



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-2023-10

Effective Date:

3 March 2023

ATA:

25

Type Certificate:

A-276

Subject:

Equipment/Furnishings – Passenger Seats – Y-belts Installed Incorrectly

Applicability:

MHI RJ Aviation ULC. (MHIRJ) (formerly Bombardier Inc.) aeroplanes:

Model CL-600-2C10 and CL-600-2C11, serial numbers 10001 through 10348,

Model CL-600-2D15 and CL-600-2D24, serial numbers 15001 through 15499,

Model CL-600-2E25, serial numbers 19001 through 19064.

Compliance:

Within 24 months from the effective date of this AD, unless already accomplished.

Background:

It was discovered in service, on a CRJ700 aeroplane, that the Y-belts (also known as lap belts) were re-installed in the wrong orientation on a passenger seat following maintenance.

The instructions in the Aircraft Maintenance Manual (AMM) on how to install the Y-belts on the passenger seats showed the incorrect orientation of the Y-belt assembly. The incorrect AMM tasks have since been corrected.

This unsafe condition could be present following reinstallation of these Y-belts in accordance with the incorrect AMM tasks, and if not corrected, could result in passenger injury due to head impact on the front monument during an emergency landing.

This AD mandates the inspection and correction of any Y-belt installation deficiencies.

Corrective Actions:

- A. Inspect all passenger seat Y-belts for proper installation and correct any deficiencies found in accordance with Section 2.B. of the Accomplishment Instructions of MHIRJ Service Bulletin (SB) 670BA-25-135, Revision B, dated 25 November 2022, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- B. The inspection for proper installation and correction of all passenger seat Y-belts, in accordance with Section 2.B. of the Accomplishment Instructions of MHIRJ SB 670BA-25-135, Initial Issue, dated 1 June 2022, or Revision A, dated 30 August 2022, using AMM tasks published at Revision 70, dated 25 May 2022 or later revisions, also meet the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 17 February 2023

Contact:

Philip Lynch, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.