

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

**CANCELLED**  
AIRWORTHINESS DIRECTIVE - GLIDERS

**9-11-2017**  
GFA/AD 99 R. SCHNEIDER 6

Glider Types affected: Rolladen Schneider L.S.1F

Background:

A number of Technical Bulletins relating to L.S.1 series gliders have been received which, however, do not relate to gliders currently on the Australian Register with the exception of Technical Bulletin No. 22 which supplements G.F.A. General AD/1 regarding replacement of hemp cored control cable. The following relates to the replacement procedure applicable to L.S.1 series gliders.

Required Action:

To replace the rudder cables of L.S.1 series O, a, b, c, d, ef, e and L.S.1F.

- (1) Cut the rudder cables in the nose of the fuselage and pull it off the guide tube of rudder cable.
- (2) Thread in the replacement cable through the cable guides of the pedals.
- (3) Connect the end of the cable to the loosened turnbuckle screws and swage the cable connection using No. 4 Talurit Aluminium clamp for wire cable B 3.2 mm LN9374 and thimble A3 DIN 6899 or 1/8" dia. 7 x 19 cable and thimble to spec MIL-W-1511A (galvanised) or MIL-C-5424 (stainless).
- (4) Temporarily connect the old rudder cable to the new cable and pull the new cable from the cockpit through all cable guides in the fuselage up to the connection to the rudder.
- (5) Adjust the turnbuckles to their mid-length and adjust the cable length at pedals and rudder in neutral position and the angle of the rudder pedals unchanged.
- (6) After careful and accurate adjustment of the cable length undo the turnbuckle and draw out the cable at the rear end of the fuselage until the cable connection can be completed as (3) above.
- (7) Assemble the rudder control system and readjust the turnbuckles and lock in the finally adjusted position.

Material:- Cable B 3.2 mm LN9374 and thimble A3 DIN 6899 or 1/8" dia. 7 x 19 cable and thimble to spec MIL-W-1511A (galvanised) or MIL-C-5424 (stainless).  
Talurit Aluminium Cable Clamps No. 4  
Soft flexible P.V.C. hose 8 x 1 for covering rear cable clamps.

The correct replacement of the cables is to be supervised and certified in the glider's log book by the holder of a Glider Inspector's Certificate Form CA.1109 endorsed for C. of A. Inspections.

Compliance:

The requirements of this directive are mandatory.

This Airworthiness Directive is issued pursuant to Air Navigation Regulations under the Delegated Authority from the Secretary, Department of Transport.

*Douglas Lyon*

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Douglas Lyon.  
CHIEF TECHNICAL OFFICER AIRWORTHINESS