

Subject: Automatic elevator connection.

Serial number applicability: All ASW 20 and 20 L, as of serial no. 20001.

Compliance: None; optional mod only.

Reason: As of the date of this T.N. the above model variants can be retrofitted with the automatic elevator connection which is factory-standard on the ASW 20 B/C model variants.

Action:

1. Following drawing 201.35/36.S1 the new elevator is built.
2. As shown on drawing 190/200.37.S2 the box in the fin for the T-fitting is modified.
3. Following the "Instructions for fitting the bearing mounting" the bearing fitting (201.37.007) is laminated and glued into the fin using resin mixture.
4. The elevator actuating hinge (201.48.0014) is assembled at the bearing fitting and at the elevator pushrod VI (201.48.0011).
5. Assemble the elevator to the stabilizer.
6. Slide the horizontal tail unit onto the fin, adjust the engaging parts of the elevator (which catch the root ribs) to the actuating hinge and then mold them using thickened SCHEUFLEER-resin L 285 (do not forget a separating wax!).
7. Exchange the following pages in the respective Flight and Operations Manuals:-
ASW 20: p. 32, 40b, and 46;
ASW 20 L: p. 36, 44b, and 50;
for pages with the same numbers but with the reference entry of T.N. no.29.
8. Adjust the elevator deflections according to the data given in the Flight and Operations Manuals.

Material & drawings: See drawings detailed above.

Mass and C.G.: It is necessary to redetermine the mass and C.G. data.

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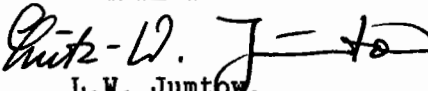
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Notes:

1. This automatic elevator connection modification must only be accomplished 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.
2. The exchange of the pages in the Manuals must be documented on the page "Amendments to the Manual".
3. For this modification only original parts from the manufacturer must be used.

Poppenhausen, November 6, 1986

ALEXANDER SCHLEICHER
GmbH & Co.


L.W. Juntow.

The German original of this Technical Note has been approved by the LBA under the date of December 9, 1986 (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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