

Subject: Adjustment of the water ballast actuation inside the fuselage

Serial number applicability: All ASW 27

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 runs over the actuating push rod during rigging and so the valve inside the wing cannot open. In order to facilitate adjustment, the new version 2 uses the adjusting means at the rocker switch fitted at the fuselage-side root rib (and no longer at the front counter bearing of the Bowden cable, at the right under the seat pan support surface - previous version 1).

Action: Version 1:
As shown in Fig. 1, the correct adjustment of the valve actuation can be checked easily. The adjustment of the actuation system is done by turning in or out the adjusting screw at the front Bowden cable counter bearing (see Fig. 2). If the adjustment at the threaded bolt is not sufficient, the Bowden cable itself can be adjusted in length at the screw clamp (see Fig. 2.) Note that the cable is soft soldered into that clamp!

Version 2:
As shown in Fig. 1, the correct adjustment of the valve actuation can be checked easily. The adjustment of the actuation system is done at the rocker switch by turning in or out the lock nut at the threaded connector of the Bowden cable (see Fig. 3).

Material: Any required parts can be ordered from Alexander Schleicher GmbH & Co.,
Tel.: +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, May 4, 1999

Alexander Schleicher
GmbH & Co.

i.A.
(Lutz-Werner Juntow)

Fig. 1

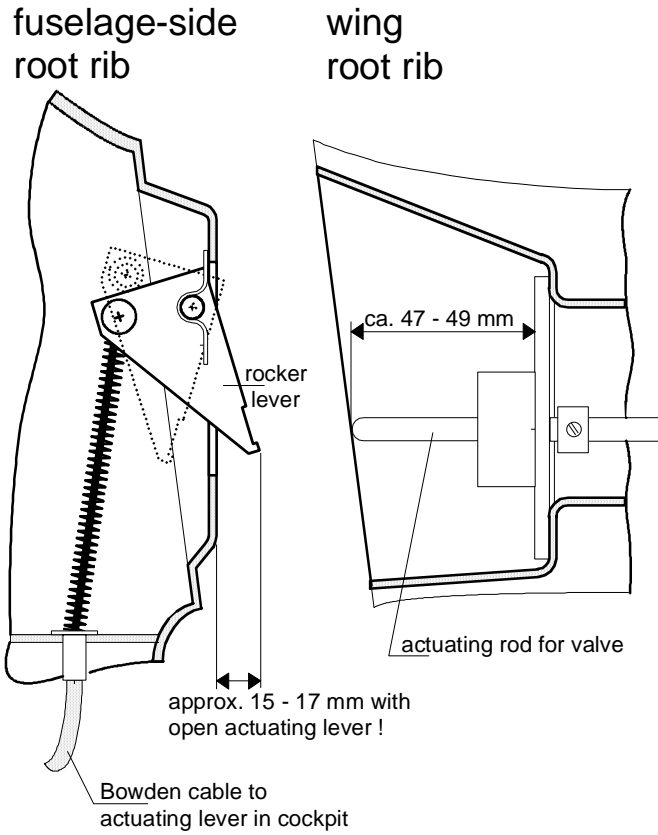


Fig. 2

View from the left

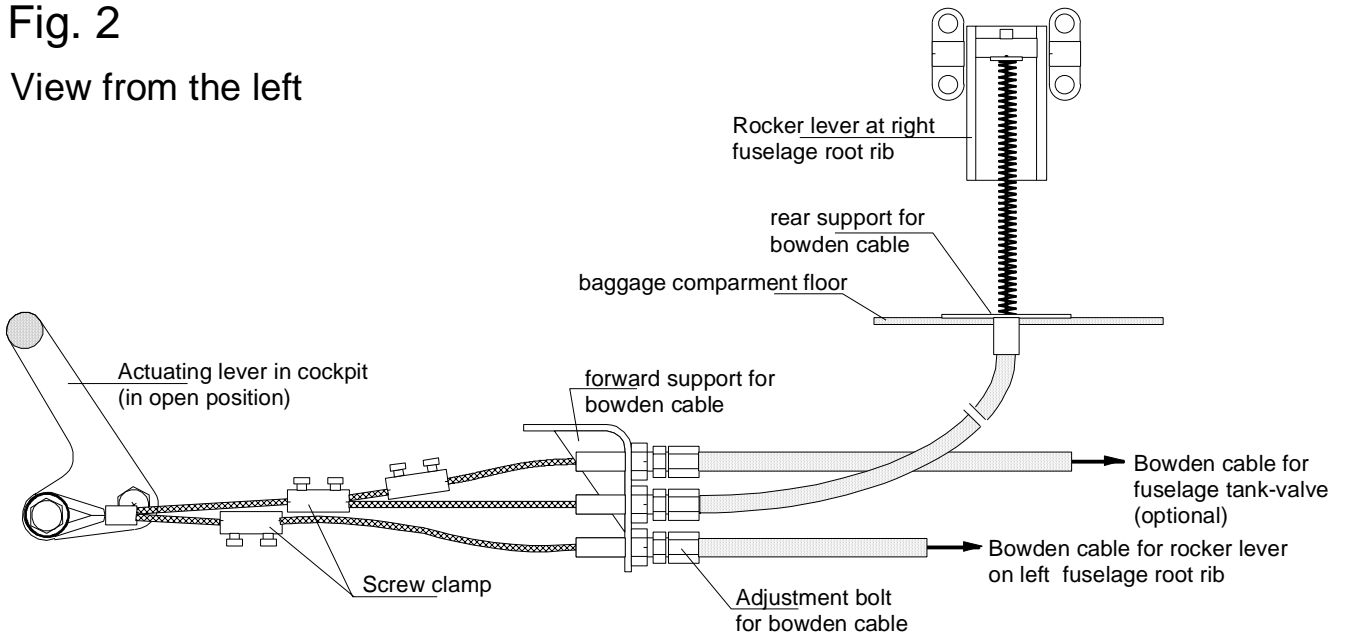


Fig. 3
View from the left

