



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 24-147

Issued: 06 December 2024

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:

M&D Flugzeugbau GmbH & Co. KG

Type/Model designation(s):

JS-MD 3 RES sailplanes

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

TCDS Number(s): EASA.A.616

Foreign AD: Not applicable

Supersedure: None

ATA 71 – Powerplant – Engine to Retractable Electric System Pylon Fasteners – Retightening

Manufacturer(s):

M&D Flugzeugbau (MD)

Applicability:

JS-MD 3 RES sailpalnes having serial numbers from 3.MD185 up to 3.MD209 inclusive.

Definitions:

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

Affected part(s): M8 fasteners attaching the engine to the Retractable Electric System (RES) pylon.

The SB: MD Mandatory Service Bulletin (SB) SB-MD11-004, which refers to Work Instruction (WOI) MD11-WOI-71-002.

Reason:

Occurrences of incorrect torque and missing threadlocker of the fasteners attaching the engine to the RES pylon have been reported.



This condition, if not corrected, could lead to separation of the engine and propeller from the RES pylon, damage to sailplane structures, possibly resulting in loss of control of the sailplane; and/or possible injuries to persons on ground.

To address this potential unsafe condition MD issued the SB to provide affected parts retightening instructions.

For the reason described above, this AD requires a one-time retightening of affected parts.

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

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Retightening:

- (1) Within 10 engine hours or 12 months, whichever occurs first from the effective date of this AD, retighten the affected parts in accordance with the instructions of paragraph 5.1 of the WOI.

Ref. Publications:

MD SB-MD11-004 revision 01 (original issue) dated 27 November 2024.

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 03 January 2025.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: 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: M&D Flugzeugbau GmbH & Co.KG. Streeker Str. 5b, D-26446 Friedeburg, Germany. Telephone: +49 4465 97878-11, Fax: +49 4465 97878 99, Website: www.md-flugzeugbau.de, E-mail: cao@md-flugzeugbau.de.

