We have received Airbus Mandatory Service Bulletins A330–27–3179 and A340–27–4175, both Revision 01, both dated June 13, 2013; which specify no additional work. We have updated paragraphs (g), (i), and (n) of this final rule to reference this service information. We have also added new paragraph (m) to this final rule to allow credit for the actions specified in paragraphs (g), (i), and (n) of this final rule, if those actions were performed before the effective date of this AD using Airbus Mandatory Service Bulletins A330–27–3179, dated February 14, 2012; or A340–27–4175, dated February 14, 2012. Subsequent paragraphs have been re-designated accordingly.

**Comments**

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM (78 FR 46543, August 1, 2013) or on the determination of the cost to the public.

**Conclusion**

We reviewed the available data and determined that air safety and the
public interest require adopting this AD with the changes described previously and minor editorial changes. We have determined that these changes:

- Are consistent with the intent that was proposed in the NPRM (78 FR 46543, August 1, 2013) for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM (78 FR 46543, August 1, 2013).

Costs of Compliance

Based on the service information, we estimate that this AD affects about 30 products of U.S. registry. We also estimate that it takes about 6 work-hours per product to comply with the basic requirements of this AD. The average labor rate is $85 per work-hour. Based on these figures, we estimate the cost of this AD on U.S. operators to be $15,300, or $510 per product.

In addition, we estimate that any necessary follow-on actions would take about 13 work-hours and require parts costing up to $722,556 for a cost of up to $723,661 per product. We have no way of determining the number of products that may need these actions.

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 AD is 2120–0056. The paperwork cost associated with this AD has been detailed in the Costs of Compliance section of this document.

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.

Regulatory Findings

We determined that 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. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (49 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.

We prepared a regulatory evaluation of the estimated costs to comply with this AD and placed it in the AD docket.

Examining the AD Docket

You may examine the MCAI in the AD docket on the Internet at http://www.regulations.gov/

List of Subjects in 14 CFR Part 39

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

Adoption of 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 AD:


(a) Effective Date

This airworthiness directive (AD) becomes effective December 5, 2013.

(b) Affected ADs

None.

(c) Applicability


(d) Subject

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

(e) Reason

This AD was prompted by reports of corrosion found on certain trimmable horizontal stabilizer actuators (THSA), affecting the ballscrew lower splines between the tie bar and the screw-jack. We are issuing this AD to detect and correct corrosion of the THSAs, which could lead, in the case of ballscrew rupture, to loss of transmission of THSA torque loads from the ballscrew to the tie-bar, prompting THSA blowback, and possibly resulting in loss of control of the airplane.

(f) Compliance

You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

(g) Repetitive Inspections

At the applicable time specified in paragraph (g)(1) or (g)(2) of this AD, except as required by paragraphs (h)(1) and (h)(2) of this AD, Do a detailed inspection of the gaps between the screw shaft and tie rod teeth of any THSA having part numbers (P/N) 47147–500 and 47147–700, to determine if the corrosion condition is Type I, Type II, or Type III, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3179. Revision 01, dated June 13, 2013 (for Model A330–301, –302, –303, –321, –322, –323, –341, –342, and –343 airplanes); or A340– 27–4175, Revision 01, dated June 13, 2013 (for Model A340–211, –212, –213, –311, –312, and –313 airplanes); and the Accomplishment Instructions and flowchart.
following the Accomplishment Instructions of Goodrich Actuation Systems Service Bulletin 47147–27–18, dated February 17, 2012. Repeat the inspection thereafter at intervals not to exceed 24 months until the modification specified in paragraph (k) is done.

(1) For any THSA, which, as of the effective date of this AD, has accumulated less than 156 months since its first flight on an airplane as THSA P/N 47147–400, or since its first flight after the modification specified in the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3052 or A340–27–4059 has been done: Do the inspection before the accumulation of 156 months but not before the accumulation of 132 months since first flight on an airplane as THSA P/N 47147–400, or since the THSA’s first flight after the modification specified in the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3052 or A340–27–4059 has been done; or within 3 months after the effective date of this AD; whichever occurs later.

(2) For any THSA, which, as of the effective date of this AD, has accumulated 156 months or more since its first flight on an airplane as THSA P/N 47147–400, or since its first flight after the modification specified in the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3052 or A340–27–4059 has been done: Do the inspection within 3 months after the effective date of this AD.

(b) Compliance Time Exceptions

(1) Some THSAs having P/N 47147–500 (and further derivative with P/N 47147–700) were originally THSA P/N 47147–400 and were subsequently modified in service. In this case, the time accumulated by any THSA must be calculated from the first installation on airplanes as THSA P/N 47147–400.

(2) Some THSAs having P/N 47147–500 (and further derivative with P/N 47147–700) were originally THSA P/N 47147–200, –210, –213, –300, –303, or –350 and were subsequently modified in service as specified in the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3052 or A340–27–4059. In this case, the time accumulated by any THSA must be calculated from the first flight on an airplane after the THSA has been modified as specified in the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3052 or A340–27–4059.

(i) Ballscrew Integrity Test and Corrective Actions

If, during any inspection required by paragraph (g) of this AD, it is determined that a THSA has Type II or Type III corrosion; Before further flight, do a ballscrew integrity test, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A330–27–3179, Revision 01, dated June 13, 2013 (for Model A330–301, –302, –303, –321, –322, –323, –341, –342, and –343 airplanes); or A340–27–4175, Revision 01, dated June 13, 2013 (for Model A340–211, –212, –213, –311, –312, and –313 airplanes).


(l) Parts Installation Limitation

As of the effective date of this AD, no person may install a THSA, P/N 47147–500 or P/N 47147–700, on any airplane, unless the THSA is classified as Type I (no corrosion), in accordance with the criteria defined in Goodrich Actuation Systems Service Bulletin 47147–27–18, dated February 17, 2012, and thereafter inspected in accordance with the repetitive inspections required by paragraph (g) of this AD and any applicable actions required by paragraph (i) of this AD are accomplished.

(n) Credit for Previous Actions

(1) This paragraph provides credit for the actions specified in paragraphs (g), (i), and (n) of this AD, if those actions were performed before the effective date of this AD using Airbus Mandatory Service Bulletin A330–27–3179, dated February 14, 2012, which is not incorporated by reference in this AD.

(2) This paragraph provides credit for the actions specified in paragraphs (g), (i), and (n) of this AD, if those actions were performed before the effective date of this AD using Airbus Mandatory Service Bulletin A340–27–4175, dated February 14, 2012, which is not incorporated by reference in this AD.

(o) Other FAA AD Provisions

Submit a report of the findings (both positive and negative) of the inspection required by paragraph (g) of this AD to Airbus, at the applicable time specified in paragraph (n)(1) or (n)(2) of this AD, using Appendix 01 of Airbus Mandatory Service Bulletin A330–27–3179, Revision 01, dated February 17, 2012; and thereafter inspected in accordance with the criteria defined in Goodrich Actuation Systems Service Bulletin 47147–27–18, dated February 17, 2012; and thereafter inspected in accordance with the criteria defined in Goodrich Actuation Systems Service Bulletin 47147–27–18, dated February 17, 2012.

(1) Alternative Methods of Compliance (AMOs): The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, has the authority to approve AMOs for this AD, if requested using the procedures found in 14 CFR 91.19. In accordance with 14 CFR 91.19, send your
request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057–3356; telephone (425) 227–1138; fax (425) 227–1149. Information may be emailed to: 9-ANM–116-AMOC-REQUESTS@faa.gov. 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. The AMOC approval letter must specifically reference this AD.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(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 2120–0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES–200.

(p) Related Information


(2) Service information identified in this AD that is not incorporated by reference may be obtained at the addresses specified in paragraphs (q)(3) and (q)(4) of this AD.

(q) 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.


(3) For Airbus service information identified in this AD, contact Airbus SAS, Airworthiness Office—EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email airworthiness.A330-A340@airbus.com; Internet http://www.airbus.com. For Goodrich Actuation Systems service information identified in this AD, contact Goodrich Corporation, Actuation Systems, Product Support Department 13, Avenue de l’Eguillette—Saint-Ouen L’Aumone Boîte Postale 7186 95056, Cergy Pontoise Cedex, France; fax: 33–1–34326310.

(4) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425–227–1221.

(5) 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, call 202–408–4400, or go to: http://www.archives.gov/federal-register/cfr/ibr-locations.html.

Issued in Renton, Washington, on October 15, 2013.

Jeffrey E. Duven,
Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2013–25130 Filed 10–30–13; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


14 CFR Part 39

SUMMARY: We are adopting a new airworthiness directive (AD) for certain Bombardier, Inc. Model CL–600–2B16 (CL–601–3A, CL–601–3R, and CL–604 Variants) airplanes. This AD was prompted by reports of airspeed mismatch between the pilot and copilot’s airspeed indicators, which occurred during or after heavy rain. This AD requires, for certain airplanes, inspecting for drain bottles having certain part numbers, and replacing affected drain bottles. This AD requires, for certain other airplanes, replacing drain bottles. We are issuing this AD to prevent pilot static tubing from becoming blocked by water, which if not corrected, could lead to erroneous airspeed and altitude indications, and consequent loss of control of the airplane.

DATES: This AD becomes effective December 5, 2013.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of December 5, 2013.

ADDRESSES: You may examine the AD docket on the Internet at http://www.regulations.gov/#/docketDetail;D=FAA–2013–0332; or in person at the U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC.

For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H9S 1Y9, Canada; telephone 514–855–5000; fax 514–855–7401; email tbd.crj@aero.bombardier.com; Internet http://www.bombardier.com. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425–227–1221.


SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to the specified products. The NPRM was published in the Federal Register on April 17, 2013 (78 FR 22806). The NPRM proposed to correct an unsafe condition for the specified products. Transport Canada Civil Aviation, which is the aviation authority for Canada, has issued Canadian...