
AD 2. AERODROMES

AD 2.1 Aerodrome Location Indicator and Name

For the ICAO location indicators used for Canadian aerodromes, refer to the following publications:

Canada Flight Supplement or *Water Aerodrome Supplement*, Section A, “General Section – Cross Reference of Aerodrome Location Indicator & Name”

AD 2.2 Aerodrome Geographical and Administrative Data

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading REF that contains reference information, including the following geographical and administrative data:

- The aerodrome reference point or the aerodrome geometric centre coordinates, as applicable (geographical coordinates in degrees, minutes and seconds), and its site;
- The direction and distance of the aerodrome reference point or the aerodrome geometric centre coordinates, as applicable, from the centre of the city or town that the aerodrome serves;
- The aerodrome elevation;
- The magnetic variation to the nearest degree (Canada does not currently provide date of information and annual change for magnetic variation); and
- The types of traffic permitted to use the aerodrome (instrument flight rules (IFR) or visual flight rules (VFR) or both).

For reference temperature, refer to the [weather office](http://weatheroffice.ec.gc.ca/canada_e.html) on Environment Canada’s website:

<weatheroffice.ec.gc.ca/canada_e.html>

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading OPR (operator) that contains operator information, including the name of the aerodrome’s administration and its contact information.

Canada does not currently provide geoid undulation at the aerodrome elevation position.

AD 2.3 Operational Hours

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome contains information on the hours of operation for the services at the aerodrome, if they are provided, under the indicated subheadings:

- For aerodrome administration, refer to the subheading OPR;
- For customs and immigration, refer to the subheading CUST;
- For health and sanitation, refer to the subheading PF (Public Facilities);
- For air traffic services (ATS) reporting office (ARO), refer to the subheading FLT PLN (Flight Planning);
- For the meteorological (MET) briefing office, refer to the subheading FLT PLN;

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- For ATS, refer to the subheadings FLT PLN and COMM (communications);
- For fuelling and handling, refer to the subheading SERVICES; and
- For de-icing, refer to the subheading SERVICES; also refer to the *Canada Air Pilot*, Volumes 1–7, or the *Restricted Canada Air Pilot*.

The hours of operation for security can be obtained by contacting the operator of the aerodrome. For contact information, refer to the *Canada Flight Supplement* or the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” under the subheading OPR. The hours of service of the aeronautical information service (AIS) briefing office can be obtained by contacting the AIS head office at NAV CANADA. For contact information, refer to the following publications:

Canada Flight Supplement or *Water Aerodrome Supplement*, Section A, “General Section – Corrections (Civil)”

AD 2.4 Handling Services and Facilities

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome may have a subheading SERVICES that contains a description of the handling services and facilities available at the aerodrome.

AD 2.5 Passenger Facilities

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome may have a subheading PF that contains information on hotels, restaurants, transportation services, and medical facilities at the aerodrome. For information on banking and post office services, and whether there is a tourist office at the aerodrome, contact the operator. For contact information, refer to the subheading OPR.

AD 2.6 Rescue and Firefighting Services

In the *Canada Flight Supplement*, Section B, “Aerodrome/Facility Directory,” if the table for an aerodrome has a subheading SERVICES and the aerodrome has rescue and firefighting services and equipment, they will be listed under the ARFF (Aircraft Rescue and Firefighting) entry. If the subheading SERVICES does not appear or does not contain an ARFF entry, then rescue and firefighting services and equipment may not be available at the aerodrome. Contact the aerodrome operator for further information. For contact information, refer to the subheading OPR.

AD 2.7 Seasonal Availability – Clearing

Information on the equipment and operational priorities established for the clearance of aerodrome movement areas is not currently provided by NAV CANADA. This information may be available by contacting the aerodrome operator listed in the *Canada Flight Supplement*, Section B, “Aerodrome/Facility Directory,” under the OPR subheading.

AD 2.8 Aprons, Taxiways and Check Locations or Positions Data

With the exception of the differences filed with ICAO by Canada, information related to the physical characteristics of aprons, taxiways and locations or positions of designated checkpoints at aerodromes can be found on the aerodrome sketches in the following publications:

Canada Air Pilot, Volumes 1–7, or the *Restricted Canada Air Pilot*

Canada Flight Supplement, Section B, “Aerodrome/Facility Directory”

Canadian Airport Charts

The latest version of the *Canadian Airport Charts* is available in portable document format (PDF) on the [Aeronautical Information Products](#) section of the NAV CANADA website:

<www.navcanada.ca>
Aeronautical Information Products
Canadian Airport Charts

AD 2.9 Surface Movement Guidance and Control System and Markings

For information on the surface movement guidance and control system, and runway and taxiway markings at aerodromes, refer to the aerodrome sketches in the following publications:

Canada Air Pilot, General, and Volumes 1–7, or *Restricted Canada Air Pilot*

Canada Flight Supplement, Section B, “Aerodrome/Facility Directory”

Canadian Airport Charts

The latest version of the *Canadian Airport Charts* is available in PDF on the [Aeronautical Information Products](#) section of the NAV CANADA website:

<www.navcanada.ca>
Aeronautical Information Products
Canadian Airport Charts

AD 2.10 Aerodrome Obstacles

Obstacle data is currently available through the VFR chart program, including VFR navigation charts, VFR terminal area charts, and world aeronautical charts. The provision of obstacle data through the VFR chart program is supplemented by the "VFR Chart Updating Data" subsection in the *Canada Flight Supplement* or *Water Aerodrome Supplement*, Section C, "Planning."

Additional obstacle data is available by contacting NAV CANADA. Please note that there is a charge to access this data.

NAV CANADA
Customer Relations
77 Metcalfe Street
Ottawa, ON K1P 5L6
Canada

Tel.: 1-800-876-4693-4 (disregard the last digit if in North America)
Fax: +1 613-563-3426
E-mail: service@navcanada.ca

The following information can be provided:

- Obstacle identification;
- Type of obstacle;
- Community;
- Latitude (nearest second);
- Longitude (nearest second);
- Height (ASL) (nearest foot);
- Height (AGL) (nearest foot); and
- Status of obstacle lighting and painting.

AD 2.11 Meteorological Information Provided

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, "Aerodrome/Facility Directory," the table for each aerodrome has a subheading FLT PLN that contains information on the meteorological information provided for the aerodrome.

For more information, including weather radar and satellite images, refer to the [Aviation Weather Web Site](#) on the NAV CANADA website:

<www.navcanada.ca>
Aviation Weather Web Site

AD 2.12 Runway Physical Characteristics

In the *Canada Flight Supplement*, Section B, "Aerodrome/Facility Directory," the table for each aerodrome has a subheading RWY DATA that contains runway designations, magnetic bearings (true if in NDA), and dimensions for runways and strips. Strength of pavement of each runway may be available by contacting the aerodrome operator in the *Canada Flight Supplement*, Section B, "Aerodrome/Facility Directory," under the OPR subheading.

Canada Air Pilot, Volumes 1–7, and *Restricted Canada Air Pilot*, provide the following information:

- Runway designations;
- Surface of each runway;
- Elevations of thresholds of non-precision approach (NPA) runways and elevations of thresholds and the highest elevation of the touchdown zone of precision approach runways; and
- Slope of each runway, when available.

Runway threshold coordinates (nearest hundredth of a second) are available by contacting NAV CANADA. Please note that there is a charge to access this data.

Please contact:

NAV CANADA
Customer Relations
77 Metcalfe Street
Ottawa, ON K1P 5L6
Canada

Tel.: 1-800-876-4693-4 (disregard the last digit if in North America)
Fax: +1 613-563-3426
E-mail: service@navcanada.ca

AD 2.13 Declared Distances

For a description of declared distances for each direction of each runway, refer to the following publications:

Canada Air Pilot, Volumes 1–7, or *Restricted Canada Air Pilot*

AD 2.14 Approach and Runway Lighting

In the *Canada Flight Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading LIGHTING that contains a description of approach and runway lighting.

AD 2.15 Other Lighting, Secondary Power Supply

In the *Canada Flight Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading LIGHTING that contains a description of other lighting, including the following information:

- Location, characteristics and hours of operation of the aerodrome beacon or identification beacon (if any);
- Location and lighting (if any) of the landing direction indicator; and
- The taxiway edge and taxiway centre line lights.

For information on the secondary power supply, contact the operator of the aerodrome. In the *Canada Flight Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading OPR that contains contact information.

AD 2.16 Helicopter Landing Area

For an indication as to whether the aerodrome has a heliport landing area, refer to the aerodrome sketches in the following publications:

Canada Flight Supplement or *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory”

Canada Air Pilot, Volumes 1–7, or *Restricted Canada Air Pilot*

Also in the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for an aerodrome may have a subheading REF that contains the aerodrome’s geographical coordinates, which coincide with the helicopter landing area’s coordinates.

AD 2.17 Air Traffic Services Airspace

For the designation, geographical coordinates, classification and vertical limits of ATS airspace organized at aerodromes in Canada, see the [Designated Airspace Handbook](#) (TP 1820E), available on the following website:

<ess.nrcan.gc.ca/aero/pub/dah_e.php>

For the call signs and languages of the ATS units providing service to ATS airspace organized at aerodromes in Canada, see the en route low altitude, en route high altitude and terminal area charts (see ENR Figure 3.1, “Index to Low Altitude Charts,” and ENR Figure 3.2, “Index to High Altitude Charts”).

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” when a VFR Terminal Procedures Chart is published for an aerodrome, it contains transition altitudes for the airspace organized at the aerodrome. See also the following publications:

The appropriate terminal area chart or VFR terminal area chart

AD 2.18 Air Traffic Services Communication Facilities

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading COMM that contains information on ATS communication facilities established at the aerodrome.

AD 2.19 Radio Navigation and Landing Aids

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for each aerodrome has a subheading NAV (navigation) that contains information on radio navigation and landing aids associated with the instrument approach and the terminal area procedures at the aerodrome. See also the following publications:

Canada Air Pilot, Volumes 1–7, or *Restricted Canada Air Pilot*

The appropriate terminal area chart

AD 2.20 Local Traffic Regulations

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for an aerodrome may contain the subheadings PRO (procedures) or CAUTION or both, and these contain information on regulations applicable to the traffic at the aerodrome, including standard routes for taxiing aircraft, parking regulations, training flights, and similar information.

AD 2.21 Noise Abatement Procedures

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for an aerodrome may have a subheading PRO, which may contain information on the noise abatement procedures established at the aerodrome. See also the following publications:

Canada Air Pilot, General, Volumes 1–7 and *Restricted Canada Air Pilot*

AD 2.22 Flight Procedures

In the *Canada Flight Supplement* or the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” when a VFR Terminal Procedures Chart is published for an aerodrome, it contains information on conditions and flight procedures, including radar procedures, established on the basis of airspace organization at the aerodrome. See also the following publications:

Canada Air Pilot, Volumes 1–7 and *Restricted Canada Air Pilot*

AD 2.23 Additional Information

In the *Canada Flight Supplement* and the *Water Aerodrome Supplement*, Section B, “Aerodrome/Facility Directory,” the table for an aerodrome may contain the subheadings PRO or CAUTION or both, and these may contain additional information on the aerodrome.

AD 2.24 Charts Related to an Aerodrome

Canada Air Pilot, Volumes 1–7, and *Restricted Canada Air Pilot*, contain the following types of charts:

- Aerodrome and heliport charts,
- Aircraft parking and docking charts,
- Aerodrome taxi charts,
- Standard departure charts – instrument,
- Standard arrival charts – instrument,
- Instrument approach charts, and
- Visual approach charts.

Aerodrome obstacle charts (ICAO Type A) can be obtained by contacting the Aeronautical Publications Sales and Distribution Unit of NAV CANADA. For contact information, refer to GEN 3.2.3, “Purchase Arrangements.”

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For area charts with departure and transit routes, and area charts with arrival and transit routes, refer to the following publications:

The appropriate en route low altitude, en route high altitude and terminal area charts (see ENR Figure 3.1, "Index to Low Altitude Charts," and ENR Figure 3.2, "Index to High Altitude Charts")

Canada does not currently provide precision approach terrain charts or radar minimum altitude charts.

For information on bird concentrations in the vicinity of aerodromes, refer to ENR 5.6, "Bird Migration and Areas with Sensitive Fauna." This information can also be obtained from the aerodrome automatic terminal information service (ATIS). If the aerodrome has ATIS, it will be listed in the *Canada Flight Supplement* or the *Water Aerodrome Supplement*, Section B, "Aerodrome/Facility Directory," table for the aerodrome under the subheading COMM.