

# CANADA'S AIRSPACE

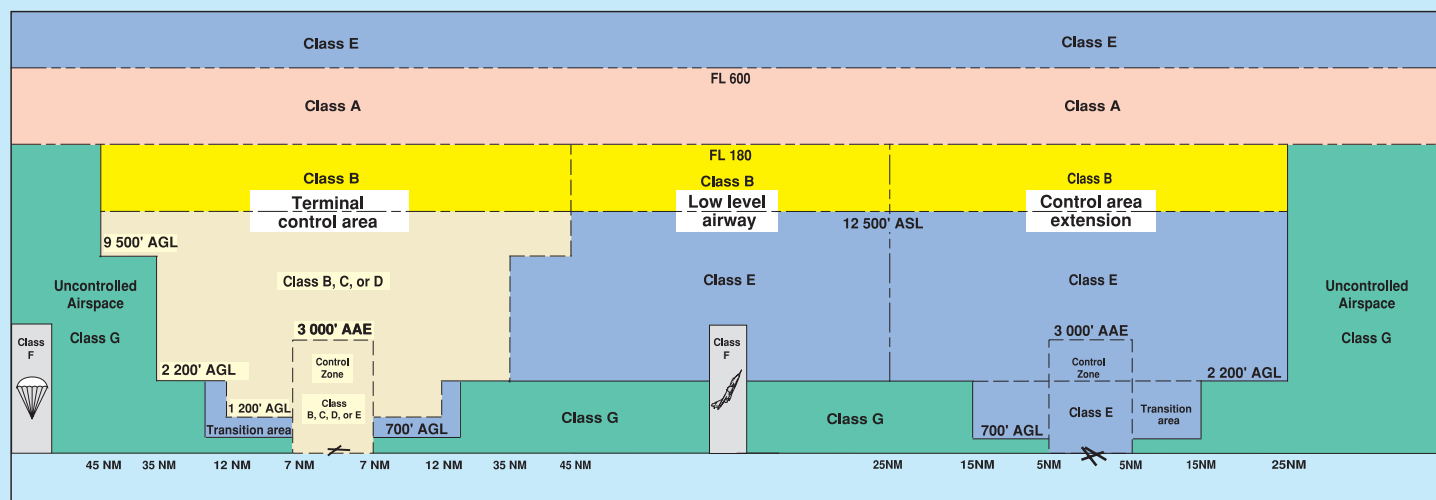
## Information on Airspace Classification and Structure

This information has been produced by Civil Aviation to provide a better understanding of the airspace classification system in Canada. For more details on the airspace structure and classification, please refer to Division I of Subpart 601 of the *Canadian Aviation Regulations (CARs)*, Airspace Structure, Classification and Use, and the *Designated Airspace Handbook (DAH)*, TP 1820.

|              | A                    | B  | C  | D  | E                                 | F   | G  |  |
|--------------|----------------------|--|--|--|-----------------------------------|---|--|--|
| <b>IFR</b>   | CONFLICT RESOLUTION: | N/A  | N/A  | Provided between IFR and VFR                   | Equipment and workload-permitting | No  | Uncontrolled airspace  |  |
|              | TRAFFIC INFORMATION: | N/A  | N/A  | Yes  | Yes                               | Workload-permitting   | 250 kt below 10 000' MSL<br>200 kt below 3 000' AGL within 10 NM of a controlled airport |  |
|              | SEPARATION:          | All aircraft   | All aircraft   | IFR from IFR                                   | IFR from IFR                      | IFR from IFR  | ATS provides flight information and alerting service.                                    |  |
|              | SPEED LIMITATION:    | Nil  | 250 kt below 10 000' MSL<br>200 kt below 3 000' AGL within 10 NM of a controlled airport |  |                                   |   |  |  |
|              | RADIO:               | Mandatory  | Mandatory  | Mandatory                                      | Mandatory                         | Mandatory   |  |  |
|              | TRANSPONDER:         | Yes  | Yes  | Yes  | Yes, in designated areas          | Yes, in designated areas  |  |  |
|              | CLEARANCE:           | - ATC -  | - ATC -  | - ATC -  | - ATC -                           | - ATC -   |  |  |
| <b>VFR</b>   | CONFLICT RESOLUTION: | N/A  | Upon request   | Upon request-equipment and workload-permitting | No                                | Restricted<br>Traffic not authorized without the approval of the user/controller agency | Uncontrolled airspace  |  |
|              | TRAFFIC INFORMATION: | N/A  | Yes  | Yes  | Workload-permitting               |   | 2 000' cloud base<br>500' clearance<br>1 000' AGL<br>Clear of cloud<br>2 SM              |  |
|              | SEPARATION:          | All aircraft   |  |  |                                   |   |  |  |
|              | VMC MINIMA:          |  |  |  |                                   |   |  |  |
|              | SVFR:                | Yes  | Yes  | Yes  | Yes                               | Yes   |  |  |
|              | SPEED LIMITATION:    | 250 kt below 10 000' MSL<br>200 kt below 3 000' AGL within 10 NM of a controlled airport |  |  |                                   |   |  | 250 kt below 10 000' MSL<br>200 kt below 3 000' AGL within 10 NM of a controlled airport |
|              | RADIO:               | Mandatory  | Mandatory  | Mandatory                                      | Not required                      | Not required  |  |  |
| TRANSPONDER: | Yes                  | Yes  | Yes, in designated areas   | Yes, in designated areas                       | Yes, in designated areas          |   |  |  |
| CLEARANCE:   | - ATC -              | - ATC -  | - ATC -  | Establish radio contact                        | Not required                      |   |  |  |

**CLASSIFICATION:** Canadian Domestic Airspace (CDA) has seven classifications. The application of any classification to an airspace structure determines the operating rules, the level of ATC service provided within the structure and, in some instances, communications and equipment requirements.

**STRUCTURE:** The airspace structure defines the physical dimensions of the elements into which the airspace is divided, such as control zones (CZ), terminal control areas (TCA), control area extensions (CAE) and airways.



Aerodromes and Air Navigation (AARN)