



## Notification of a proposal to issue an Airworthiness Directive

**PAD No.: 16-175**

**Issued: 21 December 2016**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Design Approval Holder's Name:**

SOCATA

**Type/Model designation(s):**

TBM 700 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**TCDS Number(s):** EASA.A.010

**Foreign AD:** Not applicable

**Supersedure:** This AD supersedes DGAC France AD 2001-582(A) R1 dated 09 July 2003.

### ATA 27 – Flight Controls – Aileron Control – Modification

#### Manufacturer(s):

SOCATA (formerly EADS SOCATA)

#### Applicability:

SOCATA TBM 700 aeroplanes, manufacturer serial numbers (MSN) 1 through 184 inclusive, 186, 187, 189 through 204 inclusive, 206 and 207.

#### Reason:

An event occurred in 2001 on an in-service aeroplane where, during a pre-flight check of the flight controls, the pilot control wheel jammed in full nose up and full left position after having exceeded the control stop of roll.

This condition, if not corrected, could lead to reduced control of the aeroplane.

Prompted by these findings, SOCATA issued Service Bulletin (SB) 70-095-27 to provide inspection instructions.

To address this unsafe condition, DGAC France issued AD 2001-582(A) to require repetitive inspections of the flight control system after any maintenance operation on flight controls. That AD was later revised to update the list of affected aeroplane MSN.



Since DGAC France AD 2001-582(A) R1 was issued, SOCATA issued Revision 2 of SB 70-095-27 to provide instructions for replacement of the rivets in the roll primary stops as a terminating action for the repetitive inspections.

For the reasons described above, this AD, which supersedes DGAC France AD 2001-582(A) R1, requires replacement of the rivets in the roll primary stops of the flight control wheels at the next maintenance operation on flight controls.

**Required Action(s) and Compliance Time(s):**

Required as indicated, unless accomplished previously:

- (1) At the next maintenance operation on flight controls, but no later than 13 months after the effective date of this AD, replace the rivets in the roll primary stops of both control wheels in accordance with the instructions of SOCATA SB 70-095-27 Revision 2.
- (2) Replacement of roll primary stop rivets on an aeroplane, accomplished before the effective date of this AD in accordance with the instructions of SOCATA SB 70-095-27 at original issue or Revision 1, is acceptable to comply with the requirements of paragraph (1) of this AD for that aeroplane.
- (3) Modification of an aeroplane (by installing a roll control emergency stop on each control wheel) in accordance with the instructions of SOCATA SB 70-114-27 (modification MOD70-0161-27), is an acceptable alternative method to comply with the requirements of paragraph (1) of this AD for that aeroplane.

**Ref. Publications:**

SOCATA SB 70-095-27 original issue dated November 2001, or Revision 1 dated April 2003, or Revision 2 dated October 2016.

SOCATA SB 70-114-27 original issue dated December 2004.

The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.

**Remarks:**

1. This Proposed AD will be closed for consultation on 18 January 2017.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. For any question concerning the technical content of the requirements in this PAD, please contact:

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Telephone +33 (0) 5 62 41 73 00, Fax + 33 (0) 5 62 41 76 54.

or for the U.S.A.:

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Telephone +1 (954) -366-3331.

