



AD #: 2025-14-51

Airworthiness Directive (AD) 2025-14-51 is sent to owners and operators of Bombardier Inc. Model BD-700-1A10 and BD-700-1A11 airplanes.

Background

Transport Canada, which is the aviation authority for Canada, has issued Transport Canada AD CF-2025-03, dated January 15, 2025 (Transport Canada AD CF-2025-03) (also referred to as “the mandatory continuing airworthiness information” or “the MCAI”), to correct an unsafe condition on certain serial-numbered Bombardier Inc. Model BD-700-1A10 and BD-700-1A11 airplanes. The MCAI specifies installing locking features on certain network interfaces to prevent unapproved access to these network interfaces.

FAA’s Determination

These products have been approved by the aviation authority of another country and are approved for operation in the United States. Pursuant to the FAA’s bilateral agreement with this State of Design Authority, it has notified the FAA of the unsafe condition described in the MCAI described above. The FAA is issuing this AD after determining that the unsafe condition described previously is likely to exist or develop in other products of the same type design.

AD Requirements

This AD requires installing locking features on the applicable network interfaces.

Justification for Immediate Adoption and Determination of the Effective Date

Section 553(b) of the Administrative Procedure Act (APA) (5 U.S.C. 551 *et seq.*) authorizes agencies to dispense with notice and comment procedures for rules when the agency, for “good cause,” finds that those procedures are “impracticable, unnecessary, or contrary to the public interest.” Under this section, an agency, upon finding good cause, may issue a final rule without providing notice and seeking comment prior to issuance. Further, section 553(d) of the APA authorizes agencies to make rules effective in less than thirty days, upon a finding of good cause.

An unsafe condition exists that requires the immediate adoption of this AD to all known U.S. owners and operators of these airplanes. The FAA has found that the risk to the flying public justifies forgoing notice and comment prior to adoption of this rule because the subject of this AD concerns unauthorized access to network interfaces of the aircraft. Providing an opportunity to comment before operators have complied with this action would be detrimental to transportation security. Accordingly, notice and opportunity for prior public comment are contrary to the public interest pursuant to 5 U.S.C. 553(b).

In addition, the FAA finds that good cause exists pursuant to 5 U.S.C. 553(d) for making this amendment effective in less than 30 days, for the same reasons the FAA found good cause to forgo notice and comment.

Authority for this Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, General requirements. Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Presentation of the Actual Airworthiness Directive

The FAA is issuing this airworthiness directive under 49 U.S.C. 106(g), 40113, and 44701 according to the authority delegated to me by the Administrator.

2025-14-51 Bombardier Inc.: Project Identifier MCAI-2025-00042-T.

(a) Effective Date

This airworthiness directive (AD) is effective upon receipt.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the Bombardier Inc. airplanes, certificated in any category, listed in paragraphs (c)(1) and (2) of this AD.

(1) Model BD-700-1A10 airplanes, serial numbers 9381, 9432 through 9861 inclusive, 9863 through 9878 inclusive, and 60001 through 61999 inclusive.

(2) Model BD-700-1A11 airplanes, serial numbers 9386, 9401, 9445 through 9862 inclusive, 9868 through 9879 inclusive, and 60007 through 61999 inclusive.

(d) Subject

Air Transport Association (ATA) of America Code 31, Indicating/Recording System.

(e) Unsafe Condition

This AD was prompted by discrepancies in the locking features on certain network interfaces. The FAA is issuing this AD to address these discrepancies, which could result in unapproved access to these network interfaces.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Required Action

Within 6 months after the effective date of this AD, install locking features on the applicable network interfaces using a method approved by the Manager, International Validation Branch, FAA.

(h) Credit for Previous Actions

This paragraph provides credit for the actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Bombardier Service Bulletin 700-46-5008, dated July 20, 2022; Bombardier Service Bulletin 700-46-6008, dated July 20, 2022; Bombardier Service Bulletin 700-46-5504, dated July 20, 2022; Bombardier Service Bulletin 700-46-5504, Revision 01, dated August 22, 2024; Bombardier Service Bulletin 700-46-6504, dated July 20, 2022; or Bombardier Service Bulletin 700-46-6504, Revision 01, dated August 22, 2024.

(i) Additional AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or responsible Flight Standards Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (j)(1) of this AD and email to: AMOC@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Validation Branch, FAA; or Transport Canada; or Bombardier Inc.'s Transport Canada Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

(j) Additional Information

(1) For more information about this AD, contact William Reisenauer, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: 516-228-7301; email: william.e.reisenauer@faa.gov.

(2) For Bombardier material identified in this AD, contact Bombardier Business Aircraft Customer Response Center, 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-2999; email ac.yul@aero.bombardier.com; website bombardier.com.

Issued on July 10, 2025.

Steven W. Thompson,
Acting Deputy Director, Compliance & Airworthiness Division,
Aircraft Certification Service.