



Airworthiness Directive

AD No.: 2023-0208

Issued: 22 November 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):

Falcon 7X aeroplanes

Effective Date: 06 December 2023

TCDS Number(s): EASA.A.155

Foreign AD: Not applicable

Supersedure: None

ATA 71 – Power Plant – Yoke Washer – Replacement

Manufacturer(s):

Dassault Aviation (Dassault)

Applicability:

Falcon 7X aeroplanes, including those on which Dassault modification M1000 has been embodied in production (commercially known as Falcon 8X), manufacturer serial numbers (MSN) 283, 284, 285, and MSN 440 thru 451 (inclusive).

Definitions:

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

The SB: Dassault Service Bulletin (SB) 7X-564.

Washer: Double countersink washers, installed on engine 1 and engine 3 forward yoke, having part number F7XC541221115A2.

Reason:

A quality review revealed that non-conforming washers may have been installed in production on engine 1 and 3 forward yokes.

This condition, if not detected and corrected, could lead to cracks in the bolts and/or the engine forward yokes, possibly resulting in loss of a lateral engine.



To address this potential unsafe condition, Dassault issued the SB to provide instructions for inspection of the washers and corrective action.

For the reason described above, this AD requires a one-time inspection and, depending on findings, corrective actions.

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

Required as indicated, unless accomplished previously:

Inspection(s):

- (1) Before exceeding 6 000 flight cycles since aeroplane first flight, inspect each washer in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during the inspection as required by paragraph (1) of this AD, any non-conforming washer, as identified in the SB, is detected, before next flight, accomplish the corrective actions, as applicable, in accordance with the instructions of the SB.

Ref. Publications:

Dassault SB 7X-564 original issue dated 20 April 2023.

The use of later approved revisions of the above-mentioned document 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 October 2023 as PAD 23-111 for consultation until 14 November 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 your 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.

