



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-2025-28

Effective Date:

24 June 2025

ATA:

52

Type Certificate:

A-177

Subject:

Doors – Baggage Doorstop Fittings – Improperly Torqued Bolts

Applicability:

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 60057, 60058, 60060 through 60063, and 60065 through 60121.

Compliance:

Within 15 months from the effective date of this AD, unless already accomplished.

Background:

It was reported to Bombardier that inappropriate tooling was used to torque the bolts securing the baggage door stop fittings, which may have resulted in an improper torque condition. If the bolts were under torqued, the fitting could migrate slightly during operation. If the bolts were over torqued, the bolts could yield and, under dynamic loads, such bolts could potentially fracture. Baggage door stop fittings consist of Principal Structural Elements (PSE) where the structural integrity may be impacted by the above condition, potentially leading to cabin depressurization should a fitting failure occurs.

Bombardier released service bulletin (SB) 700-52-5505, 700-52-6505, and 700-52-6013 to perform a torque check of affected bolts and rectification, as applicable.

To address this unsafe condition, this AD mandates the requirements of the above-mentioned Bombardier SBs.

Corrective Actions:

Perform a torque check of the affected bolts and if the bolts at any location fail the torque check, re-torque, re-install, or replace affected bolts and nuts, as applicable, in accordance with the Accomplishment Instructions of the applicable Bombardier SB listed in Table 1 below.

Table 1 – List of Applicable SBs

Aeroplane Model (Marketing Designation)	Aeroplane Serial Number	Applicable SB
BD-700-1A11 (Global 5500)	60065, 60066, 60067, 60070, 60073, 60076, 60080, 60082, 60085, 60090, 60094, 60099, 60102, 60106, 60109, 60113, 60117, and 60119	700-52-5505 Basic issue, dated March 20, 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada (TC).
BD-700-1A10 (Global 6500)	60058, 60060, 60062, 60063, 60069, 60071, 60074, 60075, 60077, 60078, 60079, 60081, 60083, 60084, 60086, 60088, 60089, 60091, 60092, 60093, 60095, 60096, 60097, 60098, 60100, 60101, 60103, 60104, 60105, 60107, 60108, 60110, 60112, 60114, 60116, 60120, and 60121.	700-52-6505 Basic issue, dated March 20, 2025, or later revisions approved by the Chief, Continuing Airworthiness, TC.
BD-700-1A10 (Global 6000)	60057, 60061, 60068, 60072, 60087, 60111, 60115, and 60118.	700-52-6013 Basic issue, dated March 20, 2025, or later revisions approved by the Chief, Continuing Airworthiness, TC.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 10 June 2025

Contact:

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