

2009-24-15 SOCATA: Amendment 39-16109; Docket No. FAA-2009-0886; Directorate Identifier 2009-CE-045-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective January 4, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to TBM 700 airplanes, serial numbers 434 through 502, and serial numbers 504 and 505, certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 24: Electric Power.

Reason

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

It was noticed on assembly line an elongation of bolts connecting power leads on R700 and R701 shunts. An incorrect tightening torque value is likely to be the cause of the elongation.

This condition, if left uncorrected could lead to heating, electrical arcing or smokes and could result in an in-flight loss of electrical power.

For the reason described above, this Airworthiness Directive (AD) mandates the replacement of the power lead bolts on R700 and R701 shunts.

Actions and Compliance

(f) Unless already done, within the next 100 hours time-in- service after January 4, 2010 (the effective date of this AD), or within the next 12 months after January 4, 2010 (the effective date of this AD), whichever occurs first, replace the bolts of shunts R700 and R701 following DAHER-SOCATA Mandatory Service Bulletin SB 70-169, dated May 2009.

FAA AD Differences

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

Other FAA AD Provisions

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

(1) Alternative Methods of Compliance (AMOCs): The Manager, Standards Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to Attn: Albert Mercado, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4119; fax: (816) 329-4090. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(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

(h) Refer to MCAI EASA AD No.: 2009-0174, dated August 11, 2009; and DAHER-SOCATA Mandatory Service Bulletin SB 70-169, dated May 2009, for related information.

Material Incorporated by Reference

(i) You must use DAHER-SOCATA Mandatory Service Bulletin SB 70- 169, dated May 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 SOCATA, 65921--TARBES Cedex 9, France; telephone: +33 6 07 32 62 24; or SOCATA NORTH AMERICA, INC., North Perry Airport, 7501 South Airport Rd., Pembroke Pines, Florida 33023; telephone: (954) 893- 1400; fax: (954) 964-4141; Internet: <http://mysocata.com>.

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD 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.