

Sheet 1

No. of sheets: 1

ASW 20  
Technical Note  
No. 24

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Kind: Exchange of material.

Subject: One layer of flannel, unbleached white, no.406 (made by Ten Hompel, Bocholt) used for the building of the fuselage skins, the horizontal stabilizer skin, the wingtip extensions and its ailerons, is exchanged against one layer polyester-fiber-mat PKM 80 (made by Schlösser & Kramer, Wuppertal).

Accomplishment: None; only with new-built gliders as of serial number 20672, but with the exception of 20700 thru 20807.

Affected gliders: All design series.

Reason: For building the fuselage skins, the polyester-fiber-mat PKM 80 is used instead of the flannel no.406; with a slightly increased weight this results in a laminate of same thickness, but almost free of air-bubbles.

Action: Instead of the layer flannel no.406, one layer of polyester-fiber-mat PKM 80 ( $80 \text{ p/m}^2$ ) is used when laminating the fuselage skins, the horizontal stabilizer skins, the wingtip extensions and its ailerons. (See lamination drawings 201.11.S1; 201.33.S1; 202.51/52.S16; 202.31/32.S2.)

Material: See above.

Weight & balance: The change in weight owing to the new fiber-mats is irrelevant. The influence of the above action on empty weight and C.G. position therefore, is negligible.

Poppenhausen, March 22, 1985

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The German original of this T.N. has been approved by the LBA under the date of April 23 (signature: Mr.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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