


EASA	AIRWORTHINESS DIRECTIVE	
	AD No : 2006 - 0276 Date: 06 September 2006	
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) :
DASSAULT AVIATION		FALCON 2000
TCDS Number: EASA A.008		
Foreign AD : Not applicable.		
Supersedure: Not applicable.		
ATA 30	ICE & RAIN PROTECTION – WING ANTI- ICE TELESCOPIC TUBES – MODIFICATION	
Manufacturer(s):	Dassault Aviation; Avions Marcel Dassault-Breguet Aviation [AMD-BA]	
Applicability:	All Falcon 2000 aircraft, if equipped with wing anti-ice telescopic tubes having Part Number (P/N) 5035-400 or 5035-500.	
Reason:	<p>Wing anti ice telescopic tubes (P/N 5035-400 and 5035-500) ball joints were originally designed with high temperature polymer (Kynel TM) sealing rings. Temperature induced cracking of these rings associated with long term wear has been encountered in a small number of cases. This degradation may lead to binding of the ball joint and high swiveling forces which may result in improper operation of the leading edge slats and also in failure of the ball joint mounting bracket with possible friction on the aileron control rod, which could lead, if combined with a failure of the aileron emergency actuator, to an aileron jamming.</p> <p>A replacement carbon based material has been defined by the telescopic tube manufacturer ZODIAC and can be applied per ZODIAC Service Bulletins (SB) 5035-30-001 and 5035-30-002, resulting in P/N re-designations 5035-600 Amdt.A and 5035-700 Amdt.A, respectively.</p> <p>The purpose of this Airworthiness Directive (AD), by requiring modification of the wing anti-ice telescopic tubes in accordance with the ZODIAC service bulletins, is to ensure that no old definition sealing rings remain in operation beyond a life limit of 2,400 flight hours (FH) or 2,000 flight cycles (FC).</p>	
Effective Date:	16 September 2006	

Compliance:	<ol style="list-style-type: none"> 1) Before the telescopic tubes P/N 5035-400 and 5035-500 exceed the limit of 2,400 FH or 2,000 FC time-in-service (TIS) since new, whichever occurs first, remove and modify the affected tubes in accordance with instructions contained in Zodiac SB 5035-30-001 and 5035-30-002; 2) For telescopic tubes P/N 5035-400 and 5035-500 that have already exceeded or will exceed 2,400 FH or 2,000 FC TIS within the next 330 FH or 7 months after the effective date of this AD, within 330 FH or 7 months, whichever occurs first after the effective date of this AD, remove and modify the affected tubes in accordance with instructions contained in Zodiac SB 5035-30-001 and 5035-30-002; 3) From 16 April 2007, no person may install an affected telescopic tube P/N 5035-400 or 5035-500 in any aircraft as replacement part, unless it has been modified in accordance with instructions contained in Zodiac SB 5035-30-001 and 5035-30-002.
Ref. Publications:	ZODIAC Service Bulletin No 5035-30-001 and 5035-30-002 dated April 15, 2002 or later approved revisions.
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this PAD. 2. This AD was posted as PAD 06-184 for consultation on 14 July 2006 with a comment period until 31 July 2006. No comments were received during the consultation period. 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 your Dassault Falcon Field Service representative or Dassault Falcon Technical Assistance: <ul style="list-style-type: none"> - For Europe, Middle East and Africa based operators : Hot Line : (33) 1 47 11 35 35; Fax (33)1 47 11 89 49 - For USA, Canada and Mexico based operators : Help Desk : (1) 800-2FALCON (2325266); Fax (1)201 541 4740 - All other areas : Help Desk : (1) 201 541 4747; Fax (1)201 541 4740