


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2008-0067-E</p> <p>Date: 03 April 2008</p>	
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.		
Type Approval Holder's Name :	Type/Model designation(s):	
EADS SOCATA	TBM 700	
TCDS Number: EASA.A.010		
Foreign AD: Not Applicable		
Supersedure: This Airworthiness Directive (AD) supersedes AD 2008-0063-E dated 28 March 2008		
ATA 24	Electrical Power – Alternator and vapour cycle cooling system pulley drive assembly – Inspection / Limitation / Replacement	
Manufacturer:	EADS SOCATA	
Applicability:	TBM700 N aircraft model (commercially known as TBM 850) from serial number (s/n) 434 through s/n 455 inclusive.	
Reason:	<p>A rupture of the alternator and vapour cycle cooling system pulley drive assembly has reportedly been found. Such a failure could lead to the loss of the alternator and vapour cycle cooling systems and could also cause mechanical damage inside the powerplant compartment.</p> <p>To address this condition, AD 2008-0063-E had been published to require a check of the pulley drive assembly for leakage and, as an interim action, removal of the compressor drive belt from the assembly, and adoption of a new operational procedure to keep the air-conditioning system deactivated.</p> <p>This AD retains the requirements of AD 2008-0063-E which is superseded, introduces a mandatory terminating action which consists in replacing the original pulley drive assembly by a new one of an improved design - corresponding to the EADS SOCATA modification MOD 70-0231-21 - that permits reinstallation of the compressor drive belt.</p> <p>This AD is intended for flight crews and maintenance personnel.</p>	
Effective Date:	07 April 2008	

<p>Compliance:</p>	<p>PREVIOUS REQUIREMENTS OF AD 2008-0063-E</p> <p>Unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before further flight after 01 April 2008 (the effective date of AD 2008-0063-E), and until accomplishment of paragraph (5) of this AD, position to "OFF" the air-conditioning "AIR COND" switch. (2) Prior to next flight after 01 April 2008 (the effective date of AD 2008-0063-E), check for oil leakage the pulley drive assembly in accordance with accomplishment instructions of EADS SOCATA Service Bulletin (SB) No.70-156 original issue or Amendment 1. (3) If ANY leak is found, before further flight, and until accomplishment of paragraph (5) of this AD, replace the pulley drive assembly without reinstalling the compressor drive belt, as instructed in EADS SOCATA SB No.70-156 original issue or Amendment 1. (4) If NO leak is found, before further flight, and until accomplishment of paragraph (5) of this AD, remove from the pulley drive assembly the compressor drive belt, as instructed in EADS SOCATA SB No.70-156 original issue or Amendment 1. <p>NEW REQUIREMENTS</p> <ol style="list-style-type: none"> (5) Before 31 March 2009, replace the pulley drive assembly part number (p/n) T700G215504900000 by a new one p/n T700G215505710000 and reinstall the compressor drive belt, in accordance with EADS SOCATA SB No.70-156 Amendment 1. (6) After 31 March 2009, no person shall install on any TBM700 N airplane, pulley drive assembly p/n T700G215504900000. <p>NOTE: Permission to ferry the airplane, to a location where the mandatory actions required in paragraphs (2) (3) and (4) of this AD can be accomplished, is allowed provided that the requirement in paragraph (1) of this AD is fully adhered to.</p>
<p>Ref. Publications:</p>	<p>EADS SOCATA Service Bulletin No.70-156 original issue and amendment 1.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept alternative Methods of compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification 3. Enquiries regarding this AD should be addressed to the AD Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: <ul style="list-style-type: none"> EADS 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 SOCATA AIRCRAFT, INC. - North Perry Airport - 7501 South Airport Rd. Pembroke Pines, FL 33023 – United States of America Tel.: 1 (954) 893 1400 Fax: 1 (954) 964 4141