	AIRWORTHINESS DIRECTIVE No F-2005-050	Distribution: A	Issue date: March 30, 2005	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>
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.				
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: EADS SOCATA		Type(s): TBM 700 aircraft		
Type certificate(s) No. EASA A.010 TCDS No EASA A.010				
ATA chapter: 53	Subject: Fuselage - Floor panels and cargo strap rings attachment anchor nuts			

1. EFFECTIVITY:

This Airworthiness Directive (AD) is applicable to EADS SOCATA TBM 700 B and C variants with the following serial numbers 126, 129, 137, 143 thru 145, 148 thru 268, 270 thru 295, 298 and 299.

2. REASON:

This AD is issued following installation on the production line of single lug anchor nuts diameter 5 mm (0.196 in) in lieu of 4.8 mm (3/16 in) ones. As a consequence, some cargo compartment floor panels and some rear strap rings anchor nuts may get loose with the premature deterioration of the self-locking.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory from the effective date of this AD, unless previously accomplished:


During a task in the same access zone, and at the latest on the next 600 hour inspection, however not to exceed February 28, 2006:

- Replace the cargo floor panel single lug anchor nuts and the two rear strap rings in accordance with accomplishment instructions of the SB EADS SOCATA TBM 700 No 70-125.

These actions must be done in accordance with the manufacturer's technical publications.

4. REFERENCE PUBLICATION:

Service Bulletin EADS SOCATA TBM 700 No 70-125 dated February 2005
 (Any subsequent approved revision of this document is acceptable).

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5. **EFFECTIVE DATE:**

April 09, 2005.

6. **REMARKS:**

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7. **APPROVAL:**

This AD is approved under EASA reference No 2005-2571 dated March 22, 2005.