



THE GLIDING FEDERATION OF AUSTRALIA

130, WIRRAWAY ROAD, ESSENDON AIRPORT VICTORIA 3041.

GFA/AD 248

ISSUE: 1

AIRWORTHINESS DIRECTIVE GLIDERS/POWERED SAILPLANES

TYPES AFFECTED:

Rolladen Schneider Models -
LS3, LS3A, LS3-17 all serial Numbers.
LS4 as listed on bulletin 4010

BACKGROUND:

Rolladen Schneider Service bulletins 3033 and 4010, attached as sheets 2,3, and 4, outline an inspection and possible rectification procedure for in service cracking of the trim weight attachment bracket.

ACTION REQUIRED:

Before next flight:-

Inspect and rectify in accordance with Bulletin 3033/4010 attached.

IMPLEMENTATION:

Inspection and rectification to be carried out by holder of a DoA 1109 endorsed "Component Replacement" (any type).
Details to be entered into glider logbook.

COMPLIANCE:

The requirements of this Airworthiness Directive are mandatory. This Directive is issued pursuant to Air Navigation Regulations under the delegated authority of the Secretary of the Department of Aviation.

Issued by ;

Chief Technical Officer
Airworthiness

Date; 9/11/82

For and on Behalf of ;

GLIDING FEDERATION OF AUSTRALIA

Sht. 1 of 4

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Subject: Forward trim weight attachment bracket

Effectivity: Sailplane models LS3, LS3-a, LS3-17 all serial numbers.
LS4 S/N 4000-4078, 4080-4097, 4099-4116, 4118-4120,
4122-4153, 4159-4163, 4167-4169, 4171, 4180, 4181, 4184-419
4194, 4196-4203, 4205, 4206, 4208, 4209, 4211, 4213-4217,
4242, 4243, 4245-4247, 4253, 4255, 4262, 4263, 4266, 4267,
4271, 4274, 4276-4278, 4280, 4285, 4324.

Accomplishment: Before next flight

Reason: At trim weight attachment bracket cracks around fitting
hole occurred in one case.

Material and
Instructions: Disassemble bracket and check for cracks. (4 mm hex key).
Case 1: No cracks detectable and fitting hole is 40 to 52 mm
(1.57 to 2 in) above trim weight support - reassemble
bracket using large washer according to drawing
4BR-48.
Case 2: Cracks could be found or fitting hole is above given
range - proceed as detailed in Fitting Instruction
for 4BR-48.

Weight and Balance: Not affected.

Remarks: Check-out and case 1 by experienced person () and
according remark into logbook.
For case 2 performance should be supervised and entered
into logbook by inspector.
Fitting Instruction for 4BR-48 and material may be ordered
from manufacturer stating cause and S/N.

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Only fitting hole is out of given range:

- a) Take canopy off.
- b) Dismount canopy gas strut at forward end.
- c) Fit bracket provisionally using existing hole.
- d) Drill new hole of 6.1 mm in diameter (o.24 in, use drill of drill number size C) 12 mm (o.5 in) above square tube of pedal guide.
- e) Mount bracket according to drawing 4BR-48 using large washer, connect gas strut.

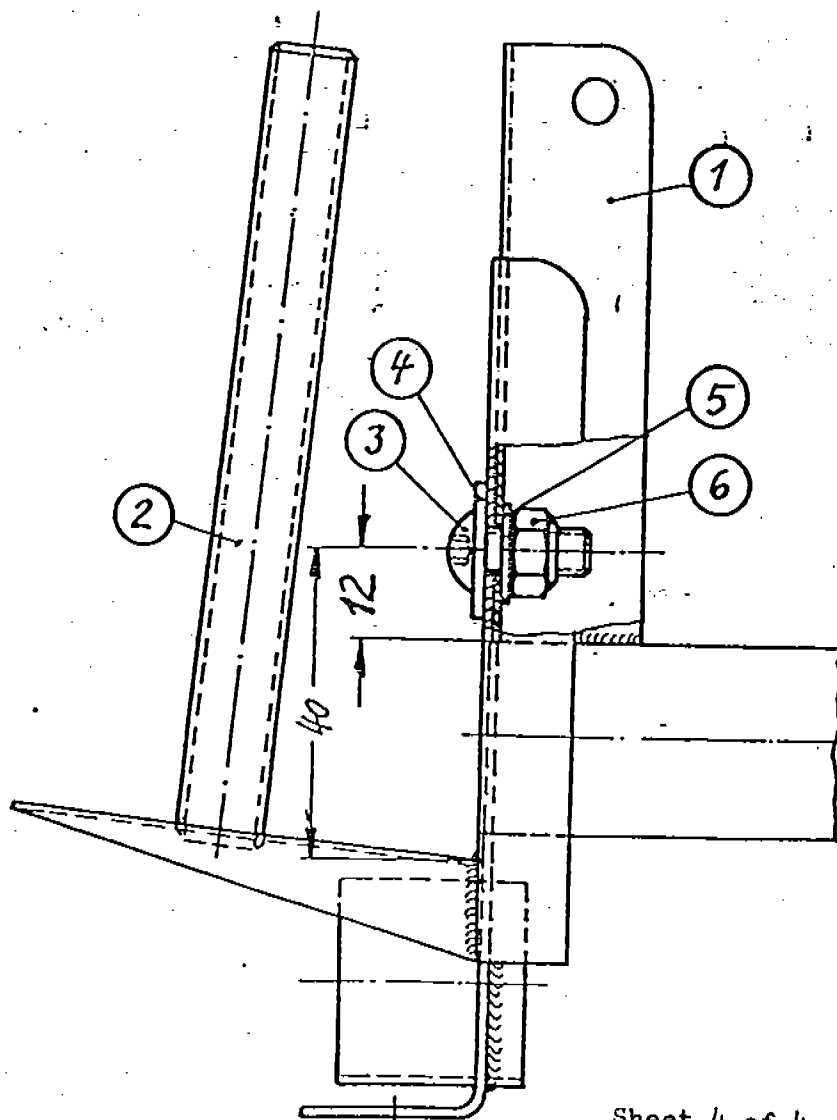
Cracks have been found:

- a) Set circular cutout of new bracket onto tube of pedal guide.
- b) Mark hole on bracket.
- c) Drill hole, see above under d)
- d) Mount bracket according to drawing 4BR-48 using large washer.

If both possibilities apply, a new bracket must be used and a new hole drilled into pedal guide.

16			Chapter		Rolladen-Schneider Segelflugzeugbau			Maßstab: 1:1	
	Datum		Name		Benennung:			Zeichn.-Nr.: AD 248	
Bea.	6.04.82		Leuschke		Montage Trimmbleihalterung			4 BR - 43	
Gepr.			in		Fitting of trim weight attachment bracket				
Oberflächensch.:					Kommt vor:			Ers. durch:	
Rißprüfung:					LS3, LS3-a, LS3-17, LS4			Enst. aus:	
Pos.	Stck.	Benennung			DIN/LN	Werkstoff	Zeichn.-Nr.	Sach.-Nr.	
1	1	Pedalführungsbock					1R8-6a		
2	1	Trimmbleihalterung					4R8-19a		
3	1	Linsenschraube M6x16 oder				10.9			
		Zylinderschraube mit niedrigem Kopf			DIN 7984				
4	1	Scheibe B6.4			DIN 9021	St			
5	1	Scheibe B6.4			DIN 125	St			
6	1	Sechskantmutter M6			LN 9348				

- 1 Pedal guide
 2 Trim weight attachment bracket
 3 Oval head screw M6x16 or hexagon head screw with low head
 4 Washer 18mm outside diameter
 5 Washer
 6 M6 locking nut



Zus.	A-M-Nr.	Dat.	Name