



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-2023-43

Effective Date:

5 July 2023

ATA:

05

Type Certificate:

A-276

Subject:

Time Limits / Maintenance Checks – Airworthiness Limitations – Task Revisions

Applicability:

MHI RJ Aviation ULC. (MHIRJ) (formerly Bombardier Inc.) model CL-600-2E25 aeroplanes, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

MHIRJ introduced changes to the Maintenance Requirements Manual (MRM) CSP B-053, Revision 26, Part 2 Airworthiness Limitations, in Section 2 – Structural Inspections and Section 3 – Safe Life Components wherein two Airworthiness Limitation Items (ALI) were changed, and two new ALIs were introduced. These changes are the result of the latest Damage Tolerance Analyses that revealed the need for more restrictive inspections than initially assumed.

If the new and revised tasks are not performed at the required intervals, failures could remain undetected and could result in the loss of structural integrity of the aeroplane.

Corrective Actions:

1. Within 60 days from the effective date of this AD, incorporate the new and revised tasks identified in Table 1 below, in the appropriate chapter within Section 2 and Section 3 of the MRM CSP B-053 Part 2 manual.
2. Perform the new and revised tasks at their respective threshold and repeat intervals or discard time as appropriate.

Table 1: New or Revised ALI Tasks

ALI Task Number	Title	MRM Part 2 Section	MRM Part 2 Revision	Status
55-41-101	Rudder Interface	Section 2	Revision 26	Revised
57-21-124	Outer Wing, Access Panels in Dry Bay	Section 2	Revision 26	New
57-42-109	Slat #3 Attachment	Section 2	Revision 26	Revised
27-52-23-702	Spigot, Inboard Flap Vane Actuator	Section 3	Revision 26	New

Compliance with superseding Temporary Revisions (TRs) affecting these tasks or later revisions of the MRM Part 2 manual CSP B-053 approved by Transport Canada also meets the intent of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 21 June 2023

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