

Subject: Replacement of the wings of the ASW 20 or 20 L against those of the ASW 20 C respectively 20 CL.

Affected gliders: All ASW 20 and ASW 20 L, serial no.s 20001 thru 20611 including.

Compliance: None.

Reason: Optional modification on customer request; e.g. in cases where ASW 20 wings are damaged to such an extent that repairs are no longer economical; the ASW 20 C and 20 CL wings can be used instead of the ASW 20 or 20 L wings and have to be replaced in pairs.

Action required:

1. The ASW 20 C or 20 CL wings must be built and fitted to the ASW 20 fuselage.
2. In the ASW 20 fuselage the mixer for the aileron and flap control circuit must be exchanged for the ASW 20 C mixer (201.45.1001) and also the flap lever gate for that of the ASW 20 C (201.11.0052).
3. Pages 8, 8a, 9, 10, 11, 12, 15, 16, 25, 26, 27, and 28 to be exchanged in the ASW 20 Flight Manual for pages with the same numbers and the note "T.N. No.28"; the same applies to pages 9, 9a, 10, 11, 12, 13, 17, 28, 29, 30 and 31 of the ASW 20 L Flight Manual.
4. Pages 42, 46, and 46a to be exchanged in the ASW 20 Operations Manual for pages with the same numbers and the note "T.N. No.28"; the same applies to pages 36, 37, 46, 46a, 50, 50a, 56, and 57 in the ASW 20 L Operations Manual.
5. In the glider logbook the total flight time has to be entered, the flight time of the structural component with the maximum flight hours being governing.

Material: See set of drawings of the ASW 20 C and ASW 20 CL.

Mass and C.G. position: Owing to the replacement of the wings a new establishment of the mass and C.G. data is required.

Notes:

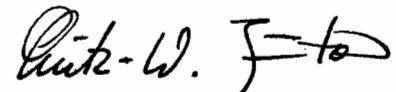
For a glider modified according to this Technical Note the certification data of the ASW 20 respectively ASW 20 L are still valid and the modified Flight and Operations Manuals - as detailed under para "Action Required" points 3. and 4. - apply.

The glider keeps its original serial number.

The modification must be accomplished only by the manufacturer or by a technical aviation service station holding an appropriate license; the accomplishment of the action must be certified in the glider logbook and in the inspection certificates.

Poppenhausen, June 23, 1986

ALEXANDER SCHLEICHER
GmbH & Co.


L.-W. Juntow

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The German original of this Technical Note is approved by the LBA under the date of June 30, 1986 (signature: SCHMALJOHANN). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is authoritative.