EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2015-0130 **Date: 07 July 2015** 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 EU 748/2012, Part 21.A.3B. In accordance with EU 1321/2014 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:	**Type/Model designation(s):**
SOCATA	TB aeroplanes

TCDS Number:	EASA.A.378
Foreign AD:	Not applicable
Supersedure:	None

ATA 55	**Stabilizers – Horizontal Stabilizer Spar – Inspection**
Manufacturer(s):	SOCATA (formerly EADS SOCATA, Société de Construction d'Avions de Tourisme et d'Affaires)
Applicability:	SOCATA TB 9, TB 10, TB 20, TB 21 and TB 200 aeroplanes, all manufacturer serial numbers.
Reason:	During accomplishment of SOCATA Service Bulletin (SB) SB10-152-55 at original issue, some operators reported finding heavy corrosion of the horizontal stabilizer (HS) spar. The results of the technical investigation have identified that the corrosion was caused by humidity ingress in the HS on aeroplanes subject to severe environmental conditions. This condition, if not detected and corrected, could result in buckling and permanent HS distortion, possibly resulting in reduced control of the aeroplane. To address this unsafe condition, SOCATA issued SB 10-152-55 Revision 1 to provide instructions for inspection and corrective action. For the reasons described above, this AD requires repetitive inspections of the affected area of the HS and, depending on findings, accomplishment of applicable corrective action(s).
Effective Date:	21 July 2015

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 13 months after the effective date of this AD, and, thereafter, at intervals not to exceed 72 months, accomplish a special detailed inspection of the HS spar in accordance with the instructions of SOCATA SB 10-152-55 Revision 1. (2) If, during any inspection as required by paragraph (1) of this AD, no discrepancy is detected, protect the HS spar in accordance with the instructions of SOCATA SB 10-152-55 Revision 1. (3) If, during any inspection as required by paragraph (1) of this AD, any discrepancy is detected, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of SOCATA SB 10-152-55 Revision 1. (4) Accomplishment of protection or corrective actions on an aeroplane as required by paragraph (2) or (3) of this AD, as applicable, does not constitute terminating action for the repetitive inspections as required by paragraph (1) of this AD for that aeroplane. (5) Inspections and corrective actions on an aeroplane, accomplished before the effective date of this AD in accordance with the instructions of SOCATA SB 10-152-55 at original issue, are acceptable to comply with the requirements of this AD for that aeroplane. After the effective date of this AD, repetitive inspections and applicable corrective actions, as required by this AD, must be accomplished in accordance with the instructions of SOCATA SB 10-152-55 Revision 1.
Ref. Publications:	SOCATA SB 10-152-55 original issue dated May 2013, or Revision 1 dated April 2015. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 26 May 2015 as PAD 15-068 for consultation until 23 June 2015. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information 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: SOCATA, Direction des Services, 65921 Tarbes Cedex 9, France. Tel. +33 (0) 5 62 41 73 00, Fax : + 33 (0) 5 62 41 76 54. or for the U.S.A. SOCATA NORTH AMERICA, 601 NE 10 Street, Pompano Beach, FL 33060, The United States of America. Tel.: +1 (954) 366 3331