

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2015-0095</p> <p>Date: 29 May 2015</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>
<p>This AD is issued in accordance with EU 748/2012, Part 21.A.3B. In accordance with EU 1321/2014 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 [EU 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
Design Approval Holder's Name: DASSAULT AVIATION	Type/Model designation(s): Falcon 7X aeroplanes
TCDS Number:	EASA.A.155
Foreign AD:	Not applicable
Supersedure:	This AD supersedes EASA AD 2009-0254 dated 01 December 2009 and EASA AD 2010-0033 dated 03 March 2010.
ATA 05	Time Limits / Maintenance Checks – Maintenance Requirements / Airworthiness Limitations – Implementation
Manufacturer(s):	Dassault Aviation
Applicability:	Falcon 7X aeroplanes, all serial numbers.
Reason:	<p>The airworthiness limitations and maintenance requirements for the Falcon 7X type design are included in Dassault Aviation Falcon 7X Aircraft Maintenance Manual (AMM) chapter 5-40 and are approved by EASA. To ensure accomplishment of the maintenance tasks, and implementation of the airworthiness limitations, as specified in Dassault Aviation Falcon 7X AMM chapter 5-40 original issue, including temporary revision (TR) TR-01, EASA issued AD 2008-0221.</p> <p>Since that AD was issued, Dassault Aviation issued revision 4 of the Falcon 7X AMM chapter 5-40, which introduces new and more restrictive maintenance requirements and/or airworthiness limitations.</p> <p>Dassault Aviation AMM chapter 5-40 revision 4 contains, among others, the following changes:</p> <ul style="list-style-type: none"> - Fatigue and Damage tolerance airworthiness limitations, - Miscellaneous Certification Maintenance Requirements and Airworthiness Limitation Items, - Periodic restoration of the DC generators (this action was required by EASA AD 2009-0254), - Functional test of the Ram Air Turbine heater (this action was required by EASA AD 2010-0033), - Special detailed fatigue inspection of fastener holes at front spar / wing lower

	<p>panel connections at RIB 26,</p> <ul style="list-style-type: none"> - Operational test of the IRS3 power supply weight-on-wheel logic, - Inspection of the interface between wheel keys and brake inboard rotor, - Operational test of the Horizontal Stabilizer Trim Actuator (HSTA) electrical motor reversion, - Operational test of the HSTA trim emergency command, - Detailed inspection of the brake heat sink. <p>The maintenance tasks and airworthiness limitations, as specified in the Falcon 7X AMM chapter 5-40, have been identified as mandatory actions for continued airworthiness of the Falcon 7X type design. Failure to accomplish the actions specified in AMM chapter 5-40 at revision 4 may result in an unsafe condition.</p> <p>For the reasons described above, this AD retains the requirements of EASA AD 2009-0254 and EASA AD 2010-0033, which are superseded, and requires accomplishment of the maintenance tasks and airworthiness limitations, as specified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4.</p>
Effective Date:	12 June 2015
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) From the effective date of this AD, accomplish all the following actions, as specified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4: <ol style="list-style-type: none"> (1.1) Replace each component before or upon reaching the applicable life limit, and (1.2) Within the thresholds and intervals, accomplish all applicable maintenance tasks. (2) If, during accomplishment of any task as required by paragraph (1) of this AD, any discrepancies are found, within the applicable compliance time specified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4, accomplish the applicable maintenance procedures for corrective actions in accordance with the approved maintenance documentation. <p>If no compliance time is identified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4, accomplish the applicable corrective actions before next flight.</p> <p>If a detected discrepancy is not identified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4, before next flight, contact Dassault Aviation for approved instructions and accomplish those instructions accordingly.</p> (3) Within 12 months after the effective date of this AD, revise the approved aircraft maintenance programme (AMP), on the basis of which the operator or the owner ensures the continuing airworthiness of each operated aeroplane, by incorporating the tasks and associated thresholds and intervals described in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4, as applicable to the aeroplane configuration. (4) For an AMP that, on the effective date of this AD, is already updated to incorporate the maintenance tasks as specified in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 3, the new and/or more restrictive tasks, as defined in Dassault Aviation Falcon 7X AMM chapter 5-40 at revision 4, must be incorporated into the AMP to comply with paragraph (3) of this AD. (5) When the AMP of an aeroplane has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures (see Note) continued accomplishment of the tasks as required by paragraphs (1) and (2) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual tasks is recorded for demonstration of AD compliance on a continued basis.

	Note: For affected Falcon 7X aeroplanes registered in Europe, complying with the approved AMP as specified in paragraph (3) of this AD is required by Commission Regulation (EU) No 1321/2014 , Part M.A.301, paragraph 3.
Ref. Publications:	<p>Dassault Aviation Falcon 7X AMM chapter 5-40 DGT 107838 revision 4, dated 02 February 2015.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 21 April 2015 as PAD 15-047 for consultation until 19 May 2015. The Comment Response Document can be found at http://ad.easa.europa.eu/. 3. Enquiries regarding this AD should be referred to the Safety Information 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 Center: <ul style="list-style-type: none"> • 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) • All other areas: (1) 201 541 4747.