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		Ausgabe: A.04
DOA-Nr.: EASA.21J.360	Service Bulletin SB-2013-008	Date: 01.07.2014

MANDATORY

Subject: Engine Mount

Aircraft model affected: XA42, XA41

Serial numbers affected: All aircraft are affected up to (and including) serial numbers 07 for XA41 and 123 for XA42.

Background: A crack was reported by an operator in a weld seam between the lower left landing gear attachment bearing and the lower engine mount to firewall attachment-plate. Further investigation showed that all engine mounts from a specific supplier may be affected.

Classification: Priority 1 – Safety

Compliance: Inspection mandatory every 10 flights.
Replacement of engine mount before next aerobatic flight and latest until 1st of March 2014.

Parts Affected: Engine Mount XA42-7120-151 A.01, A.02, A.03 and A.04 up to (and including) manufacturer's serial number 036

Weight and Balance: n.a.

Accomplishment instructions: All aerobatic flights are prohibited until replacement of the engine mount.

Inspection:

1. Remove the engine cowling.
2. Visually inspect all engine mount welds for cracks.

Note: Particularly the welds between the lower landing gear attachment bearing and the lower engine mount to firewall attachment-plate are susceptible to cracking in aircraft operated regularly from rough airfields. Figure 1 and 2.

3. When in doubt, perform a dye penetrant inspection, refer to AC 43.13-1B.
4. If cracks are found, replace the engine mount before next flight.
5. Reinstall the engine cowling.
6. Repeat the above inspection after every 10 flights.

Terminating action:

1. Replace the affected engine mount with Engine Mount P/N XA42-7120-151 provided by XtremeAir.

Note: XtremeAir will provide free of charge one new Engine Mount P/N XA42-7120-151 with the latest amendment to each operator of an affected aircraft.

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- Advise XtremeAir (airworthiness@xtremeair.de), about the accomplishment of this task, stating the aircraft serial number, and return the old engine mount to XtremeAir.

Approval:

The technical information contained in this document has been approved under the authority of Design Organisation EASA.21J.360.

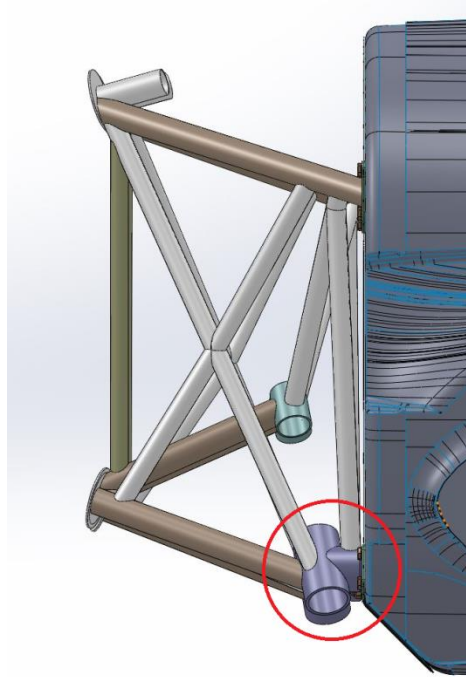


Figure 1: Welding seams area where extra attention is needed during inspection



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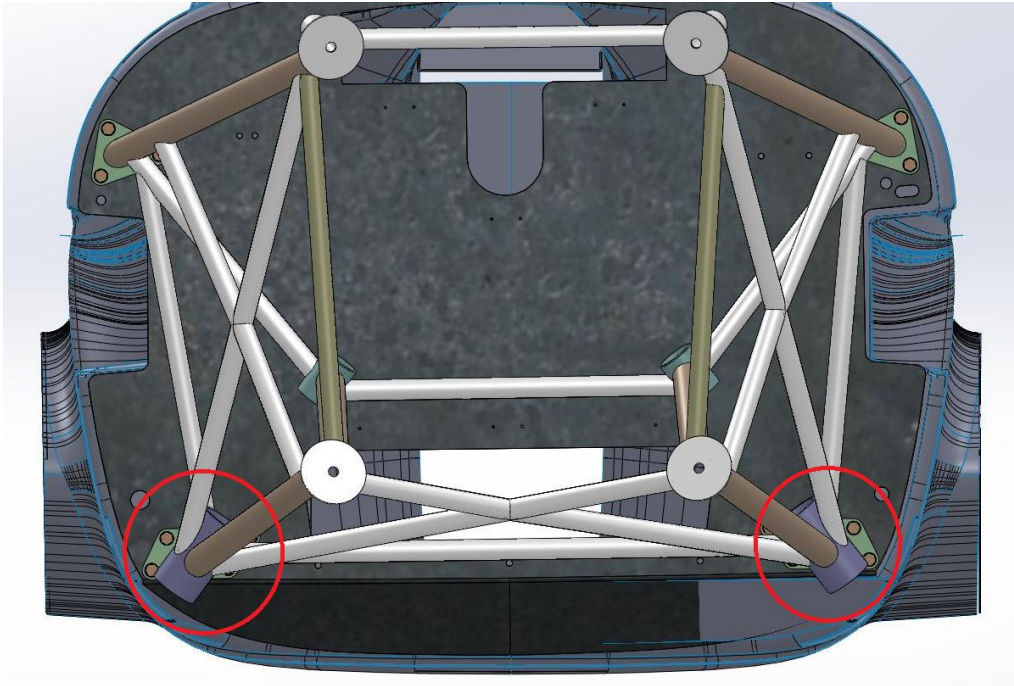


Figure 2: Welding seams area where extra attention is needed during inspection