

DOMESTIC AIRSPACE

Canadian Domestic Airspace includes all airspace over the Canadian land mass and the Canadian Arctic and certain areas over the high seas.

Domestic Airspace is divided into two areas

Northern Domestic Airspace

Close proximity to the magnetic pole. Compass is hard to read here.

Southern Domestic Airspace

Most areas within Canada fall into this division. Most aircraft fly at set altitudes.

ALTIMETER REGIONS

Altimeter Setting Region

Prior to take-off or landing, a pilot will set the aircraft's altimeter to the nearest aerodrome.

Standard Pressure Region

Includes areas mostly in the north and airspace above 18,000 feet. Altimeters are set to the standard setting of 29.92"Hg.

Sparsely Settled Areas

Geographical areas of Canada with few settlements.

Flight in such sparsely settled areas requires special precautions and procedures because of limited navigation facilities, severe weather conditions, limited weather information, limited fuel supplies and servicing facilities.

High and Low Level Airspace

High level airspace

All Canadian Domestic Airspace that is 18,000 feet and above

Low level airspace

All Canadian Domestic Airspace that is below 18,000 feet

Airspace Classification:

Class	Height	VFR permitted	IFR permitted	ATC Clearance req'd	Trans-ponder req'd	Two way radio req'd
A	18,000ft- FL 600	N	Y	Y	Y	Y
B	12,500ft- 18,000ft	Y	Y	Y	Y	Y
C	varies	Y	Y	Y	Y	Y
D	varies	Y	Y	IFR only	If marked	Y
E	varies	Y	Y	IFR only	If marked	N
F	varies	Restricted or advisory area				
G	varies	All uncontrolled airspace (airspace that has not been designated Class A, B, C, D, E or F).				

Y - yes
N - no

Restricted Area

Flight is either completely prohibited or restricted to specific conditions.

Danger Area

Airspace in which activities may constitute a potential hazard to aircraft.

Alert Area

Area in which a high volume of flying training or unusual type of aerial activity is carried out. Flight within these areas is not prohibited but pilots should exercise extreme caution.

Military Flying Area

High level airspace reserved for military flying and testing exercises. Civilian aircraft are not allowed in this area.

AER 401-02