

Proposed Rules

Federal Register

Vol. 71, No. 246

Friday, December 22, 2006

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-26235; Directorate Identifier 2006-CE-65-AD]

RIN 2120-AA64

Airworthiness Directives; EADS SOCATA Model TBM 700 Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed 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 cracks found on several main landing gear cylinders. The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by January 22, 2007.

ADDRESSES: You may send comments by any of the following methods:

- **DOT Docket Web Site:** Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- **Fax:** (202) 493-2251.

- **Mail:** Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.

- **Hand Delivery:** Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- **Federal eRulemaking Portal:** <http://www.regulations.gov>. Follow the instructions for submitting comments.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://dms.dot.gov>; 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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone (800) 647-5227) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Albert J. Mercado, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4119; fax: (816) 329-4090.

SUPPLEMENTARY INFORMATION:

Streamlined Issuance of AD

The FAA is implementing a new process for streamlining the issuance of ADs related to MCAI. The streamlined process will allow us to adopt MCAI safety requirements in a more efficient manner and will reduce safety risks to the public. This process continues to follow all FAA AD issuance processes to meet legal, economic, Administrative Procedure Act, and **Federal Register** requirements. We also continue to meet our technical decision-making responsibilities to identify and correct unsafe conditions on U.S.-certificated products.

This proposed AD references the MCAI and related service information that we considered in forming the engineering basis to correct the unsafe condition. The proposed AD contains text copied from the MCAI and for this reason might not follow our plain language principles.

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2006-26235; Directorate Identifier 2006-CE-65-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this

proposed AD because of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA AD No. 2006-0085, dated April 12, 2006 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states reports of cracks found on several main landing gear (MLG) cylinders. If not detected and corrected, fatigue cracks in the shock strut cylinder of the MLG could result in a collapsed MLG during takeoff or landing, and possible reduced structural integrity of the airplane. The MCAI requires inspecting the MLG forging body for cracks and repairing any cracks found. You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

EADS SOCATA has issued TBM Aircraft Mandatory Service Bulletin SB 70-130, ATA No. 32, dated January 2006. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA's Determination and Requirements of the Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all information and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

Differences Between This Proposed 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 proposed different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are described in a separate paragraph of the proposed AD. These requirements, if ultimately adopted, will take precedence over the actions copied from the MCAI.

Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 272 products of U.S. registry. We also estimate that it would take about 18 work-hours per product to comply with the proposed AD. The average labor rate is \$80 per work-hour. Required parts would cost about \$125,600 per product. Where the service information lists required parts costs that are covered under warranty, we have assumed that there will be no charge for these costs. As we do not control warranty coverage for affected parties, some parties may incur costs higher than estimated here. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$34,554,880, or \$127,040 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 proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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 proposed regulation:

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 proposed AD and placed it in the AD docket.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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:

EADS SOCATA: Docket No. FAA-2006-26235; Directorate Identifier 2006-CE-65-AD

Comments Due Date

- (a) We must receive comments by January 22, 2007.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to Model TBM 700 airplanes, serial numbers 1 through 9999, certificated in any category.

Reason

- (d) The mandatory continuing airworthiness information (MCAI) states reports of cracks found on several main landing gear (MLG) cylinders. If not detected and corrected, fatigue cracks in the shock strut cylinder of the MLG could result in a collapsed MLG during takeoff or landing, and possible reduced structural integrity of the airplane.

Actions and Compliance

- (e) Unless already done, do the following actions.

- (1) As of the effective date of this AD, for MLG with forging body totaling more than 1,750 landings but less than 3,475 landings since new:

- (i) Inspect the forging body for cracks within 100 landings after the effective date of this AD in accordance with the accomplishment instructions of EADS SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-130, ATA No. 32, dated January 2006.

- (ii) If no cracks are detected, repetitively inspect thereafter every 175 landings.

- (2) As of the effective date of this AD, for MLG with forging body totaling 3,475 landings or more since new:

- (i) Inspect the forging body for cracks within 25 landings after the effective date of this AD in accordance with the accomplishment instructions of EADS SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-130, ATA No. 32, dated January 2006.

- (ii) If no cracks are detected, repetitively inspect thereafter every 175 landings.

- (3) If any cracks are detected during any inspection required in paragraph (e) of this AD:

- (i) Remove the affected landing gear leg and confirm the presence of the crack with dye penetrant inspection or fluorescent penetrant inspection.

- (ii) If the crack is confirmed, before further flight, contact EADS SOCATA to coordinate the landing gear repair/replacement and then conform to any instruction stated by EADS SOCATA.

- (4) If you do not know the number of landings, follow the instructions in the Compliance section of EADS SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-130, ATA No. 32, dated January 2006.

FAA AD Differences

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

Other FAA AD Provisions

- (f) The following provisions also apply to this AD:

- (1) *Alternative Methods of Compliance (AMOCs):* The Manager, Standards Staff, FAA, Small Airplane Directorate, ATTN: Albert J. Mercado, Aerospace Engineer, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4119; fax: (816) 329-4090, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19.

- (2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

- (3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(g) Refer to MCAI European Aviation Safety Agency (EASA) AD No. 2006-0085, dated April 12, 2006, and EADS SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-130, ATA No. 32, dated January 2006, for related information.

Issued in Kansas City, Missouri, on December 15, 2006.

Kim Smith,

Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. E6-21929 Filed 12-21-06; 8:45 am]

BILLING CODE 4910-13-P

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

[Docket No. FAA-2006-26401; Directorate Identifier 2006-CE-72-AD]

RIN 2120-AA64

Airworthiness Directives; B-N Group Ltd. BN-2, BN-2A, BN-2B, BN-2T, and BN-2T-4R Series (All Individual Models Included in Type Certificate Data Sheet (TCDS) A17EU, Revision 16, Dated December 9, 2002), and BN-2A-MkIII Trislander Series (All Individual Models Included in Type Certificate Data Sheet (TCDS) A29EU, Revision 4, Dated December 9, 2002) Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed 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: "incidences have been reported to Britten-Norman Aircraft Ltd where cracks have been found in the inner shell of the pitot/static pressure heads. This could result in incorrect readings on the pressure instrumentation, e.g. altimeters, vertical speed indicators (rate-of-climb) and airspeed indicators." The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by January 22, 2007.

ADDRESSES: You may send comments by any of the following methods:

- **DOT Docket Web Site:** Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- **Fax:** (202) 493-2251.

- **Mail:** Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.

- **Hand Delivery:** Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- **Federal eRulemaking Portal:** <http://www.regulations.gov>. Follow the instructions for submitting comments.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://dms.dot.gov>; 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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone (800) 647-5227) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Taylor B. Martin, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4138; facsimile: (816) 329-4090.

SUPPLEMENTARY INFORMATION:**Streamlined Issuance of AD**

The FAA is implementing a new process for streamlining the issuance of ADs related to MCAI. The streamlined process will allow us to adopt MCAI safety requirements in a more efficient manner and will reduce safety risks to the public. This process continues to follow all FAA AD issuance processes to meet legal, economic, Administrative Procedure Act, and **Federal Register** requirements. We also continue to meet our technical decision-making responsibilities to identify and correct unsafe conditions on U.S.-certificated products.

This proposed AD references the MCAI and related service information that we considered in forming the engineering basis to correct the unsafe condition. The proposed AD contains text copied from the MCAI and for this reason might not follow our plain language principles.

Comments Invited

We invite you to send any written relevant data, views, or arguments about

this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2006-26401; Directorate Identifier 2006-CE-72-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA AD No. 2006-0143, Effective Date: May 30, 2006, referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states: "incidences have been reported to Britten-Norman Aircraft Ltd. where cracks have been found in the inner shell of the pitot/static pressure heads. This could result in incorrect readings on the pressure instrumentation, e.g. altimeters, vertical speed indicators (rate-of-climb) and airspeed indicators. This condition has been determined to be potentially hazardous." The MCAI requires an inspection procedure and a leak test procedure to detect cracks, and a check of the drain traps for moisture.

Relevant Service Information

B-N Group LTD has issued Service Bulletin SB 310 effective date March 1, 2006. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA's Determination and Requirements of the Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all information and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.