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| EASA | AIRWORTHINESS DIRECTIVE |
|  | <p>AD No.: 2014-0024</p> <p>Date: 23 January 2014</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 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].</p> | |
| <p>Design Approval Holder's Name : DASSAULT AVIATION</p> | <p>Type/Model designation(s) : Mystère-Falcon 50 aeroplanes</p> |
| <p>TCDS Numbers: EASA.A.062</p> | |
| <p>Foreign AD: Not applicable</p> | |
| <p>Supersedure: None</p> | |
| ATA 24 | Electrical Power – Protective Plates – Inspection / Modification |
| <p>Manufacturer(s): Dassault Aviation (formerly Avions Marcel Dassault-Bréguet Aviation)</p> | |
| <p>Applicability:</p> | <p>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.</p> |
| <p>Reason:</p> | <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> |

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| Effective Date: | 06 February 2014 |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <p>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.</p> |
| Ref. Publications: | <p>Dassault Aviation SB F50-530, original issue dated 12 November 2013.</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 19 December 2013 as PAD 13-186 for consultation until 16 January 2014. No comments were received during the consultation period. 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 question concerning the technical content of the requirements in this AD, please contact your Dassault Falcon Technical Assistance: <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) / Fax: (1) 201 541 4740. • All other areas: Help Desk: (1) 201 541 4747 / Fax: (1) 201 541 4740. |