



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 23-111**

**Issued: 17 October 2023**

Note: This Proposed Airworthiness Directive (PAD) 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.

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):**

Falcon 7X aeroplanes

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

**TCDS Number(s):** EASA.A.155

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 71 – Power Plant Mounts – 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, a 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. This Proposed AD will be closed for consultation on 14 November 2023.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, 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 PAD 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.
4. For any question concerning the technical content of the requirements in this PAD, please contact your Dassault Falcon Command Centre:  
Mérignac, France: Phone +33 5 56 18 47 47 or E-mail: [commandcenter@dassault-aviation.com](mailto:commandcenter@dassault-aviation.com)  
Teterboro, NJ USA: Phone +1 201 541 47 47 or E-mail: [commandcenter@dassaultfalconjet.com](mailto:commandcenter@dassaultfalconjet.com).

