



Notification of a proposal to issue an Airworthiness Directive

PAD No.: 16-047

Issued: 04 April 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):

Fan Jet Falcon and Mystère-Falcon 20 aeroplanes

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

TCDS Number(s): DGAC France N° 103 and 103bis

Foreign AD: Not applicable

Supersedure: None

ATA 53 – Fuselage – Bulkhead at Frame 33 – Inspection

Manufacturer(s):

Dassault Aviation (DA)

Applicability:

Fan Jet Falcon aeroplanes, all models, all manufacturer serial numbers (MSN), and Mystère-Falcon 20-(x)5 aeroplanes, all models, all MSN.

Reason:

A detailed inspection (DET) of the fuselage bulkhead at frame (FR) 33 is established through a subset of inspection/check maintenance procedure referenced in the applicable aircraft maintenance manual (AMM), task 53-10-0-6 "MAIN FRAME – INSPECTION / CHECK", with periodicity established in Chapter 5-10, at every C-Check. Failure to accomplish this DET could lead to deterioration of the affected structure.

This condition, if not detected and corrected, could lead to bulkhead failure, possibly resulting in a rapid depressurization of the aeroplane and consequent injury to occupants.



For the reasons described above, this AD requires repetitive DET of the bulkhead at FR33, and depending on findings, repair of the affected structure.

It is expected that this task will be incorporated into the ALS (Chapter 5-40) at the next revision.

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

Required as indicated, unless accomplished previously:

- (1) Before exceeding 5 000 flight cycles (FC) since aeroplane first flight, or within 500 FC after the effective date of this AD, whichever occurs later, and, thereafter, at intervals not to exceed 5 000 FC, accomplish a DET of fuselage bulkhead at FR33. Accomplishment of this DET in accordance with the instructions of the applicable AMM, task 53-10-0 (page 604), is an acceptable method.
- (2) If, during the DET as required by paragraph (1) of this AD, any discrepancy is detected, before next flight, contact DA for approved repair instructions and accomplish those instructions accordingly.
- (3) Accomplishment of a repair on an aeroplane as required by paragraph (2) of this AD does not constitute terminating action for the DET as required by paragraph (1) of this AD for that aeroplane, unless specified otherwise.

Ref. Publications:

Dassault Aviation Fan Jet Falcon AMM DMD 11752 at Revision 52 dated October 2013, task MM 53-10-0, page 604.

Dassault Aviation Mystère-Falcon 20-(X)5 AMM DMD 45007 at Revision 28 dated October 2013, task MM 53-10-0, page 604.

Remarks:

1. This Proposed AD will be closed for consultation on 02 May 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

