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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2019-0609; Product Identifier 2019-NM-054-AD; Amendment 39-21018; AD 2019-25-19]

RIN 2120-AA64

Airworthiness Directives; Airbus SAS Airplanes

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

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for all Airbus SAS Model A350-941 airplanes. This AD was prompted by a report of dislodged passenger door girt bars. This AD requires modification of the girt bar retention mechanism of the affected doors, as specified in a European Union Aviation Safety Agency (EASA) AD, which is incorporated by reference. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective February 20, 2020.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of February 20, 2020.

ADDRESSES: For the material incorporated by reference (IBR) in this AD, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 89990 1000; email ADs@easa.europa.eu; internet www.easa.europa.eu. You may find this IBR material on the EASA website at <https://ad.easa.europa.eu>. You may view this IBR material 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. It is also available in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0609.

Examining the AD Docket

You may examine the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0609; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, the regulatory evaluation, any comments received, and other information. The address for Docket

Operations is 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: Kathleen Arrigotti, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3218.

SUPPLEMENTARY INFORMATION:

Discussion

The EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2019-0076, dated March 29, 2019 (“EASA AD 2019-0076”) (also referred to as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for all Airbus SAS Model A350-941 airplanes.

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to all Airbus SAS Model A350-941 airplanes. The NPRM published in the Federal Register on August 26, 2019 (84 FR 44563). The NPRM was prompted by a report of dislodged passenger door girt bars. The NPRM proposed to require modification of the girt bar retention mechanism of the affected door.

The FAA is issuing this AD to address dislodged girt bars, which could result in functional loss of the affected door slide and possibly prevent safe evacuation during an emergency. See the MCAI for additional background information.

Comments

The FAA gave the public the opportunity to participate in developing this final rule. The following presents the comments received on the NPRM and the FAA's response to each comment.

Supportive Comments

One anonymous commenter stated support for the NPRM. Delta Airlines also agreed with the intent of the NPRM and submitted a request as described below.

Request for Correction of Certain Serial Numbers

Delta Airlines requested that the FAA include a correction to certain serial numbers listed in the appendixes of Airbus service information referenced by EASA AD 2019-0076. Delta Airlines stated that certain door serial numbers were duplicated for certain airplanes across the different appendixes and after sending a request for clarification, Airbus confirmed to Delta Airlines that those repeated numbers were typographical errors.

The FAA agrees to revise this AD to include the correct serial numbers. For airplanes having manufacturer serial numbers 0062 and 0119, the appendixes of Airbus service information referenced by EASA AD 2019-0076 identify the correct part numbers for the doors, but not the correct associated serial numbers. Those two airplanes, with manufacturer serial number (MSN) 0062 and 0119, are not on the U.S. registry. The FAA has added paragraphs (h)(3) and (h)(4) to this AD to specify the correct serial numbers.

Conclusion

The FAA reviewed the relevant data, considered the comments received, and determined that air safety and the public interest require adopting this final rule with the changes described previously and minor editorial changes. The FAA has determined that these minor changes:

Are consistent with the intent that was proposed in the NPRM for addressing the unsafe condition; and

Do not add any additional burden upon the public than was already proposed in the NPRM.

The FAA also determined that these changes will not increase the economic burden on any operator or increase the scope of this final rule.

Related IBR Material Under 1 CFR Part 51

EASA AD 2019-0076 describes procedures for modification of the girt bar retention mechanism of the affected doors. This material 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

The FAA estimates that this AD affects 12 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

Estimated Costs for Required Actions

Labor cost	Parts cost	Cost per product	Cost on U.S. operators
52 work-hours × \$85 per hour = \$4,420	\$90,000	\$94,420	\$1,133,040

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.

The FAA is 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 and associated appliances to the Director of the System Oversight Division.

Regulatory Findings

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) Will not affect intrastate aviation in Alaska, and
- (3) 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):



2019-25-19 Airbus SAS: Amendment 39-21018; Docket No. FAA-2019-0609; Product Identifier 2019-NM-054-AD.

(a) Effective Date

This AD is effective February 20, 2020.

(b) Affected ADs

None.

(c) Applicability

This AD applies to all Airbus SAS Model A350-941 airplanes, certificated in any category.

(d) Subject

Air Transport Association (ATA) of America Code 52, Doors.

(e) Reason

This AD was prompted by a report of dislodged passenger door girt bars. The FAA is issuing this AD to address dislodged girt bars, which could result in functional loss of the affected door slide and possibly prevent safe evacuation during an emergency.

(f) Compliance

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

(g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2019-0076, dated March 29, 2019 (“EASA AD 2019-0076”).

(h) Exceptions to EASA AD 2019-0076

(1) Where EASA AD 2019-0076 refers to its effective date, this AD requires using the effective date of this AD.

(2) The “Remarks” section of EASA AD 2019-0076 does not apply to this AD.

(3) For an airplane having manufacturer serial number (MSN) 0062: Where the service information referenced in EASA AD 2019-0076 specifies door serial numbers (S/Ns) for that MSN, this AD requires using the applicable door S/Ns specified in paragraphs (h)(3)(i) through (viii) of this AD instead.

(i) For left-hand (LH) door 1: S/N UH10082 for part number (P/N) WF101BGBBAAH.

- (ii) For RH door 1: S/N UH10080 for P/N WF100BHBBAAH.
- (iii) For LH door 2: S/N UH10080 for P/N WG101BKAYAAB.
- (iv) For RH door 2: S/N UH10075 for P/N WG100BJAYAAB.
- (v) For LH door 3: S/N UH10075 for P/N WD101BFAUAAB.
- (vi) For RH door 3: S/N UH10084 for P/N WD100BFAUAAB.
- (vii) For LH door 4: S/N UH10070 for P/N WH101BRAXAAB.
- (viii) For RH door 4: S/N UH10070 for P/N WH100BQAXAAB.

(4) For an airplane having MSN 0119: Where the service information referenced in EASA AD 2019-0076 specifies door serial numbers for that MSN, this AD requires using the applicable door serial numbers specified in paragraphs (h)(4)(i) through (viii) of this AD instead.

- (i) LH door 1: S/N UH10128 for P/N WF101BJBBAAH.
- (ii) RH door 1: S/N UH10122 for P/N WF100BKBBAAH.
- (iii) LH door 2: S/N UH10122 for P/N WG101BNAYAAB.
- (iv) RH door 2: S/N UH10120 for P/N WG100BKAYAAB.
- (v) LH door 3: S/N UH10126 for P/N WD101BMAUAAB.
- (vi) RH door 3: S/N UH10126 for P/N WD100BMAUAAB.
- (vii) LH door 4: S/N UH10126 for P/N WH101BWAXAAB.
- (viii) RH door 4: S/N UH10124 for P/N WH100BVAXAAB.

(i) 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 (j) 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 instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Section, Transport Standards Branch, FAA; or EASA; or Airbus SAS's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) Required for Compliance (RC): For any service information referenced in EASA AD 2019-0076 that contains RC procedures and tests: Except as required by paragraphs (h)(3) and (4), and (i)(2) of this AD, RC 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.

(j) Related Information

For more information about this AD, contact Kathleen Arrigotti, Aerospace Engineer, International Section, Transport Standards Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3218.

(k) 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) European Union Aviation Safety Agency (EASA) AD 2019-0076, dated March 29, 2019.

(ii) [Reserved]

(3) For information about EASA AD 2019-0076, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 89990 6017; email ADs@easa.europa.eu; Internet www.easa.europa.eu. You may find this EASA AD on the EASA website at <https://ad.easa.europa.eu>.

(4) You may view this material 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. This material may be found in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0609.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on December 31, 2019.

John P. Piccola,
Acting Director, System Oversight Division,
Aircraft Certification Service.