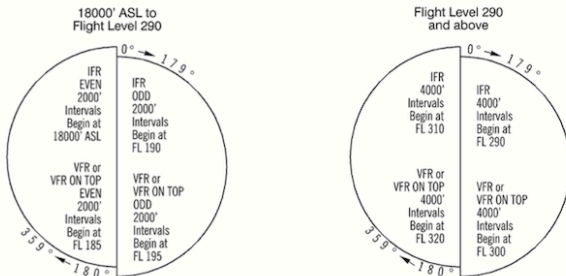


NAV CANADA IFR High

LEGEND

AERODROMES		AIRSPACE AND ROUTE INFORMATION	
AERODROMES LAND Civil Joint Civil-Military Military <p>Aerodromes in black have an instrument approach procedure available.</p> <p>Aerodrome symbols may be offset for clarity of presentation.</p> <p>Aerodrome name shown only when different than associated NAVAID.</p>	AERODROME DATA 562 ★ [L] H57 <p>562 Elevation given in feet above sea level.</p> <p>L Runway lighting available.</p> <p>[L] ARCAL</p> <p>★ Ltd hrs or O/R: see CFS</p> <p>H Hard surface runway.</p> <p>57 Length of longest landing distance available given to nearest 100 feet with 70 feet as the dividing point. i.e. 5680 is 5700 and shown as 57</p>	AIRWAYS AND ROUTES <p>VHF/UHF data is displayed in BLACK. LF/MF data is displayed in GREEN.</p> <p>Some VHF/UHF airways are based on LF/MF facilities and a serviceable ADF is required at the MEA on the LF/MF portions. Centre lines and bearings on these portions are displayed in green.</p> <p> VHF/UHF airway centre line and identification.</p> <p> LF/MF airway centre line and identification.</p> <p> Military Tacan track.</p> <p> Commonly used track or transition.</p> <p> GNSS only Requires GNSS capability</p> <p> High level fixed RNAV route.</p> <p>Reference bearings are calculated at each waypoint or NAVAID in degrees TRUE in Northern Domestic Airspace and degrees magnetic in the Southern Domestic Airspace.</p> <p> Radial from a VHF/UHF radio aid.</p> <p> Bearing inbound to an LF/MF radio aid.</p> <p> Southern Domestic LF/MF outboard bearings are calculated at the NAVAID on quarter point variation. Northern Domestic Airspace LF/MF outboard bearings are calculated at the NAVAID and are true tracks.</p> <p> Facility Locator used with radial line in the formation of an intersection if not otherwise obvious.</p> <p> Facility Locator used with bearing line in the formation of an intersection if not otherwise obvious.</p> <p> Mileage breakdown point.</p> <p> Denotes DME fix. (Distance same as route mileage).</p> <p> Denotes DME fix. (Encircled mileage shown when not otherwise obvious).</p> <p> Total mileage between radio aids and/or compulsory reporting points.</p> <p> Mileage between other reporting points, radio aids and/or mileage breakdown points.</p> <p> Changeover point with mileage to radio aids. (Not shown at midpoint locations).</p> <p> MEA (Minimum Enroute Altitude) if other than 18000'.</p> <p> U.S.A. (including ALASKA)</p> <p> MRA (Minimum Reception Altitude).</p>	REPORTING POINTS <p> Compulsory</p> <p> On request</p> <p> A circle over a radio aid, intersection or waypoint denotes RNAV Fly-over.</p> <p> Arrow points to aids forming intersection if not otherwise obvious.</p>
RADIO AIDS TO NAVIGATION AND COMMUNICATION BOXES RADIO AIDS TO NAVIGATION <p>Radio/Navigation Facilities not operated by NAV CANADA or Department of National Defense are subject to outages or changes without NOTAM.</p> <p>VHF/UHF Aids are displayed in BLACK. LF/MF Aids are displayed in GREEN.</p> <p> COMPASS ROSE. Oriented to Magnetic North except in the Northern Domestic Airspace where VHF/UHF aids may be oriented on True or Grid North.</p> <p> VOR VOR/DME VORTAC TACAN</p> <p>Symbols may be displaced for sake of clarity, however the compass roses are correctly positioned.</p> <p> DME LF/MF NDB</p>		BOUNDARIES <p> FIR (Flight Information Region).</p> <p> Area of True Tracks.</p> <p> Air Defence Identification Zone.</p> <p> Control Area (CTA) Separation.</p> <p> Observed Coordinated Universal Time Zone (UTC).</p> <p> International Boundary.</p>	
RADIO AIDS TO NAVIGATION DATA BOXES <p>NAME Ch 102 115.5 YWG --- N49 55.7 W97 14.3 248 W97 --- N49 54.0 W97 21.0</p> <p>Combined VHF/UHF and LF/MF aids co-located with FSS. DME available on frequency or channel. Underline indicates no ATS communication on this frequency.</p> <p>NAME Ch 98 115.1 YHZ --- N44 55.4 W63 24.1</p> <p>VHF/UHF aids co-located with FSS. Navaid coordinates</p> <p>NAME Ch 82 UOD --- N49 55.7 W97 14.3 DME 113.5</p> <p>UHF aids TACAN and DME channels are without voice and not underlined.</p> <p>NAME Ch 110.75 PLL --- Ch 44(Y)</p> <p>DME aids TACAN mode "Y" must be used if indicated.</p> <p>NAME 248 NAM --- N49 55.7 W97 14.3</p> <p>LF/MF aids Underline indicates no ATS communication on this frequency.</p> <p>(Private) Unmonitored</p> <p>Non NAV CANADA / DND facility. Subject to unscheduled outages without NOTAM.</p>		SPECIAL-USE AIRSPACE <p> CYA - Advisory Area Activity Code: (F) Aircraft Test Area; (M) Military Operations; (S) Soaring.</p> <p> CYR - Restricted. CYD - Danger.</p> <p>Altitudes are from the surface up to and including altitude shown unless otherwise indicated. (CZQM) - NOTAM file indicator.</p> <p>U.S.A. (including ALASKA) P- Prohibited. R- Restricted. W- Warning.</p>	
AIR/GROUND COMMUNICATION BOXES <p>249.6 239.8 (also shown in GREEN) FSS opr ltd hrs "O/T see CFS" indicates other communication services available outside FSS hours. See CFS for details.</p> <p>122.5 126.7 (also shown in GREEN) QUEBEC 126.7 (bcst) FIC/FSS will selectively activate the 126.7 MHz RCO transceiver when required to provide aeronautical broadcasting service (SEE CFS)</p> <p>126.7 THUNDER BAY DRCO DRCO dialing instructions described in CFS.</p> <p>PAL Peripheral Station. Remote site for extended range communications (PAL).</p> <p>U.S.A. (including ALASKA)</p> <p>HEAVY LINE BOXES indicate Flight Service Stations (FSS). Frequencies 122.2, 255.4 and emerg 121.5 and 243.0 are normally available at all FSS's and are not shown above boxes. The FSS high altitude VHF discrete freq(s) is shown above the box.</p> <p>122.7 123.65 TWB Transcribed Weather Broadcast</p>		MISCELLANEOUS <p>This product is based on NAD83 coordinates.</p> <p> -10°W Isogonal (2014)</p> <p> (250 kt) Holding pattern with airspeed indicates maximum assessed speed for hold or shuttle</p> <p>Distances are in nautical miles and tracks are magnetic except in the Northern Domestic Airspace where tracks are true e.g. (258T).</p> <p>All altitudes are ASL unless otherwise noted.</p> <p> 57 Area Minimum Altitude (AMA)</p>	

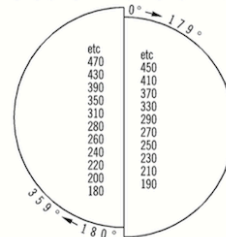
CRUISING ALTITUDES - U.S.A.



VFR above 3000' AGL
IFR-Outside controlled airspace
IFR within controlled airspace as assigned by ATC
All courses are magnetic.

For additional characteristics of USA Airspace, see appropriate USA publications.

CRUISING ALTITUDES - CANADA



RVSM LEVELS (WITHIN DESIGNATED AIRSPACE)

