



Emergency Airworthiness Directive

AD No.: 2019-0298-E

Issued: 09 December 2019

Note: This Emergency 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, 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 agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

STEMME AG

Type/Model designation(s):

ASP S15-1 aeroplanes

Effective Date: 11 December 2019

TCDS Number(s): EASA.A.612

Foreign AD: Not applicable

Supersedure: None

ATA 57 – Wings – Outer Wing Shear Bolts – Inspection

Manufacturer(s):

Stemme AG (Stemme)

Applicability:

ASP S15-1 aeroplanes, serial number (s/n) ASP-031 and s/n from ASP-034 to ASP-043 inclusive.

Definitions:

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

Affected part: Outer wing shear bolts, having Part Number (P/N) 365058, as installed on both outer wings.

The SB: Stemme AG Service Bulletin (SB) P062-980046.

Reason:

Occurrences were reported of finding loose shear bolts on the outer wings of two ASP S15-1 aeroplanes, which appear to have been installed with improper torque and insufficient thread locker.

This condition, if not detected and corrected, could lead to outer wing separation, possibly resulting in a forced landing, with consequent damage to the aeroplane and injury to occupants.



To address this unsafe condition, Stemme issued the SB to provide inspection and re-torque instructions.

For the reason described above, this AD requires a one-time inspection of the installation of the affected parts and, depending on findings, accomplishment of applicable corrective action(s). This AD also provides conditions for (re)installation of an affected part.

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

Required as indicated, unless accomplished previously:

Inspection:

- (1) Before next flight after the effective date of this AD, remove and inspect each affected part in accordance with the instructions of Action 1 of the SB.

Repair:

- (2) If, during the inspection as required by paragraph (1) of this AD, discrepancies are detected as identified in the SB, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of Action 2 of the SB.

Part Installation:

- (3) From the affected date of this AD, it is allowed to (re)install an affected part on an aeroplane, provided this is accomplished in accordance with the instructions of Action 2 of the SB.

Ref. Publications:

Stemme AG SB P062-980046 original issue dated 29 November 2019.

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. The result of the safety assessment have indicated the need for immediate publication and notification, without the full consultation process.
3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness 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](#).
5. For any question concerning the technical content of the requirements in this AD, please contact: Stemme AG, Flugplatzstrasse F2 Nr. 6-7, 15344 Strausberg, Germany
Telephone: +49 3341 3612 0, Fax: +49 3341 3612 30, E-mail: airworthiness@stemme.de.

