

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2009-0174</p> <p>Date: 11 August 2009</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>
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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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) : TBM700 N aeroplanes
TCDS Number : EASA A.010	
Foreign AD : Not Applicable	
Supersedure: None	
ATA 24	Electrical Power – Power Lead Bolts on R700 and R701 Shunts – Replacement
Manufacturer(s):	EADS SOCATA
Applicability:	Model TBM700 N aeroplanes from serial number (s/n) 434 to 502 inclusive, and s/n 504 and 505.
Reason:	<p>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.</p> <p>This condition, if left uncorrected could lead to heating, electrical arcing or smokes and could result in an in-flight loss of electrical power.</p> <p>For the reason described above, this Airworthiness Directive (AD) mandates the replacement of the power lead bolts on R700 and R701 shunts.</p>
Effective Date:	25 August 2009
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Within 100 Flight Hours or 12 months, whichever occurs first after the effective date of this AD, replace the bolts of shunts R700 and R701 in accordance with the accomplishment instructions of SOCATA Service Bulletin No.70-169 initial issue.</p>

Ref. Publications:	<p>SOCATA Service Bulletin 70-169 initial issue, dated May 2009.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the 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 02 July 2009 as PAD 09-087 for consultation until 30 July 2009. 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="margin-left: 40px;">SOCATA – Direction des Services – 65921 Tarbes Cedex 9 – France</p> <p style="margin-left: 80px;">Tel. : +33 (0)5 62 41 73 00 Fax : +33 (0)5 62 41 76 54</p> <p style="margin-left: 120px;">or for the U.S.A</p> <p style="margin-left: 80px;">SOCATA NORTH AMERICA, INC. – North Perry Airport –</p> <p style="margin-left: 120px;">7501 South Airport Rd.</p> <p style="margin-left: 80px;">Pembroke Pines, FL 33023 – United States of America</p> <p style="margin-left: 40px;">Tel.: 1 (954) 893 1400 Fax: 1 (954) 964 4141</p>