


EASA	AIRWORTHINESS DIRECTIVE
	<p style="text-align: center;">AD No.: 2006 - 0114</p> <p style="text-align: center;">Date: 10 May 2006</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 : DASSAULT AVIATION	Type/Model designation(s): FALCON 10
TCDS Number : DGAC 68 / 142	
Foreign AD Nr: None	
Supersedure: None	
ATA 30	
Ice and rain protection-Collapsed wing anti-ice hoses- Replacement	
Manufacturer:	DASSAULT AVIATION – AMD-BA
Applicability:	All Falcon 10 aircraft
Reason:	<p>An Emergency Airworthiness Directive (DGAC F2005-041 / EASA approval number 2005-1986) has been issued following the discovery of a wing anti-ice flexible hose collapsed on an in-service Falcon 10. The hose has collapsed because of the internal ply separation of the flexible hose.</p> <p>The consequence on the aircraft of these collapsed hoses might be insufficient anti-icing not detected by the system. Ice accretion on the wing might then occur and might jeopardize the aircraft flight performances and safety.</p> <p>Further incidents led to a shortened temporary periodicity of inspection of 10 flights during which the anti ice system has been activated, mandated by a new EASA Emergency Airworthiness Directive (EAD) 2005-0020.</p> <p>The installation of an improved flexible hose, P/N FAL1007, was authorized through an alternative mean of compliance (AMOC) to AD 2005-0020, with a life limit of 90 flights during which the anti ice system has been activated.</p> <p>The present AD mandates, as a terminating action, to replace the old FAL1005D hoses by the new FAL1007 hoses with a life limitation of 700 flight hours.</p>

	The alternative choice to keep the old FAL1005D hoses and to prohibit flights in icing conditions by installing a placard in plain view of the crew to remind this operational limitation is not allowed anymore.
Effective Date:	24 May 2006
Compliance:	<p>The following measures are rendered mandatory from the effective date of this AD.</p> <ul style="list-style-type: none"> • For aircraft for which the operator has chosen not to inspect the FAL1005D hoses but to add a placard prohibiting flight in icing conditions, along with Airplane Flight Manual (AFM) Limitation section revision: <ul style="list-style-type: none"> ○ within 330 flight hours or 7 months, whichever ever occurs first, following the effective date of this AD, apply Dassault Aviation Service Bulletin (SB) F10- 313 revision 1 ; ○ after implementation of the aforementioned SB, remove the prohibition placard and associated AFM Limitation section revision. ○ Implementation of SB F10-313 revision 1 is a terminating action for the EASA EAD 2005-0020 requirements. • For aircraft fitted with FAL1005D hoses monitored every 10 flights during which the anti ice system has been activated: <ul style="list-style-type: none"> ○ within 330 flight hours or 7 months, whichever ever occurs first, following the effective date of this AD, without exceeding 10 flights during which the anti ice system has been activated since the last inspection of the hoses, apply Dassault Aviation Service Bulletin (SB) F10- 313 revision 1. ○ Implementation of SB F10-313 revision 1 is a terminating action for the EASA EAD 2005-0020 requirements. • For aircraft fitted with FAL1007 hoses under implementation of AMOC to AD 2005-0020: <ul style="list-style-type: none"> ○ the life limitation for these new hoses may be extended to 700 flight hours.
Ref. Publications:	Dassault Aviation Service Bulletin F10-313 revision 1 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 AD. 2. This AD was posted as PAD 06-042 for consultation on 23 February 2006 with a comment period until 23 March 2006. No comment was raised during the consultation period. 3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.eu.int 4. For any questions concerning the technical content of the requirements in this AD, please contact Dassault Falcon Technical Assistance:

	<p>- For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 35 35 Fax (33)1 47 11 89 49</p> <p>- For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266) Fax (1)201 541 4740</p> <p>- All other areas: Help Desk: (1) 201 541 4747 Fax (1)201 541 4740</p>
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Superseded