We propose to adopt a new airworthiness directive (AD) for certain Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes. This proposed AD was prompted by in-service findings that a cotter pin at the main fitting pin of the nose landing gear (NLG) retraction actuator to the NLG strut showed evidence of shearing after a NLG retraction-extension cycling. This proposed AD would require revising the maintenance or inspection program, as applicable, a general visual inspection for damage of a certain cotter pin present on certain configurations of the NLG strut assembly and for the modification number shown on the identification plate for the NLG strut, and modification of the NLG retraction actuator hardware on any damaged NLG strut assembly. We are proposing this AD to address the unsafe condition on these products.

DATES: We must receive comments on this proposed AD by October 1, 2018.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:
• Fax: 202–493–2251.
• Mail: U.S. Department of Transportation, Docket Operations, Room W12–140, 1200 New Jersey Avenue SE, Washington, DC 20590.

 SUPPLEMENTARY INFORMATION:
Comments Invited
We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA–2018–0710; Product Identifier 2018–NM–079–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this NPRM. We will consider all comments received by the closing date and may amend this NPRM because of those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this NPRM.

Discussion
Transport Canada Civil Aviation (TCCA), which is the aviation authority for Canada, has issued Canadian AD CF–2018–05, dated January 23, 2018 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes. The MCAI states:

There have been in-service findings whereby the cotter pin at the retraction actuator to nose landing gear (NLG) strut main fitting was observed to be damaged after a NLG retraction-extension cycling. This condition could lead to a loss of hardware and result in an actuator disconnection resulting in a failure to retract or extend, or in an undamaged freefall of the NLG (which could adversely affect the airplane’s continued safe flight and landing).

This AD mandates a revision to the approved maintenance schedule. This AD also mandates a visual inspection of the cotter pin for certain configurations of NLG strut assembly, and if found damaged, the incorporation of a modification which introduces a new castellated nut, spacer, end plate and sleeve to the NLG retraction actuator to main fitting joint.

We must receive comments on this proposed AD by October 1, 2018.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:
• Fax: 202–493–2251.
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Comments Invited
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This AD mandates a revision to the approved maintenance schedule. This AD also mandates a visual inspection of the cotter pin for certain configurations of NLG strut assembly, and if found damaged, the incorporation of a modification which introduces a new castellated nut, spacer, end plate and sleeve to the NLG retraction actuator to main fitting joint.

We must receive comments on this proposed AD by October 1, 2018.

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:
• Fax: 202–493–2251.
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Discussion
Transport Canada Civil Aviation (TCCA), which is the aviation authority for Canada, has issued Canadian AD CF–2018–05, dated January 23, 2018 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes. The MCAI states:

There have been in-service findings whereby the cotter pin at the retraction actuator to nose landing gear (NLG) strut main fitting was observed to be damaged after a NLG retraction-extension cycling. This condition could lead to a loss of hardware and result in an actuator disconnection resulting in a failure to retract or extend, or in an undamped freefall of the NLG (which could adversely affect the airplane’s continued safe flight and landing).

This AD mandates a revision to the approved maintenance schedule. This AD also mandates a visual inspection of the cotter pin for certain configurations of NLG strut assembly, and if found damaged, the incorporation of a modification which introduces a new castellated nut, spacer, end plate and sleeve to the NLG retraction actuator to main fitting joint.
The required actions also include a prohibition on accomplishing Liebherr-Aerospace Service Bulletin 1285A–32–07 at any revision level on the NLG strut assemblies of any Bombardier, Inc., Model BD–700–1A10 or BD–700–1A11 airplane in order to prevent the installation of the affected configuration of the NLG strut assembly. You may examine the MCAI in the AD docket on the internet at http://www.regulations.gov by searching for and locating Docket No. FAA–2018–0710.

Related Service Information Under 1 CFR Part 51

Bombardier has issued the following service information, which describes procedures for a general visual inspection for damage of the cotter pin retaining the bolt that secures the main fitting joint of the NLG retraction actuator to the NLG strut and for the modification number shown on the identification plate for the NLG strut, and modifying the attachment hardware that secures the NLG retraction actuator to the NLG strut. These documents are distinct since they apply to different airplane models in different configurations.

• Bombardier Service Bulletin 700–1A11–32–022, Revision 2, dated November 6, 2017.

Bombardier has issued the following service information, which identifies airworthiness limitation tasks for restoration of the main fitting joint of the NLG retraction actuator to the NLG strut. These documents are distinct since they apply to different airplane models in different configurations.


We estimate the following costs to do the on-condition action:

<table>
<thead>
<tr>
<th>ACTION</th>
<th>ESTIMATED COSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 work-hour</td>
<td>$85 per work-hour</td>
</tr>
</tbody>
</table>

We have determined that revising the maintenance or inspection program takes an average of 90 work-hours per operator, although we recognize that this number may vary from operator to operator. In the past, we have estimated that this action takes 1 work-hour per airplane. Since operators incorporate maintenance or inspection program changes for their affected fleet(s), we have determined that a per-operator estimate is more accurate than a per-airplane estimate. Therefore, we estimate the total cost per operator to be $7,650 (90 work-hours × $85 per work-hour).

We estimate the following costs to do the necessary on-condition action that would be required based on the results of any required actions. We have no way of determining the number of aircraft that might need this on-condition action:

<table>
<thead>
<tr>
<th>ACTION</th>
<th>ESTIMATED COSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 work-hour</td>
<td>$85 per work-hour</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
individuals. We do not control warranty coverage for affected individuals. As a result, we have included all known costs in our cost estimate.

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.

We are 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.

This proposed AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to transport category airplanes to the Director of the System Oversight Division.

Regulatory Findings

We 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. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
3. Will not affect intrastate aviation in Alaska; and
4. 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 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.

§ 39.13 [Amended]

■ 2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):
   (a) Comments Due Date
   We must receive comments by October 1, 2018.

(b) Affected ADs
   None.

(c) Applicability
   This AD applies to Bombardier, Inc., Model BD–700–1A10 and BD–700–1A11 airplanes, certificated in any category, serial numbers 9002 through 9638 inclusive and 9998.

(d) Subject
   Air Transport Association (ATA) of America Code 32, Landing gear.

(e) Reason
   This AD was prompted by in-service findings that a cotter pin at the main fitting joint of the nose landing gear (NLG) retraction actuator to the NLG strut showed evidence of shearing after a NLG retraction-extension cycling. We are issuing this AD to address this condition which could lead to a loss of hardware and result in an actuator disconnect and the NLG failing to retract or extend, or in an undamped freefall, which could adversely affect the airplane’s continued safe flight and landing.

(f) Compliance
   Comply with this AD within the compliance times specified, unless already done.

(g) Maintenance or Inspection Program Revision
   Within 30 days after the effective date of this AD: Revise the maintenance or inspection program, as applicable, to incorporate the information specified in Airworthiness Limitation (AWL) Task 32–33–01–111, “Restoration of the Nose Landing Gear Shock-Strut Assembly to Retraction-Actuator Main-Fitting Joint,” as specified in the applicable time limits/maintenance checks (TLMC) manual identified in figure 1 to paragraph (g) of this AD, as applicable.

   The initial compliance time for doing the task is at the time specified in the applicable TLMC manual listed in figure 1 to paragraph (g) of this AD, or within 30 days after the effective date of this AD, whichever occurs later.
### Figure 1 to paragraph (g) of this AD – Acceptable Time Limits/Maintenance Checks Manuals

<table>
<thead>
<tr>
<th>Airplane Models</th>
<th>Time Limits/Maintenance Checks (TLMC) Manual Number</th>
<th>Acceptable Revision Number</th>
<th>Date of Issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-700-1A10</td>
<td>Bombardier Global Express BD-700 (&quot;GL 700 TLMC&quot;)</td>
<td>Revision 28</td>
<td>November 13, 2017</td>
</tr>
<tr>
<td></td>
<td>Global Express XRS BD-700 (&quot;GL XRS TLMC&quot;)</td>
<td>Revision 15</td>
<td>November 13, 2017</td>
</tr>
<tr>
<td></td>
<td>Global 6000 GL 6000 (&quot;GL 6000 TLMC&quot;)</td>
<td>Revision 9</td>
<td>November 13, 2017</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>Global 5000 BD-700 (&quot;GL 5000 TLMC&quot;)</td>
<td>Revision 19</td>
<td>November 13, 2017</td>
</tr>
<tr>
<td></td>
<td>Global 5000 GL 5000 Featuring Global Vision Flight Deck (&quot;GL 5000 GVFD TLMC&quot;)</td>
<td>Revision 9</td>
<td>November 13, 2017</td>
</tr>
</tbody>
</table>

**h) Inspection and Modification**

(1) Except for airplanes identified in paragraph (h)(2) of this AD: Within 6 months from the effective date of this AD, perform a general visual inspection for damage of the cotter pin retaining the bolt that secures the NLG retraction actuator to the NLG strut, and a general visual inspection of the modification number shown on the identification plate for the NLG strut, and, if applicable, mark the correct modification number on the identification plate of the NLG strut, in accordance with the applicable Bombardier service information as shown in figure 2 to paragraph (h) of this AD. If damage to the cotter pin is present: Before further flight, perform the modification of the NLG attachment joint in accordance with the Accomplishment Instructions of the applicable Bombardier service information as shown in figure 2 to paragraph (h) of this AD.

(2) The actions specified in paragraph (h)(1) of this AD are not required for airplanes that do not have the NLG configuration specified in Paragraph 1.A, “Effectivity” of the applicable Bombardier service information as shown in figure 2 to paragraph (h) of this AD.
(i) No Alternative Actions or Intervals

After the maintenance or inspection program has been revised as required by paragraph (g) of this AD, no alternative actions (e.g., inspections) or intervals, may be used unless the actions or intervals are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (l)(1) of this AD.

(j) Credit for Previous Actions

(1) 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 service information specified in paragraph (j)(1) of this AD.

(k) Service Information Prohibition

As of the effective date of this AD, no person may incorporate Liebherr-Aerospace Service Bulletin 1285A–32–07 at any revision level on the NLG strut assemblies of any Bombardier, Inc., Model BD–700–1A10 or BD–700–1A11 airplane.

(l) 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 local Flight Standards District Office, as

Figure 2 to paragraph (h) of this AD – Service Bulletins for Inspection and Modification

<table>
<thead>
<tr>
<th>Airplane Model</th>
<th>Bombardier Service Bulletin</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-700-1A10</td>
<td>700-32-035, Revision 2</td>
<td>November 6, 2017</td>
</tr>
<tr>
<td></td>
<td>700-32-6011, Revision 2</td>
<td>November 6, 2017</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>700-1A11-32-022, Revision 2</td>
<td>November 6, 2017</td>
</tr>
<tr>
<td></td>
<td>700-32-5011, Revision 2</td>
<td>November 6, 2017</td>
</tr>
</tbody>
</table>

Figure 3 to paragraph (j)(1) of this AD - Acceptable Temporary Revisions (TR) by Airplane Model

<table>
<thead>
<tr>
<th>Airplane Models</th>
<th>TLMC Manual Number</th>
<th>Acceptable TR</th>
<th>Date of Issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD-700-1A10</td>
<td>GL 700 TLMC</td>
<td>TR-5-2-46</td>
<td>May 19, 2015</td>
</tr>
<tr>
<td></td>
<td>GL XRS TLMC</td>
<td>TR-5-2-9</td>
<td>May 19, 2015</td>
</tr>
<tr>
<td></td>
<td>GL 6000 TLMC</td>
<td>TR-5-2-13 and TR-5-2-14</td>
<td>May 19, 2015</td>
</tr>
<tr>
<td>BD-700-1A11</td>
<td>GL 5000 TLMC</td>
<td>TR-5-2-15</td>
<td>May 19, 2015</td>
</tr>
<tr>
<td></td>
<td>GL 5000 GVFD TLMC</td>
<td>TR-5-2-13 and TR-5-2-14</td>
<td>May 19, 2015</td>
</tr>
</tbody>
</table>
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 516–228–7318; fax 516–794–5531; before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action 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.

(m) Related Information


(2) For more information about this AD, contact Cesar Gomez, Aerospace Engineer, Airframe and Mechanical Systems Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7318; fax 516–794–5531; email 9-avs-nyaco-cos@faa.gov.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Coˆte-Vertu Road West, Dorval, Quebec: H4S 1Y9, Canada; telephone 514–855–5000; fax 514–855–7401; email lh@ bombardier.com; internet http://www.bombardier.com. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

Issued in Des Moines, Washington, on August 7, 2018.

Michael Kaszczyki,
Acting Director, System Oversight Division, Aircraft Certification Service.

[FR Doc. 2016–17622 Filed 8–15–18; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Airbus SAS Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for certain Airbus SAS Model A350–941 airplanes. This proposed AD was prompted by a review of the Airbus A350 structure design principles database for type definition that revealed that the balancer fitting part, installed on the tail cone, on a certain frame (FR) has several corrosion-resistant stainless steel nuts that do not meet the requirements for protection against corrosion. This proposed AD would require application of a new additional overcoat sealant and elastic varnish on the affected nuts and fasteners. We are proposing this AD to address the unsafe condition on these products.

DATES: We must receive comments on this proposed AD by October 1, 2018.

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 http://www.regulations.gov. Follow the instructions for submitting comments.

• Fax: 202–493–2251.


• Hand Delivery: Deliver to Mail Distribution Office—EAL, Rond-Point des Musees, 135, rue de Vaugirard, 75748 Paris CEDEX 15, France; telephone +33 5 61 93 36 61, fax +33 5 61 93 36 96; email continued-airworthiness.a350@ airbus.com; internet http://www.airbus.com. You may view this service information at the FAA, Transport Standards 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 http://www.regulations.gov by searching for and locating Docket No. FAA–2018–0758; or in person at Docket Operations Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7318; fax 516–794–5531; before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

FOR FURTHER INFORMATION CONTACT: Kathleen Arrigotti, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 50318; telephone and fax 206–321–3218.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA–2018–0758; Product Identifier 2018–NM–093–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this NPRM. We will consider all comments received by the closing date and may amend this NPRM because of those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this NPRM.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2018–0123, dated June 4, 2018 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain Airbus SAS Model A350–941 airplanes. The MCAI states:

Following a complete review of the Airbus A350 structure design principles database for type definition, it was revealed that the balancer fitting part, installed on the tail cone, lower section of Frame (FR) 103, has several corrosion resistant stainless steel nuts installed on elementary aluminium parts, which does not meet the requirements for protection against corrosion.

This condition, if not corrected, could reduce the structural integrity of the aeroplane.

To address this unsafe condition, Airbus developed production mod 110319 to improve protection against corrosion, and issued the SB [Airbus Service Bulletin A350–53–P024] to provide modification instructions for in-service pre-mod aeroplanes. At the same time the production mod 110348 is equivalent to in-service solution.

For the reasons described above, this [EASA] AD requires a modification, adding new additional overcoat sealant and elastic varnish on the affected nuts and fastener heads.