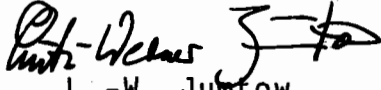


- Subject:** New canopy frame with folding up instrument panel and emergency jettison device.
- Affected gliders:** Optional for all ASW 19 and ASW 19 B (except for serial numbers 19390, 19398, 19399 and 19402).
- Compliance:** None; only with new-built gliders or with major repairs of older gliders.
- Reason:** As of the issue of this T.N., all ASW 19 and ASW 19 B can be equipped optionally with the canopy frame, the folding up instrument panel and the emergency jettison device by means of two handles, all of which have been adopted from the ASW 20 B.
- Action:**
1. Make the parts and install them (fittings, canopy frame, and instrument panel) according to the following ASW 20 B-drawings:-
201.11.0001; 201.11.0009; 201.11.0010;
201.11.0168; 201.11.0169; 201.11.0155;
201.12.0151; 201.12.0152; 201.12.0001 thru
201.12.0010, and 201.12. S1.
 2. In the Flight and Operations Manual the pages 12 + 14 must be exchanged against pages 12a + 14a.
 3. On page 3 of the Flight Manual the modification accomplished according to above point 1. must be entered and certified.
- Material:** See drawings under para "Action, Point 1."
- Mass & C.G. position:** Owing to the above modification the empty mass is increased by about 3 kg and the empty mass C.G. position slightly moves forward. Therefore, it is necessary to re-establish the mass and C.G. data.

Notes:

1. This modification must only be accomplished by the manufacturer (see also Point 3.) and must be certified in the glider logbook and the glider inspection respectively re-inspection test certificate.
2. For older gliders this modification can be accomplished on customer request in cases where major repair of the fuselage front section including a replacement of the canopy frame is necessary.
3. To retrofit older ASW 19 and 19 B gliders with the new canopy is not economical because the fuselage must be brought to the manufacturer's place so that the new canopy frame can be built and adjusted with the molds and tools necessary for this job.

Poppenhausen, October 19, 1984

ALEXANDER SCHLEICHER
GmbH & Co.


L.-W. Juntow.

The German original of this Technical Note has been approved by the LBA under the date of Nov.5, 1984 (signed: 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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