


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2011-0101</p> <p>Date: 25 May 2011</p> <p>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.</p>
<p>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].</p>	
<p>Type Approval Holder's Name :</p> <p>SOCATA</p>	<p>Type/Model designation(s) :</p> <p>TBM 700 aeroplanes</p>
<p>TCDS Number : EASA.A.010</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
ATA 27	Flight controls – Aileron Control Cables – Inspection / Re-installation
Manufacturer(s):	SOCATA (formerly EADS SOCATA)
Applicability:	SOCATA TBM700 aeroplanes, variants TBM700 A, TBM700 B, TBM700 C1, TBM700 C2, TBM700 N, serial numbers (S/N) from 1 to 572 inclusive, 574 and 576.
Reason:	<p>A TBM 700 operator reported a case of inverted installation of aileron control cables in the wing. The shortest cable was found installed instead of the longest one on wing tip side, with left hand (LH) threaded end in upper section. This wrong installation could have been caused by mistaken maintenance data.</p> <p>This condition, if not detected and corrected, could lead to restricted movement of the aileron, resulting in reduced control of the aeroplane, particularly when operating under adverse flight conditions on landing and during avoidance manoeuvres.</p> <p>For the reasons described above, this AD requires an inspection to verify the correct installation of the aileron control cables and, in case of discrepancies, proper re-installation of the cables in accordance with the approved design configuration.</p>
Effective Date:	08 June 2011

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 12 months after the effective date of this AD, inspect the aileron control cables in LH and right hand (RH) wings for proper installation in accordance with the accomplishment instructions of SOCATA Service Bulletin (SB) 70-191-27. (2) If the cables are found improperly installed, before next flight, remove the cables and correctly re-install the cables in accordance with the accomplishment instructions of SOCATA SB 70-191-27. (3) After the effective date of this AD, after each removal of the aileron control cables, re-installation must be accomplished in accordance with SOCATA Aircraft Maintenance Manual (AMM) Temporary Revision (TR) : <ul style="list-style-type: none"> - No. TR040.27 dated April 2011 for aeroplanes S/N from 1 to 433 inclusive, or, - No. TR015.27 dated April 2011 for aeroplanes S/N from 434 to 572 inclusive, 574 and 576, as applicable to aeroplane S/N.
<p>Ref. Publications:</p>	<p>SOCATA Service Bulletin 70-191-27 original issue dated April 2011.</p> <p>SOCATA Aircraft Maintenance Manual Temporary Revisions No. TR040.27 and No. TR015.27, both dated April 2011.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<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 19 April 2011 as PAD 11-043 for consultation until 17 May 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>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>or for the U.S.A</p> <p>SOCATA NORTH AMERICA, North Perry Airport, 7501 South Airport Road, Pembroke Pines, Florida 33023, United States of America. Tel.: +1 (954) 893 1400 Fax: +1 (954) 964 4141.</p>