§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):


(a) Comments Due Date

The FAA must receive comments by April 12, 2021.

(b) Affected ADs

None.

c) Applicability

This AD applies to Airbus Canada Limited Partnership Model BD–500–1A10 and BD–500–1A11 airplanes, certificated in any category, as identified in Canadian AD CF–2020–36, dated October 8, 2020 (TCCA AD CF–2020–36).

d) Subject

Air Transport Association (ATA) of America Code 27, Flight control system.

e) Reason

This AD was prompted by reports of deficiencies in the primary flight control computer (PFCC) and remote electronics unit (REU) software. The FAA is issuing this AD to address software deficiencies that, if not corrected, could impact flight control functions, which could prevent continued safe flight and landing.

(f) Compliance

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

g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, TCCA AD CF–2020–36. The pre-requisites specified in the service information referenced in this AD must be met prior to accomplishing the required actions.

(h) Exception and Clarification of TCCA AD CF–2020–36

(1) Where TCCA AD CF–2020–36 refers to its effective date, this AD requires the effective date of this AD.

(2) The compliance time for the actions required by paragraph (g) of this AD is the earliest of the times specified in paragraphs (h)(2)(i) through (iii) of this AD.

(i) Prior to the accumulation of 12,000 total flight hours.

(ii) Within 56 months after the effective date of this AD.

(iii) Within 9,350 flight hours after the effective date of this AD.

(i) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York ACO 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 certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7300; fax 516–794–5531. 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, New York ACO Branch, FAA, or Transport Canada Civil Aviation (TCCA); or Airbus Canada Limited Partnership’s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO–authorized signature.

(j) Related Information

(1) For TCCA AD CF–2020–36, contact Transport Canada National Aircraft Certification, 159 Cleopatra Drive, Nepean, Ontario, K1A 0N5 CANADA; phone 613–663–3639; email AD-CN@tc.gc.ca; internet https://tc.canada.ca/en/aviation. You may view this material 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. This material may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0019.

(2) For more information about this AD, contact Thomas Nizicky, Aerospace Engineer, Avionics and Electrical Systems Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7347; fax 516–794–5531; email 9-avs-nuyco-cos@faa.gov.

Issued on January 28, 2021.

Lance T. Gant,
Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2021–00602 Filed 2–23–21; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Bombardier, Inc., Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to adopt a new airworthiness directive (AD) for all Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes. This proposed AD was prompted by reports indicating that the left- and right-hand elevator torque tube bearings were contaminated with sand and corrosion, restricting free rotation. This proposed AD would require repetitive general visual inspections of the left- and right-hand elevator torque tube bearings for any sand, dust, or corrosion; repetitive functional tests of the elevator control system; and replacement of the elevator torque tube bearings if necessary. The FAA is proposing this AD to address the unsafe condition on these products.

DATES: The FAA must receive comments on this proposed AD by April 12, 2021.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

• Federal eRulemaking Portal: Go to https://www.regulations.gov. Follow the instructions for submitting comments.

• Fax: 202–493–2251.


• Hand Delivery: Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Bombardier, Inc., 200 Côte-Vertu Road West, Dorval, Québec H4S 2A3, Canada; North America toll-free telephone 1–866–538–1247 or direct-dial telephone 1–514–855–2999; email ac.yul@ aero.bombardier.com; internet http://www.bombardier.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.

Examining the AD Docket

You may examine the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0093; 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 NPRM, any comments received, and other information. The street address for Docket Operations is listed above.
FOR FURTHER INFORMATION CONTACT:
Siddeeq Bacchus, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7362; fax 516–794–5531; email 9-avs-nyaco-cos@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited
The FAA invites you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under ADDRESSES. Include “Docket No. FAA–2021–0093; Project Identifier MCAI–2020–01213–T” at the beginning of your comments. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend the proposal because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to https://www.regulations.gov, including any personal information you provide. The agency will also post a report summarizing each substantive verbal contact received about this proposed AD.

Confidential Business Information
CBI is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as “PROPIN.” The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Siddeeq Bacchus, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7362; fax 516–794–5531; email 9-avs-nyaco-cos@faa.gov.

Background
Transport Canada Civil Aviation (TCCA), which is the aviation authority for Canada, has issued TCCA AD CF–2020–29, dated August 21, 2020 (referred to after this as the Mandatory Continuing Airworthiness Information, or the MCAI), to correct an unsafe condition for all Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes. You may examine the MCAI in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0093.

This proposed AD was prompted by reports indicating that the left- and right-hand elevator torque tube bearings were contaminated with sand and corrosion, restricting free rotation. The FAA is proposing this AD to address sand contamination and corrosion of the elevator torque tube bearings, which could lead to binding or seizure of the bearings, and potentially lead to a reduction in or loss of airplane pitch control. See the MCAI for additional background information.

Related Service Information Under 1 CFR Part 51
Bombardier has issued the following service information:

Estimated Costs for Required Actions *

<table>
<thead>
<tr>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
<th>Cost on U.S. operators</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 work-hours × $85 per hour = $1,870 ..........</td>
<td>Up to $4 (for four cotter pins) ** .................</td>
<td>Up to $1,874 ............</td>
<td>Up to $734,608.</td>
</tr>
</tbody>
</table>

* Table does not include estimated costs for reporting.
** Parts cost include replacement parts where necessary.
The FAA estimates that it would take about 1 work-hour per product to comply with the proposed reporting requirement in this proposed AD. The average labor rate is $85 per hour. Based on these figures, the FAA estimates the cost of reporting the inspection results on U.S. operators to be $33,320, or $85 per product.

The FAA estimates the following costs to do any necessary on-condition action 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 this on-condition action:

<table>
<thead>
<tr>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 work-hours × $85 per hour = $425</td>
<td>$271 (for four bearings)</td>
<td>$696</td>
</tr>
</tbody>
</table>

According to the manufacturer, some or all of the costs of this proposed AD may be covered under warranty, thereby reducing the cost impact on affected operators. The FAA does not control warranty coverage for affected operators. As a result, the FAA has included all known costs in the cost estimate.

**Paperwork Reduction Act**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB control number. The control number for the collection of information required by this proposed AD is 2120–0056. The paperwork cost associated with this proposed AD has been detailed in the Costs of Compliance section of this document and includes time for reviewing instructions, as well as completing and reviewing the collection of information. Therefore, all reporting associated with this proposed AD is mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177–1524.

**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**

The FAA determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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 this proposed regulation:

1. Is not a “significant regulatory action” under Executive Order 12866,
2. Would not affect intrastate aviation in Alaska, and
3. Would 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 Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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.

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


   (a) **Comments Due Date**

   The FAA must receive comments by April 12, 2021.

   (b) **Affected Airworthiness Directives (ADs)**

   None.

   (c) **Applicability**

   This AD applies to all Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes, certificated in any category.

   (d) **Subject**

   Air Transport Association (ATA) of America Code 27, Flight controls.

   (e) **Reason**

   This AD was prompted by reports indicating that the left- and right-hand elevator torque tube bearings were contaminated with sand and corrosion, restricting free rotation. The FAA is issuing this AD to address sand contamination and corrosion of the elevator torque tube bearings, which could lead to binding or seizure of the bearings, and potentially lead to a reduction in or loss of airplane pitch control.

   (f) **Compliance**

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

   (g) **Inspection and Corrective Actions**

   Within 36 months from the effective date of this AD or within 63 months from the date of airplane manufacture, as identified on the identification plate of the airplane, whichever occurs later: Do a general visual inspection of the left- and right-hand elevator torque tube bearings for any sand, dust, or corrosion; perform a functional test of the elevator control system; and do all applicable corrective actions; in accordance with the Accomplishment Instructions of paragraphs 2.B., 2.C., and 2.D. of the applicable service information specified in figure 1 to paragraph (g) of this AD. Applicable corrective actions must be done before further flight. Repeat the general visual inspection and functional test thereafter at intervals not to exceed 63 months.
Figure 1 to paragraph (g) – Service Information

<table>
<thead>
<tr>
<th>For Model–</th>
<th>Having Serial numbers–</th>
<th>Use Bombardier Service Bulletin–</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-700-1A10</td>
<td>9002 to 9312, 9314 to 9380, and 9384 to 9429 inclusive</td>
<td>700-27-083, Revision 1, dated December 7, 2020</td>
</tr>
<tr>
<td>BD-700-1A10</td>
<td>9313, 9381, 9432 to 9860, 9863 to 9871, 9873 to 9997, and 60005 to 619991 inclusive</td>
<td>700-27-6012, Revision 1, dated December 7, 2020</td>
</tr>
<tr>
<td>BD-700-1A10</td>
<td>9861, 9872, and 60001 to 61999 inclusive</td>
<td>700-27-6503, Revision 1, dated December 7, 2020</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>9127 to 9383, 9389 to 9400, 9404 to 9431, and 9998</td>
<td>700-1A11-27-041, Revision 1, dated December 7, 2020</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>9386, 9401, 9445 to 9862, and 9868 to 9997 inclusive</td>
<td>700-27-5012, Revision 1, dated December 7, 2020</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>60007 to 61999 inclusive</td>
<td>700-27-5503, Revision 1, dated December 7, 2020</td>
</tr>
</tbody>
</table>

1 Certain serial numbers are identified by the “Global 6000 and Global 6500” marketing designations for Model BD-700-1A10 airplanes. Paragraph 1.M., “Equivalent Service Bulletins,” of the applicable service information identifies related service information using these marketing designations.

(h) Reporting Requirement

At the applicable time specified in paragraph (h)(1) or (2) of this AD, submit a report of all findings, positive and negative, of each of the first three inspections required by paragraph (g) of this AD. Submit the report to Bombardier, in accordance with the details specified in the applicable service information specified in figure 1 to paragraph (g) of this AD.

(1) If the inspection was done on or after the effective date of this AD: Submit the report within 30 days after the inspection.

(2) If the inspection was done before the effective date of this AD: Submit the report within 30 days after the effective date of this AD.

(i) Credit for Previous Actions

This paragraph provides credit for actions required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using the applicable service information in paragraphs (i)(1) through (6).


(j) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, New York ACO 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 certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7300; fax 516–794–5531. 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, New York ACO Branch, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier Inc.’s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

(3) Reporting Requirements: A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 11183–0067. Public reporting for this collection of information is estimated to be approximately 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory as required by this AD. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177–1524.

(k) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) TCCA AD CF–2020–29, dated August 21, 2020, for related information. This MCAI may be found in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0093.

(2) For more information about this AD, contact Siddeeq Bacchus, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7362; fax 516–794–5531; email 9-avs-nyaco-cor@faa.gov.

(3) For service information identified in this AD, contact Bombardier, Inc., 200 Côte-Vertu Road West, Dorval, Québec H4S 2A3, Canada; North America toll-free telephone 1–866–538–1247 or direct-dial telephone 1–514–855–2999; email ac.yul@ aero.bombardier.com; internet http://www.bombardier.com. You may view this service information at the FAA.
The FAA proposes to adopt a new airworthiness directive (AD) for all Saab AB, Support and Services Model SAAB 2000 airplanes. This proposed AD was prompted by a report indicating that the left-hand main landing gear (MLG) collapsed after touchdown, causing severe damage to the airplane. This proposed AD would require modifying the MLG hydraulic transfer valve, as specified in a European Union Aviation Safety Agency (EASA) AD, which is proposed for incorporation by reference. The FAA is proposing this AD to address the unsafe condition on these products.

DATES: The FAA must receive comments on this proposed AD by April 12, 2021.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- Federal eRulemaking Portal: Go to https://www.regulations.gov. Follow the instructions for submitting comments.
- Hand Delivery: Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For material that will be incorporated by reference (IBR) in this AD, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8909 000; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this IBR material on the EASA website at https://ad.easa.europa.eu. You may view this IBR material 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 in the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0023.

EXAMINING THE AD DOCKET

You may examine the AD docket on the internet at https://www.regulations.gov by searching for and locating Docket No. FAA–2021–0023; 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 NPRM, any comments received, and other information. The street address for Docket Operations is listed above.

FOR FURTHER INFORMATION CONTACT:
Shahram Daneshmandi, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206–231–3220; email Shahram.Daneshmandi@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

The FAA invites you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under ADDRESSES. Include “Docket No. FAA–2021–0023; Project Identifier MCAI–2020–01407–T” at the beginning of your comments. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend the proposal because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to https://www.regulations.gov, including any personal information you provide. The agency will also post a report summarizing each substantive verbal comment received about this proposed AD.

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CBI is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as “PROPIN.” The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Shahram Daneshmandi, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206–231–3220; email Shahram.Daneshmandi@faa.gov. Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

Background

The EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2020–0233, dated October 14, 2020 (EASA AD 2020–0233) [also referred to as the Mandatory Continuing Airworthiness Information, or the MCAI], to correct an unsafe condition for all Saab AB, Support and Services Model SAAB 2000 airplanes.

This proposed AD was prompted by a report indicating that the left-hand MLG collapsed after touchdown, causing severe damage to the airplane. The FAA is proposing this AD to address abnormal behavior of the MLG hydraulic transfer valve due to a restriction in hydraulic flow, which could cause the MLG hydraulic transfer valve to not function properly and fail to retract, extend, or lock the MLG, and possibly result in MLG collapse following landing and consequent damage to the airplane and injury to occupants. See the MCAI for additional background information.

Related Service Information Under 1 CFR Part 51

EASA AD 2020–0233 describes procedures for modifying the MLG hydraulic transfer valve. This...