


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<b>AD No.: 2015-0005</b>
	<b>Date: 14 January 2015</b> <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>	
<b>Design Approval Holder's Name:</b> DASSAULT AVIATION	<b>Type/Model designation(s):</b> Falcon 2000EX, Mystère-Falcon 900 and Falcon 900EX aeroplanes
TCDS Numbers: EASA.A.008 and EASA.A.062	
Foreign AD: Not applicable	
Supersedure: None	
<b>ATA</b>	<b>Airplane Flight Manual – Yaw Damper Operational Procedure – Amendment</b>
Manufacturer(s):	Dassault Aviation
Applicability:	<p>Falcon 2000EX aeroplanes, all serial numbers (s/n), except aeroplanes with Dassault Aviation production modification (mod) M3254, or modified in service by Dassault Aviation Service Bulletin (SB) F2000EX-300 ("EASy II" avionics),</p> <p>Mystère-Falcon 900 aeroplanes, all s/n,</p> <p>Falcon 900EX aeroplanes, all s/n, except aeroplanes with "EASy II" "2nd certification" avionics, which are defined as:</p> <p>modified in production with Dassault Aviation mod M5595,</p> <p>or modified in service with Dassault Aviation SB F900EX-400 at Revision 3 (or any later revision) or with Dassault Aviation SB F900EX-414 at Revision 4 (or any later revision).</p> <p>Note: Commercial versions "F2000LXS" and "F2000S" are also not affected by the requirements of this AD, as these are fitted with "EASy II" avionics.</p>
Reason:	<p>During a flight test on a development aeroplane, it was found that the yaw damper (YD) working on the take-off roll can increase the Minimum Control Speed on Ground (V<sub>mcg</sub>). A review of the certification data of the affected aeroplanes shows that V<sub>mcg</sub> values published in the Airplane Flight Manuals (AFM) have been determined without YD.</p> <p>This condition, if not corrected, could result, in case of an engine failure occurring during the roll acceleration, in reduced lateral control of the aeroplane.</p> <p>To address this condition, Dassault Aviation developed Change Proposals (CP)</p>

	<p>and Temporary Changes (TC) to the applicable AFMs, which instruct flight crews to check that yaw damper is set to “off” before take-off.</p> <p>For the reasons described above, this AD requires an amendment of the applicable AFM.</p>																					
Effective Date:	28 January 2015																					
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 30 days after the effective date of this AD, amend the applicable AFM to incorporate the normal procedures and limitations as specified in Table 1 of this AD, inform all flight crews and, thereafter, operate the aeroplane accordingly.</p> <p style="text-align: center;">Table 1 – Normal Procedures and Limitations</p> <table><tr><th>Affected Aeroplane / configuration</th><th>Applicable AFM</th><th>Applicable AFM Change</th></tr><tr><td>Falcon 2000EX</td><td>DGT 84278</td><td>CP017</td></tr><tr><td>Falcon 2000EX with Dassault Aviation production mod M1691 embodied (Falcon 2000EX “EASy” version)</td><td>DGT 88898</td><td>CP046</td></tr><tr><td>Mystère Falcon 900</td><td>DTM20103</td><td>TC118</td></tr><tr><td>Mystère Falcon 900 model with Dassault Aviation production mod M1975, or mod M2695 embodied, or modified in service by Dassault Aviation SB F900-250 (“Falcon 900 C” version)</td><td>FM900C</td><td>TC048</td></tr><tr><td>Falcon 900EX</td><td>DTM561</td><td>CP012</td></tr><tr><td>Falcon 900EX with Dassault Aviation production mod M3083 embodied (Falcon 900EX “EASy” version)</td><td>DGT84972</td><td>CP031</td></tr></table> <p>(2) Amending the applicable AFM to incorporate a later revision, which includes the AFM change as required by this AD, is acceptable to comply with the requirements of paragraph (1) of this AD.</p>	Affected Aeroplane / configuration	Applicable AFM	Applicable AFM Change	Falcon 2000EX	DGT 84278	CP017	Falcon 2000EX with Dassault Aviation production mod M1691 embodied (Falcon 2000EX “EASy” version)	DGT 88898	CP046	Mystère Falcon 900	DTM20103	TC118	Mystère Falcon 900 model with Dassault Aviation production mod M1975, or mod M2695 embodied, or modified in service by Dassault Aviation SB F900-250 (“Falcon 900 C” version)	FM900C	TC048	Falcon 900EX	DTM561	CP012	Falcon 900EX with Dassault Aviation production mod M3083 embodied (Falcon 900EX “EASy” version)	DGT84972	CP031
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Ref. Publications:	<p>Dassault Aviation Falcon 2000EX, AFM (DGT84278) CP017.</p> <p>Dassault Aviation Falcon 2000EX EASy version, AFM (DGT88898) CP046.</p> <p>Dassault Aviation Mystère Falcon 900 AFM, (DTM20103) TC118.</p> <p>Dassault Aviation Mystère Falcon 900 F900C version, AFM (FM900C), TC048.</p> <p>Dassault Aviation Falcon 900EX, AFM (DTM561) CP012.</p> <p>Dassault Aviation Falcon 900EX EASy version, AFM (DGT84972), CP031.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p> <p>A copy of these documents is available in the zip file attached to the record of this AD.</p>																					
Remarks:	<p>1. If requested and appropriately substantiated, EASA can approve</p>																					

	<p>Alternative Methods of Compliance for this AD.</p> <ol style="list-style-type: none"><li>2. This AD was posted on 20 November 2014 as PAD 14-167 for consultation until 18 December 2014. The Comment Response Document can be found at <a href="http://ad.easa.europa.eu">http://ad.easa.europa.eu</a>.</li><li>3. Enquiries regarding this AD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li><li>4. For any questions concerning the technical content of the requirements in this AD, please contact your <b>Dassault Falcon Technical Centre</b>:<ul style="list-style-type: none"><li>• For Europe, Middle East and Africa based operators: (33) 1 47 11 37 37 / Fax: (33) 1 47 11 89 49</li><li>• For USA, Canada and Mexico based operators: (1) 800-2FALCON (2325266) / Fax: (1) 201 541 4740</li><li>• All other areas: (1) 201 541 4747 / Fax: (1) 201 541 4740.</li></ul></li></ol>
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