


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0060 Date: 29 March 2011 Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : SOCATA	Type/Model designation(s) : TBM 700 aeroplanes
TCDS Number : EASA A.010	
Foreign AD : Not applicable	
Supersedure : None	
ATA 27	Flight controls – Elevator Trim Tab Elevator – Identification / Replacement
Manufacturer(s):	SOCATA (formerly EADS SOCATA)
Applicability:	TBM 700 aeroplanes, all serial numbers.
Reason:	<p>A TBM 700 operator reported a case of elevator trim tab actuator jamming once the trim tab arrived to stop.</p> <p>The investigations conducted by the trim tab actuator manufacturer have shown that there was a discrepancy with PRECILEC manufacturing process of elevator trim tab actuator which caused this event. It has been determined as well that this discrepancy is limited to a batch of Serial Numbers (S/N).</p> <p>If not detected and corrected, a jammed trim tab could lead to unusual control forces, resulting in lower controllability, particularly if combined with adverse flight conditions at landing.</p> <p>For the reasons described above, this AD requires the inspection of the elevators trim tab actuator P/N 6071017251 for identification of S/N and, in case of findings, the replacement of the affected ones with serviceable units.</p>
Effective Date:	12 April 2011
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 12 months after the effective date of this AD, identify the S/N of Left Hand and Right Hand PRECILEC elevator trim tab actuators in accordance with paragraph (A) of the accomplishment instructions of SOCATA SB 70-190-27.

	<p>(2) If any affected elevator trim tab actuator as listed in SOCATA SB 70-190-27 is found to be installed on an aeroplane, before next flight, replace it with a serviceable part in accordance with the accomplishment instructions of SOCATA SB 70-190-27.</p> <p>(3) After the effective date of this AD, do not install on an aeroplane any PRECILEC elevator trim tab actuator P/N 6071017251 with a S/N listed in SOCATA SB 70-190-27 unless it has been repaired by a dedicated Service Center in accordance with the instructions of SOCATA SB 70-190-27.</p> <p>Note :</p> <p>After being repaired by a service center, affected trim tab actuators are identified with screw green colored locking varnish as shown in figure 2 of SOCATA SB 70-190-27 and are in safe condition for release to service.</p>
Ref. Publications:	<p>SOCATA Service Bulletin 70-190-27 original issue dated January 2011.</p> <p>The use of later approved revisions of this document is acceptable for compliance with requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 18 February 2011 as PAD 11-023 for consultation until 18 March 2011. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: <p style="text-align: center;">SOCATA- Direction des services-65921 Tarbes Cedex 9-France Tel. 33 (0) 62 41 73 00 Fax : + 33 (0) 62 41 76 54</p> <p style="text-align: center;">or for the U.S.A</p> <p style="text-align: center;">SOCATA NORTH AMERICA.-North Perry Airport-7501 South Airport Rd. Pembroke Pines, FL 33023-United States of America Tel.: 1 (954) 893 1400 Fax: 1 (954) 964 4141</p>