



Advisory Circular

Subject: Part VI and VII Regulations Cross-Reference to Aircraft Equipment and Installations

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1.0 INTRODUCTION

- (1) This Advisory Circular (AC) is provided for information and guidance purposes. It describes an example of an acceptable means, but not the only means, of demonstrating compliance with regulations and standards. This AC on its own does not change, create, amend or permit deviations from regulatory requirements, nor does it establish minimum standards.

1.1 Purpose

- (1) The purpose of this AC is to provide information and guidance regarding operational matters and to provide Air Operators with a quick cross-reference between Part VI and VII of the *Canadian Aviation Regulations* (CARs) equipment regulations and the Airworthiness Standards. ACs are available electronically on the Transport Canada Web site at:

<http://www.tc.gc.ca/eng/civilaviation/opssvs/managementservices-referencecentre-ac-menu-455.htm>

1.2 Applicability

- (1) This document applies to Transport Canada Civil Aviation (TCCA) Headquarters and regional personnel.

1.3 Description of Changes

- (1) This document, formerly Commercial and Business Aviation Advisory Circular (CBAAC) 0224, has been reissued as AC 700-021. With the exception of minor editorial changes and updated references, the content is unaltered.

2.0 REFERENCES AND REQUIREMENTS

2.1 Reference Documents

- (1) It is intended that the following reference materials be used in conjunction with this document:
 - (a) Part VI of the *Canadian Aviation Regulations* (CARs)— *General Operating and Flight Rules*;
 - (b) Part VII of the CARs— *Commercial Air Services*;
 - (c) Standard 625 of the CARs – *Aircraft Equipment and Maintenance Standard*; and
 - (d) Chapter 551 of the *Airworthiness Manual – Aircraft Equipment and Installation*.

2.2 Cancelled Documents

- (1) As of the effective date of this document, the following document is cancelled:
 - (a) Commercial and Business Aviation Advisory Circular (CBAAC) 0224, 2003-10-09 — *Part VI and VII Regulations Cross-Reference to Aircraft Equipment and Installations*.
- (2) By default, it is understood that the publication of a new issue of a document automatically renders any earlier issues of the same document null and void.

2.3 Definitions and Abbreviations

- (1) The following **abbreviation** is used in this document:
 - (a) **AWM**: Airworthiness Manual

3.0 BACKGROUND

- (1) Integrated Management Systems (IMS) is a set of common standards, procedures and most importantly, a mindset for achieving excellence. It is important to integrate our various procedures in an effort to standardize.
- (2) Information contained in the Appendix A of this AC required updating and in order to comply to the new Documentation Framework requirements, the previous AC is being reissued under the IMS requirements.

4.0 GENERAL INFORMATION ON PART VI AND VII REGULATIONS CROSS-REFERENCE TO AIRCRAFT EQUIPMENT AND INSTALLATIONS

- (1) TCCA often receives queries regarding what airworthiness standards apply to specific regulatory requirements on aircraft equipment in Part VI of the CARs – *General Operating and Flight Rules*; and in Part VII of the CARs – *Commercial Air Services*.
- (2) In an effort to provide a quick cross-reference between the above subparts of the CARs and *Airworthiness Manual* (AWM), a table has been produced. The table shown in appendix A is provided as a quick reference to determine the airworthiness standards which apply to various equipment regulations of Subparts VI and VII of the CARs.
- (3) The website for the AWM is: <http://www.tc.gc.ca/eng/civilaviation/regserv/cars/part5-menu-1770.htm#standards>.

5.0 INFORMATION MANAGEMENT

- (1) All documents related to this issue shall be deposited on Records Documents and Information Management Systems (RDIMS).

6.0 DOCUMENT HISTORY

- (1) Commercial and Business Aviation Advisory Circular (CBAAC) 0224, 2003-10-09 — Part VI and VII Regulations Cross-Reference to Aircraft Equipment and Installations.

7.0 CONTACT OFFICE

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Suggestions for amendment to this document are invited, and should be submitted via email at:

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Transport Canada documents or intranet pages mentioned in this document are available upon request.

APPENDIX A— PART VI & VII REGULATIONS CROSS-REFERENCE TO AIRCRAFT EQUIPMENT AND INSTALLATION STANDARD

CAR Part VI		
Part VI Regulations	Equipment	Applicable Standard
CAR 602.22 Towing	Tow Hitch	551.10
CAR 602.60 Requirements for Power-Driven Aircraft	Hand-Held Fire Extinguisher	551.400
CAR 602.62 Life Preservers and Flotation Devices	Life-Saving Equipment Over Water-Life Preservers	551.401
CAR 602.62 Life Preservers and Flotation Devices	Life-Saving Equipment Over Water-Individual Flotation Devices (IFD)	551.402
CAR 602.62 Life Preservers and Flotation Devices	Life-Saving Equipment Over Water-Personal Flotation Devices (PFD)	551.403
CAR 602.63 Life Rafts and Survival Equipment – Flights Over Water	Life-Saving Equipment Over Water-Life Rafts	551.404
CAR 602.86 Carry-On Baggage, Equipment and Cargo	Restraint of Carry-On Baggage	551.500
CAR 602.117, 605.14, 605.15, 605.16, 605.18, 605.19, 605.20, 605.21	Radio Communication Equipment	551.107
CAR 605.14, 605.15, 605.16, 605.18	Radio Navigation Equipment	551.108
CAR 605.22 Seat and Safety Belt Requirements	Seat Belt and Shoulder Harness	551.406
CAR 605.24 Shoulder Harness Requirements	Seat Belt and Shoulder Harness	551.406
CAR 605.33 Flight Data Recorder and Cockpit Voice Recorder Requirements	Flight Data Recorder	625.33 551.100
CAR 605.33 Flight Data Recorder and Cockpit Voice Recorder Requirements	Cockpit Voice Recorder	625.33 551.101
CAR 605.35 Transponder and Automatic Pressure-Altitude Reporting Equipment	Transponder and Automatic Pressure Altitude Reporting Equipment	551.103
CAR 605.36 Altitude Alerting System or Device	Altitude Alerting System	551.105
CAR 605.37 Ground Proximity Warning System	Ground Proximity Warning System	551.102
CAR 602.63(7)(a), 602.39(b)(iii)	Aircraft Passenger Transportation Suit Systems	551.407
CAR 605.38 Emergency Locator Transmitter	Emergency Locator Transmitter	551.104

CAR Part VII		
Part VII Regulations	Equipment	Applicable Standard
CAR 702.44 Shoulder Harnesses	Seat Belt and Shoulder Harness	551.406
CAR 703.65 Airborne Thunderstorm Detection and Weather Radar Equipment	Thunderstorm Detection and Weather Radar Equipment	551.106
CAR 703.67 Protective Breathing Equipment	Protective Breathing Equipment	551.405
CAR 703.69 Shoulder Harnesses	Seat Belt and Shoulder Harness	551.406
CAR 704.64 Airborne Thunderstorm Detection and Weather Radar Equipment	Thunderstorm Detection and Weather Radar Equipment	551.106
CAR 704.66 Protective Breathing Equipment	Protective Breathing Equipment	551.405
CAR 704.68 Shoulder Harnesses	Seat Belt and Shoulder Harness	551.406
CAR 704.83 Hand-Held Fire Extinguisher	Hand-Held Fire Extinguisher	551.400
CAR 705.42 Carry-On Baggage	Restraint of Carry-On Baggage	551.500
CAR 705.70 Weather Radar Equipment	Thunderstorm Detection and Weather Radar Equipment	551.106
CAR 705.71 Protective Breathing Equipment	Protective Breathing Equipment	551.405
CAR 705.75 Crew Member Shoulder Harnesses	Seat Belt and Shoulder Harness	551.406
CAR 705.93 Hand Held Fire Extinguishers	Hand-Held Fire Extinguisher	551.400
AWM Chapter 551		
	Equipment	Applicable Standard
	Electrical Power System	551.200
	Battery	551.201