



# THE GLIDING FEDERATION OF AUSTRALIA

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

## AIRWORTHINESS DIRECTIVE. GLIDER/POWERED SAILPLANE

GFA/AD 223

SZD 26

24/11/1981

Issue 1

Sheet 1 of 2

### TYPES AFFECTED:

Jantar Series Gliders.

SZD-37X "Jantar 17" Serial No. 112  
SZD-37 "Jantar 19" " 104, 105  
SZD-38 "Jantar 1" Serial No. 108, 109  
SZD-38A "Jantar 1" S.Nos. 607-627, 634-642, 664-689  
SZD-41 "Jantar Std" S. No. 110, 111  
SZD-41-A "Jantar Std" S/No. 628-633 and 690-721  
SZD-41-B "Jantar Std" S/No. 125, 126 and 130

### SUBJECT:

Control column free play.

### BACKGROUND:

PZL Bulletin BR-09/80 requests the modification of control columns to remove excessive free play caused by loosening tubular rivets.

### ACTION REQUIRED:

(1) Inspection Before next flight inspect the control column for free play in its attachment to its bottom housing. If no free play is present this modification can be deferred until the next Form 2 inspection.

If free play is found, at the inspectors discretion, the rivets must be replaced immediately or within a short flight time.

### MODIFICATION:

- (1) Remove the control column including the bottom housing from the aircraft.
- (2) Factory supplied bolts (M6) washers and nuts should be available through the Australian distributor.
- (3) Remove one rivet and sleeve and replace with a high tolerance bolt, reaming to 8.2 H7 fit, countersinking to remove sharp edge under the bolt head (Ref. Fig. 1.)
- (4) Repeat the process for the second bolt to Fig. 1.
- (5) If factory supplied bolts are not available manufacture 2 bolts to details on Sheet 2, reaming holes selectively, fit nyloc nuts and washers.
- (6) Modification details to be entered into the glider's log book.

### COMPLIANCE DATE:

- (1) Before next flight -
  - (a) Inspect for free play
  - (b) Modify if excessive
- (2) At next Form 2 inspection -
  - (1) Incorporate this modification fully.

### IMPLEMENTATION:

To be carried out by the holder of an 1109 endorsed for metal repair minor. Installation back into the glider to be checked by the holder of an 1109 endorsed for C. of A. any type.

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.

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M.P. BURNS.

CHIEF TECHNICAL OFFICER AIRWORTHINESS  
GLIDING FEDERATION OF AUSTRALIA



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Fig. 1.

