

Alexander Schleicher  
- Segelflugzeugbau -  
Foppenhausen/Wasserk.

Modification No. 2  
Glider Ka 6 a. Ka 6 B  
(US 7G1)

Sheet 1

Nb. of sheets: 4

LTA Nr. 7

Appearance of wear.

1.) Interchangeable bolts at the rear stabilizer connection.

Urgency: At all new aircraft. At all others when heavy backlash occurs.

In addition: Drawing sheet ÄM 2/1

2.) Plywood inserts in the spar root to prevent cracks due to shrinkage.

Urgency: At all new aircraft. At all others until the next annual inspection.

The work must be done by a qualified aircraft joiner.

In addition: Drawing sheet ÄM 2/2 and 2/3

Approval of translation has been done by best knowledge and judgement. - In any case the original text in German language is authoritative.

Drawings to be corrected

Remarks

FfL-Check

ausgef.

29.10.63

for.



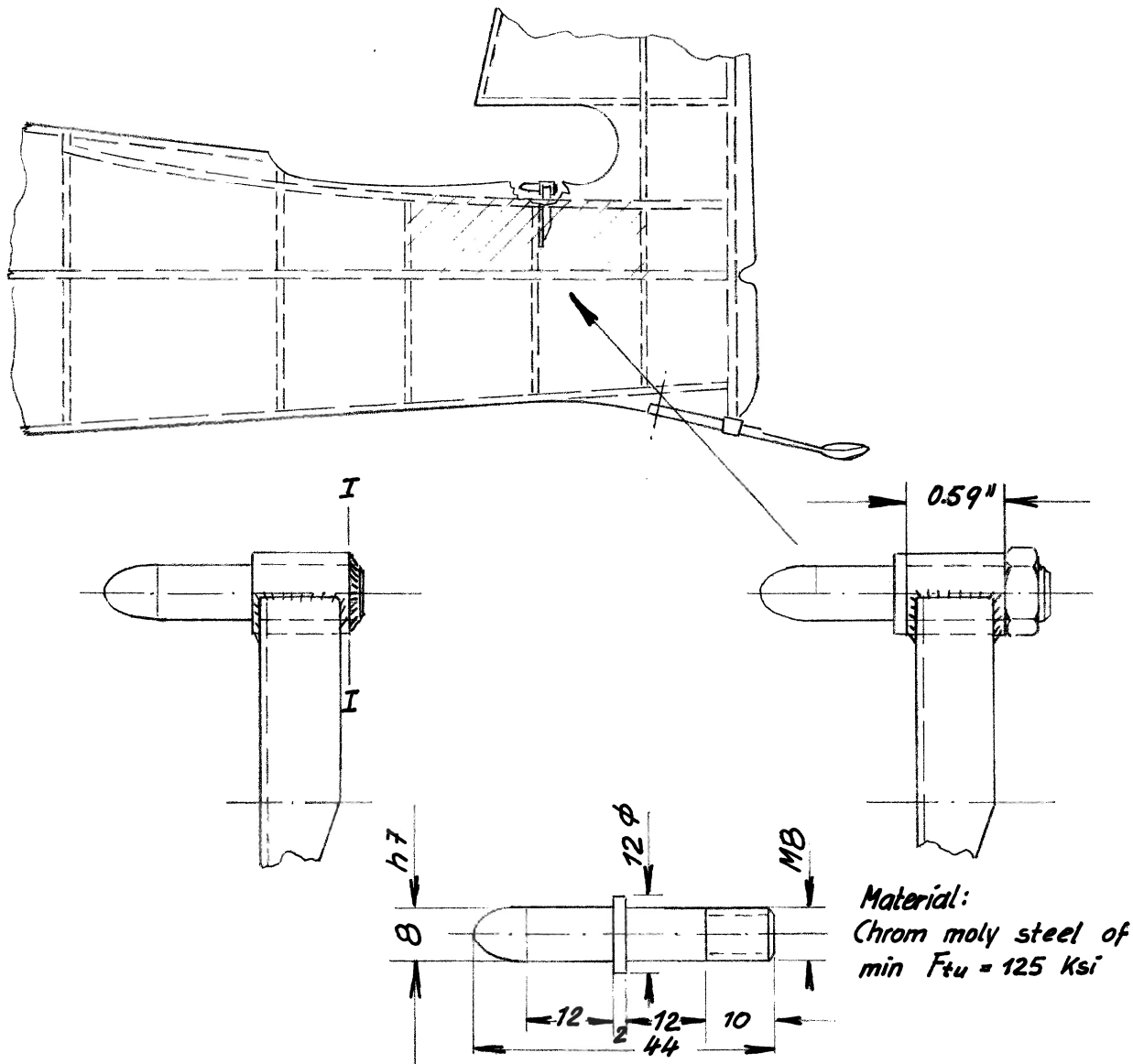
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2 8. Nov. 1963

Alexander Schleicher  
- Segelflugzeugbau -  
Poppenshausen/Wasserkk.

Drawing to Modification  
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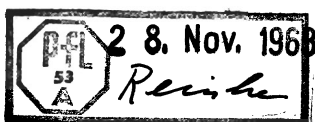
AM 2/1

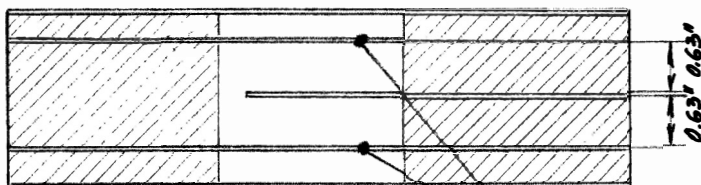


#### Description:

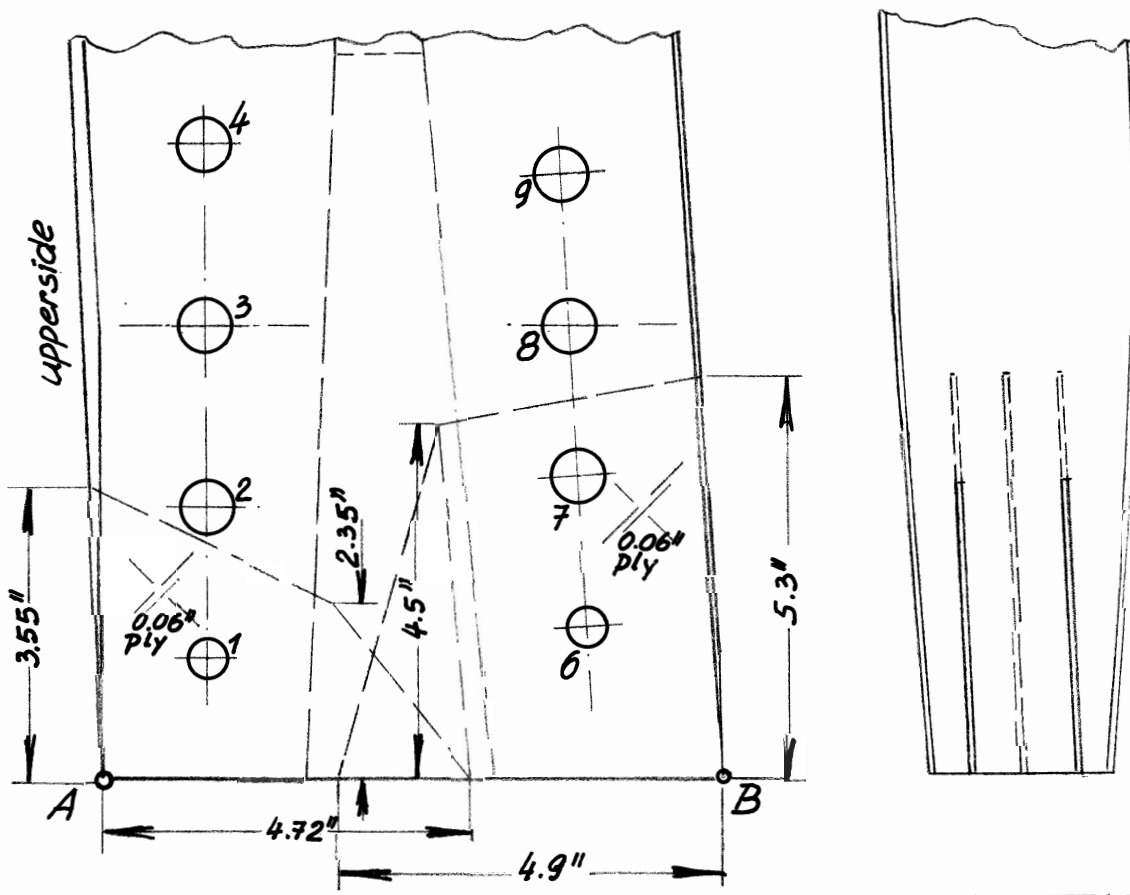
Remove plywood on both sides of the fuselage at the hatched spots. Build out the supports and sign it with R. a. L. cut off the weld in section I - I. and take out the bolt. Put in the new bolt. (Supplied by the firm A. Schleicher). Before reinstallation a 0,08 " thick plate of plywood of the same size of the already present plate is to be glued on additionally. Then build in the supports again and secure the screws. Finally complete the plywood covering, 0,06" birch plywood to be used.

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*adjoining of the both  
 outer plywood inserts*



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**Description:**

Remove bolt 1 ; 6 a. 7. With a hole saw cut in from the corners A and B beginning. The saw must be set so that the 0.06 " plywood can be easily bushed in but without excessive oversize. (Try it on a test sample). This work needs quite a lot of workmans skill. It is to prevent that by not exact guidance of the saw the cut will grow to wide.

After cleaning of the cuts the prepared plywood is glued in. Notice the grain direction! The whole root part is then pressed by clamps which are put on the fittings. The applying of the glue must be done very carefully, the plywood is to be bevelled on the front edge to prevent the glue pushed out of the joint. Best suitable glue is a resorcinol glue such as Aerodux 185. After setting of the glue the spar root is cleaned and the bolt holes are reamed. Finally the bolts are set in again. Use new nuts only!

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Drawing to Modification  
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AM 2/3

It is strongly recommended to use for this work only people with skill and prudence or to let make the modification in the Schleicher works. The plywood must be aircraft quality birch or beech plywood.

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 28. Nov. 1968  
*Reinhardt*