

**2009-23-12 SOCATA:** Amendment 39-16086; Docket No. FAA-2009-0557; Directorate Identifier 2009-CE-031-AD.

**Effective Date**

(a) This airworthiness directive (AD) becomes effective December 18, 2009.

**Affected ADs**

(b) This AD revises AD 2009-13-05, Amendment 39-15944.

**Applicability**

(c) This AD applies to the following model and serial number airplanes that are:

- (i) certificated in any category; and
- (ii) equipped with a chemical oxygen generation system.

Model	Serial Nos.
TBM 700	1 through 204, 206 through 239, and 241 through 243.

**Subject**

(d) Air Transport Association of America (ATA) Code 35: Oxygen.

**Reason**

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

During a SOCATA flight test, it has been noted some difficulties for the pilot to release oxygen. After investigation it has been found that, due to the design of the oxygen generator release pin, one of the mask's lanyard linked to the pin can be jammed when it is pulled by a pilot or a passenger.

This condition, if not corrected, would lead, in case of an emergency procedure due to decompression, to a risk of generator fault with subsequent lack of oxygen on crew and/or passenger.

For the reason described above, SOCATA has released Pilot Operating Handbook (POH) Temporary Revision (TR) 03 which asks, in case of failure to release oxygen, to pull on the other mask lanyard in order to activate the oxygen generator.

This revision has been released to clarify the applicability.

A SOCATA modification enabling to solve this issue is under preparation. Once this modification has been released, this AD is expected to be revised to confirm the acceptability of that modification.

## **Actions and Compliance**

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

(1) Before further flight after July 9, 2009 (the effective date retained from AD 2009-13-05), insert Page 3.13.5 of Temporary Revision No. 3, dated March 2009, into the Emergency Procedures section and the Limitations section of SOCATA TBM 700 A & B Pilot Operating Handbook (POH).

(2) Under 14 CFR section 43.7 of the Federal Aviation Administration Regulations (14 CFR 43.7), the owner/operator holding at least a private pilot certificate is allowed to insert the temporary revision into the POH. Make an entry into the aircraft logbook showing compliance with this portion of the AD per compliance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).

## **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.

## **Material Incorporated by Reference**

(h) You must use page 3.13.5 of Temporary Revision No. 3, dated March 2009, of SOCATA TBM 700 A & B Pilot Operating Handbook (POH), to do the actions required by this AD, unless the AD specifies otherwise.

(1) On July 9, 2009 (74 FR 29126, June 19, 2009), the Director of the Federal Register previously approved the incorporation by reference of page 3.13.5 of Temporary Revision No. 3, dated March 2009, of SOCATA TBM 700 A & B Pilot Operating Handbook (POH).

(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 Perry Airport, 7501 South Airport Rd., Pembroke Pines, FL 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](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).