

Kind : Reduction of production requirement.

Subject : Glue joint of wing leading edge between wing root rib and change of taper in midwing area.

Effectivity : All ASW 20s as per serial number 20 073.

Accomplishment : None, series production.

Reason : A load test (until failure) of a wing section demonstrated very high surplus safety margin of the leading edge glue joint.
For reduction of production requirement the FRP-reinforcement of the leading edge, therefore, can be dropped.

Instructions : According to drawing no. 200.51.S and 200.43.S 1 the wing leading edge is made in conformity with the design of the outer wing leading edge.

Material : As outer wing.
(See drawing no. 200.51.S 1).

Weight and balance : Influence neglectable.

Notes : If replacement of left or right wings is necessary for repairs, wings built in accordance with this TN can be used for earlier gliders S/N 20 001 through 20 072 inclusive.

Drawings : For this TN the following drawings were remade :
200.51.S 1
200.43.S 1.

Poppenhausen, February 8, 1978

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The German original of this TN is approved by LBA under the date of February 9, 1978, and is signed by FRIEB.

In any case of doubt the German text is authoritative.