



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-2022-35

Effective Date:

13 July 2022

ATA:

05

Type Certificate:

A-276

Subject:

Time Limits / Maintenance Checks – Airworthiness Limitations – Tasks Revision

Applicability:

MHI RJ Aviation ULC. (formerly Bombardier Inc.) model CL-600-2C10, CL-600-2C11, CL-600-2D15, CL-600-2D24 and CL-600-2E25 aeroplanes, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

The Airworthiness Limitations (AWL) for CL-600-2C10, CL-600-2C11, CL-600-2D15, CL-600-2D24 and CL-600-2E25 aeroplanes are defined and published in the Maintenance Requirements Manual (MRM) CSP B-053 Part 2, approved by Transport Canada Civil Aviation (TCCA). The instructions contained in the AWL publication have been identified as mandatory actions for continued airworthiness.

TCCA recently approved new and/or more restrictive tasks in: MRM Temporary Revision (TR) ALI-0758, MRM CSP B-053 Part 2 Revision 24, dated 25 February 2021, and MRM CSP B-053 Part 2 Revision 25, dated 25 June 2021. Failure to accomplish these revised/newly added tasks could result in a failure to detect cracks in the principal structural elements leading to an unsafe condition.

This AD mandates accomplishment of all the inspections, as shown in MRM CSP B-53 Part 2, for the revised or newly introduced AWL tasks.

Corrective Actions:

1. Within 60 days from the effective date of this AD, incorporate the new or revised tasks identified in Table 1 below in MRM CSP B-053 Part 2, as applicable to the aeroplane model and configuration.
2. Accomplish these new or revised tasks at the threshold and repeat intervals specified in the MRM CSP B-53 Part 2 listed in Table 1 below or later revisions of MRM CSP B-53 Part 2, approved by TCCA.

Table 1

Task Number	Configuration Letter (LTR)	Title	MRM CSP B-053 Part 2 Revision Number or TR Number
53-11-103	G	Pressure Bulkhead – FS202.75	Revision 24
53-41-115	C	Overwing Longerons, Bottom Flanges – FS693.00 to FS847.00 +16.60, WL73.00	Revision 25
53-41-120	B	Emergency Exit Door Cut-Out Corner	Revision 25
53-41-121	A	Pressure Sill Deck FS693 – FS847	TR ALI- 0758
53-51-110	C	Skin Penetrations FS847.00 +8.40 to FS977.00, Below WL72.00	Revision 25
53-61-101	A, B	Skin Lap Splice – FS977.00 to FS1162.00, STGR7L, STGR20L, STGR7R and STGR20R	Revision 24
53-61-114	C	Aft Pressure Bulkhead FS1098.2	Revision 24
57-42-109	A	Slat #3 Attachment	Revision 24
57-53-101	A, B, C	Outboard Flap Hinge Arms	Revision 24
57-53-102	A, B, C	Outboard Flap Vane Structure	Revision 24
57-53-103	A, B, C	Outboard Flap Vane Mounting Structure	Revision 24
57-53-104	A, B, C	Outboard Flap Box Structure	Revision 24
57-53-105	A, B, C	Outboard Flap Hinge Arm Support Fittings and Surround Structure	Revision 24
57-53-108	A, B, D	Outboard Flap Hinge Support Fittings	Revision 24

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Zack Teclemariam
Acting Chief, Continuing Airworthiness
Issued on 29 June 2022

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