Transport Canada
Aeronautical Information Manual
(TC AIM)

EXPLANATION OF CHANGES

MARCH 25, 2021
TRANSPORT CANADA AERONAUTICAL INFORMATION MANUAL (TC AIM)
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EFFECTIVE—MARCH 25, 2021

NOTES:
1. Editorial and format changes were made throughout the TC AIM where necessary and those that were deemed insignificant in nature were not included in the “Explanation of Changes”.
2. Effective March 31, 2016, licence differences with ICAO Annex 1 standards and recommended practices, previously located in LRA 1.8 of the TC AIM, have been removed and can now be found in AIP Canada (ICAO) GEN 1.7.
3. The text highlighted in blue in the manual represents the changes described in this section.

GEN
(1) GEN 5.1 Glossary of Aeronautical Terms
Definitions were added.

COM
(1) COM 1.2 Regulations
The title was modified and references to additional guidance material were provided.
(2) COM 1.5 Use of Phonetics to COM 1.9.2 Ground Stations (inclusive) and COM 1.10 Standard Radio Telephony to COM 1.12.1 General (inclusive)
All these subparts and sections were deleted since this information can be found in Innovation, Science and Economic Development Canada’s Study Guide for the Restricted Operator Certificate With Aeronautical Qualification (ROC-A) (RIC-21) and/or NAV CANADA’s VFR Phraseology and IFR Phraseology guides.

MET
(1) MET 1.1.1 Meteorological Responsibility
A new e-mail address was added for enquiries related to operational issues, notification requirements, and the regulatory compliance of aviation weather services.
(2) MET 1.1.7 Applicable International Civil Aviation Organization (ICAO) and World Meteorological Organization (WMO) Documents
Additional text was added to improve access to supporting guidance material.
(3) MET 1.1.8 Differences From International Civil Aviation Organization (ICAO) Annex 3
The reference to ICAO Annex 3 Amendment 78 was removed.
(4) MET 1.2.3 Weather Services Definitions in Flight Publications
A definition of limited aviation weather observation (LAWO) was added.
(5) MET 7.2 General
Text was added to clarify information about the ICAO meteorological information exchange model (IWXXM).
(6) MET 8.1 The Aerodrome Routine Meteorological Report (METAR) Code
Text was added to clarify information about the ICAO meteorological information exchange model (IWXXM).

RAC
(1) RAC 1.10 Aerobatic Flight (Canadian Aviation Regulations [CARs] 602.27 and 602.28)
The reference to CAR 602.27 was amended to reflect the text found in the CARs.
(2) RAC 3.4.7 Computation of Passenger and Baggage Weights
Tables 3.1, 3.2, and 3.3 were amended to reflect the current weights of the Canadian population as per Statistics Canada’s 2019 update on Anthropometry measures of the household population.
(3) RAC 9.19.1 Takeoff Minima
The reference to paragraph (b) of CAR 602.126(1) was amended to coincide with the text found in the CARs.
(4) RAC 9.19.2.8 Effects of the High-Intensity Approach Lighting (HIAL) System on Canada Air Pilot (CAP) Advisory Visibility and on Runway Certification
The text was amended to provide additional information regarding inoperative high-intensity approach lighting (HIAL) systems and their effect on approach minima.

NAT
(1) NAT 1.10.2 Communications With Air Traffic Control (ATC)
A reference to AIP Canada (ICAO) ENR 7.1.10 was added.
(2) NAT 1.17.2 Contingency Procedures for Oceanic Traffic in the Event of an Evacuation of Gander Area Control Centre (ACC)
The contingency routes listing and the text were updated to reflect content in AIP Canada (ICAO) ENR 7.4.2.
(3) NAT 1.20.3.5 North Datum Line
Figure 1.4—North Datum Line was amended due to the drawdown of the HO (Hopedale) non-directional beacon (NDB).
MAP

(1) **MAP 3.8 Runway Surface Condition (RSC)/RSC NOTAM**
The text was amended to reflect the implementation of the Global Reporting Format (GRF) in Canada.

AIR

(1) **AIR 1.6.4 Description of Canadian Runway Friction Index (CRFI) Reporting Method**
The text was amended to reflect the *Regulations Amending the Canadian Aviation Regulations (Parts I and III — Airport Winter Maintenance): SOR/2019-118*.

(2) **AIR 1.6.5 Aircraft Movement Surface Condition Reports (AMSCR)**
This entire chapter was reviewed and updated to reflect the *Regulations Amending the Canadian Aviation Regulations (Parts I and III — Airport Winter Maintenance): SOR/2019-118* and Global Reporting Format (GRF) for Runway Surface Condition Reporting *(AC 300-019)*.

(3) **AIR 4.8 Parachute Jumping/Skydiving**
The contact information of the Canadian Sport Parachuting Association (CSPA) was updated.

RPA

(1) **RPA 2.0 Micro Remotely Piloted Aircraft Systems (mRPAS)—Less Than 250 g**
More information was added regarding additional payload and the maximum weight limit of micro remotely piloted aircraft (mRPAs).

(2) **RPA 3.2.13.1 Types of Altitudes**
The text was amended to clarify the units of measurement to be used by RPA pilots.

(3) **RPA 3.2.34 Transponders and Automatic Pressure-Altitude Reporting Equipment**
The text was amended to clarify surveillance procedures for small RPAs (sRPAs) provided by air navigation service providers (ANSPs).

(4) **RPA 3.2.35 Operations at or in the Vicinity of an Aerodrome, Airport, or Heliport**
Information regarding RPA operations in the vicinity of an airport or heliport located in uncontrolled airspace was removed from this section. Refer to RPA 3.4.5 for more information on this subject.

(5) **RPA 3.2.37 Incidents and Accidents**
The text was updated to explain in which circumstances a report needs to be submitted to the TSB following an occurrence.

(6) **RPA 3.4.5 Operations at or in the Vicinity of an Airport or Heliport—Established Procedure**
The text was amended to clarify the procedures to follow for RPA operations at or in the vicinity of an airport or heliport in uncontrolled airspace.