

GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS:

Ref. No. GFA/ AD. 207
ROLLADEN SCHNEIDER 18.

GLIDER TYPES AFFECTED:

Rolladen Schneider LS-1F, Serial Nos. 272, 424, 426, 464-467, 473, 478, 479, 481-490.

LS-3. LS3-VI, LS-3A, LS3-17, LS3-AKE, LS-3Standard - All Serial numbers.

LS-4, Serial Numbers 4000-4004, 4006-4010, 4012, 4013, 4015, 4018, 4020-4025, 4027, 4028, 4037-4040, 4042, 4045, 4047, 4048, 4050, 4068, 4075-4077, 4082, 4083, 4085, 4088, 4099.

BACKGROUND: Rolladen Schneider Technical Bulletin Nos. 41, 3026, 4004 advise that the electrical bonding between the control stick and C.G. release via the landing gear drive may be interrupted. Installation of a grounding cable between the control column and C.G. release according to the following instructions and drawing.

INSTRUCTIONS:

1. Take out rear half of seat, take out screws of forward seat half.
2. Drill hole of 3.5mm (approx 1/8") from cockpit through landing gear box left of release cable guide.
3. Take out forward C.G. release bolt (1), slip ground connector with cable (1.3m, 4 ft 3 in long, Area 1.5mm²) on bolt and reassemble bolt (1).
4. Route cable around pivot of landing gear swing arm (2) and through hole in landing gear box into cockpit).
5. Route cable through instrument tube guides until below control stick.
6. Skin 5 mm (0.2 in) of cable end, fit cable connector and press such, that second pressing clamps isolation.
7. Press bolt of control stick pivot (4) out using 6 mm rod, 70 mm (approx. 3 in) long. This keeps washer (5) in position.
8. Slip connector on bolt and reassemble stick pivot.
9. Cable must be free enough below stick to prevent damage of cable when deflecting stick.
10. Reassemble seat.

Materials may be obtained from the manufacturer or may be made up using insulated multi-strand flexible electrical conductor of 1.5mm² total cross section and suitably sized crimp lugs.

COMPLIANCE: The requirements of this Directive are mandatory and are to be carried out by 30th September, 1981.

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

Douglas Lyon

DOUGLAS LYON
CHIEF TECHNICAL OFFICER AIRWORTHINESS
GLIDING FEDERATION OF AUSTRALIA.