EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2010-0029R1 **Date: 25 November 2010** 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 EC 1702/2003, Part 21A.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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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].

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

TCDS Number:	EASA.A.155
Foreign AD:	Not Applicable
Revision:	This AD revises EASA AD 2010-0029 dated 01 March 2010.

ATA 24 & 29	**Electrical Power & Hydraulic Power – Electrical Wirings & Hydraulic Lines Routing – Modification(s)**
Manufacturer(s):	DASSAULT AVIATION
Applicability:	Falcon 7X aeroplanes serial numbers 2 to 22 inclusive, 24 to 26 inclusive, 29, 30, 32 and all other serial numbers except those on which modifications M964, M937, M976, M1007 or M1036, M1020 or M1037 and M1022 have all been implemented.
Reason:	On some Falcon 7X aeroplanes, it has been determined potential low clearance between electrical wiring or hydraulic pipe and nearby structure. Although no in service incident has been reported, there is no certainty that the minimum clearances would be maintained over time. In the worst case, interference or contact with structure might occur and lead to electrical short circuits or fluid leakage, potentially resulting in loss of several functions essential for safe flight. Dassault Aviation has developed two Service Bulletins (SB) that provide corrective actions to ensure the minimum required clearance, as well as adequate protection between hydraulic pipe (SB n°0 92) and electrical wiring (SB n°006) and the aeroplane structure. This AD requires the implementation of both SBs on the affected aeroplanes. Since issuance of EASA AD 2010-0029, Dassault Aviation has developed modifications M1036 and M1037. M1036 is equivalent to M1007 while M1037 is equivalent to M1020. These modifications are embodied during production on new aeroplanes.

	This AD has been revised to exclude from the AD applicability the aeroplanes on which those modifications are embodied.
Effective Date:	Revision 1: 09 December 2010. Original issue: 15 March 2010.
Required action(s) and Compliance Time(s):	Required as indicated unless previously accomplished: (1) Within 10 months or 650 flight hours (FH) after 15 March 2010 [the effective date of the original issue of this AD] , whichever occurs first, inspect the concerned wirings for condition and modify the aeroplane, in accordance with the instructions of Dassault Aviation SB F7X n°006; (2) Within 10 months or 650 FH after 15 March 2010 [the effective date of the original issue of this AD], whichever occurs first, inspect the rear fuel tank panel for condition and modify the aeroplane, in accordance with the instructions of Dassault Aviation SB F7X n°092.
Ref. Publications:	Dassault Aviation Service Bulletin SB F7X n°006, initial issue, Dassault Aviation Service Bulletin SB F7X n°092, i nitial issue. The use of later approved revisions of these documents 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. The original issue of this AD was posted on 21 January 2010 as PAD 10-006 for consultation until 18 February 2010. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact your Dassault Falcon Technical Assistance: - For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 37 37 / 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.