



GFA AIRWORTHINESS DIRECTIVE

CANCELLED 21/05/2020

REFER TYPE CERTIFICATE HOLDERS CURRENT DATA

TYPE AFFECTED: LS-7WL, all serial numbers.
SUBJECT: Extension of service life and amendments to Maintenance Manual.

BACKGROUND: Test have shown that an extension of service life may be increased to 12,000 hours if each individual sailplane is checked according to a factory-approved life-extension program.

DOCUMENTATION: Rolladen-Schneider Technical Bulletin No 7015 and the associated Maintenance Manual amendments form part of this AD.

ACTION REQUIRED: Exchange the Maintenance Manual pages and carry out manufacturer's life extension program in accordance with Technical Bulletin No 7015.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION: Exchange Maintenance Manual pages on receipt of this AD and carry out life-extension program before 3,000 hours total time in service.

COMPLIANCE: The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.

SIGNED:

For and on behalf of:

CHIEF TECHNICAL OFFICER AIRWORTHINESS

THE GLIDING FEDERATION
OF AUSTRALIA

Rolladen-Schneider Flugzeugbau GmbH LBA.NSD.002	Technical Bulletin No. 7015	LS 7-WL	Page 1 von 1 Edition 15.Nov. 2001
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Subject: Increase of Service Life.

Effectivity: **LS 7, Version LS 7-WL, all serial numbers.**

Accomplishment: Before reaching 3000 hours service life.

Reason: Results of supplementary serviceability tests at main spar booms for wings proved that service life of GRP-sailplanes maybe increased up to 12000 hours, if airworthiness of each single sailplane is checked according to a special multiple-stage inspection program as included into the Maintenance Manual.

Material and Instructions: Pages as given below should be exchanged in **LS7-WL** Maintenance Manual:

Pages 0-1, 0-2, 5-1, 5-2 and 5-3 against Rev.1, Edition Nov. 2001.

Accomplishment must be entered into page 14-1 TB-AD-Accomplishment List in Maintenance Manual by inspector

Remarks: This regulation does not affect annual inspections.

Inspections required in chapter "Inspection sequence to increase Service Life" of Maintenance Manual should only be carried out at the manufacturer or at an adequately licensed repair shop.

Results of inspections must be recorded in an inspection report, commenting to each inspection step. If inspections are not carried out at the manufacturer, a copy of the report must be sent to him for analysis.

LBA-approved:



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05.12.01

Prepared: 15. November 2001 <i>[Signature]</i>	Verified: <i>[Signature]</i>
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Pages included

Chapter	Page	Date	Chapter	Page	Date
0	0-1	Nov. 2001	6	6-1	Oct. 15, 1992
	0-2	Nov. 2001		6-2	Oct. 15, 1992
	0-3	Oct. 15, 1992		6-3	Oct. 15, 1992
	0-4	Oct. 15, 1992	8	8-1	Oct. 15, 1992
1	1-1	Oct. 15, 1992		8-2	Oct. 15, 1992
	1-2	Oct. 15, 1992	10	10-1	Oct. 15, 1992
	1-3	Oct. 15, 1992		10-2	Oct. 15, 1992
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	1-6	Oct. 15, 1992	12	12-1	Oct. 15, 1992
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2	2-1	Oct. 15, 1992	13	13-1	Oct. 15, 1992
	2-2	Oct. 15, 1992		13-2	Oct. 15, 1992
	2-3	Oct. 15, 1992	14	14-1	Oct. 15, 1992
	2-4	Oct. 15, 1992		14-2	Oct. 15, 1992
	2-5	Oct. 15, 1992		14-3	Oct. 15, 1992
	2-6	Oct. 15, 1992		14-4	Oct. 15, 1992
	2-7	Oct. 15, 1992		14-5	Oct. 15, 1992
	2-8	Oct. 15, 1992		14-6	May. 15, 1989
	2-9	Oct. 15, 1992		14-7	Oct. 15, 1992
3	3-1	Oct. 15, 1992		14-8	Oct. 15, 1992
	3-2	Oct. 15, 1992		14-9	Oct. 15, 1992
	3-3	Oct. 15, 1992		14-10	Oct. 15, 1992
	3-4	Oct. 15, 1992		14-11	Oct. 1999
	3-5	Oct. 15, 1992	15	15-1	Oct. 15, 1992
	3-6	Oct. 15, 1992			
	3-7	Oct. 15, 1992			
	3-8	Oct. 15, 1992			
4	4-1	Oct. 15, 1992			
	4-2	Oct. 15, 1992			
	4-3	Oct. 15, 1992			
	4-4	Oct. 15, 1992			
	4-5	Oct. 15, 1992			
	4-6	Oct. 15, 1992			
	4-7	Oct. 15, 1992			
	4-8	Oct. 15, 1992			
5	5-1	Nov. 2001			
	5-2	Nov. 2001			
	5-3	Nov. 2001			

Edition: Nov. 2001

Revision – 1 (TB 7015)

Page 0-4

Prepared:
15. November 2001 *Gunk*
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Verified: *Wapka*

Airworthiness Limitations

1. Sailplane structural life limit:: **3000 hours** total flying time
The life limit may be increased according to the procedure outlined on page 5-3 stepwise up to **12000 hours** total flying time.

2. Safety harness Autoflug
 FAG-7H lap belt with multiple point buckle
 shoulder strap
 (Lap belt with bracket 4R11-22a sewn in)
 Webbing life limit 12 years from manufacturing date)*

3. Safety harness Gadringer
 Bagu 5303 lap belt with multiple point buckle
 Schugu 2700 shoulder strap
 (Lap belt with bracket 4R11-22a sewn in)
 Webbing life limit 12 years from manufacturing date)*

)* See also Maintenance- and Operating Instructions of manufacturers.

Note: Repair damage prior to next flight.

When in doubt, weather a "small repair" or a "major repair" is necessary, contact the manufacturer.

"Major repairs" must be accomplished in accordance with Rolladen-Schneider repair methods at national authorities-certified repair stations rated for composite aircraft structure work, at FAA Certificated Repair Stations, or by other qualified persons authorised to perform maintenance on composite structures.

Certain "major repairs" may only performed by the manufacturer due to necessary jigs. This has to be checked with the manufacturer for the case in question.

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Prepared: 15. November 2001 <i>Stumpf</i>	Verified: <i>W. Hapla</i>
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Inspection Sequence to Increase Service Life

1. General

Results of supplementary serviceability tests at main spar booms for wings proved, that service life of FRP sailplanes may be increased to 12.000 hours if airworthiness of each single sailplane (in addition to annual inspections) is checked according to a special multi-step inspection programme.

2. Schedule

When the sailplane has reached 3000 hours service life an inspection according to the programme mentioned under 3. Must be carried out. If the result of the inspection is positive or found defects repaired properly, the service life of this sailplane will be increased by 3000 hours to 6000 hours (1. Step).

The inspection routine should be repeated when reaching 6000 hours. With a positive result or found defects repaired properly, service life will be increased by another 3000 hours to 9000 hours (2. Step).

The inspection routine should be repeated when reaching 9000 hours. With a positive result or found defects repaired properly, service life will be increased by 1000 hours each to 10000 hours (3. Step), 11000 hours (4. Step) and 12000 hours (5. Step).

3. The valid **Inspection Programme** should be requested from the manufacturer stating serial number and service time.

4. Inspections should be carried out at the manufacturer or an adequately licenced repair shop.

5. Results of inspections must be recorded in an inspection report, commenting to each inspection step. If inspections are not carried out at the manufacturer, a copy of the report must be sent to them for analysis.

6. This inspection does not affect annual inspections.

Serial Number: _____ Reg. Signs: _____ Year of Manuf.: _____

TB numbers not included are not relevant for this model !

TB LBA-AD	Components concerned	Date	Steps / Modification	1*	Periodical	Time Limit	Accomplishment Inspector
<u>7003</u> 91-110	Pedal adjustment cable guide	Mar. 91	Inspection of lateral play	X	—	Before next Flight	
<u>7004</u> 91-172	Deflector at automatic aileron connector	Sep. 91	Inspection, exchange, if bent		—	Before next flight	
<u>7005</u>	Cockpit modifications	Jan. 92	For S/N 7022 only	X	—		N/A
<u>7006</u>	Type Certification France	Jan. 92	For Export to France only		—		
<u>7007</u>	Removable wingtips	Jun. 92	Modification	1*	—	Opt.	
<u>7008</u>	Winglets	22.12.92	LS7 modification to LS7-WL	X	—	Opt.	
<u>7011</u> 99-267/2	Canopy jettison for 40 cm wide instrument panel	08.06.99	Installation of deflector 3R7-73	X	—	Before next flight	
<u>7012</u>	Nose hook	01.06.99	Additional installation	X	—	Opt.	
<u>7013</u> 00-083	Wing air brake levers	14.Sep.99	Check for corrosion and possible jamming	X	—	Before next flight	
<u>7015</u> 01-xxx	Increase of Service Life up to 12000 h	15.11.01	Update Maintenance Manual	—	X	Before 3000 h	

Prepared: 05.12.01	Verified:	Complies:
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19 DEC 2001

BY:.....



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Ihre Zeichen:

Ihre Nachricht vom:

Unser Zeichen:

GS / BRTME (48)

Datum:

12.Dec.2001

Regards: Technical Bulletins

Ladies and Gentlemen,

Find included the following newly released Technical Bulletin:

TB 7015 for LS7-WL (LBA approved, will be published as LBA-AD)
Upated TB-AD-List

We can offer distribution of Technical Bulletins to you from now on as appendix to an email,
when you let us know your address.

Yours sincerely

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33 002 700	BLZ 506 521 24
7 313 578	BLZ 505 922 00
3 677 077	BLZ 508 400 05
7 837 800	BLZ 505 700 18
658 82-609	BLZ 500 100 60