



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-2025-41

Effective Date:

3 September 2025

ATA:

25

Type Certificate:

A-177

Subject:

Equipment/Furnishings – Seats – Missing Loctite

Applicability:

Bombardier Inc. (BA) model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 60006, 60016, 60019, 60020, 60022, 60025, 60027 through 60029, 60031, 60033, 60034, 60036, 60037 and 60039.

BA model BD-700-2A12 aeroplanes, serial numbers 70032, 70042 through 70061, 70063 through 70065 and 70067 through 70069.

Compliance:

Within 10 months from the effective date of this AD, unless already accomplished.

Background:

BA received disclosure letters from the supplier reporting that seat frame assemblies have been found to be assembled without applying Loctite in certain locations of concern.

Lounge and crew rest seat frame assemblies call for the application of Loctite on non-locking fastener joints in different areas. Two sub-systems considered critical are affected by this escape: seat belt anchor point restraining and back rest locking sub-system.

Seat frames assembled without applying Loctite on certain screws may lead to loss of structural joint integrity affecting safety equipment such as lap belt and seat backrest locking mechanisms. The capability of the restraint system to protect the occupant will be reduced. This situation may not be apparent to the occupant during normal operation.

BA issued Service Bulletins (SB) to require the application of Loctite for non-locking fastener joints of the seat frame assembly. It was initially decided to accomplish the SBs in service using monitored fleet campaigns without the issuance of any AD. Since then, it was determined that it is not possible to ensure incorporation of the corrective action on all affected aeroplanes.

For the reason described above and to address this unsafe condition, this AD mandates the corrective actions of the above-mentioned SBs.

Corrective Actions:

Apply Loctite for non-locking fastener joints in accordance with Section 2.B of the Accomplishment Instructions of the applicable BA SB identified in Table 1 below, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Table 1 – SB References

Aeroplane Models	Aeroplane Serial Numbers	Applicable SB
BD-700-1A11	60022 and 60027	700-25-5515 Basic Issue, dated 19 December 2023
BD-700-1A10	60037	700-25-6041 Basic Issue, dated 19 December 2023
BD-700-1A10	60006, 60016, 60019, 60020, 60025, 60028, 60029, 60031, 60033, 60034, 60036, 60039	700-25-6514 Basic Issue, dated 19 December 2023
BD-700-2A12	70032, 70042 through 70061, 70063 through 70065, and 70067 through 70069	700-25-7546 Basic Issue, dated 19 December 2023

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Craig McAllister
Acting Chief, Continuing Airworthiness
Issued on 20 August 2025

Contact:

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