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| <b>EASA</b>  | <b>AIRWORTHINESS DIRECTIVE</b>  |
|   | <p><b>AD No.: 2015-0007</b></p> <p><b>Date: 15 January 2015</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 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> |   |
| <p><b>Design Approval Holder's Name :</b></p> <p>DASSAULT AVIATION</p>   | <p><b>Type/Model designation(s) :</b></p> <p>Fan Jet Falcon, Mystère-Falcon 200, Mystère-Falcon 20-(x)5 and Mystère-Falcon 50 aeroplanes</p>  |
| <p>TCDS Numbers: France No. 103 (incl. bis and ter) and EASA.A.062</p>   |   |
| <p>Foreign AD : Not applicable</p>   |   |
| <p>Supersedure : None</p>  |   |
| <b>ATA 52</b>  | <b>Doors – Crew / Passenger Door – Inspection / Adjustment / Operational Test</b>   |
| Manufacturer(s):   | Dassault Aviation   |
| Applicability:   | <p>Fan Jet Falcon (FJF) aeroplanes, all models, all serial numbers (S/N).</p> <p>Mystère-Falcon (MF) 200 and MF20GF aeroplanes, all S/N.</p> <p>MF20-C5, -D5, -E5 and -F5 aeroplanes, all S/N.</p> <p>MF50 aeroplanes, all S/N.</p>   |
| Reason:  | <p>During approach for landing, a Mystère-Falcon 20-X5 lost the main entrance door at an altitude of 7 000 feet. The flight crew maintained control of the aeroplane to land uneventfully. The results of the preliminary technical investigations concluded that the cause of this event could be either a broken cable, or an unlocked safety catch, associated with one or two deficient micro switches.</p> <p>This condition, if not detected and corrected, could lead to in-flight opening and/or detachment of the Crew / Passenger door, possibly resulting in loss of control of the aeroplane, and/or injury to persons on the ground.</p> <p>To address this potential unsafe condition, Dassault Aviation issued Service Bulletins (SB) F20-789, F200-133 and MF50-531, providing instructions for inspection / adjustment, as well as an operational test of the Crew / Passenger door closure.</p> <p>For the reasons described above, this AD requires a one-time accomplishment of a functional test/check of the MED closure/warning system. It also requires an inspection and operational test of the Crew / Passenger door and, depending on</p> |

|  | findings, applicable corrective actions.  |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
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| Effective Date:                            | 29 January 2015   |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 65 days after the effective date of this AD, unless accomplished within 6 months preceding the effective date of this AD, accomplish the maintenance procedure (MP) described in Table 1 of this AD, as applicable. The instructions as contained in the applicable Aircraft Maintenance Manual (AMM) task, or Work Card (WC), as referenced in Table 1 of this AD, as applicable, are acceptable to accomplish this MP. Before next flight after accomplishment of the MP, depending on findings, accomplish the applicable corrective actions.</p> <p style="text-align: center;">Table 1</p> <table><tr><th>Aeroplane(s)</th><th>MP Description</th><th>Document Ref.</th></tr><tr><td>FJF and MF20 (all models)</td><td>Passenger/Crew Door Warning System Functional Test</td><td>AMM task 52-70-1 page block 301</td></tr><tr><td>MF200</td><td>Door Locking Indicator System Check</td><td>WC 702.0 §1e</td></tr><tr><td>MF50</td><td>Door Lock Indication Check</td><td>AMM task 52-10-00-610-801-05</td></tr></table> <p>(2) Within 330 flight hours or 13 months, whichever occurs first after the effective date of this AD, accomplish an inspection / adjustment / operational test of the Crew / Passenger door, and depending on findings, accomplish the applicable corrective actions in accordance with the instructions of the applicable Dassault Aviation SB, as specified in Table 2 of this AD, as applicable.</p> <p style="text-align: center;">Table 2</p> <table><tr><th>Aeroplane Type</th><th>Applicable Dassault SB</th></tr><tr><td>FJF and MF20 (all models)</td><td>F20-789</td></tr><tr><td>MF200</td><td>F200-133</td></tr><tr><td>MF50</td><td>MF50-531</td></tr></table> | Aeroplane(s)                    | MP Description | Document Ref. | FJF and MF20 (all models) | Passenger/Crew Door Warning System Functional Test | AMM task 52-70-1 page block 301 | MF200 | Door Locking Indicator System Check | WC 702.0 §1e | MF50 | Door Lock Indication Check | AMM task 52-10-00-610-801-05 | Aeroplane Type | Applicable Dassault SB | FJF and MF20 (all models) | F20-789 | MF200 | F200-133 | MF50 | MF50-531 |
| Aeroplane(s)                               | MP Description  | Document Ref.                   |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| FJF and MF20 (all models)                  | Passenger/Crew Door Warning System Functional Test  | AMM task 52-70-1 page block 301 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| MF200                                      | Door Locking Indicator System Check   | WC 702.0 §1e                    |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| MF50                                       | Door Lock Indication Check  | AMM task 52-10-00-610-801-05    |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| Aeroplane Type                             | Applicable Dassault SB  |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| FJF and MF20 (all models)                  | F20-789   |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| MF200                                      | F200-133  |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| MF50                                       | MF50-531  |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| Ref. Publications:                         | <p>Dassault Aviation SB F20-789 dated 09 December 2014.</p> <p>Dassault Aviation SB F200-133 dated 09 December 2014.</p> <p>Dassault Aviation SB MF50-531 dated 09 December 2014.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p> <p>Dassault-Aviation AMM F20: DMD 11752.</p> <p>Dassault-Aviation AMM F20-(x)5: DMD 45007.</p> <p>Dassault-Aviation AMM MF200: DMD 29214-3.</p> <p>Dassault-Aviation AMM MF50: DMD 11762.</p>  |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |
| Remarks :                                  | <p>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</p> <p>2. This AD was posted on 16 December 2014 as PAD 14-173 for consultation</p>   |                                 |                |               |                           |  |                                 |       |                                     |              |      |                            |                              |                |                        |                           |         |       |          |      |          |

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|  | <p>until 30 December 2014. No comments were received during the consultation period.</p> <p>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>.</p> <p>4. For any question concerning the technical content of the requirements in this AD, please contact your <b>Dassault Falcon Technical Center</b>:</p> <ul style="list-style-type: none"><li>• For Europe, Middle East and Africa based operators:<br/>(33) 1 47 11 37 37 / Fax: (33) 1 47 11 89 49</li><li>• For USA, Canada and Mexico based operators:<br/>(1) 800-2FALCON (2325266) / Fax: (1) 201 541 4740</li><li>• All other areas:<br/>(1) 201 541 4747 / Fax: (1) 201 541 4740</li></ul> |
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