


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2009- 0208</b></p> <p><b>Date: 13 October 2009</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>
<p>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].</p>	
<p><b>Type Approval Holder's Name :</b></p> <p>DASSAULT AVIATION</p>	<p><b>Type/Model designation(s) :</b></p> <p>FALCON 7X aeroplanes</p>
<p>TCDS Number : EASA.A.155</p>	
<p>Foreign AD : Not applicable</p>	
<p>Supersedure : None</p>	
<b>ATA 34</b>	<b>Navigation - Radio-altimeter Lock-up - Operational Procedure</b>
Manufacturer(s):	Dassault Aviation
Applicability:	All Falcon 7X aeroplanes, all serial numbers.
Reason:	<p>Several occurrences of untimely radio-altimeter lock-up have been reported, where the failed radio-altimeter indicated a negative distance to the ground despite the aircraft was flying at medium or high altitude.</p> <p>A locked radio-altimeter #1 leads to untimely inhibition of warnings that could be displayed along with certain abnormal conditions while the avionic system switches into landing mode during altitude cruise.</p> <p>Investigation in order to determine the root cause of radio-altimeter lock-up is in progress. In the meantime, Dassault Aviation has developed an operational procedure that in case of radio-altimeter #1 lock-up allows the crew, by de-powering radio-altimeter #1, to restore in flight the system warning performance.</p> <p>Failure to comply with this interim flight procedure may cause the crew to be unaware of possible system failures that could require urgent crew's actions.</p> <p>This AD mandates application of a new abnormal Airplane Flight Manual (AFM) procedure when radio-altimeter #1 lock-up occurs and prohibits dispatch of the aeroplane with any radio-altimeter inoperative.</p>

Effective Date:	27 October 2009
Required Action(s) and Compliance Time(s):	<p>Required as indicated after the effective date of this AD:</p> <ol style="list-style-type: none"> <li>(1) If radio-altimeter #1 lock-up conditions occur in flight, power off radio-altimeter #1, in accordance with the instructions of Falcon 7X AFM procedure 3-140-65.</li> <li>(2) Dispatch of the aeroplane with any radio-altimeter inoperative is prohibited.</li> </ol> <p>Strikethrough of item 34-10 "Radio-Altimeters (RA)" in the Minimum Equipment List (MEL) and inserting a copy of this AD for the corresponding MEL entry of each aeroplane is considered acceptable to comply with the requirement of paragraph (2) of this AD.</p>
Ref. Publications:	<p>Falcon 7X AFM DGT105608 rev. 8 including CP030 - Abnormal Procedure 3-140-65 "radar-altimeter #1 locked"</p> <p>Falcon 7X MMEL DGT 106042 rev. 4.</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. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification 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 contents 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 / Fax: (33) 1 47 11 89 49</li> <li>• For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266) / Fax: (1) 201 541 4740</li> <li>• All other areas: Help Desk: (1) 201 541 4747 / Fax: (1) 201 541 4740</li> </ul> </li> </ol>