

Sheet : 1
Number of Sheets : 1

A S W 17
Technical Note
No. 6

Alexander Schleicher
Segelflugzeugbau
6416 Poppenhausen

Kind : Airworthiness Directive

Subject : Sealing of a hose connection of the water ballast exhaust

Effectivity : ASW 17 and ASW 17S Serial Numbers 17 001 to 17 043 incl.

Accomplishment : Prior to next use of the water ballast system

Reason : It has been found that the PVC hoses at both exhausts at the bottom of the fuselage (behind the landing gear) became wider because of heat despite their Nylon fiber reinforcement.
Therefore, some water can get into the fuselage, when the water ballast valve is opened making the sailplane tail heavier than tolerances allow.

Instructions : The connection between PVC - hose and the brass tube glued to the fuselage is sealed properly by use of a hose clip. To do this it is necessary to remove the cover of the main bulkhead in the cockpit and the cover of the middle bulkhead as well.
The installation of the hose clip needs some skill. The test of a proper job done is to pull on the hose with about 10 lbs.

Material : Hose clip for 1 inch (25 mm) hose diameter (use automobil spare part)

Weight and Balance : Neglectable effect

Remarks : This modification has been installed into all serial numbers from 17 044 onwards by the manufacturer. This Airworthiness Directive can be carried out by the owner of the glider and will be approved by an inspector on the occasion of the next annual inspection.
A note has to be made in the log book.

Drawings : The installation of the hose clip is marked under position 4 in drawing no. 170.11.S 11

Poppenhausen,
26th November ,1975

German original approved by LBA
dated 6th December, 1975

ALEXANDER SCHLEICHER
Segelflugzeugbau

Gerhard Waibel
(Gerhard Waibel)