European Union Aviation Safety Agency

# Airworthiness Directive

**AD No.: 2024-0219**

**Issued: 18 November 2024**

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 2000EX aeroplanes

Effective Date: 25 November 2024
TCDS Number(s): EASA.A.008
Foreign AD: Not applicable
Supersedure: None

## ATA 34 – Navigation – VOR/LOC Antenna Coupler – Operational Limitation / Inspection

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**Manufacturer(s):**
Dassault Aviation (Dassault)

**Applicability:**
Falcon 2000EX aeroplanes, serial number (s/n) 6, 28 through 394, 396 through 412, 601 through 604, and 701 through 748.

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

**The SB**: Dassault Service Bulletin (SB) F2000EX-504.

**Operational limitation:** Prohibition to perform CAT II and prohibition to perform CAT III approaches.

**Reason:**
Occurrences of finding the VOR/LOC antenna coupler incorrectly installed have been reported.

This condition, if not detected and corrected, could lead to oscillations of the lateral deviation indication on both LOC #1 and LOC #2 during ILS approach, and to possibly inaccurate/erroneous VOR indication and associated FMS VOR/DME position updates, if used.

To address this potential unsafe condition, Dassault issued the SB to provide instructions for inspection of the VOR/LOC antenna coupler installation. It is expected that Dassault will issue an Aircraft Flight Manual (AFM) Temporary Revision, introducing the operational limitation, as defined in this AD.

For the reasons described above, this AD requires a one-time inspection of the VOR/LOC antenna coupler and, depending on findings, its removal and proper reinstallation. For aeroplanes approved to accomplish CAT II or CAT III approaches, this AD prohibits CAT II and CAT III operations until accomplishment of the inspection.

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

Required as indicated by this AD, unless the actions required by this AD have been already accomplished:

**Operational Limitation**:

(1) Within 7 days after the effective date of this AD, implement the operational limitation, as defined in this AD, as applicable. Amending the applicable AFM by inserting a copy of this AD and, thereafter, operating the aeroplane accordingly, is an acceptable method to comply with this requirement (see Note 1 of this AD).

Note 1: The requirements of paragraph (1) of this AD are not applicable for aeroplanes not having an operational approval to conduct CAT II or CAT III approaches.

**Inspection**:

(2) Within 6 months or 600 flight hours, whichever occurs first after the effective date of this AD, inspect the VOR/LOC antenna coupler in accordance with the instructions of the SB.

**Corrective Action(s)**:

(3) If, during the inspection as required by paragraph (2) of this AD, it is determined that the VOR/LOC antenna coupler is installed incorrectly, as defined in the SB, before next flight, remove and reinstall the VOR/LOC antenna coupler in accordance with the instructions of the SB.

**Removal of the Operational Limitation:**

(4) Following the inspection and corrective action(s), as applicable, accomplished on an aeroplane as required by paragraphs (2) and (3) of this AD, the operational limitation, as required by paragraph (1) of this AD for that aeroplane, is no longer required and can be removed from the AFM of that aeroplane.

## Ref. Publications:

Dassault SB F2000EX-504 original issue dated 24 October 2024.

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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. All interested persons may send their comments, referencing the AD Number, to the E-mail address specified in below Remark 3, prior to 16 December 2024. Only if any comment is received during the consultation period, a Comment Response Document will be published in the EASA Safety Publications Tool, in a compressed ('zipped') file, attached to the record for this AD.

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 Technical Assistance:

   - For Europe, Middle East and Africa based operators: Hot Line: (33) 5 56 18 47 47
   - For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266)
   - All other areas: Help Desk: (1) 201 541 4747.