

DG – LS (Rolladen-Schneider) (Germany)

CONTACT

McLean Aviation, Rufforth Airfield, Rufforth. York, North Yorkshire. YO23 3NA. Tel: 01904 738653

Airworthiness Directives

[LBA](#) [EASA](#) [Factory ADs and TNs](#)

Type Certificate Data Sheet

[LS Sailplanes](#)

Advice from Technical Committee

Status	Subject	Detail	Reference Information	TNS
	Landing Gear Collapse	To avoid landing gear collapse, check over centre and gas strut as per maintenance manual		6-2013

LS-1 Series

[LS 1F Data Sheet](#)

LS1 In Service Reports Advisory

Status	Subject	Detail	Reference Information	TNS
	Trim spring failure	At lever		08/80
	Elevator flutter	Backlash tolerance, Flight Manual		04/84
	Loose wing root rib pins	Inspection		06/88
	Bent aileron push rod	jammed in root rib (USA)		12/90

LS-3 Series

[LS 3 Data Sheet](#) [LS 3A & 17 Data Sheet](#)

LS3 In Service Reports - Advisory

Status	Subject	Detail	Reference Information	TNS
	Trim spring failure	Inspect annually		08/80
	Canopy jettison	Jammed by long instruments		05/81
	Wing root pins become loose	Inspect and repair if necessary		06/88
	Upper airbrake paddle	May foul control rod bolt file clearance if necessary		12/86
	Flying controls	Elevator control rod upper connector bold wrong way round fouling elevator		04/05
	Flying controls	Elevator connector ball race failed		04/05

DG – LS (Rolladen-Schneider) (Germany)

LS-4 Series

[LS 4 Data Sheet](#)

[LS 4 A & B Data Sheet](#)

LS4 In Service Reports Advisory

Status	Subject	Detail	Reference Information	TNS
	Seat adjusting cable collet	May foul airbrake lever bend seat support tube as necessary		12/82
	Wing root pins become loose	Inspect and repair if necessary		06/88
	U/C gas strut	Load 12-15 Kg at U/C joint		
	Rudder pedal/canopy support structure	Cracks in fore & aft square tube		04/99
	Landing gear	Undercarriage collapse due to failed rod end in folding mech.		5-2006
	Canopy support	Broken weld at attachment to rudder pedal structure		4-2008
	Landing gear	Failed and distorted mountings		1-2014

LS-6 Series

[LS 6A Data Sheet](#)

[LS 6B Data Sheet](#)

[LS 6C 15 & 17 Data Sheet](#)

[LS 6C 15 & 18 Data Sheet](#)

Status	Subject	Detail	Reference Information	TNS
R	Flying controls	Inspection for missing nuts on elevator rear bell crank	BGA 039/01/2004 issue 1	02/04

LS6 In Service Reports Advisory

Status	Subject	Detail	Reference Information	TNS
	Upper rudder hinge	Limit of radial play 0,5 mm	TB 6017	10/88
	Lower rudder hinge	Retaining nut lose		02/92
	Lower air brake paddle mount	Cracks		02/94
	Airbrakes jamming	(LS-6C) trim brake cap		02/95
	Airbrakes jamming	Bent operating arms		1-2013

LS-7 Series

[LS 7 Data Sheet](#)

Status	Subject	Detail	Reference Information	TNS
R	Flying controls	Inspection for missing nuts on elevator rear bell crank	BGA 039/01/2004 issue 1	02/04

LS7 In Service Reports Advisory

None

DG – LS (Rolladen-Schneider) (Germany)

LS-8 Series

[LS 8 Data Sheet](#)

Status	Subject	Detail	Reference Information	TNS
--------	---------	--------	-----------------------	-----

R	Flying controls	Inspection for missing nuts on elevator rear bell crank	BGA 039/01/2004 issue 1	02/04
---	-----------------	---	---	-----------------------

LS8 In Service Reports Advisory

Status	Subject	Detail	Reference Information	TNS
--------	---------	--------	-----------------------	-----

	Rudder travel restriction	Cable conduits loose in fin - secure by gluing		04/99
R	Canopy Jettison	T bar welds fouling on slot sides. Check clearance		02/03
	Rudder	Rudder cable hang up. Cable outer displaced by tail dump cable		6-2013