



[4910-13-P]

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. FAA-2017-0628; Product Identifier 2016-NM-207-AD; Amendment 39-19079; AD 2017-21-08]**

**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 A310 series airplanes. This AD was prompted by a revision of certain airworthiness limitation items (ALI) documents, which require more restrictive maintenance requirements and airworthiness limitations. This AD requires revising the maintenance or inspection program to incorporate the maintenance requirements and airworthiness limitations. We are issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective [INSERT DATE 35 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of [INSERT DATE 35 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** For service information identified in this final rule, contact Airbus SAS, Airworthiness Office – EAW, 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 referenced service information at the FAA, Transport Standards Branch, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221. It is also available on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2017-0628.

**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-2017-0628; 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 AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone 800-647-5527) is Docket Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

**FOR FURTHER INFORMATION CONTACT:** Dan Rodina, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-2125; fax 425-227-1149.

## **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 all Airbus Model A310 series airplanes. The NPRM published in the Federal Register on June 30, 2017 (82 FR 29789) (“the NPRM”).

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2016-0217, dated November 2, 2016 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for all Airbus Model A310 series airplanes. The MCAI states:

The airworthiness limitations for Airbus A310 aeroplanes, which are approved by EASA, are currently defined and published in the Airbus A310 Airworthiness Limitations Section (ALS) document(s). These instructions have been identified as mandatory actions for continued airworthiness.

Failure to accomplish these instructions could result in an unsafe condition.

EASA previously issued [EASA] AD 2014-0124 (later revised) [which includes actions for Airbus A310 series airplanes; those actions are included in FAA AD 2013-13-13, Amendment 39-17501 (79 FR 48957, August 19, 2014) (“AD 2013-13-13”)], to require the actions as specified in Airbus A310 Airworthiness Limitation Item (ALI) Document at issue 08.

Since EASA AD 2014-0124R1 was issued, Airbus replaced ALI Document issue 08 with A310 ALS Part 2 Revision 01 and then published the A310 ALS Part 2 Variation 1.1 and Variation 1.2, to introduce more restrictive maintenance requirements and/or airworthiness limitations.

For the reason described above, this [EASA] AD retains part of the requirements of EASA AD 2014-0124R1, which

will be superseded, and requires accomplishment of the actions specified in Airbus A310 ALS Part 2 Revision 01, ALS Part 2 Variation 1.1 and ALS Part 2 Variation 1.2 (hereafter collectively referred to as ‘the ALS’ in this [EASA] AD). The remaining requirements of EASA AD 2014-0124R1 are retained in [EASA] AD 2016-0218, applicable to A300-600 aeroplanes, published at the same time as this [EASA] AD.

This AD does not supersede AD 2013-13-13. Rather, we have determined that a stand-alone AD is more appropriate to address the changes in the MCAI. This AD requires revising the maintenance or inspection program to incorporate the maintenance requirements and airworthiness limitations. Accomplishment of the proposed actions would then terminate all requirements of AD 2013-13-13.

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-2017-0628.

### **Comments**

We gave the public the opportunity to participate in developing this AD. We considered the comment received. The commenter supported the NPRM.

### **Conclusion**

We reviewed the relevant data, considered the comment received, 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 for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM.

## **Related Service Information under 1 CFR part 51**

Airbus has issued the following service information:

- Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Revision 01, dated August 7, 2015.
- Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.1, dated January 25, 2016.
- Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.2, dated July 22, 2016.

This service information describes airworthiness limitations applicable to the DT – ALIs. These documents are distinct because they contain different tasks at different revision levels. 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.

### **Costs of Compliance**

We estimate that this AD affects 8 airplanes of U.S. registry.

We estimate the following costs to comply with this AD:

### Estimated costs

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Maintenance or Inspection Program Revision	1 work-hour X \$85 per hour = \$85	None	\$85	\$680

### 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 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 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 (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.

### **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):

**2017-21-08 Airbus:** Amendment 39-19079; Docket No. FAA-2017-0628; Product Identifier 2016-NM-207-AD.

**(a) Effective Date**

This AD is effective [INSERT DATE 35 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**(b) Affected ADs**

This AD affects AD 2013-13-13, Amendment 39-17501 (79 FR 48957, August 19, 2014) (“AD 2013-13-13”).

**(c) Applicability**

This AD applies to all Airbus Model A310-203, -204, -221, -222, -304, -322, -324, and -325 airplanes, certificated in any category, all manufacturer serial numbers.

**(d) Subject**

Air Transport Association (ATA) of America Code 05.

**(e) Reason**

This AD was prompted by a revision of certain airworthiness limitation items (ALI) documents, which require more restrictive maintenance requirements and airworthiness limitations. We are issuing this AD to prevent fatigue cracking, damage, or corrosion in principal structural elements, which could result in reduced structural integrity of the airplane.

**(f) Compliance**

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

**(g) Revision of Maintenance or Inspection Program**

Within 3 months after the effective date of this AD, revise the maintenance or inspection program, as applicable, to incorporate the information specified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD. The initial compliance times for doing the tasks is at the time specified in the service information identified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD, or within 3 months after the effective date of this AD, whichever occurs later.

(1) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Revision 01, dated August 7, 2015.

(2) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.1, dated January 25, 2016.

(3) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.2, dated July 22, 2016.

**(h) 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 and/or intervals are approved as an alternative method of

compliance (AMOC) in accordance with the procedures specified in paragraph (j)(1) of this AD.

**(i) Terminating Action for AD 2013-13-13**

Accomplishing the actions required by this AD terminates all requirements of AD 2013-13-13 for that airplane only.

**(j) Other FAA AD Provisions**

The following provisions also apply to this AD:

**(1) Alternative Methods of Compliance (AMOCs):** The Manager, International Section, Transport Standards 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 appropriate. If sending information directly to the International Section, send it to the attention of the person identified in paragraph (k)(2) of this AD. 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.

**(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 Section, Transport Standards Branch, 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.

**(k) Related Information**

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA AD 2016-0217, dated November 2, 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-2017-0628.

(2) For more information about this AD, contact Dan Rodina, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-2125; fax 425-227-1149.

**(l) 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.

(i) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Revision 01, dated August 7, 2015.

(ii) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.1, dated January 25, 2016.

(iii) Airbus A310 Airworthiness Limitations Section (ALS), Part 2, “Damage Tolerant Airworthiness Limitation Items (DT – ALI),” Variation 1.2, dated July 22, 2016.

(3) For service information identified in this AD, contact Airbus SAS, Airworthiness Office – EAW, 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>.

(4) You may view this service information at the FAA, Transport Standards Branch, 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 October 11, 2017.

Jeffrey E. Duven,  
Director,  
System Oversight Division,  
Aircraft Certification Service.

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