

# THE GLIDING FEDERATION OF AUSTRALIA

BUILDING 130, WIRRAWAY ROAD, ESSENDON AIRPORT, VICTORIA 3041.

## AIRWORTHINESS DIRECTIVE GLIDERS/POWERED SAILPLANES

GFA/AD 222

SZD 25

Issue 1

24.11.1981

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### TYPES AFFECTED:

Jantar series gliders:-

SZD-37 x-104 and x-105  
SZD-38 x-108 and x-109  
SZD-38A B608, B609, from B-611 to B-627,  
from B-634 to B-642, B664, from B-666 to 679,  
from B-682 to 685, from B-687 to B689  
SZD-41 x-110 and x-111  
SZD-41B x-125, x-126 and x-130  
SZD-41A from B-628 to B-633, from B-690 to B-750,  
from B-793 to B-817.

**SUBJECT:** Wear in the horizontal tailplane locating fork to be rectified and reduced in future service.

**BACKGROUND:** PZL bulletin No. BK-014/81 requests this modification to be carried out.

### ACTION REQUIRED: (1) Inspection

Check the play between the fork and the "stone" in accordance with the Service Manual. If play exceeds the manual limits this modification is to be carried out before further flight.

If play is inside the limits, this modification may be left until the next Form 2 inspection.

### MODIFICATION DETAILS:

- (1) Fig. 1. details the modification fully.
- (2) If factory supplied wear straps are not available, straps manufactured to fig. 2 from 4130 Sheet steel, 1mm thick (approx) combined with AN 426 AD C'SK rivets 1/8" dia. will be acceptable, etch prime or similar is to be provided between the steel fitting and the alloy fork.
- (3) On completion the play should be within tolerance (max slop .3mm) and the tailplane angle of incidence should be as specified in Service Manual.
- (4) Modification details to be entered into log book.

**IMPLEMENTATION:** This modification to be carried out by the holder of an 1109 endorsed metal repair/minor or C. of A. metal.

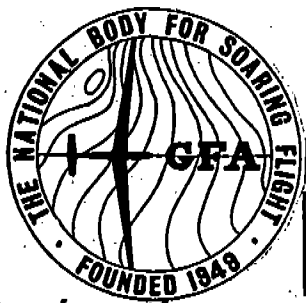
### COMPLIANCE DATE.

- (1) Before next flight
  - (a) Inspect for excessive play
  - (b) Modify immediately if play exceeds limits.
- (2) At next Form 2 inspection
  - (a) Carry out this modification fully.

**WEIGHT AND BALANCE:** Negligible change.

**COMPLIANCE:** The requirements of this Airworthiness Directive are mandatory, issued pursuant to Air Navigation Regulations under delegated authority from the Secretary of the Department of Transport Australia.

M.P. BURNS  
CHIEF TECHNICAL OFFICER AIRWORTHINESS  
GLIDING FEDERATION OF AUSTRALIA.



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Fig. 1.

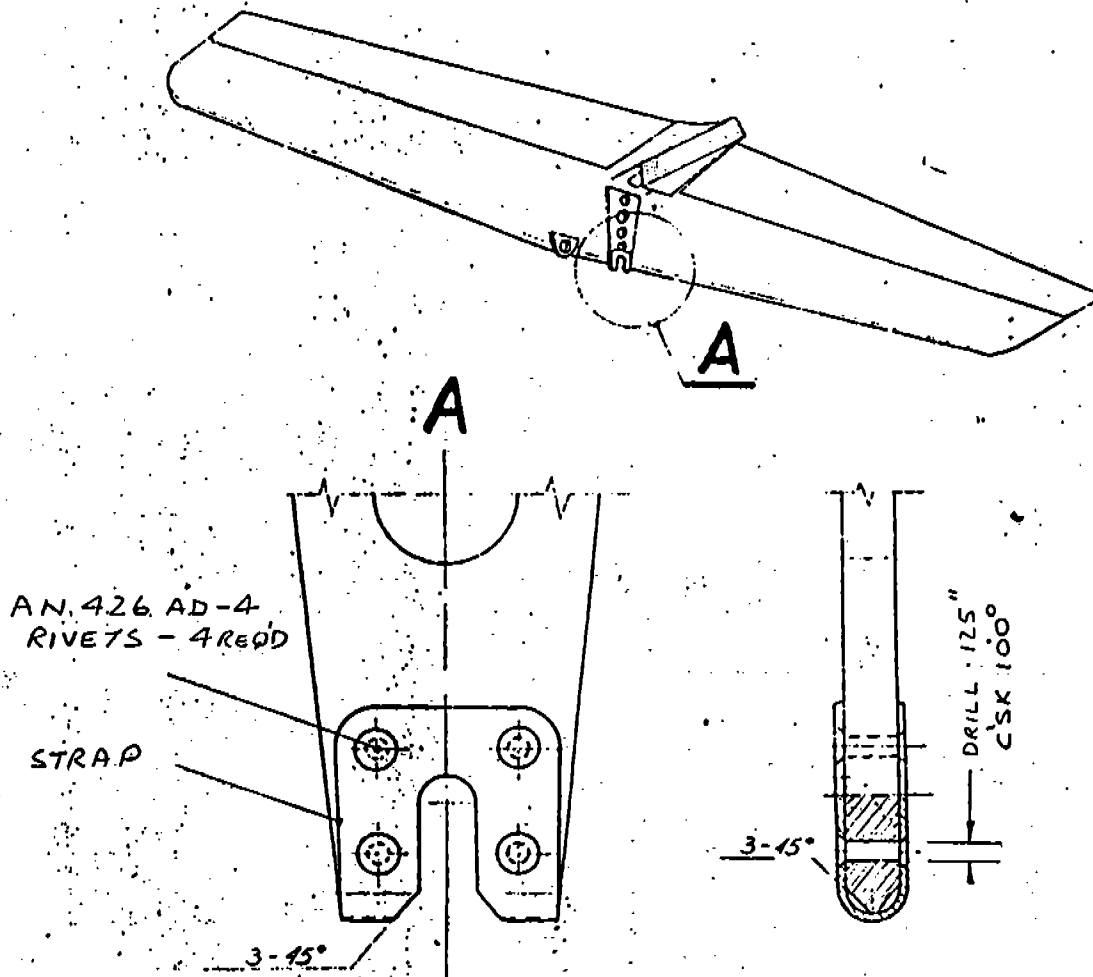
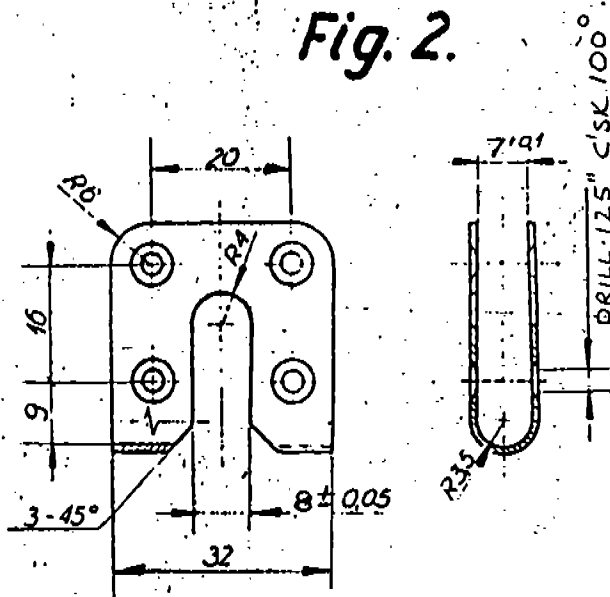


Fig. 2.



## THE STRAP

Material:  $\#1-32 \times 70$  (30) H(15)

Protection coating zinc

Amount: 1 piece/set