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within the scope of the Fuel System Safety Program (FSSP), analyses of the wire routing showed that the route 2S of the fuel electrical circuit in the Right Hand (RH) wing must be modified in order to ensure better segregation between fuel quantity indication wires and the 115 Volts Alternating Current (VAC) wires of route 2S.

This condition, if not corrected, could result in short circuits leading to arcing, and possible fuel tank explosion.

To address this unsafe condition, DGAC France issued AD 2002–578(B) [which corresponds to FAA AD 2004–15–16, Amendment 39–13750 (69 FR 45578, July 30, 2004)] to require improvements of the design as specified in Airbus Service Bulletin (SB) A310–28–2148 original issue or Revision 01. EASA AD 2007–0230 [which corresponds to FAA AD 2008–01–05 (73 FR 2795, January 16, 2008)], which superseded DGAC France AD 2002–578(B), required those same actions, plus additional work as defined in Airbus SB A310–28–2148 Revision 02.

Since EASA AD 2007–0230 was issued, an operator reported the possibility of chafing with the new routing of the wire bundle 2S in the RH wing pylon area to the generator wire bundle of engine 2. The modification of this zone was introduced by A310–28–2148 Revision 02 as additional work. Investigation showed that, to avoid the risk of chafing, the affected wiring harnesses must be installed at a higher position to provide sufficient clearance with the newly routed wire bundle 2S conduit.

Airbus published Revision 03 of SB A310–28–2148 to describe these changes, but a new interference has been found and requires updating SB A310–28–2148 to Revision 04 or 05.

For the reasons described above, this new [EASA] AD retains the requirements of EASA AD 2007–0230, which is superseded, and requires the additional work as specified in Revision 04 [or 05] of Airbus SB A310–28–2148.

Required actions include modifying the wire routings and installing a modified bracket. You may obtain further information by examining the MCAI in the ADocket.

Comments

We gave the public the opportunity to participate in developing this AD. We considered the comments received.

Request To Reference Latest Service Information

FedEx noted that Airbus has issued Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011.

We infer that FedEx is requesting that we reference Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011, in this AD. We agree and have reviewed Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011. We have added this reference to paragraphs (g), (i), (j), and (n) of this AD as an optional source of service information for doing the required actions.

Explanations of Additional Changes Made to This AD

We have revised certain paragraph headers throughout this AD. We have also revised the wording in paragraphs (b) and (m) of this AD; this change has not changed the intent of those paragraphs.

Conclusion

We reviewed the available data, including the comment received, and determined that air safety and the public interest require adopting the AD with the changes described previously—and minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM (76 FR 62653, October 11, 2011) for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM (76 FR 62653, October 11, 2011).

Costs of Compliance

We estimate that this AD will affect about 61 products of U.S. registry. The following table provides the estimated costs for U.S. operators to comply with this AD.

<table>
<thead>
<tr>
<th>Action</th>
<th>Work hours</th>
<th>Average labor rate per hour</th>
<th>Parts Cost per airplane</th>
<th>Number of U.S.-registered airplanes</th>
<th>Fleet cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modification (required by AD 2008–01–05, Amendment 39–13330 (73 FR 2795, January 16, 2008))</td>
<td>22</td>
<td>85</td>
<td>1,870</td>
<td>68</td>
<td>254,320</td>
</tr>
<tr>
<td>Modification (new action)</td>
<td>62</td>
<td>85</td>
<td>2,210</td>
<td>61</td>
<td>456,280</td>
</tr>
</tbody>
</table>

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 that this AD:

1. Is necessary for the safety of aircraft operable in the United States; and
2. Is consistent with the principles of the Federal Aviation Administration Modernization Act.
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.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

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 the NPRM (76 FR 62653, October 11, 2011), 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.

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

§ 39.13 [Amended]

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 Amendment 39–15330 (73 FR 2795, January 16, 2008) and adding the following new AD:


(a) Effective Date
This airworthiness directive (AD) becomes effective May 15, 2012.

(b) Affected AEs
This AD supersedes AD 2008–01–05, Amendment 39–15330 (73 FR 2795, January 16, 2008).

(c) Applicability
This AD applies to Airbus Model A310–203, –204, –222, –304, –322, –324, and –325 airplanes; certified in any category; all serial numbers.

(d) Subject
Air Transport Association (ATA) of America Code 28: Fuel.

(e) Reason
This AD was prompted by analyses of the wire routing showing that the route of the fuel electrical circuit in the right-hand wing must be modified in order to ensure better segregation between fuel quantity indication wires and the 115-volt alternating current wires. We are issuing this AD to prevent short circuits leading to arcing, and possible fuel tank explosion.

(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) Retained Modification With New Service Information
This paragraph restates the modification required by paragraph (a) of AD 2004–15–16, Amendment 39–13750 (69 FR 45578, July 30, 2004), with revised service information. For all airplanes except airplanes on which Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007, has been done (Airbus Modifications 12427 and 12435); Within 4,000 flight hours after September 3, 2004 (the effective date of AD 2004–15–16), modify the routing of wires in the right hand (RH) wing by installing cable sleeves, per the Accomplishment Instructions of Airbus Service Bulletin A310–28–2148, Revision 01, dated October 29, 2002; Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011. As of the effective date of this AD, Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011; must be used.

(i) Retained Modification With New Service Information
This paragraph restates the modification required by paragraph (b) of AD 2008–01–05, Amendment 39–15330 (73 FR 2795, January 16, 2008), with revised service information. For airplanes on which the actions specified in Airbus Service Bulletin A310–28–2148, dated January 23, 2002; or Airbus Service Bulletin A310–28–2148, Revision 01, dated October 29, 2002; have been done before February 20, 2008 (the effective date of AD 2008–01–05), except for airplanes on which Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007, has been done (Airbus Modifications 12427 and 12435); Within 6,000 flight hours or 30 months after February 20, 2008, whichever occurs first, perform further modification by installing additional protection sleeves in the outer wing area near the caddensicion sensor and segregating wire route 2S in the RH pylon area, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007; Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011. As of the effective date of this AD, Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011; must be used.

(j) New Modification/Installation for Certain Airplanes
For airplanes on which the actions specified in Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007, have been accomplished, and do not have production modification 07633; and on which Airbus Service Bulletin A310–36–2015 has not been done: Within 6,000 flight hours or 30 months after the effective date of this AD, whichever occurs first, modify the wire routings, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011.

(k) New Modification/Installation for Certain Other Airplanes
For airplanes on which the actions specified in Airbus Service Bulletin A310–28–2148, Revision 02, dated March 9, 2007, have been accomplished, and have production modification 07633; or on which Airbus Service Bulletin A310–36–2015 has been done: Within 1,000 flight hours after the effective date of this AD, install a modified bracket, in accordance with paragraph 3.B.7., “Additional Work 2,” of the Accomplishment Instructions of Airbus Mandatory Service Bulletin A310–28–2148, Revision 05, dated August 3, 2010; or Airbus Mandatory Service Bulletin A310–28–2148, Revision 06, dated August 31, 2011.

(l) No Additional Modification/Installation for Certain Airplanes
For airplanes on which the actions specified in Airbus Service Bulletin A310–28–2148, Revision 02;
28–2148, Revision 03, dated June 2, 2009, have been accomplished; and have modification 07633 done in production; or on which the actions specified in Airbus Service Bulletin A310–36–2015 have been done; no further action is required by this AD.

(m) Credit for Previous Actions

This paragraph provides credit for modifications required by paragraphs (g), (i), (j), and (k) of this AD, if the modifications were performed before the effective date of this AD using Airbus Mandatory Service Bulletin A310–28–2148, Revision 04, dated April 14, 2010.

(n) 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 International Branch, send it to ATTN: Dan Rodina, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, Washington 98057–3356; telephone (425) 227–2125; fax (425) 227–1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov.

(2) You must use the following service information to do the actions required by this AD, unless the AD specifies otherwise.

(3) The following service information was approved for IBR on May 15, 2012.


(v) You may also review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington. For information on the availability of this material at the FAA, call (425) 227–2125.

(vi) You may also review copies of the service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at a NARA facility, call 202–741–6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Issued in Renton, Washington, on January 26, 2012.

Kalene C. Yanamura,
Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2012–8220 Filed 4–9–12; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; DG Flugzeugbau GmbH Sailplanes

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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for DG Flugzeugbau GmbH Models DG–500 Elan Orion, DG–500 Elan Trainer, DG–500/20 Elan sailplanes and Models DG–500M and DG–500MB powered sailplanes. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as incorrect re-installation of the rear cockpit securing rope for the headrest of the rear seat during maintenance, which could cause the rear seat to interfere with the control stick of the sailplane. We are issuing this AD to require actions to address the unsafe condition on these products.

DATES: This AD is effective May 15, 2012.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the AD as of May 15, 2012.


For service information identified in this AD, contact DG Flugzeugbau GmbH, Otto-Lilienthal-Weg 2, 76646 Bruchsal, Federal Republic of Germany; telephone: +49 (0) 7251 3020140; fax: +49 (0) 7251 3020149; Internet: http://www.dg-flugzeugbau.de/technische_vereinbarungen; email: dirks@dg-flugzeugbau.de. You may review copies of the referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329–4148.