

Subject: Air inlet for blast holes in the wing by means of NACA ducts.

Serial number applicability: All production series:
sailplanes ASW 22, Data Sheet no.L-351,
and powered sailplanes ASW 22 BE & ASW 22 M, Data Sheet no.L-834.
On aircraft serial number 22071 and on all serial numbers as of 22073 this mod has been fitted as series production standard.

Compliance: None.

Reason: For aerodynamic reasons the so-called NACA ducts were designed for the ASW 27 and these ducts supply the blast turbulators with pressure air by even less drag. These ducts can now also be retrofitted into all production series of the ASW 22 replacing the previous Pitot tubes.
Another advantage of the NACA ducts: they do not protrude out of the wing contour and so do not impair the use of bug wiper systems.

Action: Fitting the NACA inlets in accordance with „*Installation Instructions NACA-Ducts*“ for ASW 22& ASW 22 M, or ASW 22 B & ASH 25.
A copy of this Technical Note must be inserted into the Annex of the Flight Manual.

Material & Drawings: ASW 22 & ASW 22 M Installation Instructions NACA-Ducts-
ASW 22 B & ASH 25 Installation Instructions NACA-Ducts
Drawing: NACA-ducts 5 x 17 x 42 99.010.4762
All material & drawings can be obtained from Messrs. SCHLEICHER (Tel +49-6658-890 / Fax +49-6658-8940), or from the SCHLEICHER agency in your country.

Mass and CG: The influence on empty mass and C.G. is negligible.

Notes: The NACA ducts must be obtained from the manufacturer Alexander Schleicher GmbH or from the SCHLEICHER agency in your country. Fitting the NACA ducts can be done by a competent person.

The accomplishment of all actions must be examined and certified by a licensed aviation inspector in the glider logbook, Flight & Maintenance Manual, and in the glider inspection certificates.

Poppenhausen, January 30, 1998

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GmbH & Co.

(Lutz-W. Juntow)

The German original of this Technical Note has been approved by the LBA under the date of February 6, 1998 (signature: **FENDT**). The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.