

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

AIRWORTHINESS DIRECTIVE GLIDERS

GFA AD/139 SCHLEICHER 7
TECHNICAL NOTES 4 and 7

TYPES AFFECTED: All ASW 20s Serial Numbers 20001 through 20113 except 20111.
All ASW 19s Serial Numbers 19001 through 19232

ACCOMPLISHMENT:

The modifications according to this TN 4 and 7 must be done by the next annual inspection. In the meantime the inspection hole must be carefully taped whenever the aircraft are operated.

REASON:

During a cross country flight with an ASW 20 the inspection hole cover which was not taped was lifted up during a pullup into a strong thermal and was, subsequently, pulled into the fuselage by the attached bungee. There it jammed temporarily the aileron and flap control. The inspection hole of the ASW 19 and ASW 20 being identical, such an incident seems to be possible for the ASW19 too.

INSTRUCTIONS: TN 4 and 7

By means of a plywood ring (P/N 190.11.0125) the hole of which is narrower than the smallest width of the inspection hole cover it is prevented that the cover can get into the fuselage.

Prior to glueing in the plywood ring the glue joints must be well fitted and sanded.

A mixture of

100 parts in weight of Epikote 162

38 parts in weight of Epikure 113,

thickened by 10 - 15 parts in weight of Aerosil, may be used as a glue.

However, it may be as well used Aerodux or a two-component glue (like UHU-plus).

For the cover itself or the bungee no modification is necessary. See the drawing on sheet 4 of this TN.

After the installation the plywood ring and the sanded areas around it are preserved by paint or epoxy resin.


This work must be carried out by personnel holding the proper authorisation and the work shall be entered in the aircraft log book.

WEIGHT AND BALANCE: Influence Negligible.

NOTE: There is an alternative method for making safe the defect and kits for this together with drawings are available from the manufacturer.

COMPLIANCE:

This directive is mandatory and is issued pursuant to Air Navigation Regulations under the delegated authority of the Secretary of the Department of Transport.



(Douglas Lyon)
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