Subject: Adjustment of the water ballast actuation inside the fuselage

Serial number applicability: All ASW 28

Reason: In case that the water ballast valves in the wings drain uneven or do not open fully, their actuation may be checked and adjusted according to the following instructions. Badly adjusted actuation systems may be the cause that the rocker switch in the fuselage misses the actuating push rod by running over it during rigging and so the valve inside the wing cannot open.

Action: As shown in Fig. 1, the correct adjustment of the valve actuation can be easily checked. The adjustment of the actuation system is done at the rocker switch by turning the lock nut at the threaded connector into or out of the Bowden cable (see Fig. 2).

Material: Any required parts can be ordered from Alexander Schleicher GmbH & Co., Phone: ++49 (0)6658-890 or -8929, FAX ++49 (0)6658-8940, or e-mail: info@alexander-schleicher.de

Notes: The action can be accomplished by a competent person.

Poppenhausen, July 02, 2001

Alexander Schleicher GmbH & Co.

by order

(Lutz-Werner Jumtow)
Fig. 1

Fuselage-side root rib

Wing root rib

Rocker lever

Actuating rod for valve

Ca. 40 - 43 mm

Approx. 5 - 12 mm with open actuating lever I

Bowden cable to actuating lever in cockpit

Fig. 2

View from the left

Support bracket for actuating lever at the landing gear lever gate

Actuating lever version 2, im cockpit (valve closed)

Screw clamp

Lock nuts at Bowden cable

Rocker lever on right fuselage root rib

Baggage compartment floor

Forward support, version III for Bowden cable

Adjusting screw for Bowden cable to fuselage tank

Bowden cable to actuating lever at the left fuselage root rib

Bowden cable to tank valve in the fin (optional)