

(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

(1) Refer to Mandatory Continuing Airworthiness Information, European Aviation Safety Agency Airworthiness Directive 2012-0082, dated May 15, 2012, for related information, which can be found in the AD docket on the Internet at <http://www.regulations.gov>.

(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 the AD specifies otherwise.

(i) Airbus Alert Operators Transmission A27L001-12, Revision 01, dated April 27, 2012.

(ii) Reserved.

(3) For 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 44 51; email account.airworth-eas@airbus.com; Internet <http://www.airbus.com>.

(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 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on August 9, 2013.

Jeffrey E. Duven,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2013-0459; Directorate Identifier 2013-NM-044-AD; Amendment 39-17569; AD 2013-17-05]

RIN 2120-AA64

Airworthiness Directives; Bombardier, Inc. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain Bombardier, Inc. Model CL-600-2C10 (Regional Jet Series 700, 701, & 702) airplanes, Model CL-600-2D15 (Regional Jet Series 705) airplanes, Model CL-600-2D24 (Regional Jet Series 900) airplanes, and Model CL-600-2E25 (Regional Jet Series 1000) airplanes. This AD was prompted by reports of erratic pitch movement and oscillatory behaviors of the elevator control system. This AD requires repetitive replacement of the bellcrank supports on the inner rear spar of the horizontal stabilizer with new, improved bellcrank supports. We are issuing this AD to prevent erratic pitch movement and transient accelerations, which could result in a significant pitch upset, and injuries to passengers and flightcrew.

DATES: This final rule becomes effective October 4, 2013.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of October 4, 2013.

ADDRESSES: You may examine the AD docket on the Internet at <http://www.regulations.gov> 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 FURTHER INFORMATION CONTACT: Ricardo Garcia, Aerospace Engineer, Airframe and Mechanical Systems Branch, ANE-171, FAA, New York Aircraft Certification Office, 1600 Stewart Avenue, Suite 410, Westbury,

New York 11590; telephone (516) 228-7331; fax (516) 794-5531.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. The NPRM published in the **Federal Register** on May 31, 2013 (78 FR 32579). The NPRM proposed to correct an unsafe condition for the specified products.

Transport Canada Civil Aviation (TCCA), which is the aviation authority for Canada, has issued Canadian Airworthiness Directive CF-2013-03, dated February 5, 2013 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

There have been several reported incidents of erratic pitch movements and oscillatory behaviors of the elevator control system. Investigation revealed that, the increase in the elevator breakout force induced by the introduction of a new elevator centering mechanism, in combination with the existing bracket assembly backlash and bearing friction of the bell crank support, could result in erratic pitch movement and oscillatory behavior of the elevator control system. This condition, if not corrected, could result in pitch upset of the aeroplane that generates transient accelerations. These accelerations could be high enough to injure aeroplane occupants that are not restrained in their seats.

This [TCCA] AD mandates the repetitive replacement of the bellcrank supports with a new bearing.

You may obtain further information by examining the MCAI in the AD docket.

Comments

We gave the public the opportunity to participate in developing this AD. We considered the comment received. The Airline Pilots Association International supported the NPRM (78 FR 32579, May 31, 2013).

Conclusion

We reviewed the available data, including the comment received, and determined that air safety and the public interest require adopting this final rule as proposed.

Costs of Compliance

We estimate that this AD affects 400 products of U.S. registry. We also estimate that it takes about 7 work-hours per product to comply with the basic requirements of this AD. Required parts would cost up to \$2,422 per product.

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 up to \$1,206,800, or up to \$3,017 per product.

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 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 (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.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the MCAI, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (telephone (800) 647-5527) is in the **ADDRESSES** section.

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 airworthiness directive AD:

2013-17-05 Bombardier, Inc.: Amendment 39-17569; Docket No. FAA-2013-0459; Directorate Identifier 2013-NM-044-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective October 4, 2013.

(b) Affected ADs

None.

(c) Applicability

This AD applies to the airplanes specified in paragraphs (c)(1), (c)(2), and (c)(3) of this AD, certificated in any category.

(1) Bombardier, Inc. Model CL-600-2C10 (Regional Jet Series 700, 701, & 702) airplanes, serial numbers 10002 through 10999 inclusive.

(2) Bombardier, Inc. Model CL-600-2D15 (Regional Jet Series 705) and CL-600-2D24 (Regional Jet Series 900) airplanes, serial numbers 15001 through 15990 inclusive.

(3) Bombardier, Inc. Model CL-600-2E25 (Regional Jet Series 1000) airplanes, serial numbers 19001 through 19990 inclusive.

(d) Subject

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

(e) Reason

This AD was prompted by reports of erratic pitch movements and oscillatory behaviors of the elevator control system. We are issuing this AD to prevent erratic pitch movement and transient accelerations, which could result in a significant pitch upset, and injuries to passengers and flightcrew.

(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 Replacement of the Bellcrank Supports

For any airplane with bellcrank supports having part numbers AV670-23350-001 (left side) and AV670-23350-002 (right side), on the inner rear spar of the horizontal

stabilizer: At the applicable time specified in paragraph (g)(1), (g)(2), (g)(3), or (g)(4) of this AD, replace the affected bellcrank supports with new bellcrank supports, in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 670BA-27-064, dated December 11, 2012. Repeat the replacement thereafter at intervals not to exceed 20,000 flight hours.

(1) For airplanes that have, as of the effective date of this AD, accumulated 18,000 total flight hours or less: Replace before the accumulation of 24,600 total flight hours.

(2) For airplanes that have, as of the effective date of this AD, accumulated more than 18,000 total flight hours, but 23,400 total flight hours or less: Replace within 6,600 flight hours after the effective date of this AD.

(3) For airplanes that have, as of the effective date of this AD, accumulated more than 23,400 total flight hours, but 28,500 total flight hours or less: Replace before the accumulation of 30,000 total flight hours.

(4) For airplanes that have, as of the effective date of this AD, accumulated more than 28,500 total flight hours: Within 1,500 flight hours after the effective date of this AD.

(h) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, New York Aircraft Certification Office (ACO), ANE-170, 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 appropriate. If sending information directly to the ACO, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO, 1600 Stewart Avenue, Suite 410, Westbury, New York 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 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.

(i) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian Airworthiness Directive CF-2013-03, dated February 5, 2013, for related information, which can be found in the AD docket on the Internet at <http://www.regulations.gov>.

(j) 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 the AD specifies otherwise.

(i) Bombardier Service Bulletin 670BA-27-064, dated December 11, 2012.

(ii) Reserved.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-5000; fax 514-855-7401; email thd.crj@aero.bombardier.com; Internet <http://www.bombardier.com>.

(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 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on August 9, 2013.

Jeffrey E. Duven,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2013-0424; Directorate Identifier 2013-NM-014-AD; Amendment 39-17564; AD 2013-16-26]

RIN 2120-AA64

Airworthiness Directives; Airbus Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for all Airbus Model A330-200 Freighter series airplanes; Model A330-200 and -300 series airplanes, and Model A340-200 and -300 series airplanes. This AD was prompted by reports of cracked adjacent frame forks of a forward cargo door. This AD requires repetitive detailed inspections for cracks and sheared, loose, or missing rivets of the forward cargo door and, for certain airplanes, of the aft cargo door, and repair if necessary. We are issuing this AD to detect and correct cracked or ruptured cargo door frames, which could result in reduced structural integrity of the forward or aft cargo door.

DATES: This AD becomes effective October 4, 2013.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of October 4, 2013.

ADDRESSES: You may examine the AD docket on the Internet at <http://www.regulations.gov> 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 FURTHER INFORMATION CONTACT:

Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, Washington 98057-3356; telephone (425) 227-1138; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. The NPRM was published in the **Federal Register** on May 20, 2013 (78 FR 29261). The NPRM proposed to correct an unsafe condition for the specified products. The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2012-0274, dated December 21, 2012 (referred to after this as the Mandatory Continuing Airworthiness Information, or "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

One A330 operator recently reported a case where two adjacent frame (FR) forks of a forward cargo door were found cracked. FR20B was found cracked through, FR21 was found cracked half through. At the time of the findings, the affected aeroplane had accumulated around 21 000 flight cycles (FC) and it had already been inspected in accordance with EASA AD 2011-0007R1 [http://ad.easa.europa.eu/blob/easa_ad_2011_0007_R1.pdf/AD_2011-0007R1_1] [which corresponds to FAA AD 2012-12-12, Amendment 39-17092 (77 FR 37797, June 25, 2012)] and ALI [airworthiness limitation instructions] Task 523106-01-1. However, during those inspections, the forward cargo door handle access panel is not required to be removed, which explains why the cracks at these two internal frame locations were not detected.

After further analysis, it was determined that, in case of cracked or ruptured (forward or aft) cargo door frame, the loads will be transferred to the remaining structural elements. However, the second load path is able to sustain the loads for a limited number of flight cycles only.

This condition, if not detected and corrected, could lead to rupture of two vertical frames, resulting in reduced structural integrity of the forward or aft cargo door.

To address this condition, Airbus issued four separate Alert Operators Transmissions (AOT), giving instructions for repetitive inspections of the affected areas.

For the reasons described above, this [EASA] AD requires repetitive detailed visual inspections of aft cargo door at FR60 and FR60A [for certain airplanes] and forward cargo door at FR21 and FR20B [for all airplanes], where the cargo door handle access panels are located, as follow:

- Outer skin rivets for sheared, loose or missing rivets at frame fork ends,
- whole inner forks for cracks and for sheared, loose or missing rivets at frame web and flange after removal of handle access panels, and

the accomplishment of the applicable corrective actions [which include repair, in accordance with a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA.]

Note: Accomplishment of the above inspections does not cancel accomplishment of the inspections as required by EASA [AD] 2011-0007R1, nor accomplishment of those in accordance with ALI Task 523106-01-1.

You may obtain further information by examining the MCAI in the AD docket.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM (78 FR 29261, May 20, 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 as proposed—except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM (78 FR 29261, May 20, 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 29261, May 20, 2013).

Costs of Compliance

We estimate that this AD affects 66 airplanes of U.S. registry. We also estimate that it takes 1 work-hour 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 on U.S. operators to be \$5,610, or \$85 per product.

We have received no definitive data that would enable us to provide cost estimates for the on-condition actions specified in this AD.