



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-2026-14

Effective Date:

1 April 2026

ATA:

71

Type Certificate:

A-276

Subject:

Engine – Engine Mount Inadequate Inspections

Applicability:

MHI RJ Aviation ULC. (MHIRJ) (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:

MHIRJ determined that the Fluorescent Penetrant Inspections (FPI) on their own are unable to detect cracks around the lugs of the engine mount - thrust link, engine mount - aft mount and engine mount - side link due to portions of the inspection area being hidden by the flanged bushings or the swaged bearings. Undetected cracks could lead to the structural failure of the affected engine mounts. To address this unsafe condition, MHIRJ issued a Service Bulletin (SB) providing instructions for Special Detailed Inspections (SDI), introducing two new ultrasonic inspections and revising one existing FPI.

This AD requires completion of SDI.

Corrective Actions:

For the purpose of this AD, the following definitions apply:

Applicable MHIRJ SB: SB 670BA-71-018 Rev NC dated 16 June 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Inadequate inspections: are the SDI of the engine mount - thrust link Part Number (P/N) 4126T40G01, engine mount - aft mount P/N 4131T97G01 and engine mount - side link P/N 4126T42G01 performed using the instructions within the Non-Destructive Testing Manual (NDTM) revision 36 or earlier.

Specified Tasks: are the SDI inspections tasks, listed in Column 6 of Table 2 and published in NDTM revision 37 or later revisions.

Repeat Interval: the interval listed in Column 5 of Table 2, expressed in Flight Cycles (FC). Repeat interval starts counting from the last time the inspection was performed in accordance with Reference Instruction Letter (RIL) 11189 instructions or in accordance with the specified tasks.

CONF LTR: Configuration Letter as defined in Maintenance Requirements Manual CSP B-053, Part 2, Section 2.

Group 1 aeroplanes: are model CL-600-2C10, CL-600-2C11, CL-600- 2D15, CL-600-2D24 and CL-600-2E25 aeroplanes that have had, as of the effective date of this AD, the engine mount - thrust link, engine mount - aft mount and engine mount - side link inspected using the instructions published in RIL 11189 or NDTM revision 37 or later or in accordance with Section 2.B. of the Accomplishment Instructions of the applicable MHIRJ SB.

Group 2 aeroplanes: are model CL-600-2C10, CL-600-2C11, CL-600- 2D15, CL-600-2D24 and CL-600-2E25 aeroplanes that have had, as of the effective date of this AD, the engine mount - thrust link, engine mount - aft mount and engine mount - side link inspected using the inadequate inspections.

Group 3 aeroplanes: are model CL-600-2C10, CL-600-2C11, CL-600- 2D15, CL-600-2D24 and CL-600-2E25 aeroplanes on which the engine mount - thrust link, engine mount - aft mount and engine mount - side link have not been inspected as of the effective date of this AD.

Part I – Inspections of the engine mount – thrust link, engine mount – aft mount and engine mount – side link – Applicable to aeroplanes Group 1

- A. Perform the specified tasks at intervals not to exceed the repeat interval listed in Column 5 of Table 2, as applicable to the task number and aeroplane configuration.

Part II – Inspections of the engine mount – thrust link, engine mount – aft mount and engine mount – side link – Applicable to aeroplanes Group 2

- A. Perform the specified tasks within the intervals specified in Column 2 in Table 1 below, as applicable to the aeroplane configuration.

Table 1: Compliance time for Group 2 aeroplanes

Column 1	Column 2
Aeroplane Model	Phase In
CL-600-2C10, CL-600-2C11	Within 9000 FC, from the time of performing the inadequate inspections
CL-600-2D15, CL600-2D24	Within 9000 FC, from the time of performing the inadequate inspections
CL-600-2E25	Within 6000 FC, from the time of performing the inadequate inspections or before reaching 36 000 FC, whichever occurs first

- B. Thereafter perform the specified tasks at intervals not to exceed the repeat interval listed in Column 5 of Table 2, as applicable to the task number and aeroplane configuration

Part III – Inspections of the engine mount – thrust link, engine mount – aft mount and engine mount – side link – Applicable to aeroplanes Group 3

- A. Perform the specified tasks at intervals not to exceed the initial interval listed in Column 4 of Table 2, as applicable to aeroplane configuration.
- B. Thereafter, perform the specified tasks at intervals not to exceed the repeat interval listed in Column 5 of Table 2, as applicable to the task number and aeroplane configuration.

Part IV – Special Instructions – Applicable to all serial numbers

- A. If any defect is found during any of the above inspections, before further flight, contact MHIRJ for an approved disposition and perform the MHIRJ disposition instructions within the compliance time specified by those instructions, or repair using other methods approved by the Chief, Continuing Airworthiness, Transport Canada. The repair disposition must specifically refer to this AD.

Table 2: Compliance time for Group 1, 2 and 3 aeroplanes

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
CONF LTR	MODEL EFFECTIVITY	DESCRIPTION	Initial interval Total FC	Repeat interval FC	Task Number
A/D	700/550	Engine Mounts - Thrust Link	40 000	32 734	71-20-101-270, 71-20-101-230
A/D	700/550	Engine Mounts - Side Link	40 000	40 000	71-20-103-270, 71-20-103-230
A/D	700/550	Engine Mounts - Aft Mount	40 000	26 912	71-20-102-230
B	705/900	Engine Mounts - Thrust Link	40 000	20 000	71-20-101-270, 71-20-101-230
B	705/900	Engine Mounts - Side Link	40 000	20 000	71-20-103-270, 71-20-103-230
B	705/900	Engine Mounts - Aft Mount	40 000	20 000	71-20-102-230
C	1000	Engine Mounts - Thrust Link	30 000	20 000	71-20-101-270, 71-20-101-230
C	1000	Engine Mounts - Side Link	30 000	30 000	71-20-103-270, 71-20-103-230
C	1000	Engine Mounts - Aft Mount	30 000	19 000	71-20-102-230

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 18 March 2026

Contact:

Mihaela Kramer, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.