/589-9511 Bruno Rioux 418-961-9718 PPR Daniel Desbiens 418-965-6888 Reg	2700  Lac des Rapides
REF OPR PF	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255′ A5010 Air Tunilik 418-962-4639/589-9511 Bruno Rioux 418-961-9718 PPR Daniel Desbiens 418-965-6888 Reg B-1 D-2,3,4,5,6 AOE/15/SEAPL 888-226-7277 1300-	2700  Lac des Rapides  †  Daniel Bruno Rioux  †  Air Saguenay  †  Air Saguenay  †  †
PF CUST FLT PLN	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255′ A5010  Air Tunilik 418-962-4639/589-9511 Bruno Rioux 418-961-9718 PPR Daniel Desbiens 418-965-6888 Reg  B-1 D-2,3,4,5,6  AOE/15/SEAPL 888-226-7277 1300-2130Z‡ Mon-Fri exc hols  (bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within	2700  Lac des Rapides
PF CUST  FLT PLN FIC  SERVICES FUEL OIL	N50 17 56 W66 24 56 19°W (2014) UTC-5(4) Elev 255′ A5010  Air Tunilik 418-962-4639/589-9511 Bruno Rioux 418-961-9718 PPR Daniel Desbiens 418-965-6888 Reg  B-1 D-2,3,4,5,6  AOE/15/SEAPL 888-226-7277 1300-2130Z‡ Mon-Fri exc hols  (bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)  100LL, JA Air Tunilik W100 Air Tunilik	Lac des Rapides  1  1  2700  Lac des Rapides  1  1  1  1  1  1  1  1  1  1  1  1  1

# SEPT-ÎLES / LAC DES RAPIDES QC (Cont'd) NAV DME SEPT-ILES YZV 114.5 Ch 92 N50 13 56 W66 16 26 (210') CAUTION A/D status unkn aprx 0.3NM ESE.

#### SEVERN BRIDGE / BUCK LAKE ON

CBL2

REF	N44 46 18 W79 24 47 3.4W 11°W (2014) UTC-5(4) Elev 709' A5000	ELEV 709  Î Î
OPR	Kevin Betsworth 705-323-7740 Reg PPR	2300
PF	C-1,2,3,5	2
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Buck dock 1 1 1
SERVICES S	1,2,3,4,5	
A/D DATA	Open water mid Apr-Dec. Float plane dock ramp. Ice mid Jan-Mar. Skis and wheels when win conditions permit.	0 1 2 3 4 5 6000'
COMM ATF	tfc 122.8 5NM 3800 ASL	
CAUTION	High terrain E end and S side of lake. S	shallow water to seaplane ramp.

#### SHADOW LAKE (PENNY) ON — See NORLAND / SHADOW LAKE (PENNY)

#### SHADOW LAKE (TROTTER) ON — See NORLAND / SHADOW LAKE (TROTTER)

#### SHAWNIGAN LAKE BC

CAV8

REF	N48 38 W123 38 2S 17°E (2013) UTC-8(7) Elev 380' VTA A5004	t i en DIUS 5/1/2 ELEV 380
OPR	Galley Marina 250-743-1067 17-01Z‡ Reg	t 2 4100
PF	A-2,3 B-1 C-4,5 D-6	£ \$\frac{1}{2}  \frac{1}{2}   \frac{1}{2}   \frac{1}{2}   \frac{1}{2}  \frac{1}{2}   \frac{1}{2}   \frac{1}{2}   \frac{1}{
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Shawnigan Lake dock to the doc
SERVICES FUEL S OIL	100LL, MG-2 17-04Z‡ 4,5 Itd, call ahead.	
A/D DATA	Open water most winters.	0 1 2 3 4 5 6000'
COMM TWR ATF TML	Victoria 14-08Z‡ O/T tfc 119.1 above 14 tfc 123.2 2NM 1400 ASL Victoria 127.8 abv 2500 ASL	100 ASL

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#### B228 AERODROME/FACILITY DIRECTORY

SHAWNIGAN	N LAKE BC (Cont'd) CAV8
NAV NDB VOR/DME	MILL BAY MB 293 (LZ) N48 40 15 W123 32 13 VICTORIA YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1997')
PRO	Ldgs/tkof & taxi speeds in excess of that rqrd to maintain steerage way proh 75' of all shoreline.
CAUTION	Heavy boat tfc May-Oct.

# SHEARWATER BC — See BELLA BELLA / SHEARWATER

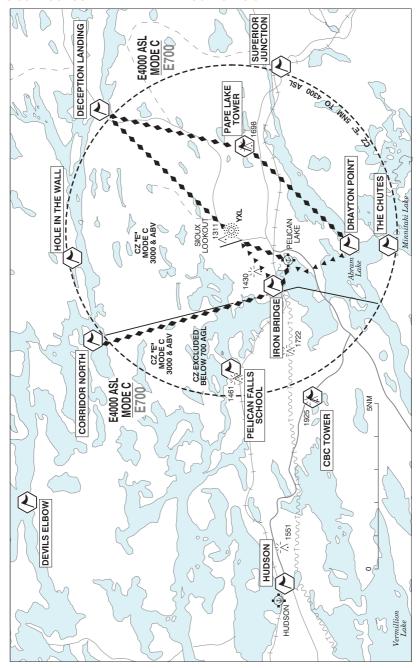
#### SHELL LAKE NT — See INUVIK / SHELL LAKE

SHOAL LAK	Е МВ	СКВ9	
REF	N50 26 W100 36 Adj S 6°E (2016) UTC-6(5) Elev 1800' aprx A5007	ELEV 1800 APRX	
OPR	Shoal Lake Flying Club 204-759-2095 or 204-491-0100 Reg	3300	
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)	dock A This is a second of the	
SERVICES FUEL OIL S	100LL, JA All 5	0 1 2 3 4 5 6000	
A/D DATA	Open water May-Nov. Depth 2-3' at dock. Gravel & sand bottom. Ramp & beach.		
COMM	tfc 122.8 5NM 4900 ASL		
CAUTION	Land A/D 1.5NM N. Lgtd tower 2212 ASL (375 AGL) 1.0NM NW of A/D.		
-			

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SILVER FAL	LS MB	CKJ5
REF	N50 30 W96 06 1S 3°E UTC-6(5) Elev 755′ VTA A5007	\$\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}\frac{1}{1}\frac{1}\fra
OPR	Blue Water Avn Services 204-367-2762 Reg	\$ 2 TW
PF	B-1 C-2,5 D-4	AND SAME
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)	Winnipeg 2200
SERVICES FUEL OIL S	100LL All 5	dock apri 0 1 2 3 4 5 6000°
A/D DATA	Open water May-Oct. Mud bottom, grass island N end of bay. Ramp & beach.	
COMM	tfc 122.9 5NM 3800 ASL	
CAUTION	Land A/D 0.5NM W.	

#### 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:

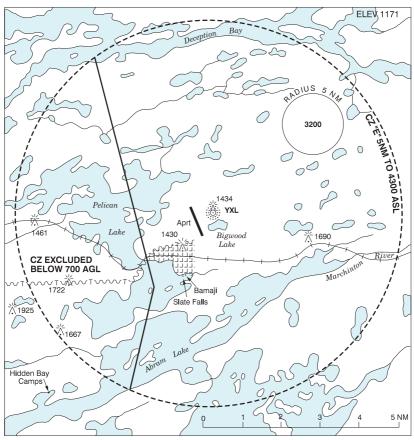
After departure fly to DRAYTON POINT, follow Abram Lake, once clear of MF area, turn on course

#### 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 / PELICAN LAKE ON





REF	N50 05 31 W91 54 45 Adj SE 1°W UTC-6(5) Elev 1171′ A5008	
OPR	Slate Falls Airways 807-737-3640 or 800-375-0369 Reg; Bamaji Air Ltd 807-737-1020	
PF	B-1,2,3,7 C-4,5,6,8	
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)	
SERVICES FUEL OIL S	100LL, JA (FSII avbl), JB All 1,2,5,6	
A/D DATA	Open water mid May-Nov. Marina at far east end of seaplane bay. Skiplanes in win. Rwy marked. PPR. Only pilots familiar with skiplane strip should use this A/D in win.	

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AERODROME/FACILITY DIRECTORY B233

SIOUX LOOK	(OUT / PELICAN LAKE ON (Cont'd) CKA6
COMM RADIO RCO MF ATIS UNICOM	London 126.0 (FISE) 126.7 (bcst) Sioux Lookout rdo 122.0 5NM centred on Sioux Lookout land A/D 1.4NM NNE 4300 ASL (CAR 602.98) 124.75 for land A/D
NAV NDB DME	YXL 346 (M) N50 07 06 W91 53 52 YLO 113.1 Ch 78 N50 07 04 W91 53 55 (1302')
PRO	Class "E" CZ radius 5NM centred on YXL NDB exc W sector, see chart A5008. Follow VFR ARR/DEP ROUTES - See VTPC. Transponder Mode C required within CZ 3000 ASL and abv.
CAUTION	High tension line & bridge across north inlet. Lgtd twr 1461 ASL 1.5NM W. Painted & Igtd twr 1925 ASL (575 AGL) 5NM SW. Shoals marked by buoys & islands visible from the air. Submerged rock in ctr of Bigwood Lake (adj E of land A/D) aprx 330' fr E shoreline dur low water. P-line along shoreline at E end of bay with seaplane docks, partially marked with ball markers. A/D lies under high volume approach/departure path of Sioux Lookout land A/D 1.4NM NNE. Model acft activity 5.1NM WSW of A/D (N50 03 17 W92 01 55) max alt 500 AGL.

#### SIOUX LOOKOUT FSS - RCO

**Dryden** 122.1 (RAAS) (N49 52 W92 51)

## SIX MILE LAKE (HUNGRY BAY) ON

CML6

REF	N44 54 59 W79 43 16 7S 11°W UTC-5(4) Elev 622' A5000	RADIUS 5 NA E ELEV 622
OPR	Earle Robinson 705-646-2443 or 705-646-7740 Reg PPR	3100
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)	dock Him gy Boy
SERVICES S	7	
A/D DATA	Open water May-Nov	Six Mile Lake
COMM ATF	tfc 122.8 5NM 3700 ASL	0 1 2 3 4 5 6000'
CAUTION	Lgtd TV tower 1829 ASL 4.2NM NW	

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B234 AERODROME/FACILITY DIRECTORY

#### SIX MILE LAKE (SOUTH) ON

CSM6

REF	N44 53 09 W79 44 22 3.46WSW 11°W (2014) UTC-5(4) Elev 622' A5000	ELEV 622 1 Six Mile 0 Lake
OPR	Peter Stewart 905-379-5263 Reg	thorney thorney
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)	t dock to the state of the stat
SERVICES S	7	2 2 3100
A/D DATA	Open water Apr-Oct, mud sand bottom, depth 4'	
СОММ		
ATF	tfc 122.8 5NM 3700 ASL	
CAUTION	Lgtd TV twr 1829 ASL 5.4NM N	·
-		

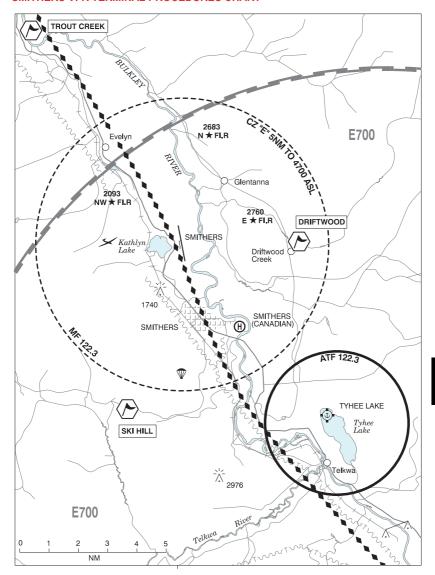
#### **SKELETON LAKE ON**

CPQ7

REF	N45 13 55 W79 26 10 5WNW Utterson 11°W UTC-5(4) Elev 920' A5000	AADIUS 512	ELEV 920
OPR	Wilson's Lodge 705-733-5310 Reg	2900 Skele	ton
PF	B-1,2,5 D-3,4	Lake	(a) (c) (c)
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)		
SERVICES S	May-mid Oct SR-SS 5	0 docks	\tau \ \Q \ \Q\\\tau \\\tau \\\\\\\\\\\\\\\\\\\\\\\\\\
A/D DATA	Open water May-mid Oct.	ŧ	1
CAUTION	Boat dock 100' W of plane dock.	Q · t	t. Q
		0 1 2 3	4 5 6000

# SMITH BAY ON — See MACTIER / SMITH BAY

#### 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"

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B236 AERODROME/FACILITY DIRECTORY

## SMITHERS/TYHEE LAKE BC

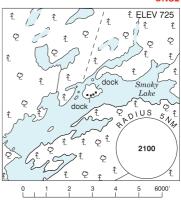
CAX8

REF	N54 43 W127 03 Adj E 20°E (2012) UTC-8(7) Elev 1640' A5013	2 · · · · · · · · · · · · · · · · · · ·
OPR	Alpine Lakes Air 250-846-9488 Reg	dock
PF	B-1 C-2 D-3,4,5,6	Tyhee or Creek
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	t t Lake Q
SERVICES S	PN (Note: Prior notice is applicable to all svcs)	
A/D DATA	Open water May-mid Nov. Depth 3' near dock, mud bottom. Skiplanes in win.	1 Q t Q
COMM	Smithers rdo 122.3 2NM 3200 ASL	
NAV VOR/DME	HOUSTON YYD 114.7 Ch 94 N54	27 08 W126 39 03 (4191')

SMOKY LAKE ON

CNS2

REF	N45 51 W80 13 12SW Port Loring 11°W UTC-5(4) Elev 725′ A5000 A5001	
OPR	Tornado's Canadian Resorts Inc 705-757-2050 Reg PPR	
PF	B-1,2,5 (Jun-Sep)	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
A/D DATA	Open water May-mid Nov.	
COMM	tfc 122.8 5NM 3700 ASL	
CAUTION	Use NE dock dur high westerly winds and rough wx.	



SNIDERS BAY ON — See GRAVENHURST / SNIDERS BAY

SNOW LAKE	МВ	CKM5
REF	N54 53 W100 02 Adj W 7°E UTC-6(5) Elev 890' A5016	ELEV 890
OPR	Gogal Air Svc 204-358-2259 Reg	++1111
PF	B-1 C-2,4,5	- J-
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)	Snow Lake dock 1400
SERVICES S	5	2700
A/D DATA	Open water mid May-Oct. Skiplanes in win.	+ 5000
СОММ		- 0 1 2 3 4 5 6000'
ATF	tfc 122.8 5NM 4000 ASL	
CAUTION	Twr 1400 ASL in townsite.	

#### SOUTH BROOK NL CCT5 ELEV 17 **REF** N49 01 W57 38 20°W (2013) UTC-31/2(21/2) Elev 17' A5011 A5012 £ **OPR** Air Sport Inc 709-686-2521 (Sep-Oct only) Reg PPR PF B-1 D-2,3,4,5 Deer Lake **FLT PLN** AADIUS FIC London 866-WXBRIEF (Toll free within 5NA Canada) or 866-541-4104 (Toll free within Canada & USA) ACC (IFR only) Gander 709-651-5225 or 3200 888-751-5225. dock **SERVICES FUEL** 100LL boom OIL 6000 0 A/D DATA Open water May-mid Nov. Ops Itd to Sep-Oct only. COMM **RCO** London rdo (Deer Lake) 123.375 (FISE) 126.7 (bcst) tfc 123.2 5NM 3000 ASL ATF

#### **SOUTH PORTAGE ON — See DWIGHT / SOUTH PORTAGE**

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B238 AERODROME/FACILITY DIRECTORY

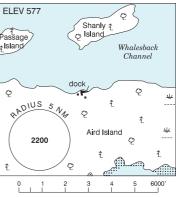
SOUTHEND	SK	CKP5
REF	N56 20 16 W103 17 02 2W 9°E (2012)	£ 2 £ 2 ELEV 1106

REF	N56 20 16 W103 17 02 2W 9°E (2012) UTC-6 Elev 1106' A5016 A5024	ELEV 1106()
OPR	Lawrence Bay Airways Ltd 306-758-2060 Jun 1-Sep 30 701-262-4560 Oct 1-May 31 Reg	2800
PF	C-1,2,4	Reindeer Lake
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	dock the total tot
SERVICES FUEL S	Avbl Jun 1-Sep 30 100LL 5	
A/D DATA	Open water mid May-mid Nov. Depth 10'. Rock & silt bottom.	0 2 4 6 8 10 12000'
СОММ		
ATF	tfc 123.2 5NM 4200 ASL	
CAUTION	Lgtd twr 1475 ASL (170 AGL) 2.5NM W. across channel. Adj land A/D.	Use caution when ldg at village, cable spans

#### SPANISH/AIRD ISLAND ON

CRD8

REF	N46 08 35 W82 24 52 4.3SW 9°W (2022) UTC-5(4) Elev 577' A5000 A5001	ELEV 577
OPR	National Heritage Brands Inc 416-402-4800 Reg	Island
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Q doo
A/D DATA  DOCKS	Open water April-Nov, depth 3-4'. Ski ops dur win months, no win maint. Dock, sandy beach.	2200
СОММ		£ P
ATF	tfc 122.8 5NM 3600 ASL	0 1 2
CAUTION	Rough water in W winds.	



#### **SPARROW LAKE ON — See PORT STANTON / SPARROW LAKE**

SPIRIT BAY ON — See LAKE MUSKOKA / SPIRIT BAY

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### SPOUT LAKE BC CSU6 ADIUS 5 Ny REF **ELEV 3560** N52 00 27 W121 26 41 18°E (2012) UTC-8(7) Elev 3560' A5004 A5014 Q ද Ten-ee-ah Lodge 250-434-9745 7 **OPR** 6200 ŧ. Fax 866-860-7899 Reg docks PF B-1.2.5 ŧ tkof and Idg area **FLT PLN** ىيد 7 علد Kamloops 866-WXBRIEF (Toll free Q within Canada) or 866-541-4101 (Toll free within Canada & USA) 7 **SERVICES** Q Spout Lake **FUEL** 100LL. MG-1 PN عيد OIL All PN S 4.5 0 Q A/D DATA Mid May-Oct, min water depth 3' at 8 12000 dock and NE part of lake, mud bottom. Area may be used for ski ops dur win months. COMM **ATF** tfc 123.2 5NM 6600 ASL SPRINGDALE/DAVIS POND NL CDU4 ELEV 80 N49 33 W56 03 3N 20°W (2014) **REF** UTC-31/2(21/2) Elev 80' A5011 A5012 7 Q **OPR** Springdale Avn Ltd 709-673-3272 Reg Davis Pond Q **PPR** £ PF B-1 D-2.3.5 Ç 0

#### **FLT PLN** Q Ó FIC London 866-WXBRIEF (Toll free within ~ ~\US Q Q RAD 5 Ny Canada) or 866-541-4104 (Toll free dock within Canada & USA) (IFR only) Gander 709-651-5225 or ACC 888-751-5225. 2100 ද **SERVICES** Q **FUEL** 100LL PN Ç ŧ All PN OIL 6000 S 5 A/D DATA Open water Jun-Nov. Beach & ramps. COMM **ATF** tfc 123.2 5NM 3100 ASL

#### SPROAT LAKE BC — See PORT ALBERNI / SPROAT LAKE

#### SPROAT LAKE LANDING BC See PORT ALBERNI / SPROAT LAKE LANDING

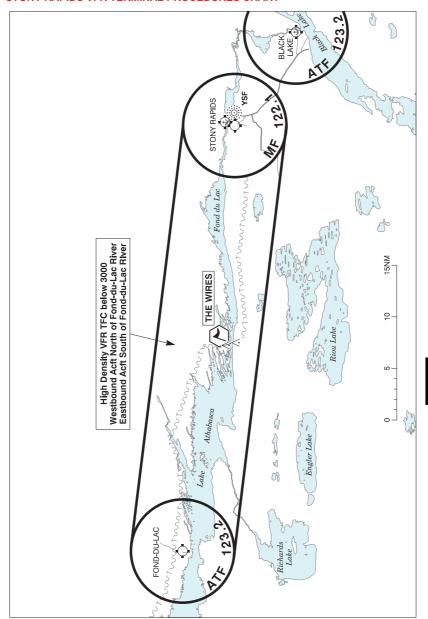
#### SQUAW LAKE QC — See SCHEFFERVILLE / SQUAW LAKE

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### STAUNTON LAKE ON CKK8 **REF** N50 22 59 W90 39 31 3°W (2014) **ELEV 1365** ŧ. Ç Q Ó UTC-6(5) Elev 1365' A5008 Ó Q ŧ £ **OPR** Latto's Fishing Lodge 807-584-2230 (sum) 807-708-4620 (win) Reg ę Q 00 PF B-1,5 D-2,3,5 ŧ. Q Q Ó **FLT PLN** Pilots to open/close VFR flt plan with ŧ. London rdo, FISE or by phone AADIUS £ £ FIC London 866-WXBRIEF (Toll free within Staunton Canada) or 866-541-4104 (Toll free Lake Ó within Canada & USA) 2900 Q ŧ **SERVICES** 100LL, JB, DFA 80, 100, 15/50 **FUEL** Ó OIL 20 1,4,5 2 6000 A/D DATA Open water mid May-Oct. COMM ATF tfc 122.8 5NM 4400 ASL

STEWART B	C	CAC9
REF	N55 55 W130 00 1S 20°E (2012) UTC-8(7) Elev 00' A5013	ELEV 00 DIUS 5 NA Q
OPR	District of Stewart 250-636-2251 Reg For Icl info ctc Harbour mgr 250-636-2381	Q 1 dock 8200
PF	B-1 C-2,4,5	[:- t
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Power of the STATE
SERVICES FUEL	JA (D) PN Granman Svcs 250-636-2402, pilot must supply own	HYDER dock
s	pump 7	0 1 2 3 4 5 6000'
A/D DATA	Open water mid Feb-mid Dec. Tidal range 25'.	
COMM ATF A/G	tfc 123.2 5NM 3000 ASL 3488 5460 Harbour Air	
CAUTION	Land A/D 1NM N.	

# STONY RAPIDS VFR TERMINAL PROCEDURES CHART



NAME	IDENT	LAT/LONG
THE WIRES	VCWRS	N59° 15' 25" W106° 31' 44"

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B242 AERODROME/FACILITY DIRECTORY

#### STONY RAPIDS SK CKW5 ELEV 686 Q REF N59 15 36 W105 49 52 Adj N 11°E (2012) UTC-6 Elev 686' A5023 Fond du lac River **OPR** Wings Over Kississing 306-987-0335 Reg AD clsd Oct 1-May 31 # Q PF B-1 C-2,3,4,5,6 Q \ U S **FLT PLN** Edmonton 866-WXBRIEF (Toll free YSF 935 within Canada) or 866-541-4102 (Toll 2800 free within Canada & USA) Q **SERVICES FUEL** 100LL, JA-1 7 aprt ŧ. OIL ΑII ŧ Q Q علد علد S 5 Q 6000 A/D DATA Open water Jun-mid Oct. Strong East-West current in docking area S shore. Water level and current speed vary with wind direction and rainfall. Dock. 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 centred on Stony Rapids land A/D adj 3900 ASL (CAR 602.98) PAL Winnipeg Ctr 124.475 NAV **NDB** YSF 287 (M) N59 15 20 W105 50 10

#### STUART RIVER BC — See FORT ST. JAMES / STUART RIVER

## STURGEON BAY / RICHARDS BEACH ON

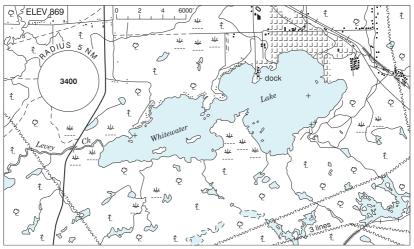
CRB6

REF	N44 44 16 W79 44 50 Adj NW 11°W (2019) UTC-5(4) Elev 548 A5000	ELEV 548  Sturgeon  Bay
OPR	Ron Simpson / Ryan Simpson 705-534-0052 Reg PN	Caswell's Peach
PF	B-1	Sturgeon & Beach
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t QQ dock
A/D DATA	Open water May-Nov. Sand beach. Depth at dock 4'. Sand bottom. Ski ops dur win.	t t o t o t o
COMM	tfc 122.8 2NM 3600 ASL	0 1 2 3 4 5 6000'
PRO	Circuits over water.	
CAUTION	Rising terrain and P-lines SE end of Stu	rgeon Bay. Lgt twr 700 ASL 0.75NM SE.

## STURGEON LAKE ON — See FENELON FALLS / STURGEON LAKE

## SUDBURY / AZILDA ON





REF	N46 32 W81 08 5NW Sudbury 10°W UTC-5(4) Elev 869′ A5000 A5001	
OPR	True North Airways 705-983-4255 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)	
SERVICES FUEL OIL S	100LL, JA W100, 15W50 2,3,4,5,6	
A/D DATA	Open water May-mid Nov. N-S & E-W rwys marked on snow packed ice mid Dec-mid Apr ctc Opr.	
COMM RCO ATF	London rdo 123.475 (FISE) 126.7 (bcst) Whitewater UNICOM 13-22Z‡ O/T tfc 122.8 5NM 3900 ASL	
NAV DME	YSB 112.3 Ch 70 N46 37 45 W80 47 54	
CAUTION	Lgtd twrs to 2044 ASL 5.2NM SE. Lgtd twr to 1305 ASL 1.8NM E. White painted water twr 0.5NM N on top of hill, hgt unknown. Twr 1226 ASL 2.3NM NW. Extv float/ski/heli tfc in vic of Sudbury Hosp heli (CSL8) and Coniston (CSC9).	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B244 AERODROME/FACILITY DIRECTORY

# SUDBURY / LONG LAKE (WAVY) ON

CLL6

OODDOI(17	LONG EARL (WATT) OR	OLLO
REF	N46 24 21 W81 01 57 5.4SSW 10°W (2023) UTC-5(4) Elev 751' A5000 A5001	t ELEV 751
OPR	Fisher Wavy Inc. 705-688-4411 Reg PPR	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Long Lake docks docks AVA &
A/D DATA	Open water Apr-Nov. Ski ops dur win months, no win maint.	Island Q
COMM		6 6 6
ATF	tfc 122.8 5NM 3900 ASL	1 1 1
CAUTION	Heavy boat tfc during sum. Heavy snowmobile/vehicle tfc dur win.	0 1 2 3 4 5 6000'

## SUDBURY / RAMSEY LAKE ON

CNB8

REF	N46 29 12 W80 57 32 1.4ESE 10°W (2018) UTC-5(4) Elev 810' A5000 A5001	t C t Minnow C t
OPR	David Chisholm 705-662-1609 Reg PPR	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	RAMSEY LAKE RADIUS 5 1/2
A/D DATA	Open water May-Nov	A STATE OF THE STA
COMM	tfc 123.0 5NM centred on Sudbury (Health Sciences North) 1.9NM WSW 4000 ASL, excluding the Azilda ATF area	0 1 2 3 4 5 6000°
CAUTION	Extv float/ski/helicopter tfc in vic Azilda,	ATF 122.8. See Sudbury VTPC.

#### SULLIVAN BAY BC CAV5 ( RADIUS REF N50 53 08 W126 49 37 Adj N 5N4 ELEV 00 18°E (2014) UTC-8(7) Elev 00' **OPR** Broughton Island Ventures Ltd 4900 604-484-9193 Rea Sutlej Channel PF B-1,2 D-3,4,5,6 (15 May-1 Oct) Ç **FLT PLN** Q £ **FIC** Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll Sullivan Bay Q ŧ free within Canada & USA) dock **SERVICES** Q Q ŧ. MG-2 S 4,5 Q # 6000 COMM **ATF** tfc 123.2 2NM 1500 ASL CAUTION Extensive boat activity in area.

#### **SURGE NARROWS BC** CAG9 REF N50 13 W125 07 Adj NW 18°E (2012) ELEV 00 UTC-8(7) Elev 00' A5004 ŧ **OPR** Strathcona Regional District 877-830-2990 Reg dock PF B-1 **FLT PLN** 1 ŧ **FIC** Kamloops 866-WXBRIEF (Toll free ADIUS within Canada) or 866-541-4101 (Toll 5 N2 free within Canada & USA) Hoskyn Channel ŧ **SERVICES** 4200 s 7 COMM ŧ ŧ **ATF** tfc 123.2 2NM 1500 ASL NAV **NDB** CAMPBELL RIVER YBL 203 (LZ) N50 00 23 W125 21 27 CAUTION Moderate current at dock under certain tidal cond. A/D within CYA 112(A) to 4500 cont days.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

#### B246 AERODROME/FACILITY DIRECTORY

CAUTION

TAHSIS BC		CAL9
REF	N49 55 24 W126 39 17 Adj S 18°E (2012) UTC-8(7) Elev 00' A5004	t Q t Q ELEV 00 Q ELEV 00 Q
OPR	The Village of Tahsis 250-934-6344 Reg	Q 7300
PF	B-1 D-2,3,5	ramp
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Tahsis Inlet Q 1
SERVICES S	7	£ 5 £
A/D DATA	Ramp. Tidal range 14'.	Q 1 (Q 1)
COMM ATF	tfc 123.2 2NM 1500 ASL	0 1 2 3 4 5 6000'

Heavy swells in strong inflow wind cond. Heliport 1NM N.

#### TAKLA LANDING BC CAZ3 AADIUS ELEV 2260 **REF** N55 30 W125 59 20°E (2012) 5N4 UTC-8(7) Elev 2260' A5013' **OPR** Takla Trading Post Reg 7400 Radio tel H422772 Mount Dixon Chan Mon-Sat 09-12 lcl, 13-17 lcl; Sun 12-17 lcl dock Taklaŧ. PF C-1 E-3,5,6 Lake**FLT PLN** Çŧ FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) ŧ. **SERVICES** 100, JB in drums, pump rgrd **FUEL** ŧ 12000 A/D DATA Open water May-mid Dec. Depth 5', skiplanes in win. COMM **ATF** tfc 123.2 2NM 3800 ASL **CAUTION** Average high wind creates 18" waves.

#### **TALTHEILEI NARROWS NT**

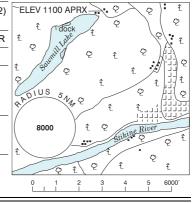
CED9

.,	TO THE COURT OF TH	0250
REF	N62 36 W111 31 16°E (2012) GV132°E UTC-7(6) Elev 514' A5030	ELEV 514  O McLeod Bay
OPR	Plummers Great Slave Lake Lodge 204-774-5775 Reg PPR	2600 (Great Slave Lake)
PF	C-2,5 PN	
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	aprt dock zanatus de la constant dock
A/D DATA	Open water Jun-Sep.	Lodge
COMM	UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL	
	J	0 1 2 3 4 5 6000'

# TELEGRAPH CREEK BC

CAH9

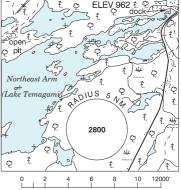
REF	N57 54 W131 11 1WSW 21°E (2012) UTC-8(7) Elev 1100' aprx A5021
OPR	Graham Air 250-235-3701 Reg PPR
PF	B-3,5 C-1,2,4
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES FUEL S	May-Oct 100 4,5
COMM	tfc 123.2 5NM 4100 ASL



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- 1 -	MAGAM	I UN

CNC8

REF	N47 03 45 W79 47 36 2SW 12°W UTC-5(4) Elev 962' A5001	
OPR	Lakeland Airways Ltd 705-569-3455 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)	
SERVICES S PVT ADV	7 127.5 Lakeland Airways Ltd	
A/D DATA	Open water May-Oct. Wharf, ramp & buoys.	



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

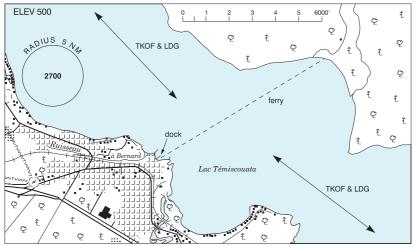
#### B248 AERODROME/FACILITY DIRECTORY

	TEMAGAMI ON (Cont'd)		ON (Cont'd)	CNC8
	СОММ		// 107 5 5111 1000 101	
		AIF	tfc 127.5 5NM 4000 ASL	
Ĺ	CAUTIO	N	Lgtd twr 1316 ASL (298 AGL) aprx 0.4NM NNE.	

#### **TEMAGAMI / MINE LANDING ON** CTM<sub>2</sub> ELEV 962 REF N46 57 37 W80 01 23 11.5SW 11°W ADIUS 5 Ny UTC-5(4) Elev 962' A5001 **OPR** CANUSA Vacations 705-237-8965 Reg PN 2600 B-1,2 C-2 Temagami PF **FLT PLN** London 866-WXBRIEF (Toll free within ŧ Canada) or 866-541-4104 (Toll free within Canada & USA) a Bay Open water May-Nov. Dock. A/D DATA Shiningwood COMM **ATF** tfc 127.5 5NM 4000 ASL Denedus Point **PRO** Pilots are requested to maintain a min of 6000 1000 AGL flying over Lake Temagami weather permitting. Heavy boat tfc during sum. Heavy snowmobile/vehicle tfc dur win. CAUTION

#### TÉMISCOUATA-SUR-LE-LAC QC

CTM8



REF	N47 41 05 W68 52 31 Adj ENE 18°W (2014) UTC-5(4) Elev 500′ A5002	
OPR	Joselito Fournier 418-709-3538 Reg PN	
PF	C-1,2,3,4,5,6	
FLT PLN FIC	(bil)  C Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

AERODROME/FACILITY DIRECTORY B249

TEMISCOUATA-SUR-LE-LAC QC (Cont'd)	
SERVICES FUEL OIL S	Opr PN 24 hrs 100LL PN 100 4,5,6
A/D DATA DOCKS	Open water May-Oct Dock depth 4'. Beach & ramp. Dock space ltd. Ctc opr.
COMM ATF	tfc 123.2 5NM 3500 ASL
PRO	Right hand circuits for tkof & ldgs from the N (CAR 602.96). Tkof & ldg areas outside ferry path. Check ferry position before proceeding.
CAUTION	Ultralight acft 1NM SSE. Ferry dock next to A/D. Many pleasure crafts. Water rough in N winds.

## TERRACE FSS - RCO

**Sandspit** 122.3 (RAAS) 296.2 (RAAS) (N53 15 W131 48)

THOMPSON	MB	CKD6
REF	N55 45 W97 50 Adj E 3°E (2013) UTC-6(5) Elev 596' A5016	\$\frac{1}{2} \frac{1}{2}   \frac{1}{2}   \frac{1}{2}   \frac{1}{2}  \frac{1}{2}
OPR	Wings Over Kississing 204-778-8225 Reg	2500
PF	B-1 C-2,3,4,5,6	t t
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)	Q Q Q W Authurd Q Q Jorden Co
SERVICES S PVT ADV	Call out chg may be levied for one or more svcs 5 Shell (at land A/D) 122.95 204-677-2337	dock 8 1 5 2 3 4 5 6000
A/D DATA	Open water mid May-mid Oct.	-
COMM  RADIO  RCO  ATIS  MF  UNICOM	122.5 (V) at land A/D 3.2NM NNW (emerg only 204-677-6979) Edmonton rdo 123.55 (FISE) 126.7 (bcst) 127.65 Thompson rdo 122.5 5NM centred on Thompson land A/D 3.2NM NNW 4000 ASL (CAR 602.98) 122.8	
NAV VOR/DME	YTH 112.9 Ch 76 N55 48 40 W97 4	9 30 (796′)
CAUTION		and A/D 3.2NM NNW. Extv ultralight tfc in vic, 310 rad, 10 to 20 DME, fr sfc to 3000 ASL

A/D DATA

#### THORBURN LAKE NL CCW5 ⇔ ELEV Ç 7 REF N48 16 W54 09 20°W (2012) 350 Ç UTC-31/2(21/2) Elev 350' A5012 7 dock Q Q Q Q **OPR** Clarenville Avn Ltd 709-543-2274 7 Reg PN ŧ 7 Clarenville Thorburn Avn Ltd 709-466-7823/7046 Q dock Avn Q Reg PN Thorburn Avn Q PF C-1,2 D-1,2,3,4,5,6 Q Thorburn Lake 7 RADIUS **FLT PLN** 5 Ny FIC London 866-WXBRIEF (Toll free within £ Canada) or 866-541-4104 (Toll free Ç within Canada & USA) 2300 ACC (IFR only) Gander 709-651-5225 or 888-751-5225. 0 0 **SERVICES** Thorburn Avn Ltd 6000 FUEL 100LL OIL ΔII 1.2.4.5

Open water mid Apr-mid Nov. Depth 8', ramp, mooring & beaching in front of hg.

#### THUNDER BAY ON CKE6 REF **ELEV 601** N48 27 W89 10 Adj NE 3°W UTC-5(4) Elev 601, A5001 A5008 **OPR** Lakehead Aviation 807-683-8081 Reg; Wilderness North Air Bare Point 807-983-2047 Reg: Harbour Comm 807-344-3594 dock AADIUS 5N4 PF B-1 C-2,3,4,5,6 CUST AOE/15/SEAPL 888-226-7277 3600 **FLT PLN** Pilots to open/close VFR flt plan with London rdo, FISE or by phone FIC London 866-WXBRIEF (Toll free within Thunder Bay Harbour Canada) or 866-541-4104 (Toll free (Lake Superior) within Canada & USA) SERVICES 12000 **FUEL** 100LL OIL ΑII 2.3.5 A/D DATA Open water mid May-mid Nov. Mud bottom, wharfs. Skiplanes in win. COMM ATF tfc 122.8 5NM 3600 ASL excluding Thunder Bay CZ 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') CAUTION Heavy swells. Land A/D 7.8NM SW. Exposed to S & E winds with heavy seas. Extv flt tng within 35NM W & N of CYQT CZ to 6000 ASL.

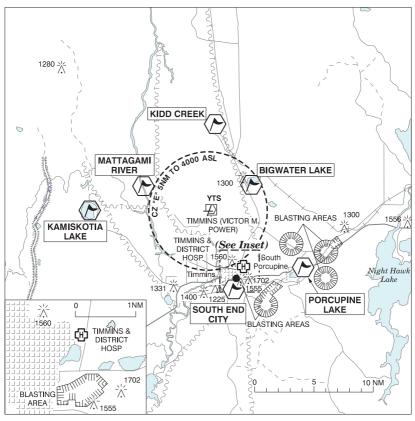
#### THUNDER BAY FSS - RCO

Island Lake 122.2 (RAAS) (N53 51 W94 39)

Pickle Lake 122.2 (RAAS) 11-02Z (N51 27 W90 13)

#### THUNDER BAY / TWO ISLAND LAKE ON CTI2 ADIUS 5 N48 41 15 W89 21 36 19N REF ELEV 1455 4°W (2018) UTC-5(4) Elev 1455' A5001 A5008 ŧ. ŧ **OPR** Donald R. Plumridge 807-767-5586 or 3000 807-355-6830 Rea ŧ. 9 **FLT PLN** Pilots to open/close VFR flt plan with Q Q London rdo, FISE or by phone Q ŧ dock FIC London 866-WXBRIEF (Toll free within Q ŧ Canada) or 866-541-4104 (Toll free Q within Canada & USA) 7 A/D DATA Open water May 10-Nov 15 Two Island Lake 6000

#### TIMMINS VFR TERMINAL PROCEDURES CHART



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B252 AERODROME/FACILITY DIRECTORY

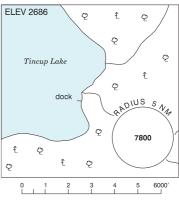
#### TIMMINS VFR TERMINAL PROCEDURES CHART

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 FSS-RCO

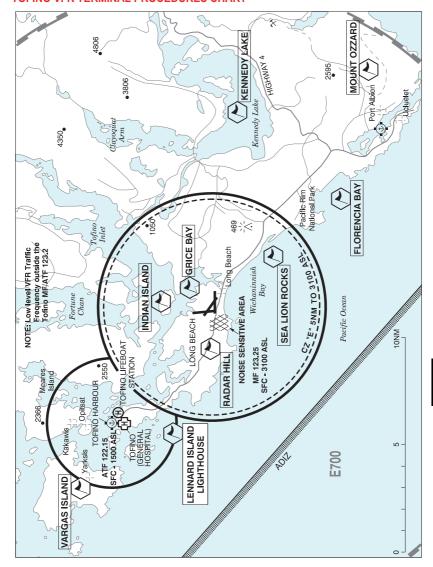
Moosonee 122.5 (RAAS) 12-02Z‡ (N51 17 W80 38) Muskoka 122.3 (RAAS) (N44 58 W79 18)

TINCUP LAKE YT		
REF	N61 45 42 W139 12 40 21°E (2012) UTC-7 Elev 2686′ A5028 A5099	1
OPR	Tincup Wilderness Lodge 604-484-4418 Reg	
PF	B-1,2,5 Opr dur sum months PN	
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
SERVICES FUEL OIL	Emerg only 100LL 80	
A/D DATA	Open water mid Jun-Oct	L
PRO	Lodge located midway, east side of lake.	



CEF9

## **TOFINO VFR TERMINAL PROCEDURES CHART**



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B254 AERODROME/FACILITY DIRECTORY

#### **TOFINO VFR TERMINAL PROCEDURES CHART**

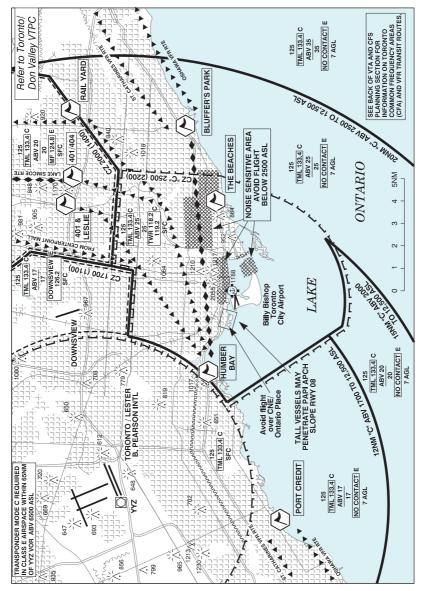
NAME	IDENT	LAT/LONG
FLORENCIA BAY	VCFLO	N48° 59' 00" W125° 38' 35"
GRICE BAY	VCGRB	N49° 05' 55" W125° 44' 50"
INDIAN ISLAND	VCIIS	N49° 07' 05" W125° 45' 50"
KENNEDY LAKE	VCKLK	N49° 03' 55" W125° 32' 30"
LENNARD ISLAND LIGHTHOUSE	VCLIL	N49° 06' 38" W125° 55' 20"
MOUNT OZZARD	VCOZZ	N48° 57' 50" W125° 29' 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 HARBOUR BC**

CAB4

17°E (2016) UTC-8(7) Elev 00' A5004	Father Charles Channel Q Meares Island Q
Tofino Airlines 250-725-4454 Reg PN (10 min prior on ATF) Dock fee	ANDIUS S.V. A temperature of the state of th
B-1 C-2,3,4,5	3800 Heynen Channel
Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	dock of
7 (daylight hrs only) Tofino Air 122.15	
Aviation float W end of harbour. Ctc opr prior to use of dock.	0 2 4 6 8 10 12000'
Tofino Harbour tfc 122.15 3NM 1500 AS Tofino VTPC	SL exc area within Tofino CZ as depicted on
Strong currents adj float areas. Strong w marine buoys.	rinds cause 4' waves. Shoals marked by
	A5004  Tofino Airlines 250-725-4454 Reg PN (10 min prior on ATF) Dock fee  B-1 C-2,3,4,5  Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)  7 (daylight hrs only) Tofino Air 122.15  Aviation float W end of harbour. Ctc opr prior to use of dock.  Tofino Harbour tfc 122.15 3NM 1500 ASTOfino VTPC  Strong currents adj float areas. Strong w

# TORONTO / BILLY BISHOP TORONTO CITY AIRPORT VFR TERMINAL PROCEDURES CHART



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

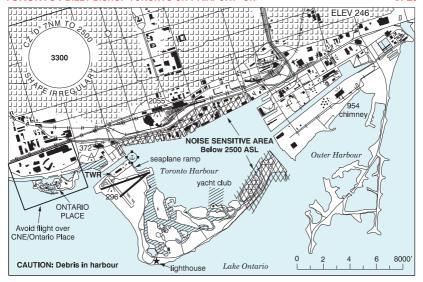
B256 AERODROME/FACILITY DIRECTORY

# 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

CPZ9



	REF	N43 37 59 W79 23 40 Adj S 11°W UTC-5(4) Elev 246′ VTA A5000	
í	OPR Toronto Port Authority 416-203-6942 1100-2300Z‡ and for A/D info Stolport I 416-203-1144 1145-0400Z‡ Reg PN Ldg fees		
	PF	A-1,6 B-2,3 C-4,5	
Ĺ	CUST	AOE/15/SEAPL 888-226-7277 13-05Z‡	
	FLT PLN FIC ACC	Pilots to open/close VFR flt plan with London rdo 123.15/126.7 or by phone. London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA) Toronto 905-676-4590/4591/4592 or 888-217-1241	
ı	SERVICES FUEL OIL S PVT ADV	All 2,3,5	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

AERODROME/FACILITY DIRECTORY B257

A/D DATA	<b>\</b>	Open water May-Nov. A/D open Apr 15-Nov 15, O/T ltd fac avbl. Sand bottom. Ramp. Opr.
G T	TIS END WR ATF	133.6 1130-0400Z‡ 121.7 1130-0400Z‡ City 118.2 119.2 (V) 1130-0400Z‡ tfc 118.2 0400-1130Z‡ within CZ 7NM SHAPE IRREGULAR 2500 ASL
PRO		All floatplanes requiring use of the Toronto inner harbour & BBTCA seapl fac must ctc BBTCA ops office by Tel 416-203-6942, PN to land and or tkof from Toronto inner harbour. Permission does not imply that it is safe to operate. All floatplanes ops are conducted solely at the discretion of the pilot. Left hand circuits exc E or NE winds. Ltd use of seaplane facilities may be made without radio upon prior arrangement with control twr. Ldgs & tkofs proh inside breakwater W of harbour, in E & W channels, ship channel & turning basin, island lagoons, 300' strip N of harbour & area immediately N of Royal Canadian Yacht Club, see sketch. Taxiing & tie-up proh in ship channel, turning basin & within 300' strip N side of harbour.  NOISE ABATEMENT 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 sketch.  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 into CYKZ airspace 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.
CAUTION		Any wind can create rough sea cond. Vessels up to 120' (366 ASL) in vic of ldg areas. Peak times Victoria day wknd to Thanksgiving wknd, Mon-Thu 19Z to dusk, Fri-Sun and hols, 16Z to dusk. Arr or dep may be delayed or not recommended during this period. CN twr 2055 ASL (1787 AGL) 030° 1NM N. Twrs & bldgs to 500 AGL along Toronto shoreline. Flagpole 372 ASL (121 AGL) 0.9NM W. Chimney (N43 38 45 W79 19 59) 954 ASL (700 AGL) 2.6NM E fr thld 26. Wind turbine at CNE 584 ASL (323 AGL) N43 37 52 W79 25 29. Seapl ramp rstd to acft with max wt of 4000 lbs.

## TWO ISLAND LAKE ON — See THUNDER BAY / TWO ISLAND LAKE

TYHEE LAKE BC — See SMITHERS / TYHEE LAKE

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B258 AERODROME/FACILITY DIRECTORY

**PRO** 

CAUTION

#### **UCLUELET BC** CAN<sub>3</sub> AADIUS 5Nn E ELEV 00 **REF** N48 57 W125 33 Adj NW 17°E (2016) Q UTC-8(7) Elev 00' A5004 **OPR** Dist of Ucluelet 250-726-7744 Reg £ 3800 PPR For Icl info ctc Wharfinger Q 250-726-7131 ŧ. PF C-1,2,3,4,5,6 ŧ **FLT PLN FIC** Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) dock watér . **SERVICES** Q 7 ŧ £11111111 Tidal range 11', tidal current 5 kt. A/D DATA 6000 Float in village, ramp 1NM NW. COMM tfc 123.2 2NM 1500 ASL **ATF**

#### UPPER BUCKHORN LAKE ON - See BUCKHORN / UPPER BUCKHORN LAKE

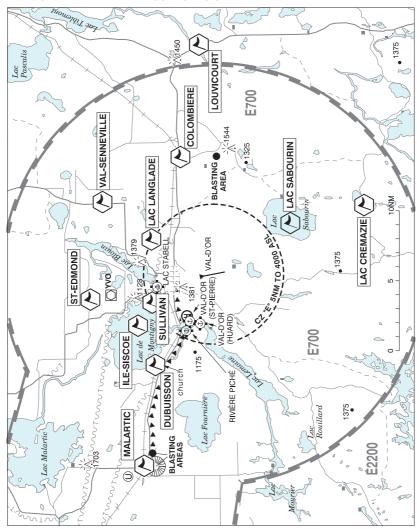
# UPPER SHEBANDOWAN LAKE ON — See KASHABOWIE / UPPER SHEBANDOWAN LAKE

Land NW end of harbour & taxi to moorings due to surface craft & swells.

S & SE gales create 2' swells. Ltd manoeuvering space at dock - numerous pilings.

<b>URANIUM CI</b>	TY SK	CKG6
REF	N59 34 W108 36 Adj 13°E (2012) UTC-6 Elev 820' A5023	T PELEV 820 t OIUS 5 M t t Q
OPR	Urdel Ltd 306-498-2761 Reg	2800
PF	B-1 C-2,3,4,5,6	Melville
FLT PLN FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	t till to the control of the control
SERVICES FUEL	306-498-2761 100LL	
A/D DATA	Open water Jun 1-mid Oct	Cinch & &
COMM ATF	tfc 123.2 5NM 4100 ASL	0 2 4 6 8 10 12000'
CAUTION	Shoreline rises to 1225 ASL N of lake with rdo twr to 1400 ASL. Land A/D 3.6NM ENE.	

## **VAL-D'OR VFR TERMINAL PROCEDURES CHART**



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B260 AERODROME/FACILITY DIRECTORY

# 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 (HUARD) QC

CVB6

REF	N48 04 21 W77 52 27 1.9W 14°W UTC-5(4) Elev 1000' aprx A5001 A5009	Thompson River	
OPR	Rock Huard 819-824-8442 Reg PPR	River ADIUS 51/1	
PF	B-1 C-2,3,4,5,6	dock dock	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)		
A/D DATA	Open water mid May-Oct	1 Q	
COMM RADIO RCO	(bil) 118.5 (E) 1030-0325Z‡ Rouyn rdo 118.5 (RAAS) 0325-1030Z‡ Québec rdo 122.375 (FISE) 126.7 (bcst) Rdo 1030-0325Z‡ O/T Rouyn rdo 118.5 5NM centred on Val-d'Or A/D 3.8NM ES	0 1 2 3 4 5 6000°	
CAUTION	P-lines 1.2NM N 2.2NM NW. Water A/D 1NM NNW. Blasting ops 1.5NM radius N48 07 39 W78 07 21 (aprx 11NM WNW A/D) sfc to 2000 AGL (3082 MSL) dly 16-17Z‡ and 20-21Z‡. Heli and Water A/D adj NE.		

## VAL-D'OR / LAC STABELL QC

CLS2

	***	
REF	N48 07 08 W77 48 36 1.3NNW 13°W (2016) UTC-5(4) Elev 980' A5009	2 1 4 4 1 ELEV 980
OPR	Denis Mainville 819-856-6664 Reg PPR	2600 £ & Blouin
PF	C-1,2,3,4,5,6	1 12012
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	t t Lac Stabell t t t t t t t t t t t t t t t t t t
SERVICES FUEL S	100LL 1,4,5	2 t t t Q t t Q t
A/D DATA	Open water mid-May-Oct	
COMM RADIO RCO MF		Québec rdo 122.375 (FISE) 126.7 (bcst) 5NM centred on Val-d'Or A/D 4.1NM SSE
PRO	Tkof NE: Initial climb over Blouin Lake B	POC.
CAUTION	P-line 125 AGL aprx unlgtd NE of lake. I W78 06 56 (aprx 12NM W A/D) sfc to 25	Blasting ops 1.5NM radius N48 07 44 550 ASL 1600-1630Z‡ and 2000-2030Z‡.

## VAL-D'OR / RIVIÈRE PICHÉ QC

CTA5

REF	N48 05 07 W77 53 19 2.7W 14°W UTC-5(4) Elev 1000' aprx A5001 A5009	ELEV 1000 APRX
OPR	Marc Lafleur & Marie-Claude Bruneau 819-738-7437/856-8039 Reg PPR	
PF	B-1 C-2,3,4,5,6	Rich
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	Q Thompson River
SERVICES FUEL OIL S	avbl SR-SS 100LL All 1,2,4,5	0 1 2 3 4 5 600°
A/D DATA	Open water mid May-Oct. Dock depth 4-	-6', mud bottom.
COMM RADIO RCO MF		Québec rdo 122.375 (FISE) 126.7 (bcst) 5NM centred on Val-d'Or A/D 4.5NM SE

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B262 AERODROME/FACILITY DIRECTORY

# VAL-D'OR / RIVIÈRE PICHÉ QC (Cont'd) CTA5 NAV VOR/DME YVO 113.7 Ch 84 N48 10 31 W77 49 15 (1020') CAUTION P-lines 20' 1.7NM W. Land A/D 4.5NM SE. Water A/D 1NM SSE. Blasting ops 1.5NM radius N48 07 39 W78 07 21 (aprx 10NM WNW A/D) sfc to 2000 AGL (3082 MSL) dly

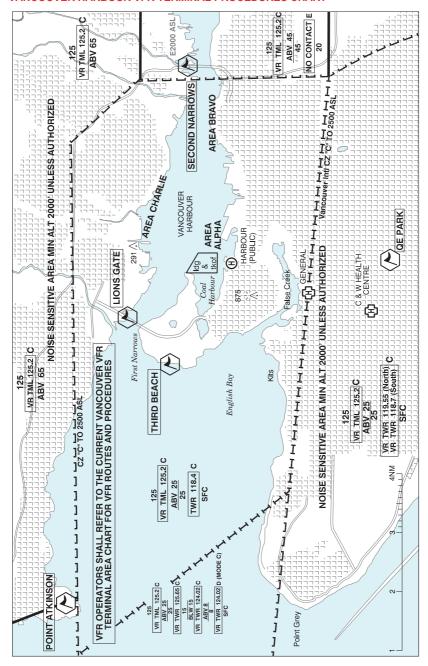
16-17Z‡ and 20-21Z‡. Heli and Water A/D aprx 1NM SE.

VAL-D'OR (S	T-PIERRE) QC		CSP7
REF	N48 04 39 W77 52 07 1.9W 13°W (2011) UTC-5(4) Elev 1000' aprx A5001 A5009	© ELEV 100	Ø
OPR	Jean-Guy St-Pierre 819-824-9256/6931 Reg PPR	ompse Q	ŧ ęŧ
PF	B-1 C-2,3,4,5,6	Ric dock P	ρ ρ
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	£ 2 0 108	S 5Ny
A/D DATA	Open water mid May-Oct.		
COMM RADIO RCO MF	118.5 (E) 1030-0325Z‡ Rouyn rdo 118.5 (RAAS) 0325-1030Z‡ Québec rdo 122.375 (FISE) 126.7 (bcs rdo 1030-0325Z‡ O/T Rouyn rdo 118.5 4000 ASL (CAR 602.98)	0 1 2 3 4 5 6000	
CAUTION	Heliport adj E. P-lines 1.2NM N and 2.2 Blasting ops 1.5NM radius N48 07 39 W AGL (3082 MSL) dly 16-17Z‡ and 20-2	78 07 21 (aprx 11NM WNW A/D) sfc	

#### **VAL-D'OR FSS-RCO**

Chibougamau 122.0 (RAAS) 11-01Z‡ (N49 47 W74 32)

#### VANCOUVER HARBOUR VFR TERMINAL PROCEDURES CHART



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

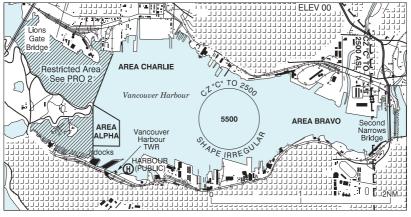
B264 AERODROME/FACILITY DIRECTORY

## 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**

**CYHC** 



4	
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 ACC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) 604-775-9601/9606/9674 LWIS H24 LAWO 15-02Z‡ or til 1/2 hr after SS, whichever is later.
SERVICES FUEL OIL S	100, JB, (100LL, JA, JA-1 avbl thru VHFC) PN 100 5
COMM RCO ATIS	Pacific rdo 123.15 (FISE) Vancouver Harbour 126.8 dur twr hrs of ops.
CLNC DEL	Vancouver Harbour 125 35 all den acft etc elne del only if instructed to do so on ATIS

CLNC DEL Vancouver Harbour 125.35 all dep acft ctc clnc del only if instructed to do so on ATIS. Vancouver Harbour 118.4 (V) 15-02Z‡ or til half hour after SS, whichever is later. (emerg only 604-688-9254)

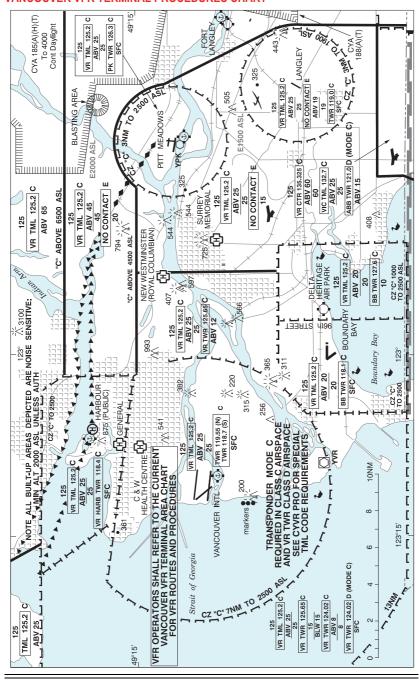
ATF tfc 118.4 when twr clsd within Vancouver Harbour CZ shape irregular 2500 ASL TML 125.2

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

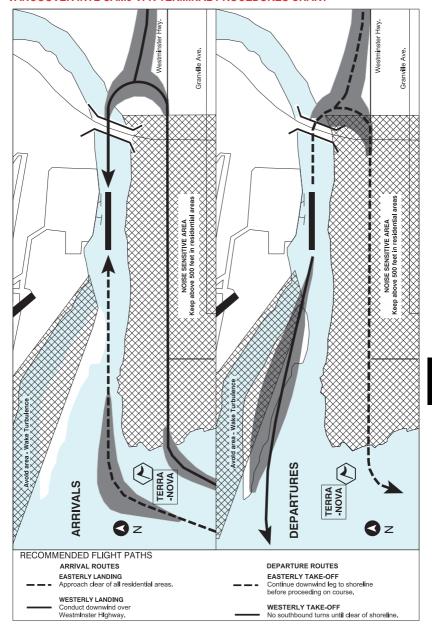
# AERODROME/FACILITY DIRECTORY B265

VANCOUVER HARBOUR BC (Cont'd) CYHC	
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 VFR TERMINAL PROCEDURES CHART



#### **VANCOUVER INTL CAM9 VFR TERMINAL PROCEDURES CHART**



NAME	IDENT	LAT/LONG
TERRA-NOVA	VCTRA	N49° 10' 18" W123°14' 00"

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B268 AERODROME/FACILITY DIRECTORY

	VANCOUVE	RINTL BC	CAM9
	REF	N49 10 37 W123 10 15 Adj SW 17°E (2013) UTC-8(7) Elev 00' VTA A5004 T1	ELEV 00,
	OPR	Vancouver Intl Aprt Authority 604-207-7022; Seair Seaplanes 604-273-8900 or 1-800-447-3247 Reg	
	PF	B-1,2,3,6 C-4,5	
	CUST	AOE/15/SEAPL 888-226-7277 Daylight hrs only; exc hols	Fraser River ramp Middle Arm Olus
	FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) IFR 604-586-4590/4591or 800-668-1333; IFR tng fits PPR ctc 604-586-4592 (collect calls accepted)	0 1 2 3 4 5 6000
	SERVICES FUEL S	Fuel & beaching 604-273-8900 or 129.3 100LL, JA 3,4,5	0 daylight hrs.
	A/D DATA	Fraser River 066°-246°. Middle Arm 099 to shores. Docks, ramp. Open water all	°-279°. Tidal range 14′, shallow water close year.
I	COMM  RCO  ATIS  CLNC DEL  TWR  TML	124.6 restrictions are bost on ATIS 121.4 All dep acft ctc clnc del	4.02 125.65 226.5 236.6 (E) (emerg
	NAV VOR/DME	YVR 115.9 Ch 106 N49 04 38 W123	3 08 57 (37')

#### VANCOUVER INTL BC (Cont'd)

CAM9

#### **PRO**

#### 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.

#### ARR/DEP

See Vancouver Intl CAM9 VTPC. Downwind flt alt not below 500' ASL over populated area to the S. Dep rstd til 0630 hr Icl O/T PPR from YVR Ops 604-207-7022.

#### NOISE ABATEMENT:

Consistent with safe acft ops, the following are recommended operational proc:

- 1. Tkof Westbound and ldg Eastbound are preferred when wind and water conds permit.
- 2. Use low RPM reduced noise tkof when able.
- 3. Avoid dep rte that fly over the City of Richmond, whenever possible.
- 4. Avoid using "reverse thrust" after Idg to slow the acft.
- 5. Maintain 500 ASL when flying the Westminster Hwy downwind rte.

#### 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 866-992-7433 (866-WXBRIEF) or 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, Pacific Radio 123.15, or call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101.

#### **CAUTION**

Low IvI overflights of heli arr/dep adj land A/D. Rough water associated with strong E or W winds (1-3' swells). Debris in river.Twr cranes S side of Fraser River adj Olympic Oval.

#### **VANDERHOOF WATER BC**

CVH3

REF	N54 01 13 W123 59 53 Adj NE 17°E° (2019) UTC-8(7) Elev 2050' aprx A5014	PRX APRX
OPR	Vanderhoof Airport Development Society 250-567-4805/8724 or 250-614-3569 Reg	
PF	C-1,2,3,4,5 D-6	docks
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	4100
SERVICES FUEL PVT ADV	100LL (at land A/D), MG-1, MG-4 not avbl on site. Guardian Aerospace 250-567-2655 15-24Z‡ O/T 250-570-2670/2671 PN for float planes.	0 1 2 3 4 5 6000
A/D DATA	Open water May 1 to Oct 30. Mud & gravel bottom.	

**DOCKS** 3 docks on private land. Dock space not assured.

mid Jul-mid Aug dur hi water release.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B270 AERODROME/FACILITY DIRECTORY

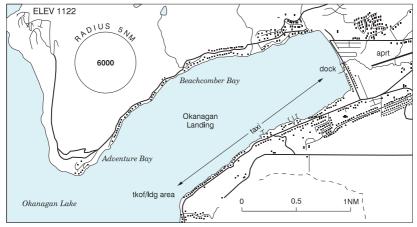
#### VANDERHOOF WATER BC (Cont'd) CVH<sub>3</sub> COMM **ATF** tfc 122.8 5NM 5100 ASL **CAUTION** Land A/D 1.5NM NNW. Low water Sep/Oct. Watch for fisheries buoys. Ocsl debris

## **VERMETTE LANDING QC —** See PETAWAWA / VERMETTE LANDING

VERMILION	BAY ON	CKH6
REF	N49 53 W93 24 1.5NW 0° (2014) UTC-6(5) Elev 1229' A5007	ELEV 1229 Roderick Lake
OPR	Wilderness Air 807-227-5473 Reg	airport \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PF	B-1 C-2,3,4,5	Q taroius still
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 OIL S	100LL All 5	t t Q dock
A/D DATA	Open water mid May-end Oct. Depth 4', sheltered bay.	0 1 2 3 4 5 6000'
COMM	tfc 130.7 5NM 4300 ASL	
CAUTION	Land A/D 1.2NM NW.	

#### **VERNON / WILDLIFE BC**

CVW2



REF	N50 14 37 W119 20 40 2.3SW 16°E (2016) UTC-8(7) Elev 1122′ A5005
OPR	Robert Lord 250-859-9329 or 250-545-9108 Reg PN

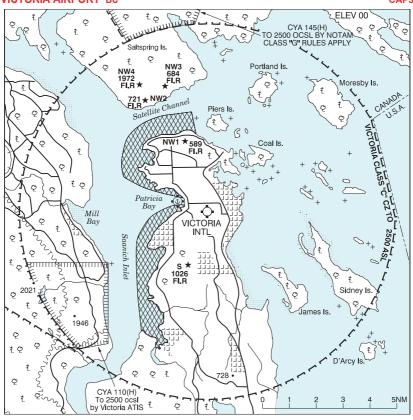
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### AERODROME/FACILITY DIRECTORY B271

VERNON / WILDLIFE BC (Cont'd)	
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	7 PPR
A/D DATA	Open water Apr-Nov. Depth 3-4', sandy beach.
COMM ATF	UNICOM ltd hrs O/T tfc 122.8 5NM 4100 ASL exc area within class D airspace.
NAV NDB	6K 302 (M) N50 21 00 W119 15 36 Pvt
PRO	Apch E side of Okanagan Landing at 1600 ASL, ldg S of yacht club, taxi to buoys (4). Reverse to tkof.
CAUTION	Vernon aprt 0.5NM NE of A/D. Remain at 1600 ASL til clear of Okanagan Landing. Extv parajumping in area. Glider activity ocsl to 12,500 ASL & ultralight activity.

### VICTORIA AIRPORT BC

CAP5



REF	N48 39 13 W123 26 57 12NNW 17°E (2013) UTC-8(7) Elev 00' VTA A5004 LO2 T1	Patricia Bay
OPR	Victoria Intl Aprt Authority 250-953-7500/7511 Reg	oreakwate dock
PF	A-1,2,3,6 at adj land A/D C-4,5	* floating
CUST	AOE/15/SEAPL 888-226-7277 1630-0030Z‡	platform
FLT PLN FIC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR H24 (CYYJ) AUTO (See COMM) TAF H24, issue times: 00, 06, 12, 18Z	dolphin pile     dolphin pile
CEDVICEO		

**SERVICES** 

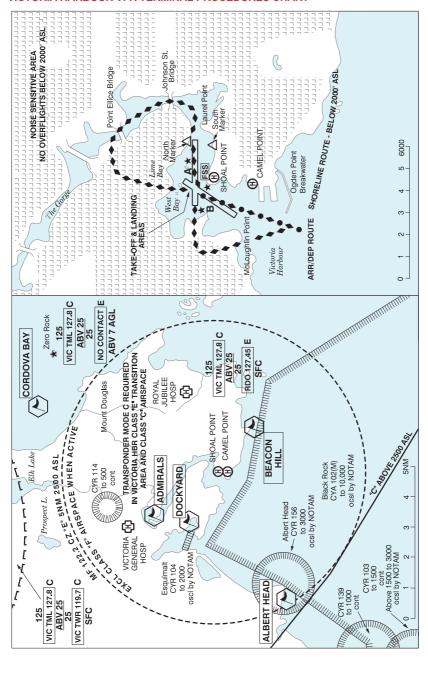
FUEL | 100LL 866-654-0646 PN | 20W50 | 1,3 at adj land A/D, 5

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### AERODROME/FACILITY DIRECTORY B273

VICTORIA AIRPORT BC (Cont'd)	
A/D DATA	Tidal range 10', current 1-2 kt. Military buoys in bay. Ramp.
СОММ	
RCO	Kamloops rdo 119.7 (RAAS) 08-14Z‡ Pacific rdo 122.375 (FISE) 126.7 (bcst)
ATIS	118.8 14-08Z‡
CLNC DEL	126.4 14-08Z‡
GND	121.9 361.4 14-08Z‡
TWR	119.7 inner 119.1 outer 239.6 (E) 14-08Z‡ (emerg only 250-655-2866)
MF	Kamloops rdo 119.7 08-14Z‡ 7NM centred on adj land A/D 2500 ASL (CAR 602.98)
AUTO	118.8 08-14Z‡
NAV	
VOR/DME	YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1968')
PRO	Land A/D Adj E; alighting area within class "C" CZ. Water cond permitting, avoid ops closer than 0.5NM from shoreline due Noise Sensitive Area.
CAUTION	Rough water in W winds.

### VICTORIA HARBOUR VFR TERMINAL PROCEDURES CHART



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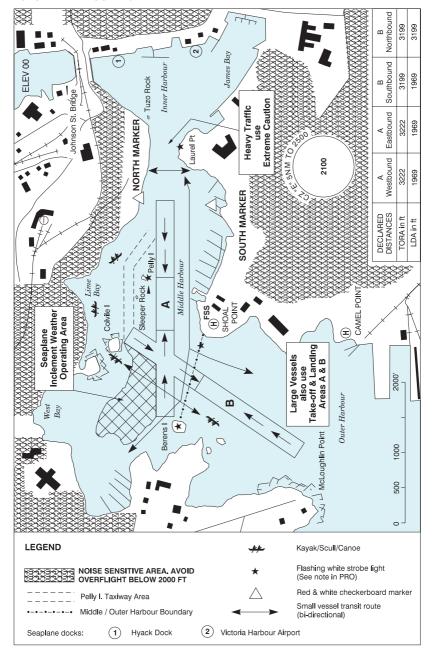
AERODROME/FACILITY DIRECTORY B275

# VICTORIA HARBOUR VFR TERMINAL PROCEDURES CHART (Cont'd)

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

### **CYWH**



	VICTORIA HA	ARBOUR BC (Cont'd)	
	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	
Ī	CUST	AOE/15/SEAPL 888-226-7277 Sked flts under 15 pax 16-08Z‡.	
	FLT PLN FIC WX	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) METAR 14-05Z‡ O/T LWIS TAF 15-05Z‡, issue times: 1515, 18, 00Z (DT 1415, 21Z)	
	SERVICES S	For svcs use Victoria aprt seaplane base 14NM N. 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.	
 	RADIO RCO ATIS MF/ATF	Harbour rdo 127.45 (V) 1345-0530Z‡ (emerg only 250-953-1500) Pacific rdo 125.85 (FISE) 120.0 14-05Z‡ 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')	
	PRO	VICTORIA YYJ 113.7 Ch 84 N48 43 37 W123 29 04 (1997')  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 122.2 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 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 sho	

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B278 AERODROME/FACILITY DIRECTORY

### VICTORIA HARBOUR BC (Cont'd)

**CYWH** 

### PRO (Cont'd)

#### RESTRICTIONS:

- Pursuant to CAR 602.96(3)(d), <u>PPR rqd from Harbour Airport Manager</u> 250-363-3578, 250-380-8177.
- Pursuant to CAR 602.96(3)(d), no step taxiing is permitted and taxi speed is 5 Kt maximum within Inner Harbour area.
- Pursuant to CAR 602.96(3)(d), acft shall maintain a distance of at least 50 m (165') from surface vessels during tkof or Idg. For the purpose of this restriction tkof means "from the start of the tkof slide to an altitude of 150' ASL", Idg means "descent from an altitude of 150' ASL to touchdown and off the step.
- Pursuant to CAR 602.96(3)(d), <u>unless otherwise authorized by Airport Manager</u>, no floatplane tkofs or ldgs before 0700 lcl.
- 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).
- 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.
- Pursuant to CAR 602.96(3)(d), <u>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.</u>
- Pursuant to CAR 602.96(3)(d), no Ab Initio or acft training.

#### 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 866-992-7433 (866-WXBRIEF) or 866-541-4101 for code assignment at least 30 minutes 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 866-992-7433 (866-WXBRIEF) or 866-541-4101.

- All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101 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 oosl to hgt of bridge.

VIRGINIA FALLS NT — See NÁILICHO

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landings in Mailbox.

#### **VOYAGEUR CHANNEL ON** CVC<sub>2</sub> **ELEV 570** REF N45 57 02 W81 01 52 20ESE Killarney DIUS 5 N4 Ç 10°W (2019) UTC-5(4) Elev 570° ŧ A5000 A5001 ŧ # علد بلد OPR Mark Auerman 647-588-1514 Reg 2000 Q £ ملد **PPR** 7 0 PF D-1 # Voyag dock ŧ **FLT PLN** 7 Ç London 866-WXBRIEF (Toll free within 9 Ç Canada) or 866-541-4104 (Toll free Green within Canada & USA) Island A/D DATA Open water mid-May to mid-Oct # Ç COMM 0 Ç **ATF** tfc 122.8 5NM 3600 ASL 6000 **PRO** E/W landings in Voyageur Channel, N/S

#### WABUSH NL CCX5 REF N52 56 W66 54 Adj 21°W (2012) UTC-4(3) Elev 1700' A5019 لالدام الدلالدل OPR Air Tunilik 709-944-2395 dock Fax 709-944-5262 Reg PPR C-1.2.3.4.5.6 at adi land A/D PF Little Wabush FLT PLN (bil) Lake FIC Quebec 866-GOMÉTÉO or PADIUS 866-WXBRIEF (Toll free within Canada) 5 N4 1943 § or 866-541-4105 (Toll free within ŧ. Canada & USA). Flt Plns by Fax 418-871-4906 & include phone 4200 numbers where pilot can be reached prior to dep. **SERVICES** 6000 100LL **FUEL** OIL ΑII 5 S Open water Jun-Oct. A/D DATA COMM **RADIO** Wabush rdo 122.0 296.2 (E) 1000-0230Z‡ (emerg only 709-282-6224) **RCO** Québec rdo 123.375 (FISE) 126.7 (bcst) MF rdo 122.0 1000-0230Z‡ O/T tfc 5NM 4800 ASL (CAR 602.98) NAV VOR/DME WABUSH YWK 112.3 Ch 70 N52 57 36 W66 51 13 (2277') CAUTION P-line east, Adi Wabush land A/D. Mine blasting immediately SW & aprx 7 miles N up to aprx 8500 ASL and within 1.4NM radius N52 59 02 W66 56 41 (aprx 5NM NNW of A/D) to 6188 ASL

### WAGLISLA BC — See BELLA BELLA / WAGLISLA

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

### WASHAGO / CLEARWATER LAKE ON

CCW6

REF	N44 48 07 W79 14 30 5ENE 11°W (2020) UTC-5(4) Elev 820' A5000	# £ 1,
OPR	Dave Gallagher 416-735-9607 Reg	Q Ju Clearwater Q Ju 7
PF	C-1	Lake
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	t apolls 5
A/D DATA DOCKS	Open water mid May-mid Nov Dock depth 2'. Sheltered bay.	2300
COMM		S. S. Marry #
ATF	tfc 122.8 5NM 3900 ASL	0 1 2 3 4 5 6000
CAUTION	Stay W of islands.	

### **WATSON LAKE YT**

CEJ9

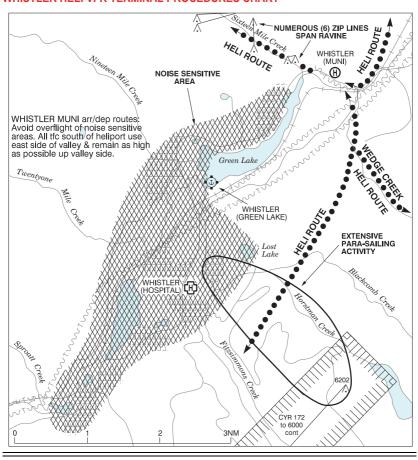
N60 07 W128 47 4W 22°E (2012) UTC-7 Elev 2232' A5021 A5022 A5029 A5099	€ Q Q Q € £ ELEV 2232 Q £ € Q £ Q £ Q Q Q Q Q Q Q Q Q Q Q Q Q
Northern Rockies Air Charters 867-536-2364 Reg PPR	2288
A-1 D-2,3,4,5	Watson Lake
Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) 867-536-2905	Q TOUS 5 MAR SOUD S SOU
Open water mid May-Oct. Area may be used for ski ops dur win months.	t t Q t Q t Q t
Whitehorse rdo 123.375 (FISE) 126.7 (bcst) aprt rdo 122.1 5NM centred on Watson (CAR 602.98) 122.1 (V)	0 2 4 6 8 10 12000° Lake land A/D 1.2NM WSW 5300 ASL
YQH 114.9 Ch 96 N60 05 11 W128 5	51 27 (2509′)
	UTC-7 Elev 2232' A5021 À5022' A5029 A5099  Northern Rockies Air Charters 867-536-2364 Reg PPR  A-1 D-2,3,4,5  Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) 867-536-2905  Open water mid May-Oct. Area may be used for ski ops dur win months.  Whitehorse rdo 123.375 (FISE) 126.7 (bcst) aprt rdo 122.1 5NM centred on Watson (CAR 602.98)

#### WEST GUILFORD / REDSTONE LAKE ON CRL6 **ELEV 1190 REF** N45 12 36 W78 32 46 6.1NNE 12°W (2016) UTC-5(4) Elev 1190' A5000 **OPR** R. Miller 905-868-4140 Reg PPR **FLT PLN** FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free AADIUS within Canada & USA) dock 5 N4 A/D DATA Open water May-Nov. Depth at dock 4'. A A Sand beach. Redstone Lake3100 COMM tfc 123.2 5NM 4200 ASL ATF

WHALETOW	N BC	CAW9
REF	N50 06 30 W125 03 01 Adj W 18°E (2012) UTC-8(7) Elev 00' A5004	1 2 2 2 1 1
OPR	Harbour Authority of Cortes Island 250-935-0007 Reg	
PF	C-1,2,5 D-4	Sutil Channel dock
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	Whaletown bay 2700
SERVICES S	5 (ltd hrs),7	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
A/D DATA	Tidal range 16'. Depth 10'. Sand & mud bottom. Beach.	0 1 2 3 4 5 6000'
COMM ATF	tfc 123.2 2NM 1500 ASL	
NAV		
NDB	CAMPBELL RIVER YBL 203 (LZ) I	N50 00 23 W125 21 27
CAUTION	Marine buoys mark rocks.	

#### WHATI NT CEQ8 REF N63 09 W117 16 20°E (2012) **ELEV 870** docks UTC-7(6) Elev 870' A5029 **OPR** Hamlet 867-573-3401 Reg 1016 **FLT PLN** Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll £ free within Canada & USA) ADIUS 5 NA Q A/D DATA Open water mid Jun-mid Oct. COMM 2300 ATF tfc 123.2 5NM 3900 ASL Lac La Martre 6000

### WHISTLER HELI VFR TERMINAL PROCEDURES CHART

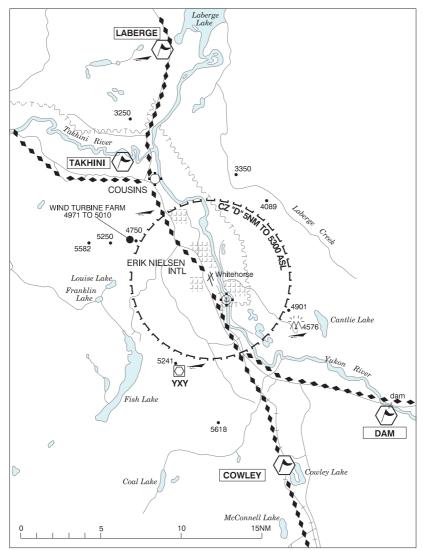


#### WHISTLER/GREEN LAKE BC CAE5 © ELEV 2100 N50 08 37 W122 56 57 Adj REF ŧ. 17°E (2014) UTC-8(7) Elev 2100' Alternate A5004 $\subset$ ŧ. tkof/ldg area Whistler Air 604-932-6615 Reg Lake **OPR** 0 . Tkof|ldg area PF A-1 B-2 C-3,4,5,6 **FLT PLN** Edgewate Kamloops 866-WXBRIEF (Toll free Lodge 오 0 within Canada) or 866-541-4101 (Toll POIUS 5 Ny free within Canada & USA) dock **SERVICES** 10600 FUEL 100LL, JA Emerg only OIL 100, 15/50 Ç 2, 5 Dock space Itd call opr ŧ 3 6000 A/D DATA Open water Apr-Nov. Mooring. COMM UNICOM Itd hrs O/T tfc 122.7 5NM 5000 ASL ATF PRO Noise sensitive area. Stay to centre of tkof/ldg area as much as possible. Alternate area authorized only with strong easterly winds. All circuits S of tkof and ldg area. CAUTION Aerial tramway aprx 1.6NM long btwn Whistler Mountain and Blackcomb Peak (aprx 4.4NM SSE of A/D) 6206 ASL to 4810 ASL. WHITEFISH / LAKE PANACHE ON CPN9 RADIUS 5 Ny ELEV 719 € N46 16 41 W81 20 16 6.1SSW REF Q 10°W (2017) UTC-5(4) Elev 719' A5000 A5001 Little 7 2600 Panache' **OPR** Paul Fredette 705-665-1888 Reg PPR Ç **FLT PLN** FIC London 866-WXBRIEF (Toll free within dock Canada) or 866-541-4104 (Toll free within Canada & USA) £ Lake A/D DATA Open water May 15-Oct 15. Panache £ L-shaped dock, access from both **DOCKS** directions Rabbit 9 COMM Ø Island **ATF** tfc 122.8 5NM 3800 ASL 6000 CAUTION Extv boat tfc. Marina 0.6NM WSW. Air ambulance ldg area 0.4NM WSW. Lgtd

twr 1244 ASL (344 AGL) 0.4NM ENE of

A/D.

## 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"

WHITEHORS	SE YT	CEZ5
REF	N60 41 28 W135 02 13 2S 22°E (2012) UTC-7 Elev 2138' A5028 A5099	ELEV 2138 .
OPR	City 867-668-8346 Reg	
PF	C-1,2,3,4,5,6	+ marker buoys
CUST	AOE/15/SEAPL 888-226-7277	ZZ dock
FLT PLN FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	sailing launch  Schwatka  Lake
SERVICES  FUEL S PVT ADV	Call out chg may be levied for one or more svcs. 100LL, JA 5 Black Sheep Aviation 867-668-7761 or 867-335-0011	0 1 2 3 4 5 6000'
A/D DATA	Schwatka Lake (dam on Yukon River). (ski ops dur win months.	Open water Jun-Nov. Area may be used for
COMM RCO TWR MF	123.275 (FISE) 126.7 (bcst) (E) (em 118.3 236.6 (E) (emerg only 867-66 rdo 118.3 5NM 5300 ASL 04-14Z aro (CAR 602.98)	7-8426) 04-14Z at land A/D
NAV VOR/DME	YXY 116.6 Ch 113 N60 37 08 W135	5 08 20 (5285′)
CAUTION	buoys to avoid striking the buoys or the	of the hydro-electric intake canal marker log boom which crosses the canal just ling activity 6NM E, S and W of A/D. Sailing

### WHITEHORSE FIC - RCO

For a list of Whitehorse RCOs and map, see Planning Section under FISE RCOs.

WHITE LAKE ON		CWL2
REF	N45 19 26 W76 29 10 2S 13°W UTC-5 (4) Elev 295' A1905 A5000	ELEV 295
OPR	White Lake Marina 613-623-2568 or 613-204-3140 Reg	2200
PF	A-1 C-2, 3, 5	5 5 6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Russell dock dock dock dock dock dock dock dock
SERVICES FUEL OIL	MG-3 W100	Reid's Bay Q Bennet's
AD DATA DOCKS	Open water mid April to mid Dec Depth 4' mud bottom	0 1 2 3 4 5 6000'

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

B286 AERODROME/FACILITY DIRECTORY

### WHITE LAKE ON (Cont'd)

CWL<sub>2</sub>

COMM	tfc 123.2 5NM excluding Arnprior/South Renfrew Muni ATF 3300 ASL
CAUTION	Boat docks 100' from seaplane docks. High volume of boat traffic at times.

#### WHITE RIVER ON CNJ8 **ELEV 1380 REF** N48 37 37 W85 13 24 4NNE 7°W UTC-5(4) Elev 1380' A5008 ADIUS 5N4 **OPR** White River Air Svc 807-822-2222 Reg PPR ŧ 3600 PF B-1 C-2,5 **FLT PLN** 9 Ó London 866-WXBRIEF (Toll free within Tukanee Lake Canada) or 866-541-4104 (Toll free

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Q

**SERVICES** S 5

A/D DATA Open water May-Oct.

COMM **ATF** UNICOM Itd hrs O/T tfc 122.8 5NM 4400 ASL

within Canada & USA)

**CAUTION** Shoal NW side of lake opposite dock. Two twrs 2313 ASL 1NM E.

### WIARTON / BEATTIE LAKE ON

CBT2

ŧ.

dock

0

9

6000'

REF	N44 49 41 W81 16 28 7.7NW 9°W (2017) UTC-5(4) Elev 685 A5000	ELEV 685
OPR	Rick Kerr 519-372-3145 Reg PPR	
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	Beattie Lake  Q t Q dock  Q dock  Q ADOLUS 5 1/14 Q
A/D DATA  DOCKS	Open water mid Apr-Dec. Depth 3-8', mud bottom. Flat shale rock and boulders near E shore. 30' floating dock with moorings May 1-Oct 15.	2300
COMM ATF	123.2 2NM 3700 ASL	0 1 2 3 4 5 6000'
CAUTION	P-lines across bay NE corner lake. Unlgtd twr 886 ASL 1.8NM SSW of A/D.	

### WILDLIFE BC — See VERNON / WILDLIFE

### WILLIAMS LAKE FSS - RCO

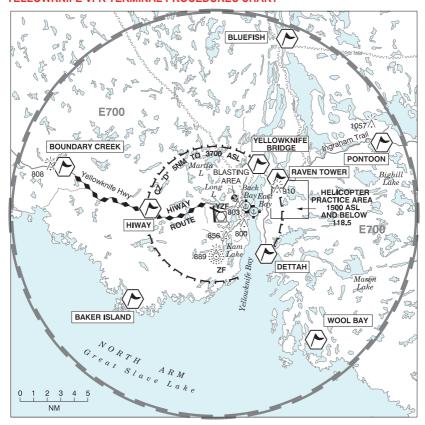
Quesnel 122.2 (RAAS) 14-06Z‡ (N52 58 W122 29) Prince George 118.3 (RAAS) 07-14Z‡ (N53 52 W122 39)

#### WINFIELD (WOOD LAKE) BC CAY9 REF N50 03 W119 24 2N 16°E (2016) **ELEV 1283** O" TO 6500 UTC-8(7) Elev 1283' A5005 **OPR** Turtle Bay Marina 250-766-3120 Reg 6600 PF B-1,2,3,5 C-6 **FLT PLN** PE IRREGU Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll WoodLakefree within Canada & USA) **SERVICES** A/D DATA Open water Apr-Nov. COMM **TWR** Kelowna 119.6 (V) 1330-0630Z‡ 6000 MF Penticton rdo 119.6 0630-1330Z‡ Kelowna CZ shape irregular 6500 ASL (CAR 602.98) NAV **NDB** KELOWNA LW 257 (MZ) N50 03 39 W119 24 59 **PRO** Transponder mode C rgrd within Kelowna Class D airspace. No tkof, ldg or step taxi within 200' of shore, or within shaded area on sketch. Nose into dock. CAUTION Extv Icl tfc fr surrounding helis and waterways, monitor 126.7. Marine tfc in vic.

### WINNIPEG FIC - RCO

For a list of Winnipeg RCOs and map, see Planning Section under FISE RCOs.

### 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 CEN9 REF N62 28 W114 21 Adj NE 18°E (2012) £ **ELEV 514** Boat mooring area UTC-7(6) Elev 514' A5030 LO5 7 Q **OPR** Ahmic Air 867-920-4400 ŧ Air Tindi Ltd 867-669-8200 Rea DIUS PF B-1 C-2.3.4.5.6 Lathan **FLT PLN** Island 2100 Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll Ahmic Air ?Air Tindi free within Canada & USA) dock Q Back strobe light see PRO All svc Ahmic Air PN **SERVICES** Bay £ **FUEL** 100LL Joliffe c Island OIL All ŧ Boat dock & launch area s 1,4,5,6 6000 A/D DATA Open water mid Jun-Oct. Alighting areas W side (Back Bay) & E side (East Bay) of peninsula on Yellowknife Bay. Overnight docking fees for Ahmic Air. Area used for ski ops dur win months, ctc opr. COMM **RCO** Edmonton rdo 5680 (FISE) 123.375 (FISE) 262.0 (FISE) 126.7 (bcst) **ATIS** 128.4 at land A/D 2.5NM WSW 118.5 340.8 (E) 14-05Z‡ at land A/D 2.5NM WSW (emerg only 867-873-3121) **TWR** rdo 118.5 (E) 05-14Z‡ 5NM 3700 ASL centred on land A/D 2.5NM WSW (CAR 602.98) NAV **NDB** ZF 356 (M) N62 24 38 W114 26 04 VOR/DME YZF 115.5 Ch 102 N62 27 51 W114 26 12 (712') **PRO** Strobe light to alert boat opr an acft is arriving or departing shortly. Activate by depressing mic 5 times on 119.5, 2 miles on final or 45 secs prior to tkof. VFR acft can expect ATC to assign routings as depicted on the VTPC. East Bay open to S winds. Twr 800 ASL SE side of town. Seaplane, power & sail boat CAUTION activity concentrated in the Back Bay (W side of peninsula) & East Bay (E side of peninsula) area of Yellowknife Harbour.

#### ZEBALLOS BC CAA5 ELEV 00 REF N49 59 W126 51 Adj W 18°E (2012) ίus 5 N48 UTC-8(7) Elev 00' A5004 ŧ. **OPR** Village 250-761-4229 Reg Ç dock 5500 Ç C-1.2.3.4.5 ŧ **FLT PLN** FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) 0 Q **SERVICES** 5 Zeballos Inlet £ A/D DATA Tidal range 12'. Float, wharf. COMM ΔTF tfc 123.2 2NM 1500 ASL 6000 CAUTION Ocsl SE winds preclude A/D use.

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### B290 AERODROME/FACILITY DIRECTORY

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C2 PLANNING

#### 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
- Number (if more than one) 4
- 5. Type of aircraft
- Wake turbulence category 6.
- Equipment and capability (see page C3) 7.
- 8 Departure aerodrome
- Time of departure (UTC) proposed/actual 9.
- 10 Cruising speed
- 11. Altitude / Level
- 12 Route
- 13 Destination aerodrome
- 14 Estimated elapsed time enroute (hrs & min)
- SAR time\* 15.

Not required in an ICAO flight plan/flight itinerary.

Alternate aerodrome(s) (if required) 16.

Other information 17.

18 Endurance (hrs & min)

19. Total no of persons on board

Type of emergency locator transmitter\* 20.

21. Survival equipment (type, jackets, dinghies)

22. Aircraft colour and markings

23. Remarks (regarding other survival equipment)

Arrival report - where it will be filed\* 24.

25. Name and number or address of person or company to be notified if SAR action initiated\*

Pilot's name 26.

27. Pilot's licence no (Canadian pilot licence

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
- Altitude 4
- 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

#### **PIRFP**

- 1. Location of phenomena in relation to NAVAID or aerodrome or coordinates and time
- 2 Altitude
- Aircraft type 3
- Cloud (Base, Amount, Top) 4

- 5. Temperature
  - 6 Wind direction and speed
  - 7. Turbulence (intensity, type, altitude)
  - 8 Icing (intensity, type, altitude)
  - Remarks a

### **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.
- 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 M4	ILS
B C	LPV (APV with SBAS) LORAN C	M1 M2	ATC SATVOICE (INMARSAT) ATC SATVOICE (MTSAT)
D	DME	M3	ATC SATVOICE (MTSAT) ATC SATVOICE (Iridium)
F1	FMC WPR ACARS	0	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
Н	HF RTF	R	PBN approved (see Note 4)
1	Inertial Navigation	S	Standard Equipment (see Note 1)
J1	CPDLC ATN VDL Mode 2 (see	T	TACAN
	Note 3)		
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	Χ	MNPS approved
	SATCOM (INMARSAT)		
J6	CPDLC FANS 1/A	Υ	VHF with 8.33 kHz channel spacing
	SATCOM (MTSAT)		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.



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### **EQUIPMENT PREFIXES AND SUFFIXES (Cont'd)**

#### NOTES:

- 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.
- 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).
- 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.
- 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

- E Transponder Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B) capability
- 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
- L Transponder Mode S, including aircraft identification, pressure-altitude, extended squitter (ADS-B) and enhanced surveillance 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.

PLANNING C5

### **EQUIPMENT PREFIXES AND SUFFIXES (Cont'd)**

#### ADS-B

- 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 will also need to include CANMANDATE in "Other Information" following the indicator SUR/.

Example: SUR/CANMANDATE

#### ADS-C

D1 ADS-C with FANS 1/A capabilitiesG1 ADS-C with ATN capabilities

Alphanumeric characters not indicated above are reserved.

Example: ADE3RV/HB2U2V2G1

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.



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RNAV Specifications to be Indicated in Flight Plan Item 18: Other Information	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

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PLANNING C7

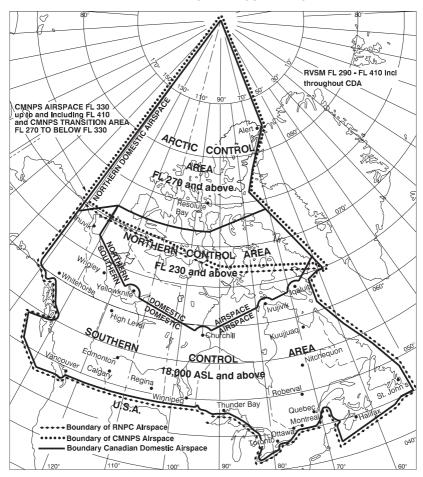
CAUTION: Pilots should select transponder codes with care so as to avoid inadvertent selection of emergency codes.

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**

- 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.
- 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**



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PLANNING C9

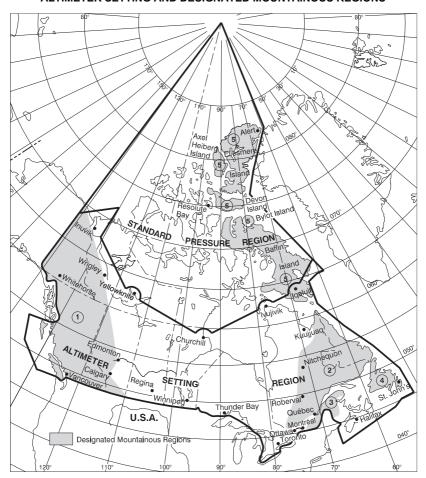
### NOTE:

 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.

PLANNING C11

#### 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, military operations areas or danger areas, and can be controlled airspace, uncontrolled airspace, or a combination of both.

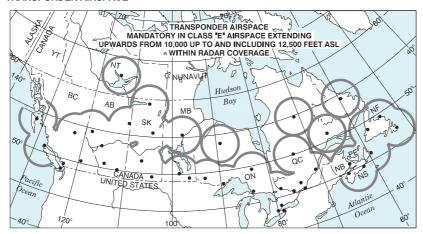
### Class "G" Airspace (IFR and VFR)

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
- all Class D and Class E airspace that is specified as "Transponder Airspace" in the Designated Airspace Handbook (DAH TP 1820E), as follows:
  - . 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

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xvii Moncton, NB xviii Gander, NL xix St. John's, NL

 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

- 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.
- RVSM cruising flight levels appropriate to aircraft track are applicable in Designated RVSM Airspace.

AL TITLIDES OF	AIRCRAFT TRACK		
ALTITUDES OR FLIGHT LEVELS	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.)	
	IFR and CVFR	IFR and CVFR	
BELOW 18,000 ASL: (FLY	ODD THOUSANDS, ASL (1000, 3000, 5000, ETC.)	EVEN THOUSANDS, ASL (2000, 4000, 6000, ETC.)	
CORRESPONDING FLIGHT LEVELS IN STANDARD	VFR	VFR	
PRESSURE REGION) FLY 2000' INTERVALS:	ODD THOUSANDS plus 500 FT ASL (3500, 5500, 7500, ETC.)	EVEN THOUSANDS plus 500 FT ASL (4500, 6500, 8500, ETC.)	

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C14 PLANNING

# CHARACTERISTICS OF AIRSPACE - Cont'd WEATHER MINIMA VFR FLIGHT

AIRSPACE	VFF	R WEATHER MINIMA
CONTROL ZONES	- FLIGHT VIS AND NOT LESS THA	O GROUND VIS WHEN REPORTED: N 3 MILES
	- DISTANCE FRO AND 500' VERT	M CLOUD: 1 MILE HORIZONTALLY ICALLY
	- DISTANCE FRO	OM GROUND OR WATER: 500'
ONTROL AREAS - FLIGHT VIS A NOT LESS TH		O GROUND VIS WHEN REPORTED: N 3 MILES
	- DISTANCE FRO AND 500' VERT	M CLOUD: 1 MILE HORIZONTALLY ICALLY
UNCONTROLLED AIRSPACE 1000 AGL OR	0.1	- FLIGHT VIS: NOT LESS THAN 1 MILE DAY, 3 MILES NIGHT
	ABOVE	- 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

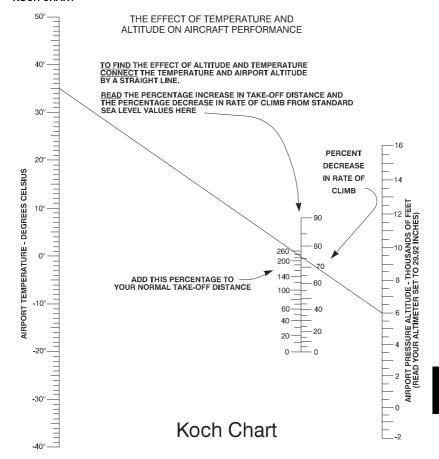
#### NOTES:

- 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.
- 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**



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

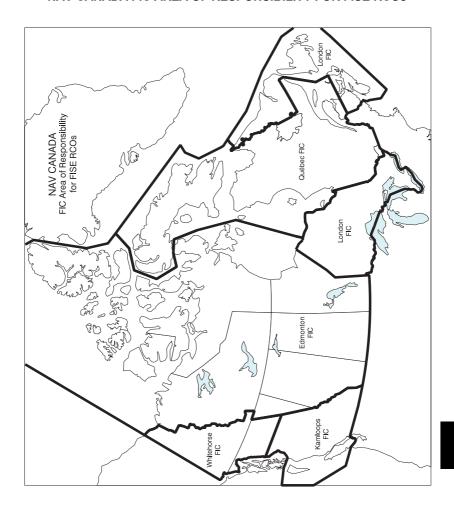
C16 PLANNING

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# NAV CANADA FIC AREA OF RESPONSIBILITY FOR FISE RCOs



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C18 PLANNING

## 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)

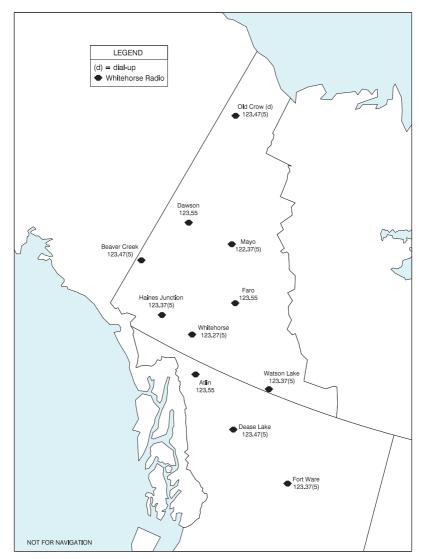
Mayo 122.375 (FISE) 126.7 (bcst) (N63 55 W135 23)

 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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C20 PLANNING

### **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)

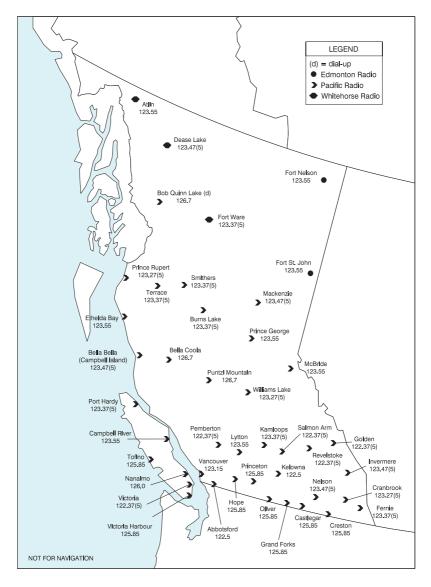
Tofino 125.85 (FISE) 126.7 (bcst) (N49 05 W125 51)

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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C22 PLANNING

### **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 (FISÉ) 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 (FISÉ) 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)

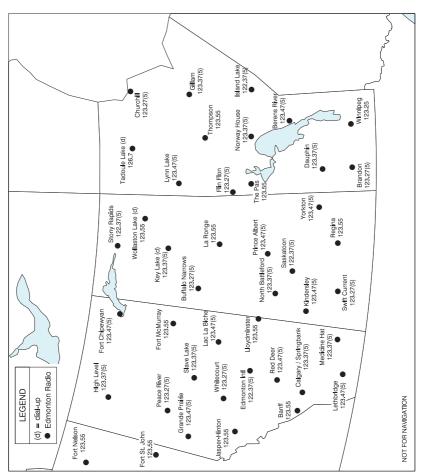
Thompson 123.55 (FISE) 126.7 (bcst) (N55 48 W97 51) Whitecourt 123.275 (FISE) 126.7 (bcst) (N54 09 W115 47)

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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C24 PLANNING

### **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 (FÍSE) 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)

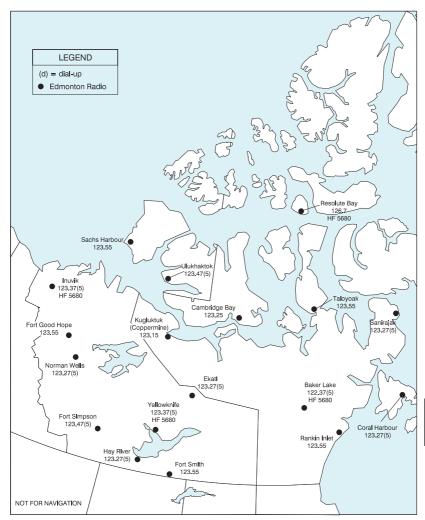
Sachs Harbour 123.55 (FISE) 126.7 (bcst) (N71 59 31 W125 14 28)

Sanirajak 123.275 (FISÈ) 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 (FÍSE)
 126.7 (bost)
 (N70 45 34 W117 48 26)

 Yellowknife
 123.375 (FISE)
 5680 (FISE)
 262.0 (FISE)
 126.7 (bost)
 (N62 28 W114 26)

# EDMONTON FIC FISE RCOs NORTH OF 60°N (Cont'd) (Call-Sign EDMONTON RADIO)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C26 PLANNING

#### **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)

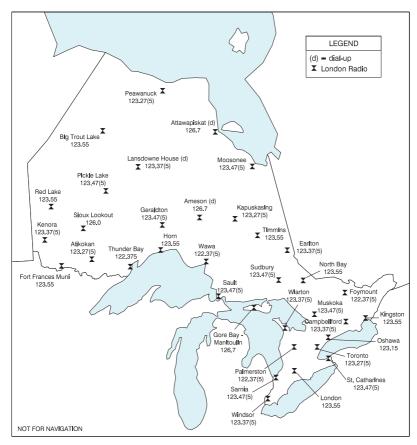
Thunder Bay 122.375 (FISE) 126.7 (bcst) (N48 22 W89 19)

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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C28 PLANNING

#### 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)

Kuujjuag 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 (FÌSE) 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)

Puvirnitug 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)

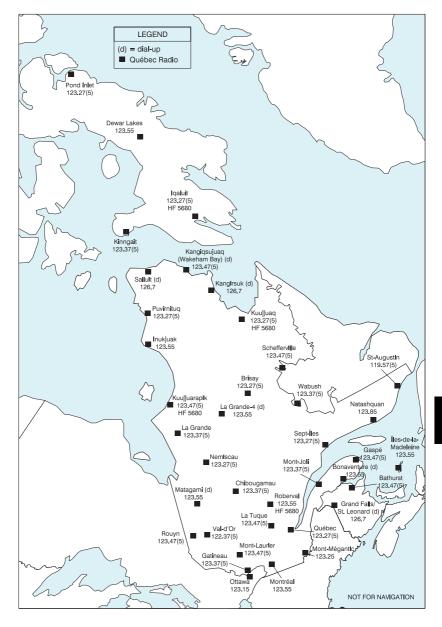
Schefferville 123,475 (FISE) 126,7 (bcst) (N54 49 W66 46)

 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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C30 PLANNING

### **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)

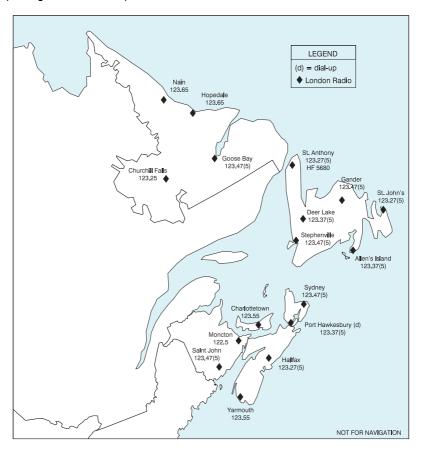
Port Hawkesbury 123.375 (FISE) 126.7 (bcst) DRCO (N45 39 W61 23)

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)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

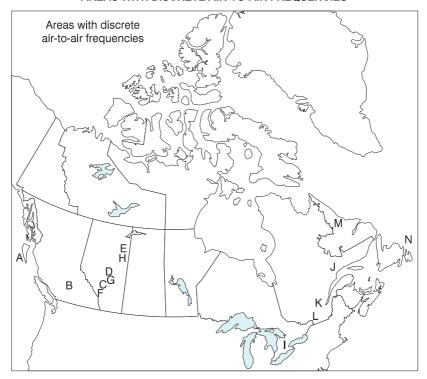
C32 PLANNING

INTENTIONALLY

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#### AREAS WITH DISCRETE AIR-TO-AIR FREQUENCIES



#### **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

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C34 PLANNING

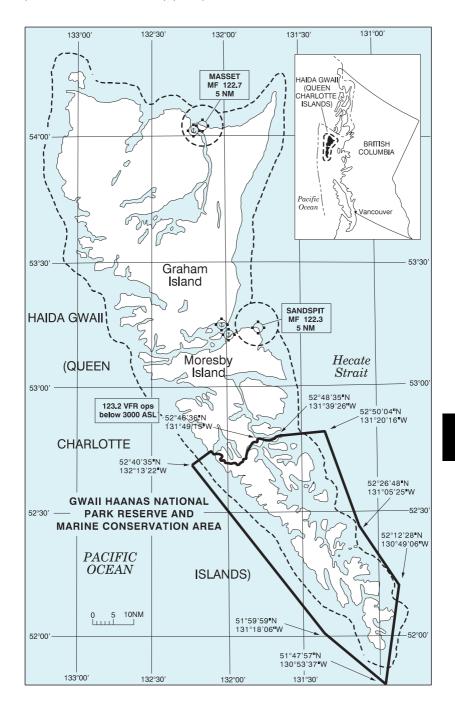
# BRITISH COLUMBIA – SPECIAL RADIO PROCEDURES IN THE VICINITY OF THE HAIDA GWAII (QUEEN CHARLOTTE ISLANDS)

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.

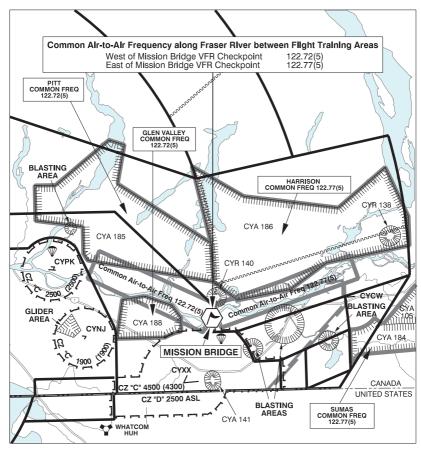
Pilots are reminded to follow the Aerodrome Traffic Frequency (ATF) procedures described in the TC AIM.

# BRITISH COLUMBIA – SPECIAL RADIO PROCEDURES IN THE VICINITY OF THE HAIDA GWAII (QUEEN CHARLOTTE ISLANDS) (Cont'd)

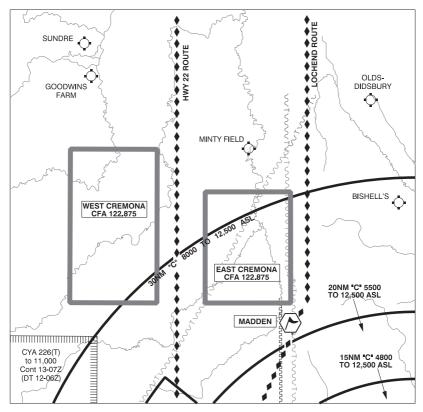


# BRITISH COLUMBIA – VFR COMMON AIR-TO-AIR TRAFFIC FREQUENCY FOR FRASER RIVER CORRIDOR

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:

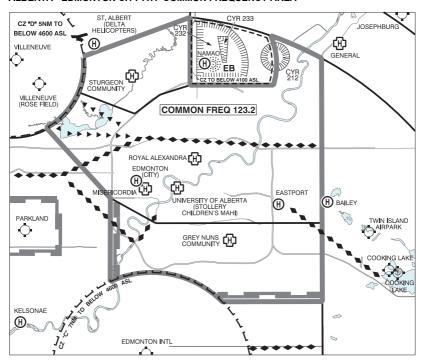
"CREMONA AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE FOUR MILES NORTHWEST OF CREMONA, CONDUCTING FLIGHT TRAINING AT 7000 FEET "

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.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C38 PLANNING

#### ALBERTA - EDMONTON CITY ATF COMMON FREQUENCY AREA

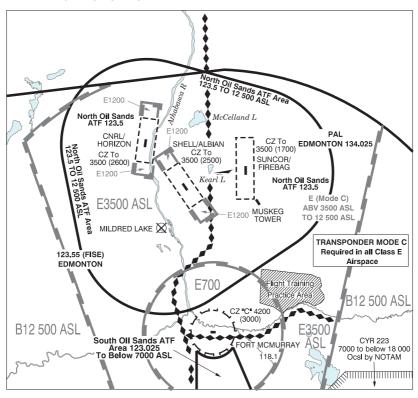


Pilots are encouraged to use the designated common frequency when operating below Class C airspace within the designated area. Radio transmissions on a common frequency should be the minimum required to provide the aircraft's position and pilot's intentions. Example transmission:

"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.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C40 PLANNING

#### 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.

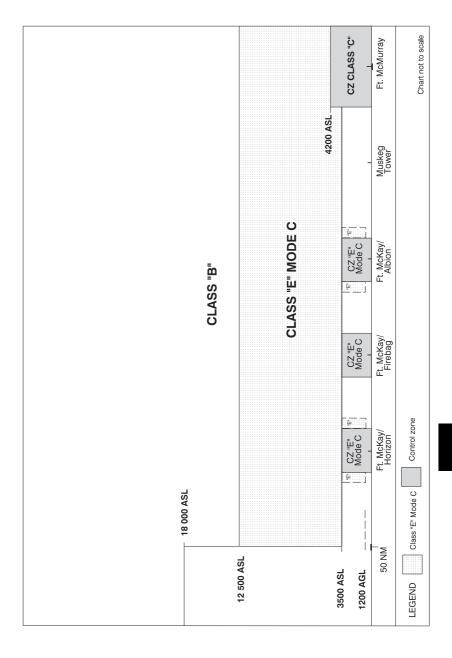
#### **FISE**

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.

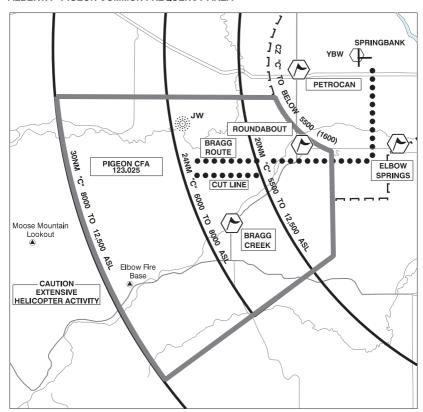
#### ATC

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).

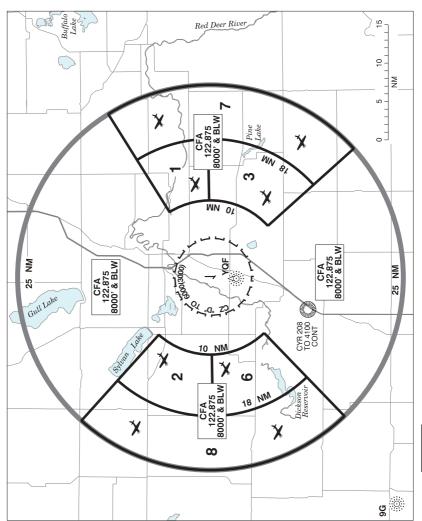
From May to September, extensive helicopter activity to and from the Elbow Fire Base and Moose Mountain Lookout.

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:

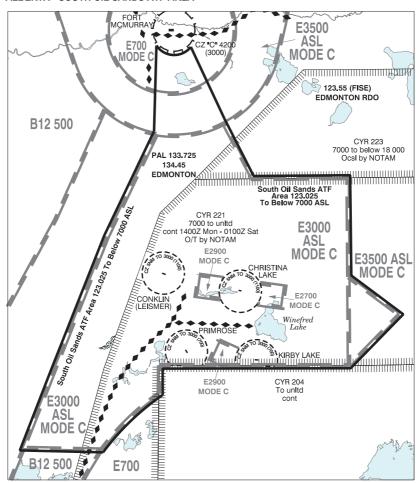
"RED DEER AREA TRAFFIC, CESSNA GOLF ALPHA BRAVO CHARLIE CONDUCTING UPPER AIR WORK WITHIN TRAINING AREA ONE BETWEEN FIVE THOUSAND AND SEVEN THOUSAND."

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 Itd hrs, O/T ATF

123.35 - Kirby Lake UNICOM(AU) ltd hrs, O/T ATF, AUTO 122.175

122.95 - Primrose UNICOM(AU) Itd hrs, O/T ATF

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

PLANNING C45

#### 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.

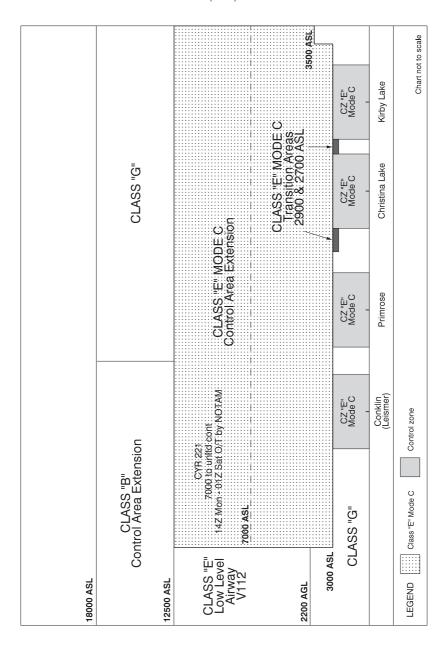
#### ATC

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.

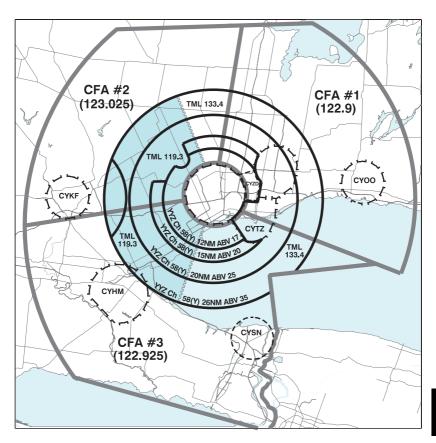
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C46 PLANNING

### 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.

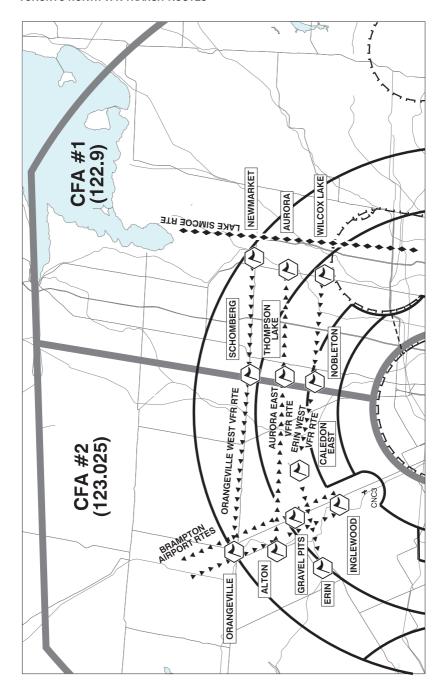
Transmissions on a CFA frequency should be limited to the minimum required to provide the aircraft's position and pilot intentions. Example transmission:

(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"

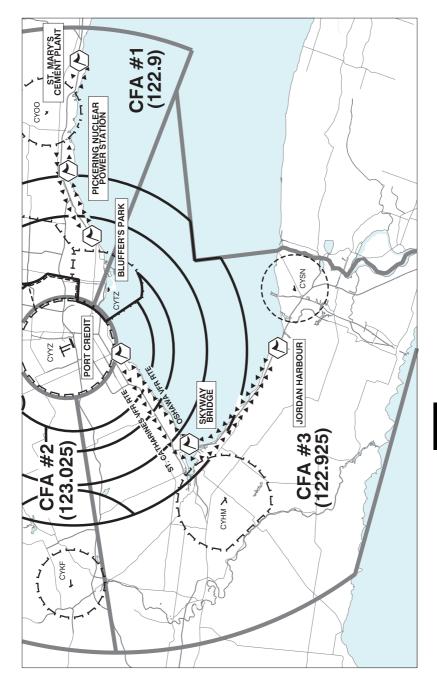
Flying within a CFA and using a CFA frequency does not alleviate a pilot from the responsibility for monitoring and/or communicating on, when required, an ATC frequency, aerodrome ATF or any other appropriate frequency.

## 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



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C50 PLANNING

#### 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.

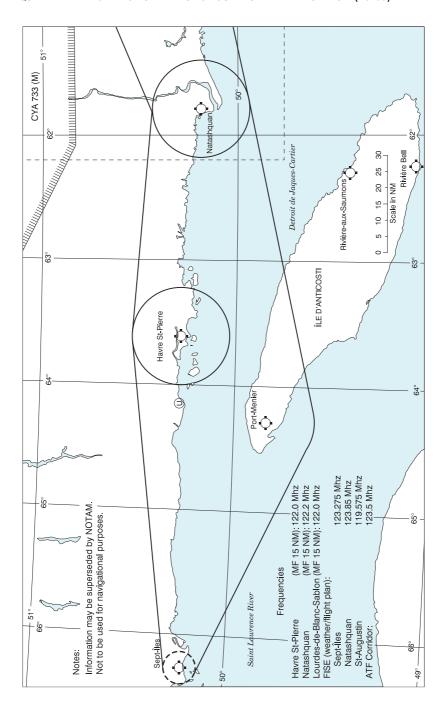
#### Exceptions:

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.

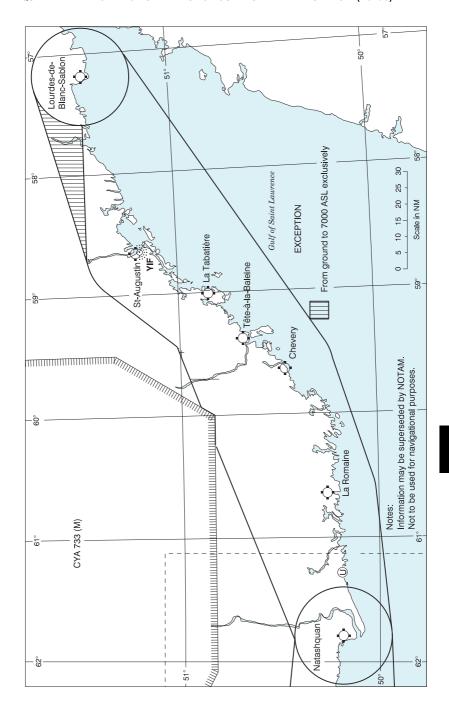
#### Procedures:

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.

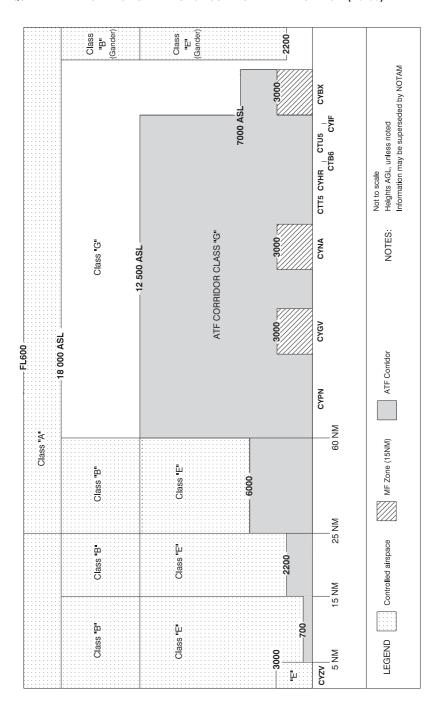
## QUEBEC - ATF CORRIDOR SEPT-ÎLES TO LOURDES-DE-BLANC-SABLON (Cont'd)



# 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

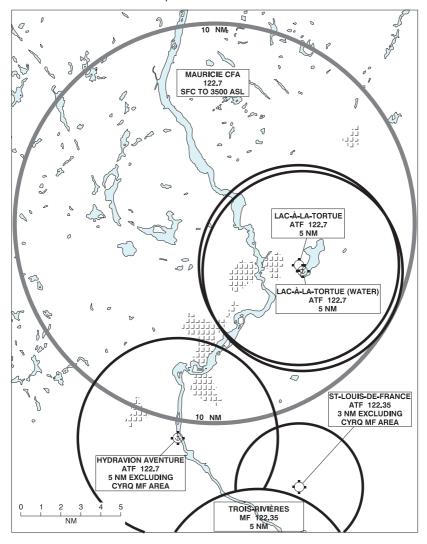
The common frequency area (frequency 122.7) extends from the surface to 3500 ASL inclusively.

### 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).

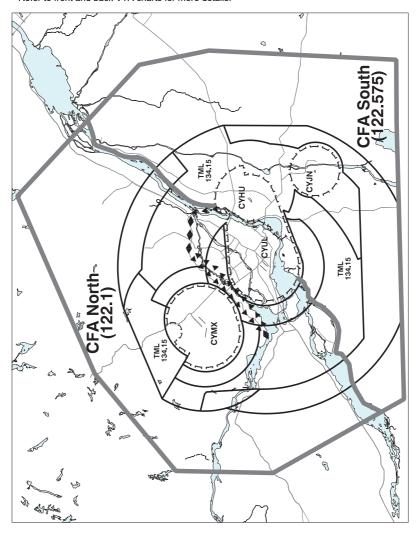
#### Procedures:

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.



PLANNING C57

#### 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:

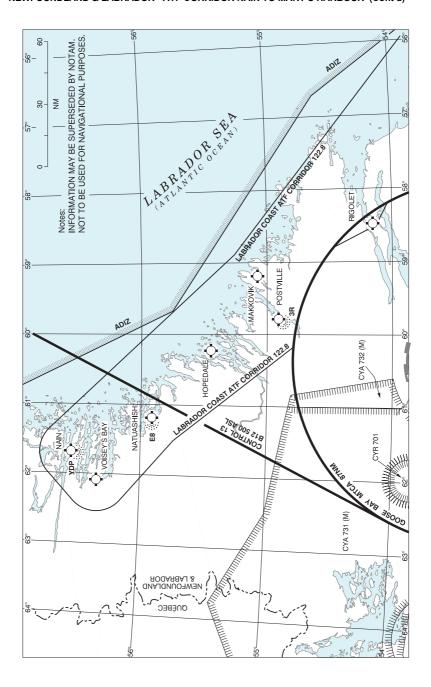
Pilots are reminded to follow the ATF procedures described in TC AIM RAC, published by Transport Canada.

Maps on following two pages.

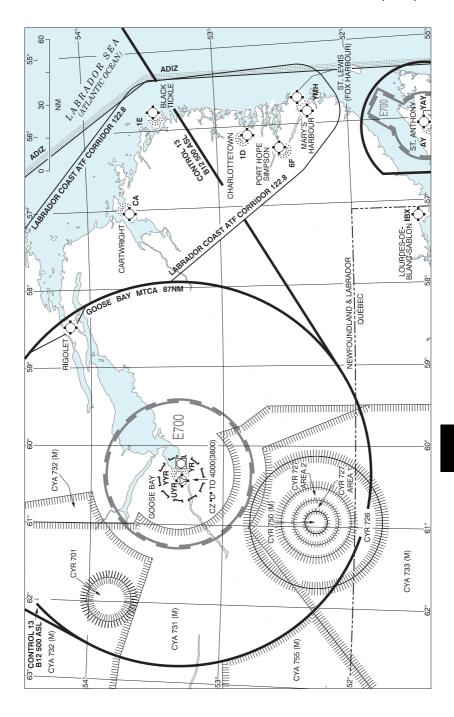
Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C58 PLANNING

# NEWFOUNDLAND & LABRADOR - ATF CORRIDOR NAIN TO MARY'S HARBOUR (Cont'd)



# NEWFOUNDLAND & LABRADOR - ATF CORRIDOR NAIN TO MARY'S HARBOUR (Cont'd)



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C60 PLANNING

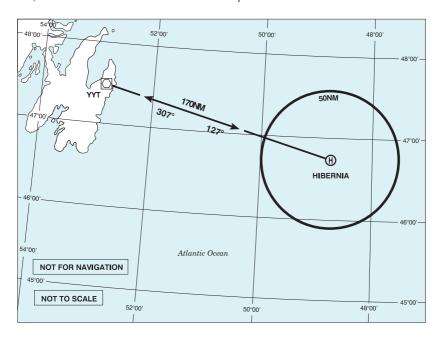
# NEWFOUNDLAND & LABRADOR OFFSHORE AIR TRAFFIC ACTIVITY AREA EAST OF ST. JOHN'S NL, FL55 AND BELOW

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" freg 353 at N60 38 10 W135 00 39 has been

Klondike (Whitehorse) NDB ident "ZXY" freq 353 at N60 38 10 W135 00 39 hadecommissioned.

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



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C62 PLANNING

### YUKON, NORTHWEST TERRITORIES AND NUNAVUT - AIRSPACE DESIGNATIONS (Cont'd)

# YUKON, NORTHWEST TERRITORIES AND NUNAVUT - DANGER, RESTRICTED & ADVISORY 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	0.87NM Radius	N64 51 37 W110 30 50
10.0NNE	Sfc to 1000 AGL	
CYCY	0.05NM Radius	N70 28 05 W68 31 44
1.1SSW	Sfc to 98 AGL	
CMR2	0.65NM Radius	N71 19 27 W79 13 41
2.4E	Sfc to 900 AGL	
CMR2	0.43NM Radius	N71 19 23 W79 19 06
0.7E	Sfc to 812 AGL	

## 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  $300^{\circ}$  or higher, and significant obstructions less than  $300^{\circ}$  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 **ELEV ASL** HGT AGL LOCATION (N)LAT (W)LONG CEC<sub>5</sub> 371 1063 N59 58 10 W111 49 02 3 4SF CFP8 (wind turbines) 279 N60 44 56 W135 14 18 5010 4.1SSW **CYBK** 373 40 N64 19 17 W96 06 17 **15NNW** CYEV (wind turbine) 1291 491 N68 21 23 W133 24 25 **3 6NNF**

#### **BRITISH COLUMBIA**

### **BRITISH COLUMBIA - AIR NAVIGATION RADIO AIDS**

Abbotsford NDB ident "XX" freq 363 at N49 00 55 W122 29 17 has been decommissioned.

Enderby DME ident "YNY" freq 99 coordinates changed to N50 39 01 W118 55 33.

Fairmont Hot Springs NDB ident "D6" freq 261 at N50 19 37 W115 52 36 has been decommissioned

Fort Nelson NDB ident "YE" freg 382 at N58 47 45 W122 43 21 has been decommissioned.

Hope NDB ident "HE" freq 245 at N49 23 11 W121 25 27 has been decommissioned.

Naramata (Penticton) NDB ident "UNT" freq 312 at N49 35 50 W119 36 10 has been decommissioned.

Okanagan (Penticton) NDB ident "ON" freq 356 at N49 20 33 W119 34 08 has been decommissioned.

Tofino NDB ident "YAZ" freq 359 at N49 02 49 W125 42 15 has been decommissioned.

Vancouver DME ident "IVR" freq 109.5 coordinates changed to N49 11 18 W123 12 03.

Vancouver NDB ident "VR" freq 266 at N49 10 22 W123 03 26 has been decommissioned.

White Rock (Abbotsford) ident "WC" freq 332 at N49 00 12 W122 45 01 has been decommissioned.

#### **BRITISH COLUMBIA - AIRSPACE DESIGNATIONS**

A16 has been revoked from Active Pass NDB to Can/USA bdry to White Rock NDB.

B13 has been revoked from Hope NDB to THYNE intxn to WHORT intxn to Kelowna NDB.

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.

G1 has been revoked from Tofino NDB to Nanaimo NDB.

V11 has been revoked from Pitt Meadows VOR to White Rock NDB.

V300 has been revoked from Tofino NDB to AVUMU intxn to OMVIN intxn to DUTOK intxn to Victoria VOR/DME to LIANO intxn to Vancouver VOR/DME.

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.

V304 has been revoked from Tofino NDB to Vancouver 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.

V495 has been revoked from Can/USA bdry to Abbotsford NDB.

The transition areas lying below the following airway segments are revoked:

В4

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



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C64 PLANNING

### **BRITISH COLUMBIA - DANGER, RESTRICTED & ADVISORY 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.

CYA105(A)(T)(H) Chiliwack has been redesignated as follow: The airspace within the area bounded by a line beginning at: N49°04'44.00 W121°23'23.00 to N49°15'00.00 W121°29'00.00 to N49°14'00.00 W121°41'30.00 to N49°06'33.93 W121°51'30.35 to N49°06'33.93 W121°45'00.00 to N49°06'33.93 W121°45'00.00 to N49°06'33.93 W121°45'00.00 to N49°06'33.93 W121°45'00.00 to N49°06'34.00 W121°23'23.00 point of beginning.

CYA184(A)(T)(H) Chiliwack has been redesignated as follow: The airspace within the area bounded by a line beginning at: N49°02'42.64" W121°56'40.00 to N49°06'10.00" W121°56'40.00 thence counter-clockwise along the arc of a circle of 3 miles radius centred on N49°09'10.00" W121°56'20.00 to N49°07'15.89" W121°52'48.13 to N49°06'33.93" W121°51'30.35 to N49°06'33.93" W121°45'00.00 to N49°04'00.00" W121°45'00.00 to N49°03'35.00" W121°55'30.00 to N49°02'42.64" W121°56'40.00 point of beginning.

CYA187(A)(T)(H) Sumas has been revoked.

### **BRITISH COLUMBIA - BLASTING OPERATIONS**

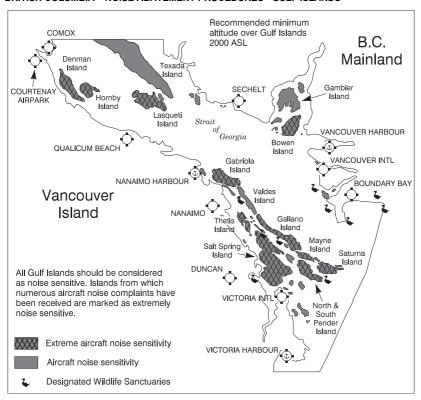
The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

GENERAL AREA	SITE	COORDINATES
CSM7	0.9NM Radius	N49 07 46 W122 10 38
1.7NNE	Sfc to 1969 AGL	
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)LONGC

### 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:

- 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 pilotin-command of the aircraft from this responsibility.
- 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).
- 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.

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C66 PLANNING

## 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.
- 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.

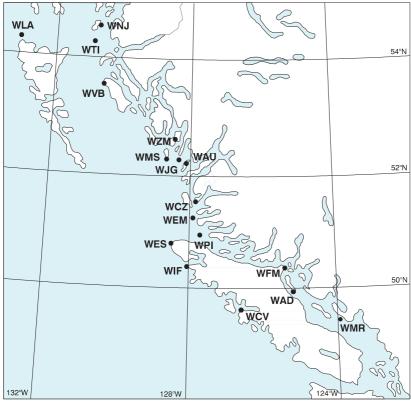
Notwithstanding the above recommendations, a NOTAM will be required if the blast site is within 5NM of an aerodrome or if the blaster elects not to utilize either of the above procedures. In any case, the NOTAM will have a maximum duration period of 14 days.

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

# MARINE WEATHER REPORTING STATIONS (WEST COAST LIGHT STATIONS AND COAST GUARD RADIO STATIONS)



STATION	OBSN/DAY	IDENT	LAT	LONG
Addenbroke Island	5	WCZ	N51 36	W127 52
Boat Bluff	5	WZM	N52 39	W128 31
Bonilla Island	3	WVB	N53 30	W130 38
Cape Mudge	5	WAD	N50 00	W125 12
Cape Scott	7	WES 71111	N50 47	W128 26
Chatham Point	4	WFM	N50 20	W125 26
Dryad Point	8	WAU	N52 11	W128 07
Egg Island	5	WEM	N51 15	W127 50
Green Island	5	WNJ	N54 34	W130 42
Ivory Island	5	WJG	N52 16	W128 24
Langara	7	WLA 71899	N54 15	W133 03
McInnes Island	6	WMS 71879	N52 16	W128 43
Merry Island	4	WMR 71204	N49 28	W123 55
Nootka	5	WCV	N49 36	W126 37
Pine Island	5	WPI	N50 59	W127 44
Quatsino	5	WIF	N50 26	W128 02
Triple Island	5	WTI 71100	N54 18	W130 53

Syno International—5 Figure Numerical Group

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C68 PLANNING

# **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**

ELEV ASL	HGT AGL	(N)LAT	(W)LONG
469	338	N49 03 14	W125 40 39
632	406	N49 10 40	W122 50 40
687	428	N49 10 49	W122 50 31
718	317	N49 14 00	W123 00 33
567	498	N49 15 53	W123 00 33
750		1140 40 00	14/100 00 00
752	592	N49 16 06	W123 00 09
457	400	NI40 40 00	14/400 00 04
457	422	N49 16 26	W123 08 34
400	207	NI40 40 44	14400 07 45
468	367	N49 16 41	W123 U7 45
191	430	N/0 17 2/	W123 07 49
401	433	1145 17 24	W123 07 49
1580	460	N/0 53 05	W119 29 49
1303	400	1149 55 65	W113 23 43
385	48	N49 57 23	W125 16 25
000	10	1110 07 20	***120 10 20
681	353	N50 34 35	W127 04 24
	469 632	469       338         632       406         687       428         718       317         567       498         752       592         457       422         468       367         481       439         1589       460         385       48	632 406 N49 10 40 687 428 N49 10 49 718 317 N49 14 00 567 498 N49 15 53 752 592 N49 16 06 457 422 N49 16 26 468 367 N49 16 41 481 439 N49 17 24 1589 460 N49 53 05 385 48 N49 57 23

#### **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".

Edmonton VOR ident "YEG" freq 117.6 at N53 11 08 W113 52 01 has been decommissioned.

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.

Olds-Didsbury NDB ident "K2" freq 376 at N51 42 36 W114 06 26 has been decommissioned. Wainwright DME ident "YWV" freq 114.5 at N52 58 53 W110 50 00 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 Edmonton VOR/DME to ABENY intxn to CACHO intxn to LETRM intxn to Fort McMurray VOR/DME.

V112 has been revoked from Fort McMurray VOR/DME to Fort Chipewyan NDB to Fort Smith VOR/DMF

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.



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C70 PLANNING

# ALBERTA - DANGER, RESTRICTED & ADVISORY 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

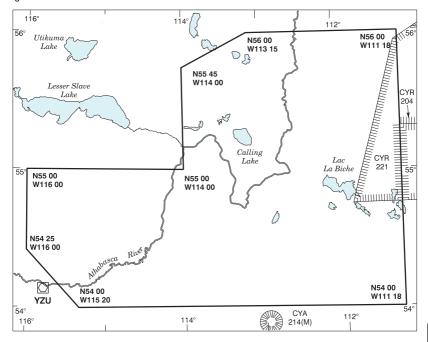
**ALBERTA - CONSERVATION** 

## **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.



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C72 PLANNING

# **ALBERTA - SIGNIFICANT OBSTRUCTION**

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
CMF3 (wind turbines)	3698	551	N49 32 48	W112 18 38
9.9E				
CFD4	3383	568	N49 36 02	W111 13 45
12.5NE				
CEF3	3033	336	N49 42 37	W111 05 01
14.2SE				
CEF3	3069	336	N49 44 56	W111 19 52
8.1S				
CEF3	3186	361	N49 44 56	W111 16 33
8.4SSE				
CEF3	3189	361	N49 45 03	W111 16 20
8.3SSE				
CZF3 (wind turbines)	4035	533	N49 47 43	W110 22 54
17.0SE	0004	221	1110 10 00	14/4/4 40 50
CEF3	3081	361	N49 48 06	W111 19 58
4.98	0004	221	1110 10 10	14/4/4 40 40
CEF3	3081	361	N49 48 13	W111 19 43
4.8S	0047	240	NEO 00 40	W/440 FC 40
CMH5	2947	349	N50 08 16	W110 56 10
10.9NW	0705	044	NEO 40 00	W440 40 47
CVH7 (wind turbines)	3735	641	N50 18 06	W112 46 17
19.6ESE	2005	EE1	N50 42 56	W444 07 0E
CJF4 (wind turbines)	2985	551	NOU 42 00	W111 07 05
19.7WSW CJF4 (wind turbines)	3068	551	N50 43 47	W111 02 56
16.9WSW	3000	331	1100 40 47	WIII 02 30
CJF4 (wind turbines)	3029	552	N50 44 26	W111 07 40
19.4WSW	0023	002	1100 44 20	WIII 07 40
CJF4 (wind turbines)	3077	551	N50 44 35	W111 02 29
16.3WSW	0011	001	1100 11 00	***************************************
CEL2	3766	322	N51 02 20	W114 04 21
0.9SSE				
CDO2	3509	313	N51 14 02	W112 28 58
6.1SE				
CED3 (wind turbines)	3261	591	N51 19 03	W110 34 30
3.3WSW				
CER2	3009	328	N51 57 11	W111 54 20
15.9S				
CER2 (wind turbines)	3356	551	N52 09 12	W112 12 59
11.1WSW				
CER2	3079	313	N52 10 18	W112 12 06
10.2WSW				
CVH2 (wind turbines)	2997	640	N53 10 56	W111 08 23
14.2SW				
CFH7	2583	396	N53 32 31	W113 30 22
1.0SSW				
CEE6	2716	350	N53 34 18	W113 00 52
7.8NE				

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Effective 0901Z 21 March 2024	to 09012 17 April 2025	)		PLANNING C73
ALBERTA - SIGNIFICAN		` '		
LOCATION CYET	<b>ELEV ASL</b> 3167	HGT AGL 190	( <b>N)LAT</b> N53 34 29	<b>(W)LONG</b> W116 25 44
1.3ESE	3107	190	1100 04 29	W110 23 44
CJJ3	2892	358	N53 36 03	W114 58 48
10.6ENE				
CYLB	2411	295	N54 49 18	W112 19 14
10.5WNW				
CSL6	2278	349	N55 19 16	W115 23 24
20.9W CYPE	2215	354	N56 04 25	W117 18 16
10.4SSE	2215	334	1130 04 23	W117 10 10
CFT8	2284	247	N56 09 11	W113 27 45
0.6SE				
CYPE	2260	354	N56 13 01	W117 05 08
12.2E				
CFT8	2334	300	N56 23 11	W113 00 28
20.7NE	0000	400	1150 04 40	
CFM6	2328	492	N56 31 43	W113 28 13
22.0ENE CYMM	1310	135	N56 39 34	W111 15 11
1.1WNW	1310	133	1130 39 34	WIII 13 11
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	1000	320	1130 30 20	WIII 17 13
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	1000	400	NET 40 05	W444 04 04
CAL4	1382	400	N57 16 25	W111 31 21
4.5NW CYNR	1355	394	N57 19 44	W111 35 46
4.7SE	1000	334	1107 19 44	WIII 33 40
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	1297	349	N58 31 17	W/11E 00 10
CFG5 1.9NNW	1297	349	N30 31 17	W115 09 19
CYOJ	1205	100	N58 36 40	W117 09 47
0.6S	1200	.00	00 10	00 17
CFG5	3215	295	N58 41 10	W114 59 41
12.5NNE				

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C74 PLANNING

#### **SASKATCHEWAN**

### SASKATCHEWAN - AIR NAVIGATION RADIO AIDS

Cluff Lake NDB ident "3X" freq 243 at N58 21 37 W109 31 30 has been decommissioned.

Prince Albert NDB ident "PA" freq 347 at N53 13 05 W105 47 43 has been decommissioned.

Saskatoon NDB ident "XE" freq 257 at N52 11 23 W106 48 50 has been decommissioned.

Saskatoon VORTAC ident "YXE" freq 116.2 at N52 10 52 W106 43 11 has been decommissioned.

Yellowhead (Saskatoon) NDB ident "ZSS" freq 397 at N52 14 30 W106 44 27 has been decommissioned.

Yorkton VOR ident "YQV" freq 115.8 at N51 15 51 W102 28 07 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.

V302 has been revoked from Saskatoon VORTAC to Yorkton VOR/DME to Langruth VOR/DME.

V303 has been revoked from Swift Current VOR/DME to Saskatoon VORTAC to Prince Albert VOR/DME.

V306 has been revoked from Dauphin MB VOR/DME to Yorkton VOR/DME to Lumsden VORTAC to Saskatoon VORTAC.

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.

V353 has been revoked from Prince Albert VOR/DME to Yorkton VOR/DME to Brandon VOR/DME.

# SASKATCHEWAN - DANGER, RESTRICTED & ADVISORY 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

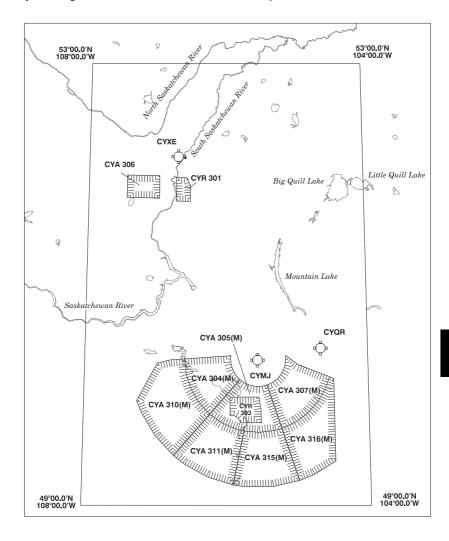
(N)LAT

(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 W108 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



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C76 PLANNING

### 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
CKD5 (wind turbines)	3179	607	N49 58 07	W102 36 57
7.9S				
CYMJ	2946	571	N50 23 24	W105 55 37
14.6WNW				
CYQV	2334	616	N51 12 33	W102 44 01
10.8WSW				
CJD3	1833	353	N53 01 04	W105 05 17
13.0E				

PLANNING C77

#### 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. Lynn Lake NDB ident "YL" freq 395 at N56 49 51 W101 04 13 has been decommissioned.

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 04 51 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.

V302 has been revoked from Yorkton VOR/DME to Langruth 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 redesignated from Brandon VOR/DME to SAVOD intxn to Langruth VOR/DME.

V353 has been revoked from Yorkton VOR/DME to Brandon VOR/DME.

#### MANITOBA - DANGER, RESTRICTED & ADVISORY 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** 

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C78 PLANNING

# **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
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" freg 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.

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.

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 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



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

C80 PLANNING

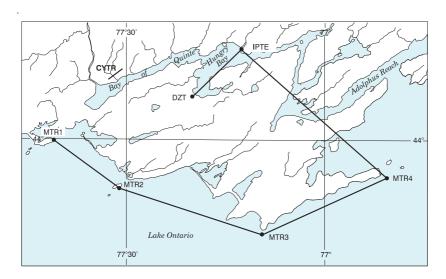
# ONTARIO - HAZARDS TO AIRCRAFT OPERATIONS)

# 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

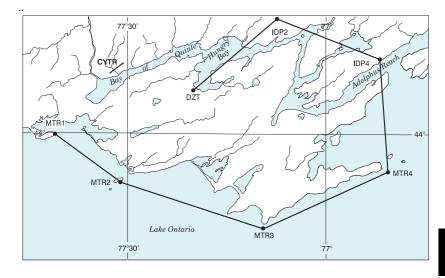


# ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd) Military Training Route (MTR) 601A - IFR Airdrop with 15 NM run-in to DZ Terreau

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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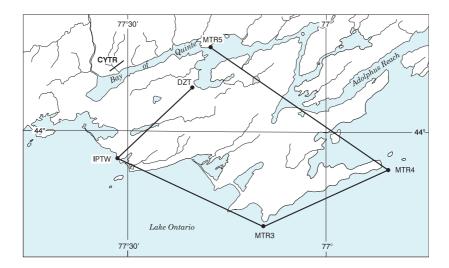
C82 PLANNING

# 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

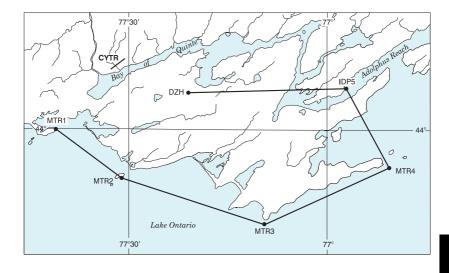


# ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd) Military Training Route (MTR) 603

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



Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

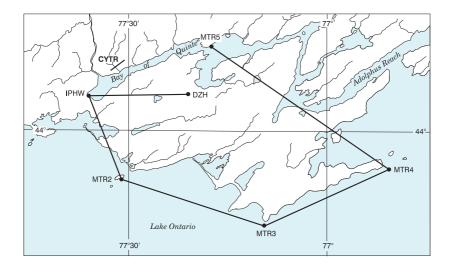
C84 PLANNING

# 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

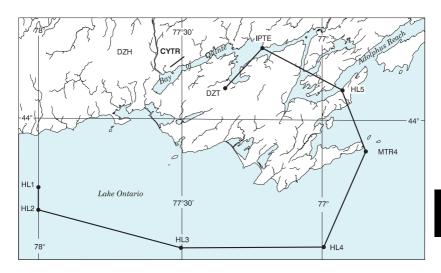


# ONTARIO – HAZARDS TO AIRCRAFT OPERATIONS (Cont'd) Military Training Route (MTR) 605 - Hi-Low Transition Route - Visual Airdrop

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

l43 51.00	W078 00.00	Waypoint
143 48.00	W078 00.00	Waypoint
143 43.00	W077 30.00	Waypoint
143 43.00	W077 00.00	Waypoint
143 55.60	W076 51.00	False Duck Island
144 03.80	W076 56.00	Waypoint
144 09.40	W077 12.70	IP DZ Terreau East
144 04.11	W077 20.61	DZ Terreau
1	43 48.00 43 43.00 43 43.00 43 55.60 44 03.80 44 09.40	43 48.00 W078 00.00 43 43.00 W077 30.00 43 43.00 W077 00.00 43 55.60 W076 51.00 44 03.80 W076 56.00 44 09.40 W077 12.70





Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

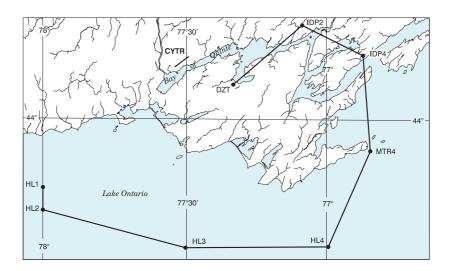
C86 PLANNING

# 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 CNG8	ELEV ASL 963	HGT AGL 341	<b>(N)LAT</b> N43 05 19	<b>(W)LONG</b> W79 05 10
1.1SSE CWD3 1.7SW	1787	1000	N43 18 14	W79 57 41
CPL4 1.4NW	932	312	N43 18 18	W81 44 08
CYKF 5.2W	1567	485	N43 27 06	W80 29 50
CPK6 2.8ENE	1230	718	N43 34 58	W79 38 48
CPK6 2.8ENE	1034	521	N43 35 00	W79 38 47
CPY5 3.3WSW	802	359	N43 35 17	W79 37 36
CPY5 3.4WSW	1010	555	N43 35 25	W79 37 53
CPA5 2.6S	957	395	N43 36 29	W79 39 20
CNW8 0.6S	1292	1010	N43 38 50	W79 23 19
CNW8 0.6SSW	801	515	N43 38 50	W79 23 31
CPY5 2.4NE	704	303	N43 38 54	W79 31 36
CPY5 3.9ENE	864	513	N43 38 57	W79 29 08
CTM4 0.8ESE	597	344	N43 38 58	W79 21 40
CTM4 0.5ESE	675	414	N43 39 03	W79 22 03
CTM4 0.6ESE	632	363	N43 39 08	W79 21 55
CTM4 0.2E	642	361	N43 39 14	W79 22 26
CNW8 2.1W	774	409	N43 39 31	W79 26 11
CNW8 2.1W	731	361	N43 39 34	W79 26 08
CNW8 0.9N	1088	707	N43 40 17	W79 23 20
CNY8 4.0ESE	845	417	N43 41 16	W79 17 50
CNY8 1.9E	787	370	N43 42 59	W79 19 58
CYZD 2.8NE	923	347	N43 46 18	W79 24 51

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# ONTARIO - SIGNIFICANT OBSTRUCTIONS (Cont'd)

LOCATION CYZD	ELEV ASL 957		(N)LAT N43 46 46	
3.2NE				
CYZD	1106	471	N43 47 11	W79 32 51
4.4NW				
CBP7	1199	295	N44 12 12	W78 52 31
2.9W				
CKP4	1230	300	N44 25 36	W78 53 40
5.2SE				
CYVV	820	131	N44 43 51	W81 07 59
1.3SW				
CBG6	1240	305	N44 48 42	W77 10 58
10.8W				
CYSH	683	305	N44 49 46	W75 48 50
8.8SE				
CNC9	1060	305	N44 54 22	W76 34 22
13.6W				
CNS4	535	305	N45 16 00	W74 30 48
5.9SE				
CSU8	1276	338	N46 25 52	W81 01 27
1.4SE	1005	222	1110 10 00	14/00 50 00
CJC7	1925	609	N48 48 29	W93 53 09
7.5SSW	4000	240	N/40 40 40	W00 00 00
CYSP	1999	316	N48 48 40	W86 26 03
4.8NW CPV8	1343	372	N52 59 47	W92 48 49
** **	1343	312	N32 39 47	VV92 40 49
0.9ENE CNM5	1018	139	N53 02 29	W80 55 26
3.0NW	1010	139	1100 02 29	VV09 33 20
3.UNW CYTL	732	30	N53 48 53	W80 53 21
0.3SE	132	30	1400 40 00	VV03 33 21
0.00L				

#### 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



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## QUEBEC - BLASTING OPERATIONS (Cont'd)

The following is a list of locations where road construction, open-pit mine or quarry blasting operations are conducted.

CTA5	0.5NM Radius	N48 07 41 W78 06 04
9.0WNW	Sfc to 2000 AGL	
CSD5	1.5NM Radius	N52 50 12 W67 18 16
7.6WNW	Sfc to 4200 AGL	
CSZ9	0.54NM Radius	N54 59 09 W67 12 57
17.2WNW	Sfc to 656 AGL	
CSZ9	0.54NM Radius	N55 01 28 W67 16 59
20.4NW	Sfc to 656 AGL	
CSZ9	0.54NM Radius	N55 04 31 W67 17 45
22.7NW	Sfc to 984 AGL	
CTP9	0.49NM Radius	N61 29 26 W74 01 01
22.5WSW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 30 32 W73 45 43
15.6SW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 30 58 W73 46 09
15.6SW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 31 03 W73 47 20
16.0WSW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 32 41 W73 36 00
10.7SW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 33 24 W73 28 03
7.6SSW	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 34 28 W73 15 19
5.6SSE	Sfc to 3000 AGL	
CTP9	0.49NM Radius	N61 34 44 W73 13 11
5.8SSE	Sfc to 3000 AGL	

# **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

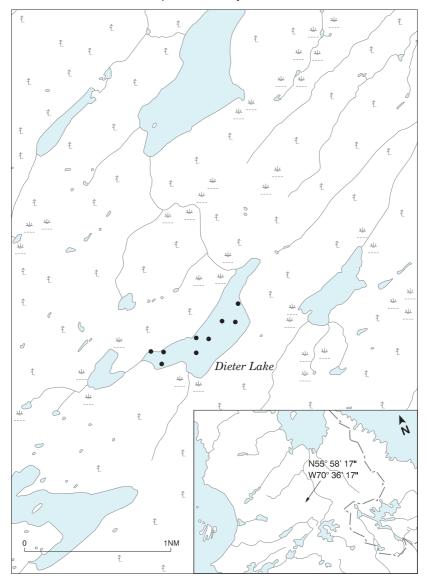
Trois-Rivières (Soaring) 3NM around A/D Daily Sat, Sun & hols, up to 3000 ASL mid-Apr to mid-Jun &

mid-Apr to mid-Jun & mid-Aug to end of Oct

# QUEBEC - HAZARDS TO AIRCRAFT OPERATIONS (Cont'd) DIETER LAKE

Transport Canada has been informed that a potential hazard may occur when maneuvering for landing and take-off operations on Dieter Lake, 55°58'17"N 70°36'17"W, in northern Quebec (approximately 145 NM southwest of Kuujjuaq [CYVP]).

During drilling operations for mining exploration at Dieter Lake, posts were installed in the lake and were not removed. The posts may protrude approximately 6 inches above or be buried approximately 6 inches below the surface of the water. The approximate position of these posts is indicated on the sketch below by black dots. Pilots are advised to be vigilant when checking the surface of the lake. Pilots are also asked to advise Transport Canada of any known similar cases.



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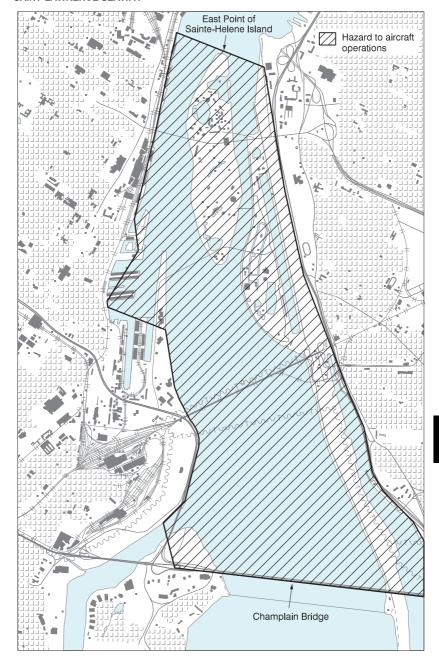
C92 PLANNING

# 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



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# **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					
LOCATION	ELEV ASL	HGI AGL	(N)LAI	(W)LONG	
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					
CPT9	443	180	N46 45 25	W71 07 16	
0.5W					
CTH6	1686	305	N47 31 17	W72 42 46	
4.5NE					
CYCL	2162	410	N48 08 08	W66 07 04	
12.2NE					
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	705	407	NEO 40 00	14/00 04 00	
CYVP	725	197	N58 13 38	W68 21 33	
8.2NNE					

PLANNING C95

## 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 DME "YFC" freq 113.0 at N45 53 41 W66 25 08 has been decommissioned.

Miramichi NDB ident "F9" freq 520 at N47 00 36 W65 28 03 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

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/DMF to Moncton VOR/DMF

V312 has been revoked from Halifax VOR/DME to IGTAS intxn to NOTOP intxn to Sydney VOR/DME to ATLAN intxn.

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 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

Sfc to 300 AGL 2.7SSE



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20.6SSW

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.

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MARITIME PROVINCES	- SIGNIFICANT C	BSTRUCTIONS				
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						
CDA4	375	303	N47 22 48	W64 58 56		

#### **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 Quagtag NDB to Frobay (Igaluit) 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 NI 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 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	0.3NM Radius	N48 21 31 W57 11 05		
43.4SSE	Sfc to 656 AGL			
CCT5	0.3NM Radius	N48 23 35 W57 05 55		
43.1SSE	Sfc to 656 AGL			
CCT5	0.1NM Radius	N48 42 36 W56 52 03		
35.5ESE	Sfc to 492 AGL			

### **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	646	42	N47 38 43 W52 46 50
2.0NW			
CDA5	1883	331	N47 57 54 W59 07 09
13.8NE			
CDA5	1680	331	N48 01 43 W59 02 40
18.7NE			



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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

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# RADIO NAVIGATION AND COMMUNICATIONS D1

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## D2 RADIO NAVIGATION AND COMMUNICATIONS

#### 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**

INDICA	ATOR NAME	(N)LAT	(W)LONG	VAR/ CLAS	s
	Α				
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	
	В				
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		
ВТ	Bjargtangar, Iceland, NDB	65 30.2	24 32.0		
B5	Gunisao Lake, MB, NDB	53 31.3	96 22.5	3E	
	С				
CA	Cartwright, NL, NDB	53 42.5	57 01.3	22W	
СВ	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	102	
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	
D3	, ,	32 41.0	110 00.4	146	
	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 AND COMMUNICATIONS D3

INDIC	ATOR NAME	(N)LAT	(W)LONG	VAR/ CLASS
	F			DEC
FC	Fredericton, NB, NDB	45 55.0	66 36.0	17W
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
FS	Fort Simpson, NT, NDB	61 47.2	121 15.7	19E
		02	.2	.02
0.4	G	05 50 7	47.07.0	
GA	Gardur (Husavik), Iceland, NDB	65 52.7	17 27.8	0.45
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
110	H	05.07.0	45.00.5	
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	
НО	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	
	1			
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	Ē
IEV	Inuvik, NT, DME	68 18.2	133 29.9	Ĺ
IFB	Igaluit, NU, DME	63 45.0	68 32.7	Ĺ
IFZ	Vancouver, BC, DME	49 11.0	123 09.9	Ĺ
IGY	Calgary, AB, DME			L
		51 07.5	114 02.1	
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

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D4 RADIO NAVIGATION AND COMMUNICATIONS

# RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

	RADIO NAVIGATION AIDS BY INDICATOR (COILLY)				
INDICA	ATOR NAME	(N)LAT	(W)LONG	VAR/ CLASS DEC	
IJS	Toronto, ON, DME	43 39.7	79 37.2	L	
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	Ē	
IYC	Calgary, AB, DME	51 06.0	114 01.4	Ē	
IYE	Fort Nelson, BC, DME	58 50.1	122 36.7	Ē	
IYF	Penticton, BC, DME	49 27.2	119 36.2	Ē	
IYQ	Churchill, MB, DME	58 44.9	94 04.9	Ĺ	
IZT	Port Hardy, BC, DME	50 40.5	127 21.2	Ĺ	
	•	00 10.0	127 21.2	_	
JA	J Ilulissat, Gnld, DME	69 14.5	51 04.0		
JAN	Jan Mayen, Norway, NDB	70 56.7	8 40.2		
JAN	Julianehaab, Gnld, NDB		46 02.0		
J۷	· · ·	60 43.5			
JV	Ilulissat, Gnld, NDB	69 14.6	51 04.7		

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# RADIO NAVIGATION AND COMMUNICATIONS D5

RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)					
INDICA	ATOR 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		
KR	Squaw (Schefferville), QC, NDB	54 48.0	66 48.2	22W	
ΚZ	Buttonville, ON, NDB	43 56.0	79 19.7	11W	
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	
	М				
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	
MO	Moosonee, ON, NDB	51 16.9	80 37.7	13W	
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		
NE	Norway House, MB, DME	53 58.3	97 50.5		U
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		
NIC	Nareag Cold NDB	60 53 0	46.00.8		



46 00.8

21 57.8

64 52.1

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D6 RADIO NAVIGATION AND COMMUNICATIONS

INDICATOR NAME		(N)LAT	(W)LONG	VAR/ CLASS DEC		
	_					
00	O Issland NDD	00.00.0	00.44.0			
OG OK	Ogur, Iceland, NDB	66 02.6	22 41.3			
OLM	Keflavik, Iceland, NDBOlympia, WA, VORTAC	64 03.0 46 58.3	22 36.3 122 54.1	19E		
OZN	Prins Christian Sund, Gnld, NDB	60 03.5	43 09.8	190		
OZIN	Fillis Cillistian Sunu, Giliu, NDB	00 03.5	43 09.6			
Β.	P. Detrolofication Incland NDD	05.00.5	00.50.0			
PA PAE	Patreksfjordur, Iceland, NDB	65 33.5	23 58.3	205		
PAE	Paine (Snohomish Co (Paine Fld)), WA, VOR/DME	47 55.2 48 59.7	122 16.7 95 58.9	20E 4E		
PG	Piney Pinecreek, MN, NDB Portage (Southport), MB, NDB	49 50.5	98 10.8	4E 4E		
PR	Prince Rupert, BC, NDB	54 15.8	130 25.4	4E 19E		
1 11	Time Nupert, DO, NDD	34 13.0	100 20.4	13L		
014	Q	40.00.0	04.04.0	4014/		
QM	Moncton, NB, NDB	46 06.6	64 34.9	18W		
QR	Regina, SK, NDB	50 22.2	104 34.4	9E		
QT	Thunder Bay, ON, NDB	48 20.8	89 26.0	3W		
	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	40144		
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			
C 4	S Chari Isoland NDD	04.40.4	04.50.0			
SA	Skagi, Iceland, NDB	64 18.4	21 58.3			
SC	Scoresbysund, Gnld, NDB	70 29.2	21 57.6			
SD SEA	Slettuhlid, Iceland, NDB	66 04.0	19 20.1	22E		
SF	Seattle, WA, VORTACSondre Stromfjord, Gnld, NDB	47 26.1	122 18.6	220		
SM	Skagata, Iceland, NDB	66 58.1 66 07.2	50 56.7 20 06.2			
SMA	Santa Maria, Azores, NDB	36 59.8	25 10.6			
SN	St. Catharines, ON, NDB	43 08.8	79 15.3	10W		
SP	St-Pierre, France, DME	46 46.0	56 10.2	1000		
SP	St-Pierre, France, NDB	46 45.8	56 10.2	19W		
SS	Fjord (Sondrestrom), Gnld, TACAN	67 01.0	50 42.7	1011		
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		
	_					
TH	T 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		

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# RADIO NAVIGATION AND COMMUNICATIONS D7

# RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICATOR NAME		(N)LAT	(W)LONG	VAR/ C	LASS
UDE	Delta, MB, NDB	50 10.0	98 18.4	4E	
ULT	Alert, NU, DME	82 31.0	62 18.7		
UM	Churchill Falls, NL, NDB	53 35.4	64 14.1	22W	
UOD	Cold Lake, AB, TACAN	54 24.5	110 17.8	16E	
UP	Upernavik, Gnld, NDB	72 47.6	56 09.2		
UQQ	Comox, BC, TACAN	49 42.7	124 53.7	19E	
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	24W	
UZX	Greenwood, NS, TACAN	44 59.0	64 55.2	19W	
	V				
VBI	Sioux Narrows (Kenora), ON, VOR/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, VOR/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	



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D8 RADIO NAVIGATION AND COMMUNICATIONS

# RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICA	FOR NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
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	
YBC	Baie-Comeau, QC, VOR/DME	49 08.0	68 13.3	18W	
YBG	Bagotville, QC, NDB	48 20.0	71 08.8	18W	
YBK	Baker Lake, NU, VOR/DME	64 19.3	96 06.3		
YBL	Campbell River, BC, NDB	50 00.4	125 21.5	18E	
YBR	Brandon, MB, VOR/DME	49 54.6	99 56.7	5E	
YCB	Cambridge Bay, NU, VOR/DME	69 07.1	105 10.4		
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		Ū
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	
YDL	Dease Lake, BC, NDB	58 27.2	129 59.8	21E	
YDN	Dauphin, MB, DME	51 06.3	100 03.1	5E	
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		Ü
YEE	Midland, ON, DME	44 34.9	79 47.6		Ü
YEG	Edmonton, AB, DME	53 11.1	113 52.0		Ü
YEK	Arviat, NU, NDB	61 05.9	94 04.1		Ü
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	
YEX	Edmonton, AB, DME	53 18.2	113 35.6		Ü
YFB	Frobay (Igaluit), NU, VOR	63 44.5	68 28.4	28W	
YFC	Fredericton, NB, VOR	45 53.7	66 25.1		U
YFF	Fort McMurray, AB, DME	56 39.2	111 20.1		Ü
YFS	Fort Simpson, NT, VOR/DME	61 46.4	121 17.9	20E	
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		Ü
YGL	La Grande Riviere, QC, VOR/DME	53 37.5	77 43.0	16W	
YGP	Gaspe, QC, VOR/DME	48 45.8	64 24.3	19W	
YGQ	Geraldton, ON, VOR/DME	49 46.2	86 59.1	5W	
YGR	Grindstone (Îles-de-la-Madeleine), QC, DME	47 25.8	61 46.4	٠	Ü
YGU	Gillam, MB, DME	56 21.4	94 42.2		Ü
YGX	Gillam, MB, NDB	56 21.2	94 42.0	1E	
YHY	Hay River, NT, VOR/DME	60 50.2	115 48.2	17E	
YHZ	Halifax, NS, VOR/DME	44 55.4	63 24.1	18W	
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		Ū
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		Ū
YJQ	Bella Bella, BC, NDB	52 11.1	128 06.8	19E	
YKJ	Key Lake, SK, DME	57 10.0	105 50.5	.52	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	126	U
120	Cloar Lookout, Cit, Divic	30 01.1	51 55.5		J

# RADIO NAVIGATION AND COMMUNICATIONS D9

INDICAT	OR NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Y (Cont'd)			DEC	
YLZ	Pickle Lake, ON, DME	51 26.6	90 13.4		U
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
YNY	Enderby, BC, DME	50 39.0	118 55.6		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	Ū
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	Puvirnitug, QC, NDB & DME	60 03.5	77 17.8	20W	U
YQB	Quebec, QC, VORTAC	46 42.3	71 37.6	16W	U
YQD	The Pas, MB, DME	53 58.4	101 06.0	1000	U
YQF	Red Deer, AB, NDB	52 07.7	113 54.0	14E	U
YQH	Watson Lake, YT, VOR/DME	60 05.2	128 51.5	18E	U
YQI	Yarmouth, NS, DME	43 49.5	66 04.9	IOL	U
YQL	Lethbridge, AB, VOR/DME	49 38.1	112 40.1	11E	U
YQM	Moncton, NB, VOR/DME	49 30.1	64 34.3	18W	U
YQO	Quebec, QC, DME	46 47.8	71 23.6	1000	U
				414/	
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	00147	U
YQX	Gander, NL, VOR/DME	48 54.0	54 32.1	20W	U
YQY	Sydney, NS, DME	46 09.2	60 03.3	04147	U
YR	Goose, NL, NDB	53 20.3	60 22.0	21W	
YRB	Resolute Bay, NU, VOR/DME	74 43.7	94 55.4	٠,	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	U
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

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D10 RADIO NAVIGATION AND COMMUNICATIONS

# RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

	NADIO NAVIGATION AIDO DI INDI	JA 1 OIT (O	ont u		
INDICAT	OR NAME	(N)LAT	(W)LONG	VAR/ DEC	CLASS
	Y (Cont'd)				
YTR	Trenton, ON, NDB	44 11.6	77 24.2	12W	
YTS	Timmins, ON, VOR/DME	48 34.3	81 22.2		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	
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		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		Ü
YXC	Cranbrook, BC, VOR/DME	49 33.3	116 05.3	16E	Ü
YXI	Killaloe, ON, DME	45 39.8	77 36.2		Ü
YXJ	Fort St. John, BC, VOR/DME	56 17.1	120 53.7	18E	
YXL	Sioux Lookout, ON, NDB	50 07.1	91 53.9	1W	
YXN	Whale Cove, NU, NDB	62 14.2	92 36.1		
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	
YXY	Whitehorse, YT, VOR/DME	60 37.1	135 08.3	18E	
YXZ	Wawa, ON, DME	47 57.0	84 49.4	IOL	Ü
YYB	North Bay, ON, DME	46 21.8	79 26.2		Ü
YYC	Calgary, AB, VOR/DME	51 06.9	113 52.9	15E	
YYD	Houston, BC, VOR/DME	54 27.1	126 39.1	17E	
YYE	Fort Nelson, BC, VOR/DME	58 53.5	123 01.0	19E	
YYG	Charlottetown, PE, DME	46 17.9	63 07.2	196	U
YYH	Taloyoak, NU, NDB	69 32.5	93 31.5		U
YYJ	Victoria, BC, VOR/DME	48 43.6	123 29.1	17E	U
YYL			101 04.5	7E	
YYN	Lynn Lake, MB, VOR/DME	56 51.8	107 04.5	12E	
YYQ	Swift Current, SK, VOR/DME	50 17.8			
	Churchill, MB, VOR/DME	58 44.5	94 08.1	3W	
YYR	Goose, NL, VOR/DME	53 19.2	60 17.7	21W	
YYT	Torbay (St. John's Intl), NL, VOR/DME	47 29.1	52 51.1	17W	
YYY	Mont-Joli, QC, DME	48 36.7	68 12.5	4014	U
YYZ	Toronto, ON, VOR/DME	43 39.5	79 37.9	10W	
YZF	Yellowknife, NT, VOR/DME	62 27.9	114 26.2	17E	
YZP	Sandspit, BC, VOR/DME	53 15.1	131 48.4	19E	U
YZS	Coral Harbour, NU, NDB	64 08.9	83 18.3	40-	
YZT	Port Hardy, BC, VOR/DME	50 41.1	127 22.0	16E	
YZU	Whitecourt, AB, VOR/DME	54 08.7	115 47.8	13E	
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	

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# RADIO NAVIGATION AND COMMUNICATIONS D11

# RADIO NAVIGATION AIDS BY INDICATOR (Cont'd)

INDICA	TOR 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	
ZMN	Lewisville (Moncton), NB, NDB	46 06.3	64 47.5	18W	
ZNF	Wabana (St. John's Intl), NL, NDB	47 37.2	52 52.0	18W	
ZQM	Riverview (Moncton), NB, NDB	46 02.3	64 47.0	18W	
ZQR	Findlay (Regina), SK, NDB	50 25.7	104 31.6	9E	
ZRS	Ajax (Regina), SK, NDB	50 29.1	104 44.2	9E	
ZS	Coral Harbour, NU, DME	64 09.0	83 18.2		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	
Z2	Rainbow Lake, AB, DME	58 29.7	119 24.8		
<b>Z</b> 7	Claresholm Industrial, AB, NDB	50 00.2	113 38.2	13E	



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# D12 RADIO NAVIGATION AND COMMUNICATIONS

	NUMBER-LETTER INDICATOR						
INDIC	ATOR NAME	1)	I)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	
3X	Cluff Lake, SK, NDB	58	21.6	109	31.5	17E	
4J	Knee Lake, MB, NDB	54	53.0	94	48.0	0	
40	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	17.7	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	
8N	Edson, AB, NDB	53	34.9	116	27.3	19E	
8N	Edson, AB, DME	53	34.8	116	27.3	19E	
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	

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RADIO NAVIGATION AND COMMUNICATIONS D13

# **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 - 8V to UBB Indicators 8W to UCC 9J to UDD 9L to UHH

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D14 RADIO NAVIGATION AND COMMUNICATIONS

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E2 EMERGENCY

#### TRANSPONDER OPERATION

A transponder may, at any time, be adjusted to reply to

- Code 7600, to indicate a communication failure:
- (b) Code 7700, to indicate an in-flight emergency; or
- Code 7500, to indicate hijacking of the aircraft. (see unlawful interference) (c)

## **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 PYROTECHNIC	AL LIGHT	Not withstanding any previous

instructions.

Do not land for the time being.

Projectiles at 10 sec intervals which Means: "You are in the vicinity of a burst into red and green lights or stars 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 1 CAD ORDERS, Vol. 2, 2-004.

#### 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.

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**E4 EMERGENCY** 

# 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	Х
3	No or negative	N
4	Yes or affirmative	Υ
5	Proceeding in this direction	<b>↑</b>

are for ase in Gariada Grify				
	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.

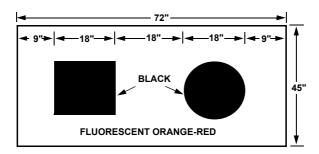
#### PROCEDURES WHEN SPOTTING SOMEONE IN DISTRESS

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



Any type of ball shape over or under any square flag or

## 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.

BLACK—WHITE

**ORANGE** 

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.
- 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:

Туре	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

# **EMERGENCY COMMUNICATIONS PROCEDURES (Cont'd)**

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

#### MESSAGE FORM:

- (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.
- 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

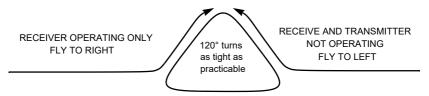
Emergency IFF Control Box - Select Emergency

SIF and Transponder - Mode A/3 Code 7700

Communication Failure Mode A/3 Code 7600

#### RADAR ALERTING MANOEUVRES:

- 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

- 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.
- 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;
- 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
- 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

- 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.
- 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.

#### (ii) Altitude

At the HIGHEST of the following altitude or flight levels for the ROUTE SEGMENT BEING FLOWN:

- 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.

#### (iii) Descent for Approach

- i) Route includes a STAR procedure
  - 1. Maintain the appropriate altitude described in paragraph b. "Altitude"; and
  - 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	Follow the lateral path of the procedure up to the DTW; then			
	Proceed direct the FACF and execute a straight-in approach;			
	or			
	Follow the lateral path of the procedure up to where radar vectors are depicted to commence; then			
	Execute a straight-in approach.			
Without DTW & FACF	Follow the lateral path of the procedure up to the waypoint interfacing with an RNAV (RNP) or RNAV (GNSS) or ILS approach; then			
	Execute a straight-in approach;			
	or			
	Follow the lateral path of the procedure up to where radar vectors are depicted to commence; then			
	Execute a straight-in approach.			

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

E12 EMERGENCY

## 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:

- 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
- 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
  - (ii) 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.
  - (iii) 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
  - (iv) 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.

#### 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.
- (ii) 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.
- (ii) If operating <u>without</u> 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.
- (ii) 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)

(iii) 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). Excercise extreme caution to avoid other aircraft.

# **MILITARY VISUAL SIGNALS**

#### DAY EMERGENCY:

Attention will first be attracted by rocking the wings of the aircraft laterally.

<u>Bailing Out</u>. One or both clenched fists pulled downwards across the face to simulate pulling the ejection blind.

<u>Desire to Land</u>. Movement of the hand, flat, palm downwards, from above the head towards and downwards, finishing the movement in a simulated round-out. Alternatively, lower the landing gear.

<u>Systems Failures</u>. 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 acknowledgement.

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 acknowledgement, 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.	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.		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.	this	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.	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.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

E18 EMERGENCY

#### **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 co-ordination 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 National Defence Command Centre (NDCC), 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;
- (ii) comply with any instruction to land or to change course or altitude that is received from the appropriate ATC unit or FSS; and
- (iii) 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).

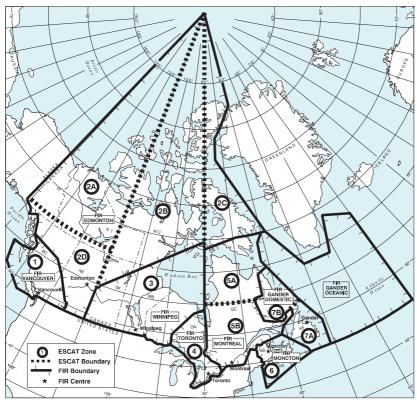
There are two phases in the implementation process.

- 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.
- 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.

Effective 0901Z 21 March 2024 to 0901Z 17 April 2025

E20 EMERGENCY

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