	AIRWORTHINESS DIRECTIVE No F-2004-134	Distribution: A	Issue date: August 04, 2004	Page : 1/2
Direction générale de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
	<p align="center">No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</p>			
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: EADS SOCATA		Type(s): TBM 700 aeroplanes		
Type certificate(s) No. 181 TCDS No 181				
ATA chapter: 27	Subject: Flight controls - Flap actuator "SAGEM/AVIAC"			

1. **EFFECTIVITY:**

EADS SOCATA TBM 700 aeroplanes, all serial numbers.

2. **REASONS:**

An excessive wear of the flap inner actuator drive nut increased by grease pollution may lead to an improper play between the actuator threaded rod and the drive nut.

3. **MANDATORY ACTIONS AND COMPLIANCE TIME:**

The following measures are rendered mandatory from the effective date of this AD:

Within the next 110 flight hours:

3.1. Inner actuators with less than 1200 hours Time in Service:


Clean and lubricate the actuator threaded rod according to the paragraph C of the EADS SOCATA Service Bulletin 70-118-27, then repeat this operation every 110 flight hours.

3.2. Inner actuators with more than 1200 hours Time in Service:

- Check the play between the drive nut and the actuator threaded rod according to the paragraphs A & B of the EADS SOCATA Service Bulletin 70-118-27 then repeat this operation every 330 flight hours.
- Clean & lubricate the actuator threaded rod according to the paragraph C of the EADS SOCATA Service Bulletin 70-118-27 then repeat this operation every 110 flight hours.

4. **REFERENCE PUBLICATION:**

Service Bulletin EADS SOCATA No 70-118-27 dated May 2004.

	AIRWORTHINESS DIRECTIVE No F-2004-134	Distribution: A	Issue date: August 04, 2004	Page: 2/2
---	--	---------------------------	---------------------------------------	---------------------

5. EFFECTIVE DATE:

August 14, 2004.

6. REMARKS:

For questions concerning the technical contents of this AD's requirements, contact:

EADS SOCATA
Direction des Services
Aéroport de Tarbes-Lourdes-Pyrénées
65921 Tarbes Cedex 9
FRANCE

Tel.: +33 (0)5 62 41 73 00
Fax: +33 (0)5 62 41 76 54

Or for the United States of America :

SOCATA AIRCRAFT, INC.
North Perry Airport
7501 South Airport Rd.
Pembroke Pines, FL 33023
UNITED STATES OF AMERICA

Phone: 1 (954) 893 1400
Fax: 1 (954) 964 0805

7. APPROVAL:

This AD is approved under EASA reference No 2004-8063 dated July 27, 2004.

Superseded