


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2014-0104</b></p> <p><b>Date : 07 May 2014</b></p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
This AD is issued in accordance with EU 748/2012, Part 21.A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
<b>Design Approval Holder's Name:</b> DASSAULT AVIATION	<b>Type/Model designation(s):</b> Falcon 10 aeroplanes
TCDS Number : EASA.A.173	
Foreign AD : Not Applicable	
Supersedure : This AD supersedes EASA AD 2005-0020 dated 29 June 2005 and EASA AD 2006-0114 dated 10 May 2006.	
<b>ATA 30</b>	<b>Ice and Rain Protection – Wing Anti-Ice Hose – Replacement</b>
<b>Manufacturer(s):</b>	Dassault Aviation (formerly Avions Marcel Dassault-Bréguet Aviation)
<b>Applicability:</b>	Falcon 10 aeroplanes, all serial numbers.
<b>Reason:</b>	<p>Occurrences were reported involving an in-service Falcon 10 aeroplane, where wing anti-ice hoses collapsed. The subsequent investigation revealed that the flexible hose, Part Number (P/N) FAL1005, collapsed because of an internal ply separation.</p> <p>This condition, if not corrected, could lead to failure of the ice-protection system to remove ice accretion on the wing, possibly resulting in reduced control of the aeroplane.</p> <p>To address this potential unsafe condition, EASA issued AD 2005-0020 and AD 2006-0114, respectively imposing flight limitations and requiring replacement of the flexible hoses P/N FAL1005 with improved hoses P/N FAL1007.</p> <p>Since those ADs were issued, further occurrences were reported concerning aeroplanes equipped with improved hoses, which led to the conclusion that the life limit of the flexible hose P/N FAL1007 must be reduced.</p> <p>For the reasons described above, this AD retains the requirements of EASA AD 2006-0114, which is superseded; supersedes EASA AD 2005-0020; requires replacement of flexible hoses having P/N FAL1000, P/N FAL1001, P/N FAL1005 or P/N FAL1005D, and reduces the life limit of the flexible hoses P/N FAL1007.</p>

Effective Date:	21 May 2014
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Requirements of EASA AD 2006-0114:</p> <ol style="list-style-type: none"> <li>(1) Within 330 Flight Hours (FH) or 7 months, whichever occurs first after 24 May 2006 [the effective date of EASA AD 2006-0114], replace each flexible hose P/N FAL1005 with a flexible hose P/N FAL1007 in accordance with the instructions of Dassault Aviation Service Bulletin (SB) F10-313 revision 1.</li> </ol> <p>New requirements of this AD:</p> <ol style="list-style-type: none"> <li>(2) Within 65 days after the effective date of this AD, replace each flexible hose having P/N FAL1000 or P/N FAL1001 or P/N FAL1005D with a flexible hose P/N FAL 1007 in accordance with the instructions of Dassault Aviation Falcon 10 Maintenance Procedure (MP) 30-10-03.</li> <li>(3) Before the accumulation of 350 FH by each flexible hose P/N FAL1007 since first installation on an aeroplane, or within 200 FH after the effective date of this AD, whichever occurs later, but without exceeding 700 FH accumulated by the flexible hose P/N FAL1007, and, thereafter, at intervals not to exceed 350 FH, replace each flexible hose P/N FAL1007 with a serviceable flexible hose in accordance with the instructions of Dassault Aviation Falcon 10 MP 30-10-03.</li> </ol> <p>Note: For the purpose of this AD, a serviceable flexible hose is a part having P/N FAL1007 that has accumulated 350 FH or less since first installation on an aeroplane.</p> <ol style="list-style-type: none"> <li>(4) After modification of an aeroplane as required by paragraph (1) or (2) of this AD, only wing anti-ice flexible hose P/N FAL 1007 is eligible for installation on an aeroplane and it must be replaced as required by paragraph (3) of this AD.</li> </ol>
Ref. Publications:	<p>Dassault Aviation SB F10-313 revision 1, dated 10 May 2006.</p> <p>Dassault Aviation Falcon 10 MP 30-10-03.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. This AD was posted on 16 January 2014 as PAD 14-011 for consultation until 13 February 2014, and republished on 03 April 2014 as PAD 14-011R1 for additional consultation until 17 April 2014. No comments were received during the consultation periods.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact your Dassault Falcon Technical Assistance: <ul style="list-style-type: none"> <li>• For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 37 37</li> <li>• For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266)</li> <li>• All other areas: Help Desk: (1) 201 541 4747</li> </ul> </li> </ol>