



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-2025-38

Effective Date:

19 August 2025

ATA:

55

Type Certificate:

A-276

Subject:

Horizontal Stabilizer (H-Stab) – Anti Yaw Steady Fitting Block – Missing or Loose Bolts

Replacement:

Supersedes AD CF-2024-24, issued 20 June 2024

Applicability:

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

Model CL-600-2C10 and CL-600-2C11, serial numbers 10002 through 10999.

Model CL-600-2D15 and CL-600-2D24, serial numbers 15001 through 15990.

Model CL-600-2E25, serial numbers 19001 through 19990.

Compliance:

As indicated below, unless already accomplished.

Background:

It was reported during the completion of a maintenance task on the H-Stab that a bolt from the H-Stab anti-yaw steady fitting was missing. The missing bolt and associated hardware were found lying on adjacent structure. Other bolts in the same bolt group on the anti-yaw steady fitting block were found to be loose. The anti-yaw steady fitting block bolts do not have a secondary locking feature.

Loose or missing bolts on the anti-yaw steady fitting block when combined with a bird strike or gust loading may result in loss of the H-Stab.

Since AD CF-2024-24 was issued, more reports have been received of loose or missing bolts prompting a reduction in the initial inspection compliance time while maintaining the interval for the repetitive torque check and compliance time for the terminating action.

This AD requires an inspection of the anti-yaw steady fitting block bolts at set intervals to confirm the bolts are present and torqued to drawing requirements until new bolts with a second locking feature are installed.

Corrective Actions:

- A. Within 800 hours air time or 6 months, whichever occurs first, from the effective date of this AD, check the torque of the H-Stab anti-yaw steady fitting block bolts in accordance with section 2.B. of the Accomplishment Instructions of MHIRJ SB 670BA-55-014 Revision A, dated 22 July 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- B. Thereafter, repeat the torque check indicated in Paragraph A of this AD every 2200 hours air time from the previous inspection.

- C. Within 8800 hours air time or 6 years, whichever occurs first, from the effective date of AD CF-2024-24 (4 July 2024), complete the procedure including the replacement of H-Stab anti-yaw steady fitting block hardware in accordance with section 2.E. of the Accomplishment Instructions of MHIRJ SB 670BA-55-014 Revision A Issue dated 22 July 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- D. Accomplishment of Paragraph C of this AD constitutes a terminating action to the initial and repeat inspection requirements of Paragraph A and Paragraph B of this AD.
- E. This paragraph gives credit for aeroplanes on which an earlier revision of MHIRJ SB 670A-55-014 Sections 2.B and/or 2.E has been accomplished prior to the effective date of this AD. The accomplishment of Section 2.B satisfies the requirements of Paragraph A, and the accomplishment of Section 2.E satisfies the requirements of Paragraph C of this AD."

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 5 August 2024

Contact:

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