

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

AIR TRANSPORT GROUP

AIRWORTHINESS DIRECTIVE - GLIDERS

GFA/AD 81 GLASER-DIRKS 1

Glider Types Affected: Glaser Dirks DG-100 and DG-100G
Serial Nos. 42 to 83 inclusive.

Background:

It has been found that with some gliders obstruction of the aileron control under negative "g" loads is possible by the stop support of the aileron push rod interfering with the guide plate of the landing gear control rod where the guide plate is not well finished.

Required action:

Prior to next flight accomplish the following:

1. Remove the left-hand side cover in the cockpit.
2. Turn the aileron control rod in the most upward position as shown in drawing and check the stop support for freedom of movement over the entire range of aileron deflection.
3. If the stop support butts against the guide plate in the hatched area, rework the guide plate so as to achieve free movement. If necessary, the large washer (18 mm dia.) must be replaced by a smaller one (12 mm dia.).
4. Clean the area of filings.
5. Reinstall the side cover.

Any corrective action required may be carried out by the holder of Airworthiness Authorisation C.A.1109 rated for standard repairs (any category), replacement of components (any category) or Certificate of Airworthiness Inspector (any category). Details of the inspection and any corrective action to be entered in the glider's log book.

Compliance:

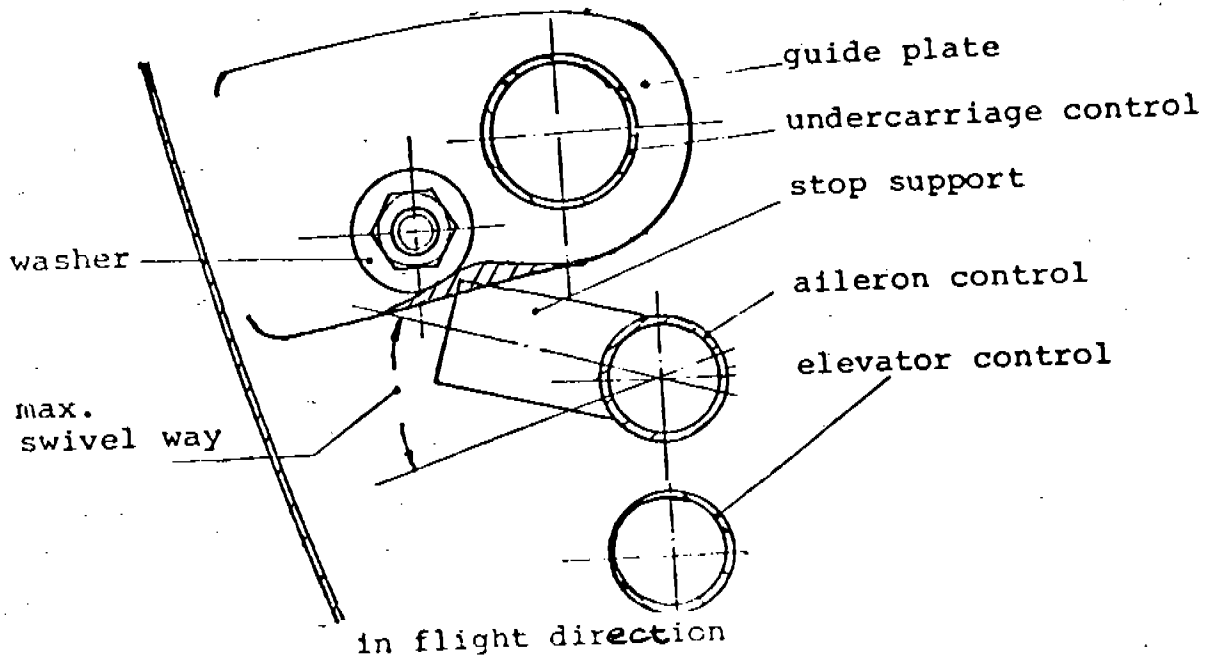
The requirements of this directive are mandatory.

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



(Douglas Lyon)
CHIEF TECHNICAL OFFICER AIRWORTHINESS
GLIDING FEDERATION OF AUSTRALIA

Date of Issue: 11th May, 1977.



Distribution:

Owners DG-100- VH-GEG and VH-GME
C.T.O.'s/A and Ops.
R.T.O.'s/A
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T.L.O.
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