

§ 39.13 [Amended]

■ 2. The FAA amends § 39.13 by adding the following new airworthiness directive:

2023–21–10 ATR—GIE Avions de

Transport Régional: Amendment 39–22582; Docket No. FAA–2023–1713; Project Identifier MCAI–2023–00781–T.

(a) Effective Date

This airworthiness directive (AD) is effective January 5, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to ATR—GIE Avions de Transport Régional Model ATR42–500 and ATR72–212A airplanes, certificated in any category, as identified in ATR Service Bulletin ATR42–55–0020, dated March 2, 2023; or ATR Service Bulletin ATR72–55–1013, dated March 2, 2023; as applicable.

(d) Subject

Air Transport Association (ATA) of America Code: 55, Stabilizers.

(e) Unsafe Condition

This AD was prompted by reports of loose fasteners and cracks in the horizontal stabilizer (HS) left- and right-hand leading edge lateral ribs, the box in between, the center box upper panel, and HS forward back-up fitting. The FAA is issuing this AD to address loose, missing, or incorrectly installed fasteners, composite delamination, and cracks in the HS. The unsafe condition, if not addressed, could result in reduced structural integrity of the airplane.

(f) Compliance

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

(g) Requirements

Except as specified in paragraphs (h) and (i) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2023–0125, dated June 22, 2023 (EASA AD 2023–0125).

(h) Exceptions to EASA AD 2023–0125

(1) Where paragraph (1) of EASA AD 2023–0125 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where paragraph (2) of EASA AD 2023–0125 specifies to “contact ATR for approved repair instructions and, within the compliance time specified therein, accomplish those instructions accordingly” if any discrepancy is detected, for this AD if any crack is detected, the crack must be repaired before further flight using a method approved by the Manager, International Validation Branch, FAA; or EASA; or ATR—GIE Avions de Transport Régional’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) This AD does not adopt the “Remarks” section of EASA AD 2023–0125.

(i) No Reporting Requirement

Although the service information referenced in EASA AD 2023–0125 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(j) 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 International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD. Information may be emailed to: 9-AVS-AIR-730-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 EASA; or ATR—GIE Avions de Transport Régional’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(k) Additional Information

For more information about this AD, contact Shahram Daneshmandi, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 206–231–3220; email shahram.daneshmandi@faa.gov.

(l) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2023–0125, dated June 22, 2023.

(ii) ATR Service Bulletin ATR42–55–0020, dated March 2, 2023.

(iii) ATR Service Bulletin ATR72–55–1013, dated March 2, 2023.

(3) For EASA AD 2023–0125, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ADs@easa.europa.eu; website easa.europa.eu. You may find this EASA AD on the EASA website ad.easa.europa.eu.

(4) For ATR service information identified in this AD, contact ATR—GIE Avions de Transport Régional, 1 Allée Pierre Nadot, 31712 Blagnac Cedex, France; telephone +33 (0) 5 62 21 62 21; fax +33 (0) 5 62 21 67 18; email continued.airworthiness@atr-aircraft.com; website atr-aircraft.com.

(5) You may view this material at the FAA, Airworthiness Products Section, Operational

Safety Branch, 2200 South 216th Street, Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(6) You may view this material at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, visit: www.archives.gov/federal-register/cfr/ibr-locations or email fr.inspection@nara.gov.

Issued on October 20, 2023.

Ross Landes,

Deputy Director for Regulatory Operations, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2023–26381 Filed 11–30–23; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA–2023–1710; Project Identifier MCAI–2023–00243–T; Amendment 39–22600; AD 2023–22–16]

RIN 2120–AA64

Airworthiness Directives; Bombardier, Inc., Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for certain Bombardier, Inc., Model CL–600–2B16 (604 Variant) airplanes. This AD was prompted by reports from the supplier that sensing elements of the bleed air leak detection system were manufactured with insufficient salt fill, which can result in an inability to detect hot bleed air leaks. This AD requires testing of all affected overhead detection sensing elements of the bleed air leak detection system, and replacement if necessary. This AD also prohibits the installation of affected parts. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective January 5, 2024.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of January 5, 2024.

ADDRESSES:

AD Docket: You may examine the AD docket at regulations.gov under Docket No. FAA–2023–1710; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, the mandatory continuing airworthiness information (MCAI), any comments received, and

other information. The address for Docket Operations is U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

Material Incorporated by Reference:

- For Bombardier service information identified in this final rule, 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.

- For Kidde Aerospace & Defense service information identified in this final rule, contact Kidde Aerospace & Defense, 4200 Airport Drive NW, Building B, Wilson, NC 27896; telephone: 319-295-5000; website: kiddetechnologies.com/aviation.com.

- You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. It is also available at regulations.gov under Docket No. FAA-2023-1710.

FOR FURTHER INFORMATION CONTACT:

Gabriel Kim, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; email 9-avs-nyaco-cos@faa.gov.

SUPPLEMENTARY INFORMATION:

Background

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain Bombardier, Inc., Model CL-600-2B16 (604 Variant) airplanes. The NPRM published in the **Federal Register** on August 14, 2023 (88 FR 54946). The NPRM was prompted by AD CF-2023-05, dated February 8, 2023, issued by Transport Canada, which is the aviation authority for Canada (referred to after this as the MCAI). The MCAI states that Bombardier received reports from the

supplier of the overheat detection sensing elements of a manufacturing quality escape. Some of the sensing elements of the bleed air leak detection system were manufactured with insufficient salt fill, which can result in an inability to detect hot bleed air leaks and cause damage to surrounding structures and systems that can prevent continued safe flight and landing.

In the NPRM, the FAA proposed to require testing of all affected overheat detection sensing elements of the bleed air leak detection system, and replacement if necessary. In the NPRM, the FAA also proposed to prohibit the installation of affected parts. The FAA is issuing this AD to address the unsafe condition on these products.

You may examine the MCAI in the AD docket at regulations.gov under Docket No. FAA-2023-1710.

Discussion of Final Airworthiness Directive

Comments

The FAA received a comment from Bombardier. The following presents the comment received on the NPRM and the FAA's response to the comment.

Request for Removal of Certain Variants

Bombardier requested that the FAA remove reference to the 601-3A and 601-3R Variants from the proposed AD. Bombardier stated that Model CL-600-2B16 601-3A and 601-3R Variants are not affected by the identified unsafe condition; only Model CL-600-2B16 604 Variant airplanes are affected.

The FAA agrees and notes that the 604 Variant airplanes are those having serial numbers 5301 and subsequent, therefore, the 601-3A and 601-3R Variants are not applicable to this AD. The FAA revised the Summary, Background, and paragraph (c) of this AD accordingly.

Conclusion

This product has been approved by the aviation authority of another country and is 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 referenced above. The FAA reviewed the relevant data, considered the comment received, and determined that air safety requires adopting this AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on this product. Except for minor editorial changes, and any other changes described previously, this AD is adopted as proposed in the NPRM. None of the changes will increase the economic burden on any operator.

Related Service Information Under 1 CFR Part 51

The FAA reviewed Bombardier Service Bulletin 604-36-005, Bombardier Service Bulletin 605-36-002, and Bombardier Service Bulletin 650-36-001, all dated December 23, 2022. This service information specifies procedures for testing affected bleed air leak detection system sensing elements (*i.e.*, those marked with a date code before "A2105" (which corresponds to January 31, 2021) with a part number defined in this service information) to determine if they are serviceable and replacing failed sensing elements with serviceable ones. These documents are distinct since they apply to different airplane serial numbers.

The FAA reviewed Kidde Aerospace & Defense Service Bulletin CFD-26-1, Revision 6, dated February 28, 2022. This service information specifies affected continuous fire detector part numbers and testing procedures.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

Costs of Compliance

The FAA estimates that this AD affects 694 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

ESTIMATED COSTS FOR REQUIRED ACTIONS

Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Up to 37 work-hours × \$85 per hour = Up to \$3,145	\$0	Up to \$3,145	Up to \$2,182,630.

The estimates the following costs to do any necessary on-condition actions that would be required based on the

results of any required actions. The FAA has no way of determining the number

of aircraft that might need these on-condition actions.

ESTIMATED COSTS OF ON-CONDITION ACTIONS

Labor cost	Parts cost	Cost per product
37 work-hours × \$85 per hour = \$3,145	\$4,000 *	\$7,145

* The FAA has received no definitive data on which to base the cost estimates for the parts specified in this AD. This is the estimated cost for replacement of 2 percent of the failed sensing elements. If all sensing elements failed, the estimated parts cost would be \$40,000 for each airplane.

The FAA has included all known costs in its cost estimate. According to the manufacturer, however, some or all the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected operators.

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.

Regulatory Findings

This AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Will not affect intrastate aviation in Alaska, and
- (3) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

- 1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

- 2. The FAA amends § 39.13 by adding the following new airworthiness directive:

2023–22–16 Bombardier, Inc.: Amendment 39–22600; Docket No. FAA–2023–1710; Project Identifier MCAI–2023–00243–T.

(a) Effective Date

This airworthiness directive (AD) is effective January 5, 2024.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Bombardier, Inc., Model CL–600–2B16 (604 Variant) airplanes, certificated in any category, serial numbers 5580 through 5665 inclusive, 5701 through 5988 inclusive, and 6050 and subsequent.

(d) Subject

Air Transport Association (ATA) of America Code: 36, Pneumatic.

(e) Unsafe Condition

This AD was prompted by reports that sensing elements of the bleed air leak detection system were manufactured with insufficient salt fill. The FAA is issuing this AD to address insufficient salt fill, which can result in an inability to detect hot bleed air leaks, which can cause damage to surrounding structures and systems that can prevent continued safe flight and landing.

(f) Compliance

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

(g) Definitions

For the purposes of this AD, the definitions specified in paragraphs (g)(1) and (2) of this AD apply.

- (1) Affected part: A sensing element marked with a date code before A2105 and having a part number listed in Kidde Aerospace and Defense Service Bulletin

CFD–26–1, Revision 6, dated February 28, 2022; unless the sensing element meets the conditions specified in paragraphs (g)(1)(i) and (ii) of this AD, or has passed the test specified in paragraph (h) of this AD.

(i) Has been tested in accordance with the Accomplishment Instructions of Kidde Aerospace and Defense Service Bulletin CFD–26–1, Revision 6, dated February 28, 2022, and passed the test; and

(ii) Has been marked on one face of its connector hex nut in accordance with paragraph 3.C., Identification Procedure, of Kidde Aerospace and Defense Service Bulletin CFD–26–1, Revision 6, dated February 28, 2022.

(2) Serviceable part: A sensing element that is not an affected part.

(h) Testing

For airplane serial numbers 5580 through 5665 inclusive, 5701 through 5988 inclusive, and 6050 through 6174 inclusive: Within 7,800 flight cycles or 96 months, whichever occurs first, from the effective date of this AD, test the bleed air leak detection system sensing elements to determine if they are serviceable, in accordance with the Accomplishment Instructions of the applicable service information identified in paragraphs (h)(1) through (3) of this AD. If the sensing element is found serviceable, before further flight, mark the sensing element with a green mark in accordance with the Accomplishment Instructions of the applicable service information identified in paragraphs (h)(1) through (3) of this AD. If the sensing element is found not serviceable, before further flight, replace the sensing element with a serviceable part in accordance with the Accomplishment Instructions of the applicable service information identified in paragraphs (h)(1) through (3) of this AD.

(1) For Model CL–600–2B16 airplanes, serial numbers 5580 through 5665 inclusive (Challenger 604): Use Bombardier Service Bulletin 604–36–005, dated December 23, 2022.

(2) For Model CL–600–2B16 airplanes, serial numbers 5701 through 5988 inclusive (Challenger 605): Use Bombardier Service Bulletin 605–36–002, dated December 23, 2022.

(3) For Model CL–600–2B16 airplanes, serial numbers 6050 through 6174 inclusive (Challenger 650): Use Bombardier Service Bulletin 650–36–001, dated December 23, 2022.

(i) Parts Installation Prohibition

As of the effective date of this AD, no person may install an affected part on any airplane.

(j) No Reporting Requirement

Although the service information referenced in paragraph (g)(1) of this AD and paragraphs (h)(1) through (3) of this AD specifies to submit certain information to the manufacturer, this AD does not include that requirement.

(k) 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, International Validation Branch, mail it to the address identified in paragraph (l)(2) of this AD or email to: 9-AVS-AIR-730-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.

(3) *Required for Compliance (RC)*: Except as required by paragraph (k)(2) of this AD, if any service information contains procedures or tests that are identified as RC, those procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified as RC may be deviated from using accepted methods in accordance with the operator's maintenance or inspection program without obtaining approval of an AMOC, provided the procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

(l) Additional Information

(1) Refer to Transport Canada AD CF-2023-05, dated February 8, 2023, for related information. This Transport Canada AD may be found in the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2023-1710.

(2) For more information about this AD, contact Gabriel Kim, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; email 9-avs-nyaco-cos@faa.gov.

(m) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) Bombardier Service Bulletin 604-36-005, dated December 23, 2022.

(ii) Bombardier Service Bulletin 605-36-002, dated December 23, 2022.

(iii) Bombardier Service Bulletin 650-36-001, dated December 23, 2022.

(iv) Kidde Aerospace and Defense Service Bulletin CFD-26-1, Revision 6, dated February 28, 2022.

Note 1 to paragraph (m)(2)(iv): The revision level of this service bulletin is only identified on the transmittal sheet.

(3) For Bombardier service information 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.

(4) For Kidde Aerospace & Defense service information identified in this AD, contact Kidde Aerospace & Defense, 4200 Airport Drive NW, Building B, Wilson, NC 27896; telephone: 319-295-5000; website: kiddetechnologies.com/aviation.com.

(5) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(6) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fr.inspection@nara.gov, or go to: www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued on November 2, 2023.

Victor Wicklund,

Deputy Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2023-26382 Filed 11-30-23; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF HOMELAND SECURITY**Coast Guard****33 CFR Part 165**

[USCG-2023-0933]

RIN 1625-AA00

Safety Zone, Upper Mississippi River MM 660.5-659.5, Lansing, IA

AGENCY: Coast Guard, Department of Homeland Security (DHS).

ACTION: Temporary final rule.

SUMMARY: The Coast Guard is establishing a temporary safety zone for all navigable waters in the Upper Mississippi River at Mile Marker (MM) 660.5 through 659.5. The safety zone is needed to protect personnel, vessels, and the marine environment from all potential hazards associated with the

implosion of the Lansing Power Station. Entry of vessels or persons into this zone is prohibited unless specifically authorized by the Captain of the Port Sector Upper Mississippi River (COTP) or a designated representative.

DATES: This rule is effective without actual notice from December 1, 2023 through December 8, 2023. For the purposes of enforcement, actual notice will be used from November 28, 2023, until December 1, 2023.

ADDRESSES: To view documents mentioned in this preamble as being available in the docket, go to <https://www.regulations.gov>, type USCG-2023-0933 in the search box and click "Search." Next, in the Document Type column, select "Supporting & Related Material."

FOR FURTHER INFORMATION CONTACT: If you have questions on this rule, call or email MSTC Nathaniel Dibley, Sector Upper Mississippi River Waterways Management Division, U.S. Coast Guard; telephone 314-269-2560, email Nathaniel.D.Dibley@uscg.mil.

SUPPLEMENTARY INFORMATION:**I. Table of Abbreviations**

CFR Code of Federal Regulations
DHS Department of Homeland Security
FR Federal Register
NPRM Notice of proposed rulemaking
§ Section
U.S.C. United States Code

II. Background Information and Regulatory History

The Coast Guard is issuing this temporary rule without prior notice and opportunity to comment pursuant to authority under section 4(a) of the Administrative Procedure Act (APA) (5 U.S.C. 553(b)). This provision authorizes an agency to issue a rule without prior notice and opportunity to comment when the agency for good cause finds that those procedures are "impracticable, unnecessary, or contrary to the public interest." Under 5 U.S.C. 553(b)(B), the Coast Guard finds that good cause exists for not publishing a notice of proposed rulemaking (NPRM) with respect to this rule because a temporary safety zone must be established immediately to protect personnel, vessels, and the marine environment from potential hazards created by the use of explosives for the implosion of the power plant and lack sufficient time to provide a reasonable comment period and then consider those comments before issuing the rule. It is impracticable to publish an NPRM because we must establish this safety zone by November 28, 2023.

Under 5 U.S.C. 553(d)(3), the Coast Guard finds that good cause exists for