EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2013-0162 **Date: 24 July 2013** 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].

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

TCDS Number :	EASA.A.062
Foreign AD :	Not applicable
Supersedure :	None

ATA 32	**Main Landing Gear – Pintle Pin – Replacement**
Manufacturer(s):	DASSAULT AVIATION
Applicability:	Falcon 7X aeroplanes, all manufacturer serial numbers.
Reason:	Messier-Bugatti-Dowty, the manufacturer of the landing gears of the Falcon 7X aeroplanes, has advised that pintle pins Part Number (P/N) 55-2355007-01 being installed on a certain number of aeroplanes may be incorrectly protected against corrosion. These pins are designed to shear in case of excessive loads on the main landing gears so that structural damage would be contained after a landing gear collapse. The cadmium-coating inside the bore of suspect pins may not be compliant to the original thickness specifications. Inspection of a few removed parts in service revealed that traces of limited corrosion can be found on an unstressed area of the pins. Messier-Bugatti-Dowty identified a list of potentially affected pintle pins and subsequently, Dassault Aviation identified on which aeroplanes those pintle pins were installed. This condition, if not corrected, may lead to corrosion of the pins and ultimately cause them to shear under normal load. This could result in landing gear collapse during take-off or landing. To address this condition, Dassault Aviation, with the support of Messier-Bugatti-Dowty, developed Service Bulletin (SB) F7X-182 to provide instructions for removal of potentially affected pintle pins and replacement with serviceable parts. For the reasons described above, this AD requires replacement of pintle pins on affected airplanes. This AD also prohibits installation of a potentially affected part on an aeroplane.

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Effective Date:	30 July 2013
Required Action(s) and Compliance Time(s):	Required as indicated, unless previously accomplished: (1) Within 2 months after the effective date of this AD, for aeroplanes as listed in Table 1 of this AD, replace the pintle pins P/N 55-2355007-01 on LH and RH main landing gears with serviceable parts in accordance with the accomplishment instructions of Dassault Aviation SB F7X-182 revision 3. Table 1 - Affected aeroplanes S/N From 4 to 6 inclusive, 9, 12, 19, from 21 to 25 inclusive, 29, 32, 33, 37, from 39 to 42 inclusive, 45, from 49 to 53 inclusive, 55, 56, 62, 63, 65, from 67 to 69 inclusive, 81, 82, 84 and 120 (2) From the effective date of this AD, do not install on an aeroplane any pintle pin P/N 55-2355007-01 with S/N as listed in Appendix 1 of this AD.
Ref. Publications:	Dassault Aviation SB F7X-182 revision 3 dated 26 February 2013. 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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 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 Assistance: • For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 37 37 • For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266) • All other areas: Help Desk: (1) 201 541 4747

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Appendix 1 - Pintle Pin P/N 55-2355007-01, S/N

EXC-0001
EXC-0003
EXC-0008
EXC-0009
EXC-0010
EXC-0015
EXC-0017
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EXC-0029
EXC-0030
EXC-0031
EXC-0033
EXC-0037
EXC-0038
EXC-0040
EXC-0041
EXC-0043
EXC-0044
EXC-0045
EXC-0046
EXC-0047

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EXC-0063
EXC-0064
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EXC-0067
EXC-0069
EXC-0072
EXC-0074
EXC-0075
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EXC-0099

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EXC-0115
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EXC-0198

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