

**Appendix E to Part 229—Commentary**

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**XXIV. Section 229.38 Liability**

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*I. 229.38(i) Presumption of Alteration*

1. This paragraph establishes an evidentiary presumption of alteration of a check when the original check has been converted to an image and only an electronic check or a substitute check is available for inspection. This provision does not alter the transfer and presentment warranties under the UCC that allocate liability among the parties to a check transaction with respect to an altered or forged item. The UCC or other applicable check law continues to apply with respect to other rights, duties, and obligations related to altered or forged checks.

2. The presumption of alteration applies when the original check is unavailable for review by the banks in context of the dispute. If the original check is produced, through discovery or other means, and is made available for examination by all the parties, the presumption no longer applies. There is no presumption of alteration as between two banks that exchange an original check.

By order of the Board of Governors of the Federal Reserve System, May 26, 2017.

**Ann E. Misback,**

*Secretary of the Board.*

[FR Doc. 2017-11380 Filed 6-1-17; 8:45 am]

**BILLING CODE P**

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

[Docket No. FAA-2017-0498; Directorate Identifier 2016-NM-175-AD]

RIN 2120-AA64

**Airworthiness Directives; Airbus Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to supersede Airworthiness Directive (AD) 2015-15-10, for all Airbus Model A318, A319, A320, and A321 series airplanes. AD 2015-15-10 currently requires repetitive inspections of the trimmable horizontal stabilizer actuator (THSA) for damage, and replacement if necessary; and replacement of the THSA after reaching a certain life limit. Since we issued AD 2015-15-10, an additional life limit for the THSA has been established, based on flight cycles. In addition, the THSA manufacturer has issued service information which, when accomplished, increases the life limit of

the THSA. This proposed AD would require repetitive detailed inspections of certain THSAs, and related investigative and corrective actions if necessary. We are proposing this AD to address the unsafe condition on these products.

**DATES:** We must receive comments on this proposed AD by July 17, 2017.

**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.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

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

For Airbus service information identified in this NPRM, contact Airbus, Airworthiness Office—EIAS, 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](mailto:account.airworth-eas@airbus.com); Internet <http://www.airbus.com>.

For United Technologies Corporation Aerospace Systems (UTAS) service information identified in this NPRM, contact Goodrich Corporation, Actuation Systems, Stafford Road, Fordhouses, Wolverhampton WV10 7EH, England; phone: +44 (0) 1902 624938; fax: +44 (0) 1902 788100; email: [techpubs.wolverhampton@goodrich.com](mailto:techpubs.wolverhampton@goodrich.com); Internet: <http://www.goodrich.com/TechPubs>.

You may view this 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.

**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-2017-0498; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, 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. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:**

Sanjay Ralhan, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1405; fax 425-227-1149.

**SUPPLEMENTARY INFORMATION:****Comments Invited**

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA-2017-0498; Directorate Identifier 2016-NM-175-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on 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 proposed AD.

**Discussion**

On July 12, 2015, we issued AD 2015-15-10, Amendment 39-18219 (80 FR 43928, July 24, 2015) (“AD 2015-15-10”), for all Airbus Model A318, A319, A320, and A321 series airplanes. AD 2015-15-10 was prompted by reports of wear of the THSA. AD 2015-15-10 requires repetitive inspections of the THSA for damage, and replacement if necessary; and replacement of the THSA after reaching a certain life limit. We issued AD 2015-15-10 to detect and correct wear on the THSA, which would reduce the remaining life of the THSA, possibly resulting in premature failure and consequent reduced controllability of the airplane.

Since we issued AD 2015-15-10, an additional life limit for the THSA has been established, based on flight cycles. In addition, the THSA manufacturer has issued service information which, when accomplished, increases the life limit of the THSA.

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2016-0184, dated September 13, 2016 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for all Airbus Model A318 and A319 series airplanes; Model A320-211, -212, -214, -231, -232, and -233 airplanes; and Model

A321-111, -112, -131, -211, -212, -213, -231, and -232 airplanes. The MCAI states:

In the frame of the A320 Extended Service Goal (ESG) project and the study on the Trimmable Horizontal Stabilizer Actuator (THSA), a sampling programme of in-service units was performed and several cases of wear at different THSA levels were reported.

This condition, if not detected and corrected, would reduce the remaining life of the THSA, possibly resulting in premature failure and consequent reduced control of the aeroplane.

Prompted by these findings, Airbus issued Service Bulletin (SB) A320-27-1227 to provide THSA inspection instructions. Consequently, EASA issued AD 2014-0011 (later revised) [which corresponds to AD 2015-15-10] to require repetitive inspections of the THSA [and related investigative and corrective actions] and to introduce a life limit for the THSA, based on flight hours (FH).

Since EASA AD 2014-0011R1 was issued, an additional life limitation has been established, based on flight cycles (FC). Furthermore, United Technologies Corporation Aerospace Systems (UTAS), the THSA manufacturer, issued an SB which, after accomplishment on THSA, increases the life limit of the THSA.

For the reasons described above, this [EASA] AD retains the requirements of EASA AD 2014-0011R1, which is superseded, and

introduces an additional FC life limit for the affected THSA. This [EASA] AD also provides a revised life limit for the THSA after UTAS SB accomplishment on that THSA.

The required action is repetitive special detailed inspections of the THSA. The optional terminating action is overhaul of the THSA. The related investigative action is a spectrometric analysis of the oil drained from the THSA gearbox. The corrective action is replacement of a THSA with a serviceable THSA.

The compliance time for the related investigative and corrective actions varies depending on the findings, and ranges from before further flight to 4 months or between 1,000 and 1,250 flight hours since the first THSA oil drain.

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-2017-0498.

**Related Service Information Under 1 CFR Part 51**

Airbus has issued Service Bulletin A320-27-1227, Revision 03, dated April 29, 2016. This service information

describes procedures for repetitive special detailed inspections for wear of the THSA, and related investigative and corrective actions.

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.

**FAA's Determination and Requirements of This Proposed AD**

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of these same type designs.

**Costs of Compliance**

We estimate that this proposed AD affects 1,182 airplanes of U.S. registry.

We estimate the following costs to comply with this proposed AD:

**ESTIMATED COSTS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Inspections .....	6 work-hours × \$85 per hour = \$510 per inspection cycle.	\$0	\$510 per inspection cycle.	\$602,820 per inspection cycle.

We have received no definitive data that would enable us to provide cost estimates for the spectrometric analysis of the oil drained from the THSA

gearbox. We estimate the following costs to do any necessary replacements or overhauls that would be required based on the results of the proposed

inspection. We have no way of determining the number of aircraft that might need these replacements or overhauls:

**ON-CONDITION COSTS**

Action	Labor cost	Parts cost	Cost per product
Replacement of THSA (retained from AD 2015-15-10).	11 work-hours × \$85 per hour = \$935 .....	\$240,000	\$240,935
Overhaul of THSA (new proposed action) .....	66 work-hours × \$85 per hour = \$5,610 .....	115,000	120,610

**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 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 removing Airworthiness Directive (AD) 2015–15–10, Amendment 39–18219 (80 FR 43928, July 24, 2015), and adding the following new AD:

**Airbus:** Docket No. FAA–2017–0498; Directorate Identifier 2016–NM–175–AD.

**(a) Comments Due Date**

We must receive comments by July 17, 2017.

**(b) Affected ADs**

This AD replaces AD 2015–15–10, Amendment 39–18219 (80 FR 43928, July 24, 2015) (“AD 2015–15–10”).

**(c) Applicability**

This AD applies to the airplanes identified in paragraphs (c)(1) through (c)(4) of this AD, certificated in any category, all manufacturer serial numbers.

- (1) Airbus Model A318–111, –112, –121, and –122 airplanes.
- (2) Airbus Model A319–111, –112, –113, –114, –115, –131, –132, and –133 airplanes.

(3) Airbus Model A320–211, –212, –214, –231, –232, and –233 airplanes.

(4) Airbus Model A321–111, –112, –131, –211, –212, –213, –231, and –232 airplanes.

**(d) Subject**

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

**(e) Reason**

This AD was prompted by reports of wear at different levels in the trimmable horizontal stabilizer actuator (THSA). We are issuing this AD to detect and correct wear of the THSA, which could reduce the remaining life of the THSA, possibly resulting in premature failure and consequent reduced controllability of the airplane.

**(f) Compliance**

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

**(g) Serviceable THSA Definition**

For the purposes of this AD, a serviceable THSA is a THSA that does not exceed the life limits as identified in table 1 to paragraphs (g) and (j) of this AD.

TABLE 1 TO PARAGRAPHS (g) AND (j) OF THIS AD—THSA LIFE LIMITS

Configuration, based on service bulletin (SB) embodiment	Compliance time (whichever occurs first)
THSA on which United Technologies Corporation Aerospace Systems (UTAS) SB 47145–27–19 has not been embodied.	Before exceeding 67,500 flight hours (FH) since first installation on an airplane, or before exceeding 48,000 flight cycles (FC) since first installation on an airplane.
THSA on which UTAS SB 47145–27–19 has been embodied .....	Before exceeding 52,500 FH after embodiment of UTAS SB 47145–27–19 on an airplane, without exceeding 120,000 FH since first installation on an airplane; or before exceeding 27,000 FC after embodiment of UTAS SB 47145–27–19 on an airplane, without exceeding 75,000 FC since first installation on an airplane.

**(h) Repetitive Inspection and Related Investigative Actions**

For any airplane on which UTAS Service Bulletin 47145–27–19 has not been embodied: Before the THSA exceeds 48,000 flight hours or 30,000 flight cycles, whichever occurs first since first installation on an airplane, do a special detailed inspection of the THSA and do all applicable related investigative actions, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016. Do all applicable related investigative actions at the applicable times specified in paragraph 1.E., “Compliance” of Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016. Repeat the inspections thereafter at intervals not to exceed 24 months.

**(i) Corrective Action**

If, during any inspection required by paragraph (h) of this AD, any finding as described in the Accomplishment Instructions of Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016, is identified: At the applicable time (depending on the applicable finding) specified in paragraph 1.E., “Compliance,” of

Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016, replace the THSA with a serviceable THSA, as specified in paragraph (g) of this AD, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016.

**(j) THSA Replacement**

Within the applicable compliance time specified in table 1 to paragraphs (g) and (j) of this AD, replace each THSA with a serviceable THSA, as specified in paragraph (g) of this AD, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A320–27–1227, Revision 03, dated April 29, 2016.

**(k) Replacement THSA: No Terminating Action**

Replacement of a THSA on an airplane, as required by paragraph (i) or (j) of this AD, does not constitute terminating action for the repetitive inspections required by paragraph (h) of this AD for that airplane, unless the THSA is overhauled as specified in the Accomplishment Instructions of UTAS Service Bulletin 47145–27–19 (i.e., post-service bulletin).

**(l) Optional Terminating Action: Overhaul of THSA**

Accomplishment of a modification of an airplane by installing a THSA that has been overhauled as specified in UTAS Service Bulletin 47145–27–19 constitutes terminating action for the repetitive inspections required by paragraph (h) of this AD, provided that, following modification, no THSA is reinstalled on the airplane unless it has been overhauled as specified in UTAS Service Bulletin 47145–27–19.

**(m) Replacement THSA Equivalency**

As of the effective date of this AD: A THSA that has been repaired in shop as specified in UTAS Component Maintenance Manual 27–44–51 is acceptable for compliance with the initial inspection required by paragraph (h) of this AD.

**(n) Parts Installation Limitation**

As of the effective date of this AD, do not install on any airplane a THSA unless it is a serviceable THSA as specified in paragraph (g) of this AD.

**(o) Credit for Previous Actions**

This paragraph provides credit for the actions required by paragraphs (h) and (i) of this AD, if those actions were performed before the effective date of this AD using any of the service information specified in paragraphs (o)(1), (o)(2), or (o)(3) of this AD.

(1) Airbus Service Bulletin A320-27-1227, dated July 1, 2013, which is not incorporated by reference in this AD.

(2) Airbus Service Bulletin A320-27-1227, Revision 01, dated October 7, 2013, which was incorporated by reference in AD 2015-15-10.

(3) Airbus Service Bulletin A320-27-1227, Revision 02, dated February 2, 2015, which is not incorporated by reference in this AD.

**(p) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 manager of the International Branch send it to the attention of the person identified in paragraph (q)(2) of this AD. Information may be emailed to: [9-ANM-116-AMOC-REQUESTS@faa.gov](mailto: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.

(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, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) *Required for Compliance (RC)*: 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.

**(q) Related Information**

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2016-0184, dated September 13, 2016, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov>

by searching for and locating Docket No. FAA-2017-0498.

(2) For more information about this AD, contact Sanjay Ralhan, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1405; fax 425-227-1149.

(3) For Airbus service information identified in this AD, contact Airbus, Airworthiness Office—ELAS, 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](mailto:account.airworth-eas@airbus.com); Internet <http://www.airbus.com>. You may view this 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.

(4) For UTAS service information in this AD, contact Goodrich Corporation, Actuation Systems, Stafford Road, Fordhouses, Wolverhampton WV10 7EH, England; phone: +44 (0) 1902 624938; fax: +44 (0) 1902 788100; email: [techpubs.wolverhampton@goodrich.com](mailto:techpubs.wolverhampton@goodrich.com); Internet: <http://www.goodrich.com/TechPubs>.

Issued in Renton, Washington, on May 17, 2017.

**Michael Kaszycki,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2017-10607 Filed 6-1-17; 8:45 am]

**BILLING CODE 4910-13-P**

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

**[Docket No. FAA-2017-0512; Directorate Identifier 2017-NM-031-AD]**

**RIN 2120-AA64**

**Airworthiness Directives; Bombardier, Inc., 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 Bombardier, Inc., Model CL-600-2E25 (Regional Jet Series 1000) airplanes. This proposed AD was prompted by reports of failures of the landing gear alternate-extension system. This proposed AD would require replacement of certain nose landing gear and main landing gear electro-mechanical actuators. We are proposing this AD to address the unsafe condition on these products.

**DATES:** We must receive comments on this proposed AD by July 17, 2017.

**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.

- *Mail*: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- *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., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; Widebody Customer Response Center North America toll-free telephone 1-866-538-1247 or direct-dial telephone: 1-514-855-2999; fax: 514-855-7401; email: [ac.yul@aero.bombardier.com](mailto:ac.yul@aero.bombardier.com); Internet: <http://www.bombardier.com>. You may view this 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.

**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-2017-0512; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, 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. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:**

Cesar Gomez, Aerospace Engineer, Airframe and Mechanical Systems Branch, ANE-171, FAA, New York Aircraft Certification Office (ACO), 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone: 516-228-7318; fax: 516-794-5531.

**SUPPLEMENTARY INFORMATION:****Comments Invited**

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2017-0512; Directorate Identifier 2017-NM-031-AD" at the beginning of your comments. We specifically invite