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		Issue: A.01
DOA-Nr.: EASA.21J.360	Service Bulletin	Date: 27.09.2018

Priority 3 – Product improvement

Subject:	Front baffling improvement
Aircraft type affected:	XA42
Serial numbers affected:	MSN 132 and 137 – 151
Compliance:	At user discretion
Time of Compliance:	During the next scheduled maintenance
Purpose:	To notify the owner of the subject aircraft of an improvement of the LH front baffling.
Background:	A narrow gap between the LH and RH front baffling and the lower cowling leads to rubbing and wearing of the baffle seal. Damage of the lower cowling could occur.
Manpower:	It is estimated that four (4) man-hours are necessary to apply this service bulletin.
Materials:	<p>The following materials are necessary and can be ordered through spares@xtremeair.de:</p> <ul style="list-style-type: none"> (1) ea. XA42-7510-215 E.00 Front sheet metal plate RH (1) ea. XA42-7510-217 C.00 Front attachment slat RH (12) ea. DIN7337-A-4x8 Aluminum pop rivet – or equivalent – (8) ea. MS20470AD4-4 Universal head rivet
Consumables:	<ul style="list-style-type: none"> - Silicone baffle seal 1/8" x 2"
Accomplishment Instructions:	<p>Read all the instructions and make sure the complete procedure is understood before starting the assembly work on the aircraft. In case of doubt, contact the manufacturer.</p> <ol style="list-style-type: none"> 1. Remove the lower cowling in accordance with chapter 71-10-02 of the AMM. <p>LH baffle:</p> <ol style="list-style-type: none"> 2. Remove the LH front baffle assy. XA42-7510-051. Refer to Figure 1 for identification.

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3. Drill out all 6 pop rivets and remove the silicone rubber and reinforcement strap.
4. Mark the contour to be trimmed in accordance with Figure 2. It is also possible to use the reinforcement strap as a template.
5. Trim the front baffle.
6. Use the reinforcement strap to mark the position of the pop rivets.
7. Drill dia. 4,1mm holes at the marked positions.
8. Flange the front edge of the baffle similar to the previous edge. Refer to Figure 4 for approximate flanging dimensions.
9. Cut out a baffle seal using the old one as a template.
10. Attach the baffle seal with the reinforcement strap to the front baffle using the DIN7337 – A – 4x8 pop rivets.

RH baffle:

11. Remove the RH front baffle assy. XA42-7510-054. Refer to Figure 1 for identification.
12. Drill out all 6 pop rivets and remove the silicone rubber and reinforcement strap.
13. Cut out a baffle seal using the old one as a template.
14. Drill out all 8 universal head rivets and remove the front sheet metal plate XA42-7510-215.
15. Attach the delivered front baffle sheet metal plate Rev. E.00 to the front baffle assy. using MS20470AD4-4 universal head rivet.
16. Attach the baffle seal with the delivered reinforcement strap XA42-7510-217 Rev C.00 to the front baffle using DIN7337 – A – 4x8 pop rivets.
17. Reassemble all items in the reverse order.

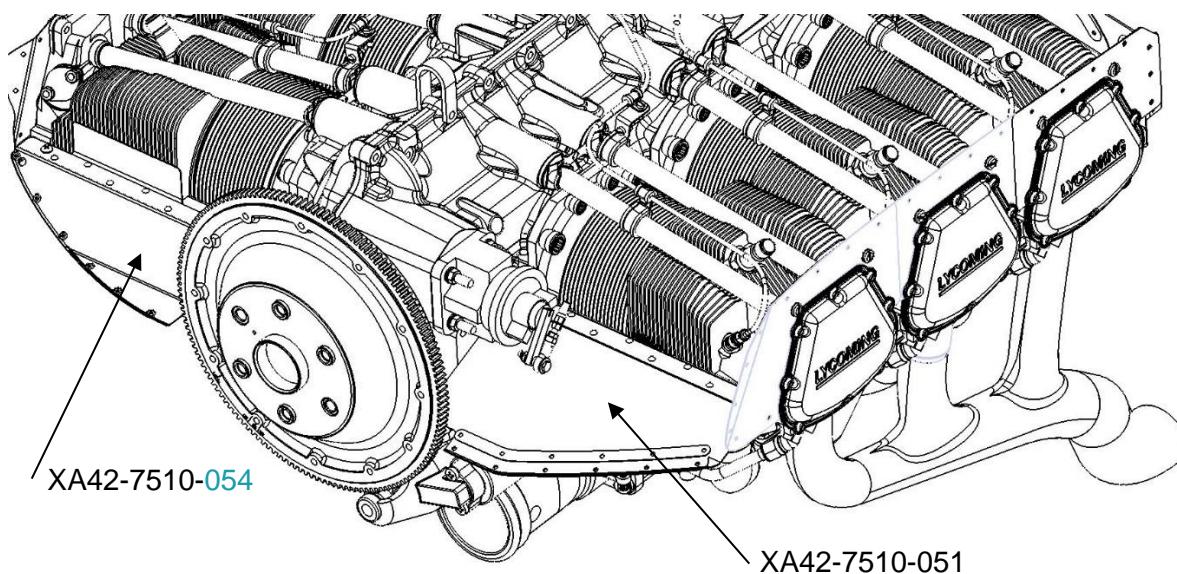


Figure 1: Identification of the baffle assemblies XA42-7510-051/-054

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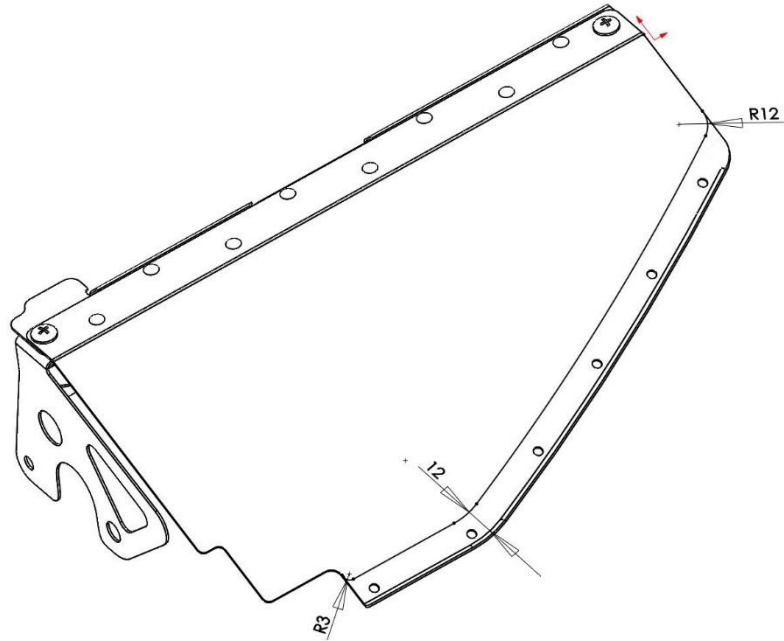


Figure 2: Marking of the trim contour

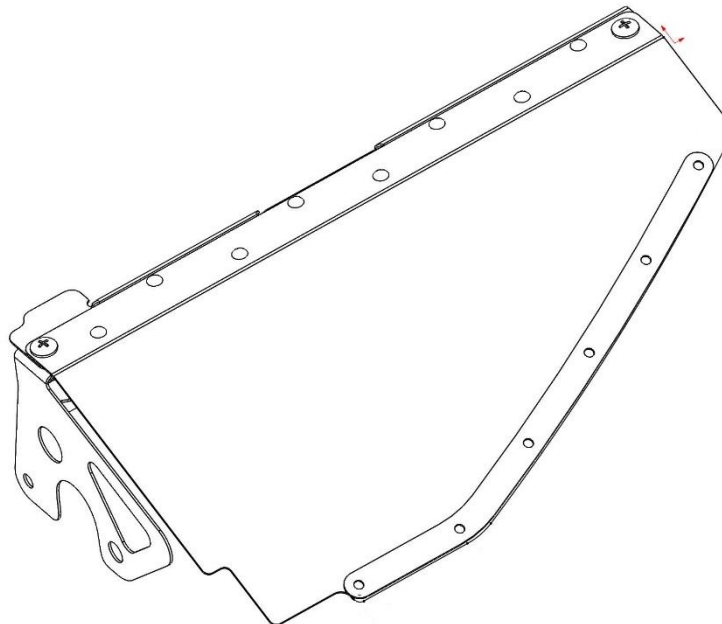


Figure 3: Marking of the 6 hole positions for the pop rivets

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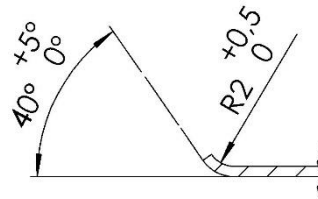


Figure 4: Flanging dimensions

Report accomplishment of the service bulletin via email to support@xtremeair.de, stating aircraft serial number and registration number.

Approval:

The technical content of this document is approved under the authority of DOA ref. EASA. 21J.360.