

Kind : Improvement; reduction of production requirement.

Subject : Change of wing glass layer plan and modification of forward wingroot tangential force reinforcement.

Effectivity : ASW 19s as of serial number 19 261 incl.

Accomplishment : None; only for new production-line ASW 19s.

Instructions : According to the new wing glass layer plans 190.51/52.S. 8 and 190.51/52.S. 9 the wing sandwiches are made.

The components 190.51.0150 and 190.52.0150 (Water tank stringers) are no longer applicable (see note TN 10, dated Sept. 12, 1978, on drawing 190.51/52.S. 10).

Material : See drawings.

Weight and Balance : The modification according to this TN 10 results in a slightly lower wing weight (0.6 kp per wing pair), therefore a weight and balance must be done.

Notes :

1. For repairs of earlier ASW 19s (serial numbers 19 001 through 19 260) pairs or single wings according to this TN may be used.
2. When installing the water tanks, it is necessary to pull them as far as possible into the wing towards the wing tip.

Drawings : For this TN the following drawings were new made :

190.51/52 S. 8 and
190.51/52 S. 9 .

Drawing 190.51/52 S. 1 was corrected.
Drawing 190.51/52.0150 is dropped.

Poppenhausen, September 12, 1978

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The German original of this TN is approved by LBA under the date of November 29, 1978, and is signed by FRIEB.

In any case of doubt the German text is authoritative.