



Airworthiness Directive

AD No.: 2016-0096

Issued: 19 May 2016

Note: This Airworthiness Directive (AD) 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.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (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 [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

DASSAULT AVIATION

Type/Model designation(s):

Fan Jet Falcon and Mystère-Falcon 20 aeroplanes

Effective Date: 02 June 2016

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

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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 04 April 2016 as PAD 16-047 for consultation until 02 May 2016. No comments were received during the consultation period.
3. Enquiries regarding this AD 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 AD, 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

