<table>
<thead>
<tr>
<th>If the engine or the OS Module</th>
<th>Then initially inspect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Has reached 10,000 hours since-new (TSN) or reached 2,500 cycles-since-new (CSN) on the effective date of this AD.</td>
<td>Within 2 months after the effective date of this AD.</td>
</tr>
<tr>
<td>Has fewer than 10,000 hours TSN and fewer than 2,500 CSN on the effective date of this AD.</td>
<td>Before returning to service.</td>
</tr>
</tbody>
</table>

(1) If after cleaning, there is still carbon in the vent tube that prevents cleaning tool number HU80298 from passing through the tube, then replace the internal oil vent tube within 10 cycles-in-service (CIS). 
(2) If after cleaning, there is still carbon of visible thickness in either of the two external oil vent tubes, then replace the external oil vent tube before further flight. 

Initial Visual Inspection of the Vent Flow Restrictor

(g) For engines that, on the effective date of this AD, have not accumulated 25 service cycles since the last cleaning and inspection specified in paragraphs (f) through (f)(3) of this AD, visually inspect the vent flow restrictor:

(1) Either after a high-power ground run immediately following the cleaning and inspection; or
(2) Within 25 service cycles of the last cleaning and inspection.

(h) For engines that, on the effective date of this AD, have accumulated 25 or more service cycles since the last cleaning and inspection specified in paragraphs (f) through (f)(3) of this AD, visually inspect the vent flow restrictor within 25 service cycles after the effective date of this AD.

(1) If after cleaning, there is still carbon in the internal oil vent tube that prevents cleaning tool number HU80298 from passing through the tube, then replace the internal oil vent tube within 10 CIS. 
(2) If after cleaning, there is still carbon of visible thickness, in either of the two external oil vent tubes, then replace the external oil vent tube before further flight. 

(2) If after cleaning, there is still carbon in the vent tube that prevents cleaning tool number HU80298 from passing through the tube, then replace the internal oil vent tube within 10 CIS. 
(3) If after cleaning, there is still carbon of visible thickness, in either of the two external oil vent tubes, then replace the external oil vent tube before further flight.


Definition

(I) For the purpose of this AD, an engine shop visit is induction of the engine into the engine shop for any cause.

Previous Credit

(m) Initial inspections specified in paragraph (f) of this AD and performed before the effective date of this AD using Rolls-Royce plc ASB No. RB.211–72–AE302, Revision 4, dated April 30, 2007, or Revision 5, dated May 22, 2007, or Revision 6, dated January 29, 2009, or Revision 7, dated April 30, 2009, satisfy the initial inspection requirements in paragraph (f) of this AD.

Alternative Methods of Compliance

(n) The Manager, Engine Certification Office, has the authority to approve alternative methods of compliance for this AD, if requested using the procedures found in 14 CFR 39.19.

Related Information

(o) European Aviation Safety Agency AD 2007–0201, dated August 1, 2007, and AD 2007–0202 (corrected August 8, 2007), also address the subject of this AD.

(p) Contact James Lawrence, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; e-mail: james.lawrence@faa.gov; telephone (781) 238–7176; fax (781) 238–7199, for more information about this AD.

Material Incorporated by Reference

(q) You must use Rolls-Royce plc Alert Service Bulletin No. RB.211–72–AE302, Revision 8, dated October 21, 2009, including Appendix A, to perform the actions required by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact Rolls-Royce plc, P.O. Box 31, Derby, England; telephone: 011–44–1332–249428; fax: 011–44–1332–249223 for a copy of this service information. You may review copies at the FAA, New England Region, 12 New England Executive Park, Burlington, MA; or 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 Burlington, Massachusetts, on March 25, 2010.

Robert J. Ganley,
Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 2010–7283 Filed 4–1–10; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64


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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) originated 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:

One operator reported loss of both pitch trims following autopilot disengagement after take off. Subsequent shop findings revealed severe damage to the power gears. Malfunctioning between the hydraulic motors was suspected to have induced excessive loads into the gear train, leading to collapse of one bearing on a shaft of the main gear, causing severe tooth damage. The combination of tooth damage and gear tilting caused the disconnection of two of the three hydraulic motors, resulting in jamming of the THSA [trimmable horizontal stabilizer actuator] gearbox and resultant loss of THSA control.
This condition, if not detected and corrected, could lead to further cases of malphasing of the hydraulic motors of the THSA, causing degradation of the power gears and potentially resulting in reduced control of the aeroplane.

We are issuing this AD to require actions to correct the unsafe condition on these products.

DATES: This AD becomes effective May 7, 2010.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of May 7, 2010.

ADDRESSES: You may examine the AD docket on the Internet at http://www.regulations.gov or in person at the U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC.


SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. That NPRM was published in the Federal Register on December 11, 2009 (74 FR 65699). That NPRM proposed to correct an unsafe condition for the specified products. The MCAI states:

One operator reported loss of both pitch trims following autopilot disengagement after take off. Subsequent shop findings revealed severe damage to the power gears. Malphasing between the hydraulic motors was suspected to have induced excessive loads into the gear train, leading to collapse of one bearing on a shaft of the main gear, causing severe tooth damage. The combination of tooth damage and gear tilting caused the disconnection of two of the three hydraulic motors, resulting in jammimg of the THSA [trimmable horizontal stabilizer actuator] gearbox and consequent loss of THSA control.

This condition, if not detected and corrected, could lead to further cases of malphasing of the hydraulic motors of the THSA, causing degradation of the power gears and potentially resulting in reduced control of the aeroplane.

For the reasons described above, this AD requires repetitive checks [on-airplane phasing inspections and magnetic plug inspections for metal particles on the drain plug using detailed inspection methods] of the THSA and corrective actions [replacement of the THSA with a serviceable unit], depending on findings.

You may obtain further information by examining the MCAI in the AD docket.

Comments

We gave the public the opportunity to participate in developing this AD. We considered the comment received from the Air Line Pilots Association, International (ALPA). ALPA supports the NPRM.

Conclusion

We reviewed the available data, including the comment received, and determined that air safety and the public interest require adopting the AD as proposed.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have required different actions in this AD from those in the MCAI in order to follow our FAA policies. Any such differences are highlighted in a NOTE within the AD.

Explanation of Change to Costs of Compliance

Since issuance of the NPRM, we have increased the labor rate used in the Costs of Compliance from $80 per work-hour to $85 per work-hour. The Costs of Compliance information, below, reflects this increase in the specified hourly labor rate.

Costs of Compliance

We estimate that this AD will affect 12 products of U.S. registry. We also estimate that it will take about 5 work-hours per product to comply with the basic requirements of this AD. The average labor rate is $85 per work-hour. Based on these figures, we estimate the cost of this AD to the U.S. operators to be $5,100, or $425 per product.

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 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); 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.

We prepared a regulatory evaluation of the estimated costs to comply with this 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, 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

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 AD:


Effective Date

(a) This airworthiness directive (AD) becomes effective May 7, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Airbus Model A300 B2–1C, B2K–3C, B2–203, B4–2C, B4–103, and B4–203 airplanes, certified in any category, all serial numbers.

Subject

(d) Air Transport Association (ATA) of America Code 27: Flight Controls.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states:

One operator reported loss of both pitch trimms following autopilot disengagement after take off. Subsequent shop findings revealed severe damage to the power gears. Malphasing between the hydraulic motors was suspected to have induced excessive loads into the gear train, leading to collapse of one bearing on a shaft of the main gear, causing severe tooth damage. The combination of tooth damage and gear tilting caused the disconnection of two of the three hydraulic motors, resulting in jamming of the THSA (Trimable Horizontal Stabilizer Actuator) gearbox and consequent loss of THSA control.

For the reasons described above, this AD requires repetitive checks [on-airplane phasing inspections and magnetic plug inspections for metal particles on the drain plug using detailed inspection method] of the THSA and corrective actions [replacement of the THSA with a serviceable unit], depending on findings.

Actions and Compliance

(f) Unless already done, do the following actions.

(1) Within 4,000 flight hours after the last THSA overhaul or within 230 flight hours after the effective date of this AD, whichever occurs later: Perform an on-airplane phasing inspection of the THSA, and a magnetic plug inspection for metal particles on the drain plug of the THSA, using detailed inspection methods, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–27–0201, dated March 9, 2009.

(i) If the THSA passes the phasing inspection, but the magnetic plug inspection reveals metal particles that are equal to or less than 1.5 mm (0.059 in.) or 1 mm (0.0196 in.), and the depth of the particle layer does not exceed 1 mm (0.0393 in.), repeat the inspections thereat after intervals not to exceed 2,500 flight hours in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–27–0201, dated March 9, 2009.

(ii) If the THSA passes the phasing inspection, but the magnetic plug inspection reveals metal particles with dimensions greater than 1.5 mm (0.059 in.) or 1 mm (0.0196 in.), a layer of particles with a depth greater than 1 mm (0.0393 in.) is found, before further flight, replace the THSA with a serviceable unit, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–27–0201, dated March 9, 2009.

(iii) If the THSA fails the phasing inspection and the magnetic plug inspection reveals metal particles that are equal to or less than 1.5 mm (0.059 in.) or 1 mm (0.0196 in.), within 500 flight hours after the inspection, replace the THSA with a serviceable unit, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–27–0201, dated March 9, 2009.

(iv) If the THSA fails the phasing inspection and the magnetic plug inspection reveals metal particles with dimensions greater than 1.5 mm (0.059 in.) or 1 mm (0.0196 in.) or a layer of particles with a depth greater than 1 mm (0.0393 in.) is found, before further flight, replace the THSA with a serviceable unit, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–27–0201, dated March 9, 2009.

(5) Submit a report of the findings (both positive and negative) of the inspections required by paragraph (f)(1) of this AD to the THSA manufacturer, Goodrich Actuation Systems, Wolverhampton, West Midlands WV10 7EH, England.

(g) The following provisions also apply to this AD:

(i) Airworthy Product: For any requirement in this AD to assure the product is airworthy before it is approved by the State of Design Authority or approved by the State of Type Certification, the AMOC approval letter must specifically reference this AD.

(ii) Airworthy Product: For any requirement in this AD to assure the product is airworthy before it is approved by the FAA, the AMOC applies, notify your local Flight Standards District Office.

(iii) Other FAA AD Provisions: For any requirement in this AD to assure the product is airworthy before it is approved by another authority, notify the applicable time of the AMOC application.

(iv) Reporting Requirements: The FAA AD Differences.

Note 1: This AD differs from the MCAI and/or service information as follows: No differences.

Note 3: This AD applies to the MCAI and/or service information as follows: No differences.

Note 4: This AD applies to the MCAI and/or service information as follows: No differences.

Note 5: This AD applies to the MCAI and/or service information as follows: No differences.

Note 6: This AD applies to the MCAI and/or service information as follows: No differences.

Note 7: This AD applies to the MCAI and/or service information as follows: No differences.

16659 Federal Register / Vol. 75, No. 63 / Friday, April 2, 2010 / Rules and Regulations
14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; SOCATA Model TBM 700 Airplanes

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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. 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:

It has been discovered that the foam inside the towing bar box is not conformed to the certification specification, and especially the flame resistance properties.

In case of fire in the front baggage compartment, the non-conformed foam could rapidly propagate the flames and/or emit toxic fumes in the cabin.

We are issuing this AD to require actions to correct the unsafe condition on these products.

DATES: This AD becomes effective May 7, 2010.

On May 7, 2010, the Director of the Federal Register approved the incorporation by reference of certain service information under 5 U.S.C. 552(a) and 1 CFR part 51.

For service information identified in this AD, contact Airbus SAS—EAW (Airworthiness Office), 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; e-mail: account.airworth-eas@airbus.com; Internet http://www.airbus.com.

You may 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 425–227–1221.

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 NARA, 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 March 25, 2010.

Ali Bahrami,
Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2010–7371 Filed 4–1–10; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Related Information


Material Incorporated by Reference

(i) You must use Airbus Mandatory Service Bulletin A300–27–0201, including Appendices 1, 2, and 3, dated March 9, 2009, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Airbus SAS—EAW (Airworthiness Office), 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; e-mail: account.airworth-eas@airbus.com; Internet http://www.airbus.com.

Comment Issue No. 1: Optional Final Solution

DAHER–SOCATA comments that SOCATA Service Bulletin (SB) 70–179, Amendment 1, dated January 2010, was issued. That amendment contains a final solution. If the EASA AD issues before the comment end date of the NPRM for this AD action, the commenter requests that we include the required terminating action in our AD as specified in the amended service information.

The FAA partially agrees with this comment. The FAA agrees that following the issuance of the NPRM, EASA issued a revision to the AD to allow the optional installation of new foam pads part number (P/N) T700C091000610100 in the tow bar storage box in accordance with the Accomplishment Instructions of SB No. 70–179, Amendment 1, dated January 2010. The FAA disagrees with making the installation of the new foam pads P/N T700C091000610100 a required action since the EASA AD made it an optional action.

We are changing the final rule AD action to include this option.

Comment Issue No. 2: Costs of Compliance

DAHER–SOCATA comments that the costs in the Costs of Compliance section are not in accordance with those given in the service bulletin. It would take about 10 work-minutes per product instead of .5 work-hour to remove the wrong foam pad and to replace it with the new one. The cost should be only $13 for an average labor rate and consequently $2,132 for all U.S. operators.

The FAA agrees that it would only take 10 work-minutes. However, in regards to cost, our practice is to apply .5 hour as the minimum estimated work-hour for labor. This minimum was used in determining the cost of compliance for the AD.

We are not changing this final rule AD action based on this comment.

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. We determined that these changes will not increase the economic burden on any operator or increase the scope of the AD.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But