

**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:

**2021–23–01 Stemme AG:** Amendment 39–21799; Docket No. FAA–2021–0716; Project Identifier 2019–CE–023–AD.

**(a) Effective Date**

This airworthiness directive (AD) is effective January 27, 2022.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Stemme AG Model Stemme S 12 gliders, all serial numbers, certificated in any category.

**(d) Subject**

Joint Aircraft System Component (JASC) Code 3414, Airspeed/Mach Indicator.

**(e) Unsafe Condition**

This AD was prompted by mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as an airspeed indicator (ASI) with speed markings inconsistent with the approved and published values (beginning of the white and green arc). The FAA is issuing this AD to prevent erroneous information being provided to the pilot, particularly at the lower speed operation limits. The unsafe condition, if not addressed, could result in reduced control of the glider.

**(f) Compliance**

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

**(g) Required Actions**

(1) Within 30 days after the effective date of this AD, inspect ASI part number (P/N) IF–W230 or IF–W190 for incorrect markings in accordance with the table in the Appendix, “2.3. Airspeed Indicator Markings,” of Stemme Service Bulletin No. P062–980027, Revision 00, dated December 17, 2018 (the SB). If an ASI marking is incorrect, before further flight, perform one of the following:

(i) Replace the ASI by following the Actions, Action 2, of the SB; or

(ii) Amend the existing aircraft flight manual (AFM) for your glider by inserting the Appendix, temporary page 2–3 SB, “2.3. Airspeed Indicator Markings,” of the SB. Within 3 months after amending the AFM, replace the ASI by following the Actions, Action 2, of the SB and remove temporary page 2–3 SB, “2.3. Airspeed Indicator Markings,” from the AFM.

(2) As of the effective date of this AD, do not install ASI P/N IF–W230 or IF–W190 on

any glider unless it has passed the inspection required by this AD.

**(h) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, International Validation 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 manager of the certification office, send it to the attention of the person identified in paragraph (i)(1) of this AD or email: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov).

(2) 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.

**(i) Related Information**

(1) For more information about this AD, contact Jim Rutherford, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 901 Locust, Room 301, Kansas City, MO 64106; phone: (816) 329–4165; fax: (816) 329–4090; email: [jim.rutherford@faa.gov](mailto:jim.rutherford@faa.gov).

(2) Refer to European Union Aviation Safety Agency (EASA) AD 2019–0082, dated April 12, 2019, for more information. You may examine the EASA AD in the AD docket at <https://www.regulations.gov> by searching for and locating it in Docket No. FAA–2021–0716.

**(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) Stemme Service Bulletin No. P062–980027, Revision 00, dated December 17, 2018.

**Note 1 to paragraph (j)(2)(i):** This service information has Feb-29 and July 14, 2017, in the footer of every page on the document. Feb-29 refers to the form number and July 14, 2017, is the revision date of the form used to write the service information. The signature block on the bottom of page 1 contains a release date and an approval date. For enforceability purposes, the FAA will cite the Stemme AG service information using the release date of December 17, 2018, that is used in EASA AD 2019–0082, dated April 12, 2019.

**Note 2 to paragraph (j)(2)(i):** This service information contains German to English translation. EASA used the English translation in referencing the document from Stemme AG. For enforceability purposes, the FAA will cite the Stemme AG service information in English as it appears on the document.

(ii) [Reserved]

(3) For service information identified in this AD, contact STEMME AG, Flugplatzstrasse F2, Nr. 6–7, D–15344 Strausberg, Germany; phone: +49 (0) 3341

3612–0; fax: +49 (0) 3341 3612–30; email: [airworthiness@stemme.de](mailto:airworthiness@stemme.de); website: <https://www.stemme.com>.

(4) You may view this service information at FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, MO 64106. For information on the availability of this material at the FAA, call (816) 329–4148.

(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, email: [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on October 25, 2021.

**Lance T. Gant,**

*Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2021–27774 Filed 12–22–21; 8:45 am]

**BILLING CODE 4910–13–P**

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

**[Docket No. FAA–2021–0827; Project Identifier MCAI–2021–00617–T; Amendment 39–21841; AD 2021–24–20]**

**RIN 2120–AA64**

**Airworthiness Directives; Airbus SAS Airplanes**

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all Airbus SAS Model A350–941 and –1041 airplanes. This AD was prompted by reports of slat transmission jams caused by frozen slat geared rotary actuators (SGRAs) at slat 5 track 12. This AD requires repetitive water drainage and plug cleaning of the left- and right-hand SGRAs having a certain part number installed on slat 5 track 12 with certain functional item numbers, 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 January 27, 2022.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of January 27, 2022.

**ADDRESSES:** For material incorporated by reference (IBR) in this AD, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221

8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); internet [www.easa.europa.eu](http://www.easa.europa.eu). You may find this IBR material on the EASA website at <https://ad.easa.europa.eu>. You may view this material at the FAA, Airworthiness Products Section, Operational Safety 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 at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0827.

**Examining the AD Docket**

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0827; 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 mandatory continuing airworthiness information (MCAI), 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:** Dan Rodina, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3225; email [dan.rodina@faa.gov](mailto:dan.rodina@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Background**

EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2021-0130R1, dated June 10, 2021 (EASA AD 2021-0130R1) (also referred to as the MCAI), to correct an unsafe condition for all Airbus SAS Model A350-941 and -1041 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 and -1041 airplanes. The NPRM published in the **Federal Register** on September 23, 2021 (86 FR 52848). The NPRM was prompted by reports of slat transmission jams caused by frozen SGRAs at slat 5 track 12. Further investigation showed that the jams occur when water in the SGRA freezes due to low temperature during cruise and insufficient water drainage. The NPRM proposed to require repetitive water drainage and plug cleaning of the left- and right-hand SGRAs having a certain part number installed on slat 5 track 12 with certain functional item numbers, as specified in EASA AD 2021-0130R1.

The FAA is issuing this AD to address SGRA jams, which could result in reduced control of the airplane. See the MCAI for additional background information.

**Discussion of Final Airworthiness Directive**

**Comments**

The FAA received a comment from The Air Line Pilots Association,

International (ALPA) who supported the NPRM without change.

**Conclusion**

The FAA reviewed the relevant data, considered the comment received, and determined that air safety requires adopting this AD as proposed. Except for minor editorial changes, this AD is adopted as proposed in the NPRM. None of the changes will increase the economic burden on any operator. Accordingly, the FAA is issuing this AD to address the unsafe condition on these products.

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

EASA AD 2021-0130R1 describes procedures for repetitive water drainage and plug cleaning of the left- and right-hand SGRAs having part number 4775A0000-02 installed on slat 5 track 12 with functional item number (FIN) 5045CW and FIN 5145CW (including reinstalling incorrectly installed drain plug assemblies and replacing any damaged or missing nylon pins). 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 15 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
4 work-hours × \$85 per hour = \$340 .....	\$0	\$340	\$5,100

**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.

**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.

**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:

**2021–24–20 Airbus SAS:** Amendment 39–21841; Docket No. FAA–2021–0827; Project Identifier MCAI–2021–00617–T.

#### (a) Effective Date

This airworthiness directive (AD) is effective January 27, 2022.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to all Airbus SAS Model A350–941 and –1041 airplanes, certificated in any category.

#### (d) Subject

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

#### (e) Reason

This AD was prompted by reports of slat transmission jams caused by frozen slat geared rotary actuators (SGRAs) at slat 5 track 12 due to low temperature during cruise and insufficient water drainage. The FAA is issuing this AD to address SGRA jams, which could result in reduced control of the airplane.

#### (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 2021–0130R1, dated June 10, 2021 (EASA AD 2021–0130R1).

#### (h) Exceptions to EASA AD 2021–0130R1

(1) Where EASA AD 2021–0130R1 refers to “the effective date of the original issue of this [EASA] AD,” this AD requires using the effective date of this AD.

(2) The “Remarks” section of EASA AD 2021–0130R1 does not apply to this AD.

#### (i) No Reporting Requirement

Although the service information referenced in EASA AD 2021–0130R1 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

#### (j) Additional AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, Large Aircraft Section, International Validation 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 responsible Flight Standards Office, as appropriate. If sending information directly to the Large Aircraft Section, International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov). Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards 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, Large Aircraft Section, International Validation 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):* Except as required by paragraph (j)(2) of this AD, 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.

#### (k) Related Information

For more information about this AD contact Dan Rodina, Aerospace Engineer, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206–231–3225; email [dan.rodina@faa.gov](mailto:dan.rodina@faa.gov).

#### (l) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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 2021–0130R1, dated June 10, 2021.

(ii) [Reserved]

(3) For EASA AD 2021–0130R1, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); internet [www.easa.europa.eu](http://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, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(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 [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on November 19, 2021.

**Lance T. Gant,**

*Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2021–27828 Filed 12–22–21; 8:45 am]

**BILLING CODE 4910–13–P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA–2020–0364; Project Identifier MCAI–2019–00119–E; Amendment 39–21872; AD 2021–26–13]

RIN 2120–AA64

#### Airworthiness Directives; Rolls-Royce Deutschland Ltd & Co KG (Type Certificate Previously Held by Rolls-Royce plc) Turbofan Engines

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all Rolls-Royce Deutschland Ltd & Co KG (RRD) Trent 1000–A2, Trent 1000–AE2, Trent 1000–C2, Trent 1000–CE2, Trent 1000–D2, Trent 1000–E2, Trent 1000–G2, Trent 1000–H2, Trent 1000–J2, Trent 1000–K2, and Trent 1000–L2 model turbofan engines. This AD was prompted by the manufacturer revising the engine Time Limits Manual (TLM) life limits of certain critical rotating parts, updating direct accumulation counting (DAC) data files, and updating certain maintenance tasks. This AD requires revision of the engine TLM life limits of certain critical rotating parts and DAC data files, 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 January 27, 2022.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of January 27, 2022.