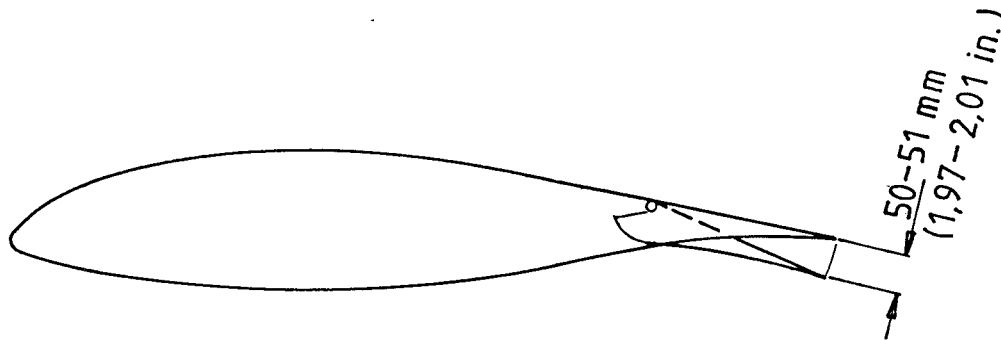


ADJUSTING AILERONS

1. On the assembled glider the two aileron pushrods V (230.41.0011) are disconnected from the differential lever (230.41.0009); see Maintenance Manual pages 11 and 13.
2. With the glider in a level position the stick must be fixed in the center position and the differential lever must be level with the stick's top edge (gage above the front transverse tube). If necessary, adjust it at the uni-ball joint of the aileron pushrod III (230.41.0006) in the fuselage.
3. With the aileron pushrods V being disconnected, the ailerons are adjusted in such a way that they strike the limit stops when deflected downwards (positive) for 50 - 51 mm (1,97 - 2,01 in), and measured at the inner aileron end where it is actuated; see Fig. 1 hereafter. If necessary, adjust them at the uni-ball joint of the aileron pushrod VIII (230.41.0015) in the wing.



4. Now move the ailerons into zero position and fix them. Then it must be possible to connect the aileron pushrods V easily to the differential lever which has been fixed in its level position. If this is not possible, please adjust them at the uni-ball joint (230.41.0010) of the pushrod V accordingly.
5. Re-tighten and re-lock all joints and screws which possibly have been untied.
6. Check the permissible aileron deflections as stated on page 30 of the Maintenance Manual.
7. Check the aileron actuation for correct operation and effectiveness.

Poppenhausen, Dec.11, 1985

ALEXANDER SCHLEICHER
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