

Subject: Inspection of the wheel box cutout in the fuselage.

Affected gliders: Serial numbers 21 194 thru 21 228 inclusive.

Compliance: Prior to the next take-off.

Reason: With the above serial numbers of the ASK 21 model, the wheel box cutout in the fuselage presumably was not cut out far enough. When retracting the main wheel, this may cause the rear edge of the wheel box to foul the edge of the wheel box cutout (see sketch).

Action:

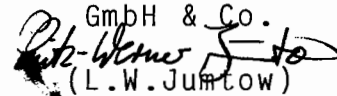
1. Jack up the fuselage safely and dismount the wheel fairing. As described in sketch 1 measure the distance A from the outside of the wheel box ① to the washer ② at the fulcrum of the wheel fork. Compare the above distance A with the distance to the trailing edge of the wheel box cutout in the fuselage; which must be by 5mm longer !
2. If this is not the case, then the wheel box cutout must be enlarged accordingly.
3. Check whether the glue joint between the fuselage shell at the edge of the wheel box cutout and the anchoring strap fillet③ is damaged.
4. If a damage is found, re-glue this glue joint (see Repair Manual). Then preserve again the repaired edge of the wheel box cutout (100 parts in weight Epikote 162, 38 parts in weight Epikure 113).
5. Now reassemble the wheel fairing.

Material & drawings: See point "Action".

Mass & C.G.: This action has no influence on the C.G. .

Notes: The actions 1 thru 4 may be accomplished by a competent person and must be certified in the glider's logbook by a licensed inspector.

Poppenhausen, October 1, 1984

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(L.W. Juntow)

The German original of this Technical Note has been approved by the LBA under the date of Oct.16, 1984, and is signed by Mr.SCHMALJOHANN. The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is authoritative.

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