

2010-11-15 SOCATA: Amendment 39-16320; Docket No. FAA-2010-0286; Directorate Identifier 2010-CE-013-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective July 6, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model TBM 700 airplanes, all serial numbers (SNs), that:

(1) are certificated in any category; and

(2) are equipped with part number (P/N) 863520-00 portable fire extinguishers, serial numbers (S/N) as listed in L'Hotellier Service Bulletin 863520-26-001, dated December 21, 2009.

Subject

(d) Air Transport Association of America (ATA) Code 26: Fire Protection.

Reason

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

The Civil Aviation Authority of the United Kingdom (UK) has informed EASA that significant quantities of Halon 1211 gas, determined to be outside the required specification, have been supplied to the aviation industry for use in fire extinguishing equipment. Halon 1211 (BCF) is used in portable fire extinguishers, usually fitted or stowed in aircraft passenger cabins and flight decks. EASA published Safety Information Bulletin (SIB) 2009-39 on 23 October 2009 to make the aviation community aware of this safety concern.

The results of the ongoing investigation have now established that LyonTech Engineering Ltd, a UK-based company, has supplied further consignments of Halon 1211 (BCF) to L'Hotellier that do not meet the required specification. This Halon 1211 has subsequently been used to fill certain P/N 863520-00 portable fire extinguishers that are now likely to be installed in or carried on certain TBM700 aeroplanes.

The contaminated nature of this gas, when used against a fire, may provide reduced fire suppression, endangering the safety of the aeroplane and its occupants. In addition, extinguisher activation may lead to release of toxic fumes, possibly causing injury to aeroplane occupants.

For the reason described above, this EASA AD requires the identification and removal from service of certain batches of fire extinguishers and replacement with serviceable units.

Actions and Compliance

(f) Unless already done, within 3 months after July 6, 2010 (the effective date of this AD), do the following in accordance with DAHER-SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-183, dated January 2010:

(1) Inspect the fire extinguisher(s) installed or carried on board the airplane for any P/N and S/N fire extinguisher listed in L'Hotellier Service Bulletin 863520-26-001, dated December 21, 2009; and

(2) If, as a result of the inspection required by paragraph (f)(1) of this AD, you find any fire extinguisher listed in L'Hotellier Service Bulletin 863520-26-001, dated December 21, 2009, before further flight, remove it from the airplane and replace it with a serviceable unit in accordance with L'Hotellier Service Bulletin 863520-26-001, dated December 21, 2009.

(3) As of July 6, 2010 (the effective date of this AD), do not install any fire extinguisher listed in L'Hotellier Service Bulletin 863520-26-001, dated December 21, 2009, on any airplane, unless it has been overhauled with compliant Halon 1211 (BCF) and re-identified, in accordance with the instructions of L'Hotellier Service Bulletin 863520-26-001, dated December 21, 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.: 2010-0012, dated February 5, 2010; DAHER-SOCATA TBM Aircraft Mandatory Service Bulletin SB 70- 183, dated January 2010; and L'Hotellier Service Bulletin 863520-26- 001, dated December 21, 2009, for related information.

Material Incorporated by Reference

(i) You must use DAHER-SOCATA TBM Aircraft Mandatory Service Bulletin SB 70-183, dated January 2010; and L'Hotellier Service Bulletin 863520-26-001, dated December 21, 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--Direction des Services--65921 Tarbes Cedex 9--France; telephone +33 (0)5 6241-7300, fax +33 (0)5 62 41 76 54, or for North America: SOCATA NORTH AMERICA, 7501 South Airport Road, North Perry Airport (HWO), Pembroke Pines, Florida 33023; telephone: 954-893- 1400; fax: 54-964-4141. For details on the fire extinguisher, contact: L'HOTELLIER, 4 rue Henri Poincar[acute], 92167 ANTONY Cedex, France; telephone +33(0) 1 46 66 08 08; fax +33(0) 1 46 66 23 24; e-mail: alain.dorneau@hs.utc.com. To obtain a copy of the referenced L'Hotellier service bulletin, e-mail: sylvie.laruffa@hs.utc.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.