



Notification of a proposal to issue an Airworthiness Directive

PAD No.: 16-033

Issued: 29 February 2016

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, 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 date indicated.

Design Approval Holder's Name:

DASSAULT AVIATION

Type/Model designation(s):

Mystère-Falcon 50 aeroplanes

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): EASA.A.062

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2011-0246 dated 22 December 2011.

ATA 05 – Time Limits / Maintenance Checks – Maintenance Requirements / Airworthiness Limitations – Implementation

Manufacturer(s):

Dassault Aviation (DA)

Applicability:

Mystère-Falcon 50 aeroplanes, all manufacturer serial numbers.

Reason:

The airworthiness limitations and maintenance requirements for the Mystère Falcon 50 type design are included in DA Mystère Falcon 50 Aircraft Maintenance Manual (AMM) chapter 5-40 and are approved by EASA.

Failure to implement these limitations or accomplish these tasks could result in an unsafe condition. Consequently, compliance with these actions has been identified as mandatory for continued airworthiness.

Consequently, EASA issued AD 2011-0246 to require accomplishment of the maintenance tasks, and implementation of the airworthiness limitations, as specified in DA Mystère Falcon 50 AMM chapter 5-40 Revision 21.



Since that AD was issued, DA issued revision 23 of the Mystere Falcon 50 AMM chapter 5-40 (hereafter referred to as 'the ALS' in this AD), which introduces new and more restrictive maintenance requirements and/or airworthiness limitations.

The ALS introduces, among others, the following changes:

- Addition of more detailed data regarding SSIP program,
- Task 53-50-35-220-802 "Detailed inspection of the frame 35 upper and lower sections", replacing Task 53-50-35-220-801,
- Task 55-00-00-270-801 "Ultrasonic inspection for stress corrosion in stabilizer hinges", replacing Task 55-00-00-250-801, and
- Task 78-31-00-250-802 "Special detailed inspection (fluorescent penetrant) of thrust reverser door hinge fittings", replacing Task 78-31-00-250-801.

For the reasons described above, this AD, retains the requirements of EASA AD 2011-0246, which is superseded, and requires the implementation of the maintenance tasks and airworthiness limitations, as specified in the ALS.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

- (1) From the effective date of this AD, accomplish the following actions as specified in the ALS, as applicable to aeroplane configuration:
 - (1.1) Replace each component before exceeding the applicable life limit, and
 - (1.2) Within the thresholds and intervals (see Note 1 of this AD), accomplish all maintenance tasks.

Note 1: For the purpose of this AD, the thresholds and intervals as defined in the ALS include 'special' compliance times for certain tasks.

- (2) **Corrective Action(s):** In case of finding discrepancies (as defined in the ALS) during accomplishment of any task as required by paragraph (1) of this AD, within the applicable compliance time as specified in the ALS (or in the referenced Airbus maintenance documentation), accomplish the applicable maintenance procedures for corrective action(s) in accordance with instructions specified (or incorporated by reference) in the applicable DA maintenance documentation.
 If no compliance time is identified in the ALS, nor in the DA maintenance documentation, before next flight, accomplish the corrective action(s), or contact DA for approved instructions and, within the compliance time specified in those instructions, accomplish those instructions accordingly.
 If a detected discrepancy is not identified in the ALS, nor in the DA maintenance documentation, before next flight, contact DA for approved instructions and accomplish those instructions accordingly.
- (3) **Aircraft Maintenance Programme (AMP) Revision:** Within 12 months after the effective date of this AD, revise the approved aircraft maintenance programme (AMP), on the basis of which



the operator or the owner ensures the continuing airworthiness of each operated aeroplane, by incorporating the tasks and associated thresholds and intervals described in the ALS, as applicable to the aeroplane configuration.

- (4) **Credit:** For an AMP that, on the effective date of this AD, is already updated to incorporate the maintenance tasks as specified in Mystere Falcon 50 AMM chapter 5-40 Revision 22, that action ensures (see Note 2 of this AD) the continued accomplishment of those tasks. Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive tasks, as defined in the ALS, to comply with paragraph (1) of this AD.
For that AMP, it is acceptable to incorporate the new and more restrictive tasks, as defined in the ALS, into the AMP to comply with paragraph (3) of this AD.
- (5) When the AMP of an aeroplane has been revised as required by paragraph (3) or (4) of this AD, as applicable, that action ensures (see Note 2 of this AD) continued accomplishment of the tasks as required by paragraphs (1) and (2) of this AD for that aeroplane. Consequently, after revising the AMP, as required by paragraph (3) or (4) of this AD, as applicable, it is not necessary that accomplishment of individual tasks is recorded for demonstration of AD compliance on a continued basis.

Note 2: For affected Mystère-Falcon 50 aeroplanes registered in Europe, complying with the approved AMP as specified in paragraph (3) of this AD is required by Commission Regulation (EU) No [1321/2014](#), Part M.A.301, paragraph 3.

Ref. Publications:

Dassault Aviation Mystère Falcon 50 AMM chapter 5-40 DGT 113872 Revision 23 dated July 2015.

The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 28 March 2016.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of the requirements in this PAD, please contact your Dassault Falcon Technical Assistance:
 - For Europe, Middle East and Africa based operators:
Hot Line: (33) 1 47 11 37 37
 - For USA, Canada and Mexico based operators:
Help Desk: (1) 800-2FALCON (2325266)
 - All other areas:
Help Desk: (1) 201 541 4747

