



Airworthiness Directive

AD No.: 2025-0155

Issued: 21 July 2025

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:

STEMME GmbH

Type/Model designation(s):

Stemme S12 powered sailplanes

Effective Date: 28 July 2025

TCDS Number(s): EASA.A.054

Foreign AD: Not applicable

Supersedure: None

ATA 28 – Fuel – Fuel Pump Set and Drainer Assembly / Copper Sealing – Replacement

Manufacturer(s):

Stemme GmbH (Stemme)

Applicability:

Stemme S12 powered sailplanes, all serial numbers (s/n).

Definitions:

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

Affected location: Installation location of the sealing ring within the fuel pump set assembly having Part Number (P/N) 128201 between the screw-in adapter having P/N 831099 and the fuel distributor having P/N 128229, and between the screw-in adapter having P/N 831099 and the fuel distributor having P/N 128228; and installation location of the sealing ring within the drainer complete having P/N 128207 between the screw-in adapter having P/N 831099 and the drainer attachment having P/N 128271.

Affected part: Copper sealing ring having P/N D7603-12016-CU installed in the affected location.

Improved part: FKM (Viton®) sealing ring having P/N 831984.



The SB: Stemme GmbH Service Bulletin (SB) P062-980082 Revision 1.

Groups: Group 1 powered sailplanes are those which have an affected part installed. Group 2 powered sailplanes are those which do not have an affected part installed.

Reason:

Occurrences of fuel leak were reported originating from the affected location.

This condition, if not corrected, could lead to further cases of fuel leak, possibly resulting in fire of the powered sailplane.

To address this potential unsafe condition, Stemme issued the SB providing replacement instructions for the affected part.

For the reasons described above, this AD requires replacement of the affected part with an improved part and introduces part installation restriction.

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:

Replacement:

- (1) For Group 1 powered sailplanes: From the effective date of this AD, before next flight after a daily inspection, or a pre-flight check, during which a fuel leak is detected coming from an affected location, replace the affected part at each affected location with an improved part in accordance with the instructions of the SB.
- (2) For Group 1 powered sailplanes: Unless already accomplished, as required by paragraph (1) of this AD, within 100 flight hours after the effective date of this AD, replace the affected part at each affected location with an improved part in accordance with the instructions of the SB.

Parts Installation:

- (3) For Group 1 and Group 2 powered sailplanes: From the effective date of this AD, do not install an affected part at any affected location, or any assembly having an affected part installed at an affected location.

Ref. Publications:

Stemme GmbH SB P062-980082 Revision 1 dated 15 June 2025.

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 18 August 2025. 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: STEMME GmbH, Flugplatzstrasse F2 Nr. 6-7, 15344 Strausberg, GERMANY Telephone: +49 3341 3612 0, FAX: +49 3341 3612 30, E-mail: airworthiness@stemme.com.

