EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2014-0116 **Date: 13 May 2014** 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.

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].

Design Approval Holder's Name:	**Type/Model designation(s):**
DASSAULT AVIATION	Falcon 7X aeroplanes

TCDS Number :	EASA.A.155
Foreign AD :	Not Applicable
Supersedure :	None

ATA 28	**Fuel – Fuel Box – Inspection / Repair**
Manufacturer(s):	DASSAULT AVIATION
Applicability:	Falcon 7X aeroplanes, Serial Numbers (SN) 1 to 140 inclusive, SN 142 to 156 inclusive, SN 158 to 176 inclusive, SN 178 to 181 inclusive, and SN 183, 184, 187, 188, 190, 194 and 200.
Reason:	During the fuel system pressurization of a production line Falcon 7X aeroplane, a fuel leak occurred in the baggage compartment. The technical investigations concluded that a double failure of a connector (or coupling) on a fuel line, in combination with a defective fuel tightness of the corresponding enclosure (fuel box), caused the leak. Failure of the second barrier (fuel box) is a dormant failure, as this will only manifest itself in case of connector (or fuel pipe coupling) failure in flight. This condition, if not corrected, could result in a fire in the baggage compartment, which would affect the aeroplane safe flight. To address this potential unsafe condition, Dassault Aviation issued Service Bulletin (SB) F7X-284, which provides instructions to restore the sealing of the Left Hand (LH) and Right Hand (RH) fuel boxes. For the reasons described above, this AD requires opening of the fuel boxes and restoration of the sealing of the fuel boxes to meet the initial design specifications.
Effective Date:	27 May 2014

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Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 98 months after the effective date of this AD, open the LH and RH fuel boxes and accomplish all applicable actions as specified in, and in accordance with the instructions of Dassault Aviation SB F7X-284 Revision 1.
Ref. Publications:	Dassault Aviation SB F7X-284 Revision 1 dated 15 April 2014. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 13 March 2014 as PAD 14-050 for consultation until 10 April 2014, and republished on 23 April 2014 as PAD 14-050R1 for additional consultation until 07 May 2014. No comments were received during the consultation periods. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive 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 Technical Center: • For Europe, Middle East and Africa based operators: (+33) 1 47 11 37 37 • For USA, Canada and Mexico based operators: (+1) 800-2FALCON (2325266) • All other areas: (+1) 201 541 4747

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