



AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.

Number:

CF-2022-15

Effective Date:

21 April 2022

ATA:

05

Type Certificate:

A-177

Subject:

Time Limits/Maintenance Checks – Introduction of Certification Maintenance Requirements (CMRs)

Applicability:

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9001 through 9860, 9862 through 9871, 9873 through 9879, 60005, 60024, 60030, 60032, 60037, 60043, 60045, 60049, 60056, 60057, 60061 and 60068.

Compliance:

As indicated below, unless already accomplished.

Background:

During a design review, it was discovered that three Candidate Certification Maintenance Requirements (CCMRs) which were dispositioned as Maintenance Review Board Report (MRBR) tasks had reached or exceeded the limit for escalation. Exceeding the CCMR limitation could result in an unsafe condition.

Bombardier has issued CMRs to require continued performance of these MRBR tasks to prevent escalation and reduce the interval, as applicable. This AD requires performance of maintenance in accordance with these new CMRs.

Corrective Actions:

- A. Within 30 days from the effective date of this AD, amend the Transport Canada approved maintenance schedule by incorporating the tasks identified in Table 1 below, as introduced in Part 2 Section 5-10-40 of the applicable Time Limits/Maintenance Checks (TLMC) manuals as identified in Table 2 below, or later revisions approved by Transport Canada.

Table 1: New CMRs

Chapter 5 Task No.	Task Title	Associated MRBR Task	Initial Compliance Time, Whichever Occurs Later
32-34-00-101*	Functional Test of the Landing-Gear Emergency Extension	32-34-00-201	Before accumulating 1550 total hours air time or 1550 hours air time from the most recent accomplishment of the associated MRBR task
32-43-25-101*	Operational Test of the Brake Shutoff Valve	32-43-25-201	Before accumulating 750 total hours air time or 750 hours air time from the most recent accomplishment of the associated MRBR task
52-11-00-106*	Visual Check of the Passenger-Door Vent-Flap Mechanism	52-11-00-205	Before accumulating 750 total hours air time or 750 hours air time from the most recent accomplishment of the associated MRBR task

Table 2: Applicable TLMC Manuals

Aeroplane Model	TLMC Manual	TLMC Revision, Dated 1 March 2022
BD-700-1A10	GL 700 TLMC	Revision 34
BD-700-1A10	GL XRS TLMC	Revision 21
BD-700-1A10	GL 6000 TLMC	Revision 15
BD-700-1A11	GL 5000 TLMC	Revision 25
BD-700-1A11	GL 5000 GVFD TLMC	Revision 15

- B. Initial compliance with the above-mentioned CMRs is required as indicated in Table 1. Thereafter, repeat the above-mentioned CMR tasks at the intervals specified in the applicable TLMC manual as identified in Table 2, or later revisions approved by Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 7 April 2022

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