

COMMONWEALTH OF AUSTRALIA  
DEPARTMENT OF TRANSPORT  
AIR TRANSPORT GROUP

Airworthiness Directive Gliders      GFA/R.Schneider/1/74

Glider Type Affected

Lemke/Schneider LS-1.

Background


L.B.A. Airworthiness Directives Nos. 74-70 and No. 74-96 have been received which refer to replacement of the main wing attachment bolts and checking of the aileron shroud clearance.

Required Action

The requirements of the above mentioned airworthiness Directives are part of this Directive and are to be carried out before further flight.

Compliance

Actions as set out are mandatory. This directive is issued pursuant to Air Navigation Regulations under the delegated authority of the Director General of Civil Aviation.

  
Douglas Lyon  
CHIEF TECHNICAL OFFICER-AIRWORTHINESS  
GLIDING FEDERATION OF AUSTRALIA

Date of issue: 2nd July, 1974

Distribution:

Registered owners of the Type D.O.T.  
Air Transport Group  
GTO/A, CTO/OPS & R.T.O's A  
G.F.A. Secretariat

Airworthiness Directive

74-96 Rolladen Schneider

June 5, 1974

Affected Glider Model: LS 1

German Type Certificate No. 262

All Models

All Serial Numbers

Reason

Owing to inaccuracy or warp the upwards deflected aileron can be blocked by the lower seal of the aileron slot if the wing is exposed to negative loads.

Action

1. Check of aileron-gap with aileron in neutral position:  
The vertical distance between the lower seal of the aileron slot and lower aileron lip (Dimension according to sketch (A) must at no place be smaller than 1.5 mm (0.06 inch).
2. Check of aileron-gap with aileron deflected upwards 40 mm (1.6 inch):  
The horizontal distance between the lower seal of the aileron slot and aileron-leading-edge (Dimension according to sketch (B) must at no place be smaller than 1.5 mm (0.06 inch).
3. If at any place a smaller distance is found, the accurate distance as given above, are to be established by grinding or shortening of the lower seal of the aileron slot.

Note

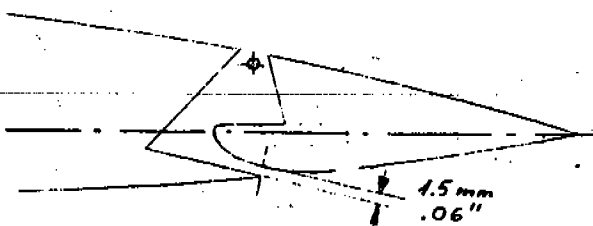
It is recommended to check the dimension of the gap by inserting a small plate of 1.5 mm (0.06 inch) thickness.

Compliance

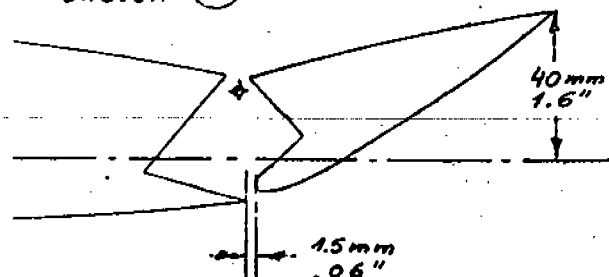
Before next flight

Accomplishment to be entered in the glider's log by a licensed inspector.

Skizze  
Sketch (A)



Skizze  
Sketch (B)



AD 30

June 5, 1974

Airworthiness Directive

74-70 Rolladen Schneider

Affected Glider Model: LS 1

German Type Certificate No.262

All Models

Serial-No.38,67,68,69,70,71,72,73,74,75,76,77,78,  
79,80,81,83,84,85,86,87,88,89,90,91,95,96,97,98,  
99,100,101,102,103,104,105,107,109,110,111,112,  
113,114,115,116,117,118,119,120,121,122,123,124,  
125,126,127,128,129,130,132,133,134,135,136,139,  
140,141,143,144,147,148,149,151,153,155,156,157,  
158,167,190,200,201,202,203,204,205,206,207,208,  
209,210,211,212,213,214.

Reason:

Possible longitudinal cracks at bolt material as a result of a material defect.

Accomplishment Instructions:

On all affected gliders the main wing - attachment bolts - shown in drawing No.F.3.2a-should be replaced in accordance with the Technische Mitteilung Ls 1 - TM 20 dated May 28, 1974.

Remark:

The main wing - attachment bolts will be supplied free of charge as soon

Messrs.Rolladen Schneider OHG

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has received the old bolts.

Accomplishment to be entered in the glider's log.