

Subject: Instrument binnacle hinging upwards with the canopy, additionally, new canopy locking swivel handles.

Affected gliders: All ASW 19 and 19 B; optionally.

Compliance: None; optional modification.

Reason:

1. As of this date the above-mentioned gliders can be equipped with an upward-hinging instrument binnacle design made by the Akaflieg Stuttgart. Through this modification above all the emergency bailout is essentially improved, but also the cockpit entry and exit.

2. As an additional option, the existing canopy locking handles can be exchanged for the new handles of the ASK 23; with these new swivel handles it is distinctly visible whether the canopy is open or locked.

Action:

1. According to drawing no.99.000.3400 the canopy hinge is modified; the instrument panel beam, the panel itself, and the radio rack box are built and installed. The gas-spring must be exchanged for a new 1100 N gas-spring of the same type.
2. According to drawings no.99.000.2365, 99.000.8856, and 99.000.2644 these parts are built and installed. In this case the locking pushrod (99.000.8856) must be cut by 55 mm (2,17 inch) to a length of 510 mm (20,08 inch). When the canopy is locked, you measure at the canopy frame how far the locking pushrod protrudes out of the frame; accordingly the new pushrod is fitted.

Material & drawings: See the drawings stated in the above para "Action".

Mass and C.G.: Owing to the modification, the empty mass is increased by about 3 kg (6,6 lbs) and the empty mass C.G. is slightly moved forward. Therefore, it is necessary to redetermine the mass and C.G. data.

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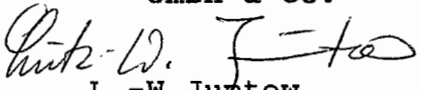
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Notes:

1. Only original parts from the manufacturer or from the company Hansjörg Streifeneder, Glasfaser-Flugzeug-Service, Brühlstr.12, 7318 Lenningen 2, must be used for this modification.
2. This modification must be accomplished only by the manufacturer or by a technical aviation service station holding an appropriate license; the accomplishment must be certified in the glider logbook and in the inspection certificates.

Poppenhausen, January 16, 1985

ALEXANDER SCHLEICHER  
GmbH & Co.

  
L.-W. Juntow.

The German original of this Technical Note has been approved by the LBA under the date of Feb.11, 1985 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

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