



Emergency Airworthiness Directive

AD No.: 2018-0050-E

Issued: 02 March 2018

Note: This Emergency Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 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 (EC) 216/2008, Article 14(4) exemption].

Design Approval Holder's Name:

XTREMEAIR GmbH

Type/Model designation(s):

XA41 and XA42 aeroplanes

Effective Date: 05 March 2018

TCDS Number(s): EASA.A.507

Foreign AD: Not applicable

Supersedure: None

ATA 71 – Power Plant – Engine Mount – Inspection

Manufacturer:

XtremeAir GmbH

Applicability:

XA41 and XA42 aeroplanes, all manufacturers serial numbers.

Definitions:

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

The SB: XtremeAir Service Bulletin (SB) SB-XA-2018-006.

Affected part: Engine mounts, having Part Number (P/N) XA42-7120-151.

Acrobatic flight: Each flight during which a load factor of 6 g is exceeded.

Reason:

During a scheduled maintenance inspection of an XA42 aeroplane, a crack was detected on a diagonal strut of engine mount frame P/N XA42-7120-151.



This condition, if not detected and corrected, could lead to crack growth and subsequently partial or complete failure of the structural joint, possibly resulting in in-flight detachment of the engine and consequent loss of control of the aeroplane, and/or injury to persons on the ground.

Prompted by this finding, XtremeAir issued the SB to provide inspection instructions.

For the reason described above, this AD requires repetitive inspections of the affected part and, depending on findings, replacement.

This AD is considered an interim action and further AD action may follow.

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

Required as indicated, unless accomplished previously:

Repetitive Inspections:

- (1) Before next acrobatic flight after the effective date of this AD, or before exceeding 50 flight hours since first installation of an affected part on an aeroplane, whichever occurs later, and, thereafter, at intervals not to exceed 10 acrobatic flights, inspect the affected part in accordance with the instructions of the SB.

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1) of this AD, any cracks are detected, before next flight, replace engine mount with a serviceable part in accordance with the instructions of the SB.

Terminating Action:

- (3) None.

Parts Installation:

- (4) From the effective date of this AD, it is allowed to install on any aeroplane an affected part, provided the part is new; or that, before installation, the part has passed an inspection in accordance with the instructions of the SB; and that, following installation, the part is inspected as required by this AD.

Ref. Publications:

XtremeAir GmbH SB-XA42-2018-006, original issue, dated 02 March 2018.

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 results 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 Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. For any question concerning the technical content of the requirements in this AD, please contact: XtremeAir GmbH, E-mail: info@xtremeair.de.

Superseded

