


<b>EASA</b>	<b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>	
	<b>PAD No.: 13-186</b>  <b>Date: 19 December 2013</b>  Note: This Proposed Airworthiness Directive (PAD) 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.	
In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.		
<b>Design Approval Holder's Name :</b> DASSAULT AVIATION		<b>Type/Model designation(s) :</b> Mystère-Falcon 50 aeroplanes
TCDS Numbers: EASA.A.062		
Foreign AD: Not applicable		
Supersedure: None		
<b>ATA 24</b>	<b>Electrical Power – Protective Plates – Inspection / Modification</b>	
Manufacturer(s):	Dassault Aviation (formerly Avions Marcel Dassault-Bréguet Aviation)	
Applicability:	Mystère-Falcon 50 aeroplanes, serial numbers 5, 7, 27, 30, 34, 36, 78, 132 and 251 through 352 inclusive; and Mystère-Falcon 50 aeroplanes, serial numbers 2 through 250 inclusive, if fitted with Honeywell (formerly Allied Signal, Garrett AiResearch) TFE731-40-1C engines modified by Dassault Aviation Service Bulletin (SB) F50-280.	
Reason:	<p>One operator experienced an untimely and intermittent indication of slat activity on his aeroplane. The results of the subsequent investigation revealed that electrical wiring under the glare shield and behind the flight deck front panel was chafing with hardware and was short-circuited to ground. This situation may have resulted from an incorrect installation of the wiring during a previous maintenance action in the area. A design review identified a lack of protection of the affected electrical wiring bundle, which would have prevented damage caused by chafing with aeroplane structural parts.</p> <p>This condition, if not corrected, might lead to an electrical short circuit and generation of smoke, possibly affecting operation of systems and resulting in reduced control of the aeroplane.</p> <p>To address this potential unsafe condition, Dassault Aviation issued SB F50-530, providing instructions for installation of a protective plate on the electrical wiring.</p> <p>For the reasons described above, this AD requires modification of the aeroplane by installing a protective plate on the electrical wiring.</p>	

Effective Date:	[TBD: 14 days after final AD issue date]
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 74 months after the effective date of this AD, install a protective plate on the electrical wiring under the glareshield in accordance with the instructions of Dassault Aviation SB F50-530.
Ref. Publications:	Dassault Aviation SB F50-530, original issue dated 12 November 2013. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	<ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 16 January 2014.</li> <li>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>3. For any question concerning the technical content of the requirements in this PAD, 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>