



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-2020-40

Effective Date:

29 October 2020

ATA:

53

Type Certificate:

A-276

Subject:

Fuselage – Understrength Floor Attachment Structure beneath Galley 2 at Fuselage Station 389.90

Applicability:

MHI RJ Aviation ULC. (formerly Bombardier Inc.) model CL-600-2D15 and CL-600-2D24 aeroplanes, serial numbers 15057, 15063 through 15065, 15071, 15074, 15079, 15087, 15090, 15106, 15111, 15113, 15115 and 15117.

Compliance:

Within 36 months from the effective date of this AD, unless already accomplished.

Background:

During design review of the cabin interior, it was discovered that the lower aft outboard supporting structure of galley 2 does not meet certification requirements for all flight and/or emergency landing loads. This condition, if not corrected, could result in injury to the occupants and/or could limit access to the exit door during emergencies should the galley be displaced or fail structurally. To address this unsafe condition, MHI RJ Aviation ULC. (MHIRJ) has developed a modification that strengthens the floor structure between fuselage stations (FS) 379.00 and FS 394.00 at right buttock line (RBL) 37.75. This AD mandates the incorporation of this modification to the floor support structure at the galley attachment point.

Corrective Actions:

Modify the floor structure between FS 379.00 and FS 394.00 at RBL 37.75 in accordance with the Accomplishment Instructions of MHIRJ Service Bulletin (SB) 670BA-53-060, dated 6 Aug 2020, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 15 October 2020

Contact:

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