



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-2025-46

Effective Date:

16 September 2025

ATA:

57

Type Certificate:

A-177

Subject:

Wings – Missing or Under Torqued Fasteners on Slat 2 Cove Rib 6 Bracket

Applicability:

Bombardier Inc. model BD-700-2A12 aeroplanes, serial numbers 70006 through 70089 and 70091.

Compliance:

Within 48 months from the effective date of this AD, unless already accomplished.

Background:

There have been reports of missing or under torqued fasteners on the slat 2 cove rib 6 bracket. Rib 6 assembly is required to be removed and re-installed at production after the slat 2 telescopic harness is routed through rib 6 and connected to the existing slat 2 harness. Investigation has determined that there is no planning activity to check for proper final installation of the rib 6 assembly, including associated hardware, after its removal and re-installation. This condition is common to both LHS and RHS.

If fasteners are missing or under torqued, the bracket may lose some load carrying capabilities. Stress analysis has determined that missing cove rib 6 load path may lead to reduce safety margins and subsequent loss of structural redundancy.

To address this unsafe condition, this AD mandates the inspection of affected fasteners on the Left-Hand Side (LHS) and Right-Hand Side (RHS) slat 2 cove rib 6 bracket and rectification, as applicable.

Corrective Actions:

Perform the following actions in accordance with Section 2B of the Accomplishment Instructions of Bombardier Service Bulletin 700-57-7530, Basic Issue, dated 31 January 2023, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada:

- A. Inspect the LHS and RHS slat 2 cove rib 6 bracket to determine if all fasteners are installed.
- B. If fasteners are installed, check the torque and rectify, as applicable.
- C. If fasteners are missing, install and torque the new fasteners.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 2 September 2025

Contact:

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