

Subject: Modification to the model ASK 23 B.

Affected gliders: All gliders ASK 23 up to the serial no. 23051 if desired; as of serial no. 23052 this modification is standard in the series production.

Accomplishment: None; this is an optional modification.

Reason: For the certification of the ASK 23 according to JAR 22.73(a), i.e. for semi-aerobatics and cloud flying, the aircraft must be fitted with larger airbrakes, the max. flight mass must be reduced to 360 kg (794 lbs) and the max. mass of the non-lift producing parts to 235 kg (518 lbs), and the Manuals must be modified and supplemented.

Action:

1. Exchange and supplement in the Flight Manual the following pages: Title Page, 2a, 4, 7, 8, 11, 16, 22, 23a, 23b, 26, and 26a; make the corresponding entry in the "Index of Corrections" (page 1 & 2 of the manual).
2. Exchange and supplement in the Maintenance Manual the following pages: Title Page, 2a, 6, 8, 27, 39, 45, 57, 59, 62, and "Maintenance Instruction -A-"; make the corresponding entry in the "Index of Corrections" (page 1 & 2 of the manual).
3. Remove the airbrakes and install the new larger airbrakes according to drawing 230.51/52.S5.
4. Following the instructions in the Maintenance Manual, re-adjust the new airbrakes and the wheelbrake connected to them. After some running-in of the wheelbrake, adjust the airbrake gap at the wing to about 30 mm (1,2 in).
5. Carry out a check of the wheelbrake for correct operation and effectiveness.
6. Remove the old "ASK 23"-data placard from the cockpit and fit the new "ASK 23 B"-data placard showing the max. flight mass of "360 kg" (794 lbs).
7. Change the fire-proof type placard to ASK 23 B.

Materials: See drawings.

SHEET:
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ASK 23
Technical Note
No. 3

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Drawings:

- 230.51/52.S5
- 230.43/44.0007
- 230.43/44.0027
- 230.43.0103.

Mass & C.G.
position:

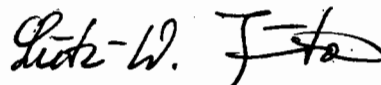
Owing to the exchange of the airbrakes there is no change in the mass of the wing. Therefore, a new establishment of the mass and C.G. data is not needed.

Notes:

1. A supplemental substantiation is provided for this Technical Note (Sailplane ASK 23 B, Variant B Of Basic Model ASK 23) and relevant flight tests have been demonstrated.
2. The modification according to this Technical Note must be accomplished only by the manufacturer or by a technical aviation station holding the appropriate licence.
This is a "major modification" according to the German "Luft GerPO, Abschnitt 4" (= Aviation Equipment Test Regulations, Section 4) and must be certified within the scope of a re-inspection by a licensed inspector in the aircraft logbook and the inspection certificates and documents.
For the purpose of this modification the airworthiness & registration certificates must be changed by the competent national aviation authority.

Poppenhausen, February 2, 1986

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L.-W. Juntow.

The German original of this Technical Note is approved by the LBA under the date of March 19, 1986 (signature: FRIEB).
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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