

Airworthiness Directive

AD No.: 2023-0062

Issued: 20 March 2023

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 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, or Annex Vb Part ML.A.301, as applicable, 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 Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

DASSAULT AVIATION

Type/Model designation(s):

Mystère-Falcon 20-()5 series aeroplanes

Effective Date: 03 April 2023

TCDS Number(s): France N° 103(ter)

Foreign AD: Not applicable

Supersedure: This AD supersedes EASA AD 2019-0201 dated 20 August 2019.

ATA 05 – Time Limits / Maintenance Checks – Airworthiness Limitations Section Chapter 5-40 – Amendment

Manufacturer(s):

Dassault Aviation (Dassault), formerly Avions Marcel Dassault – Breguet Aviation

Applicability:

Mystère-Falcon 20-()5 series aeroplanes, all certified models, all serial numbers, on which the Dassault Mystère-Falcon 20 Supplemental Structural Inspection Program (SSIP) has been embodied through Dassault Mystère-Falcon 20 Service Bulletin (SB) 730 into the Aircraft Maintenance Programme (AMP).

Definitions:

For the purpose of this AD, the following definitions apply:

The SSIP: Dassault Mystère-Falcon 20 SSIP, as specified in Dassault Service Bulletin (SB) 730.

The ALS: Dassault Mystère-Falcon 20 Aircraft Maintenance Manual (AMM) Airworthiness Limitations Section (ALS) Chapter 5-40 (DMD 45184) Revision 11, specifically for post-SB 730 aeroplanes.

The AMP: The AMP contains the tasks on the basis of which the scheduled maintenance is conducted to ensure the continuing airworthiness of each operated aircraft. For aircraft operated under EU regulations, the operator or the owner ensures compliance with the AMP as stipulated in Commission Regulation (EU) [1321/2014](#).

New and/or more restrictive tasks and limitations: This includes all tasks and limitations that are new and all tasks and limitations for which a threshold or interval was reduced, which were introduced into the ALS (as defined in this AD) since the previous ALS revision that is currently incorporated in the AMP.

Reason:

In June 1988, the Federal Aviation Administration sponsored a conference on ageing aircraft, during which the decision was taken to identify and to set up procedures to ensure continued structural integrity on those aircraft. Prompted by these actions, Dassault developed the SSIP, aiming to guarantee the airworthiness of Mystère-Falcon 20 aeroplanes which reach and exceed half of their Limit of Validity.

The airworthiness limitations for affected Mystère-Falcon 20 aeroplanes, which are approved by EASA, are currently defined and published in Dassault Mystère-Falcon 20 AMM ALS, Chapter 5-40. These instructions have been identified as mandatory for continued airworthiness.

Failure to accomplish these instructions could result in an unsafe condition.

EASA previously issued AD 2019-0201, requiring actions described in Dassault Mystère-Falcon 20 AMM ALS, Chapter 5-40 (DMD 45184) at Revision 10.

Since that ADs were issued, Dassault published the ALS, which contains new and/or more restrictive tasks and limitations.

For the reason described above, this AD retains the requirements of EASA AD 2019-0201, which is superseded, and requires accomplishment of the actions specified in the ALS.

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

Required as indicated, unless accomplished previously:

Maintenance Tasks and Replacement of Life Limited Parts:

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

Corrective Action(s):

- (2) 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 compliance time specified in the ALS, accomplish the applicable corrective action(s) in accordance with the applicable Dassault



maintenance documentation. If no compliance time is identified in the ALS, accomplish the applicable corrective action(s) before next flight. If a detected discrepancy is not identified in the ALS, before next flight, contact Dassault for approved instructions and accomplish those instructions accordingly.

AMP Revision:

- (3) Within 12 months after the effective date of this AD, revise the approved AMP by incorporating the limitations, tasks and associated thresholds and intervals described in the ALS, as applicable to aeroplane model and depending on aeroplane configuration.

Credit:

- (4) If, before the effective date of this AD, the AMP has been revised to incorporate the maintenance tasks and life limitations as specified in Dassault Mystère-Falcon 20 AMM ALS, Chapter 5-40 (DMD 45184) at Revision 10, that action ensures the continued accomplishment of those tasks and limitations.

Consequently, for an aeroplane to which that AMP applies, it is acceptable to accomplish the new and/or more restrictive tasks and limitations as specified in the ALS, as applicable to aeroplane model and depending on aeroplane configuration, within the compliance times as specified in the ALS to comply with paragraph (1) of this AD.

For that AMP, it is acceptable to incorporate the new and/or more restrictive tasks and limitations as specified in the ALS, as applicable to aeroplane model and depending on aeroplane configuration, into the AMP to comply with paragraph (3) of this AD.

Recording AD Compliance:

- (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 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 action is recorded for demonstration of AD compliance on a continued basis.

Ref. Publications:

Dassault Mystère-Falcon 20 AMM ALS, Chapter 5-40 (DMD 45184) Revision 11 dated July 2022.

Dassault Mystère-Falcon 20 SB 730 original issue 23 February 1990, or Revision 1 dated 12 December 1990.

The use of later approved revisions of the above-mentioned documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.



2. This AD was posted on 17 February 2023 as PAD 23-025 for consultation until 17 March 2023. 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.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact Dassault Falcon Command Centre:
 - Mérignac, France: Phone +33 5 56 18 47 47 or E-mail: commandcenter@dassault-aviation.com.
 - Teterboro, NJ USA: Phone +1 201 541 47 47 or E-mail: commandcenter@dassaultfalconjet.com.

