

Flight Manual LS7

0.1 Log of Revisions

Any revision of the present manual, except actual weighing data, must be recorded in the following table and in case of approved sections endorsed by the responsible airworthiness authority.

The new or amended text in the revised page will be indicated by a black vertical line in the right hand margin, and the revision No. and the date will be shown on the bottom of the page.

Rev. No.	Pages affected	Description	Date of issue	Approval	Date of approval
1	Chapter 0, 2 up to 5	LBA-approval included	10.08.1989	LBA	8.April 1999
2	0-1, 0-2, 3-1, 4-7	Tail fin tank volume conversion corrected	25.02.1991	LBA	8.April 1999
3	0-1, 1-2, 3-1, 4-2	TN7009 rev.1 LS-latch (Röger Hook)	Oct. 2010	EASA	3.11.2010
4	0-1, 0-2, 4-3	TN7017 Small tailwheel	January 2015	EASA	24.02.2015

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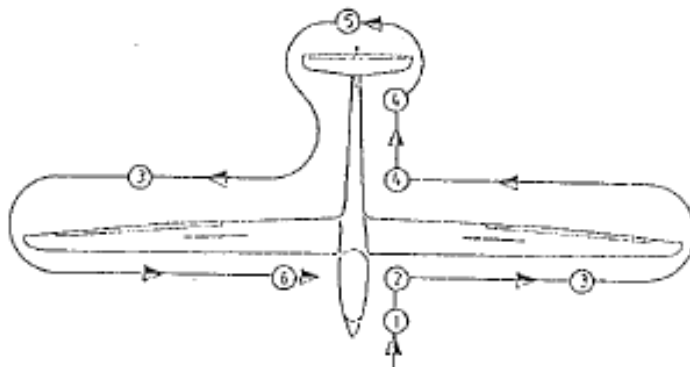
0.2 List of effective pages

Page	Issue Date	Current / TN	Page	Original	Current / TN
0-1	Aug. 30 1989	Jan.2015/7017	6-1	April 15 1989	
0-2	Aug. 30 1989	Jan.2015/7017	6-2	April 15 1989	
0-3	Aug. 30 1989				
			7-1	April 15 1989	
1-1	April 15 1989		7-2	April 15 1989	
1-2	April 15 1989		7-3	April 15 1989	
			7-4	April 15 1989	
2-1	Aug. 30 1989		7-5	April 15 1989	
2-2	Aug. 30 1989				
2-3	Aug. 30 1989		8-1	April 15 1989	
2-4	Aug. 30 1989		8-2	April 15 1989	
2-5	Aug. 30 1989		8-3	April 15 1989	
2-6	Aug. 30 1989		8-4	April 15 1989	
2-7	Aug. 30 1989		8-5	April 15 1989	
2-8	Aug. 30 1989				
3-1	Aug. 30 1989				
3-2	Aug. 30 1989	Oct.2010/7009			
4-1	Aug. 30 1989				
4-2	Aug. 30 1989				
4-3	Aug. 30 1989	Jan.2015/7017			
4-4	Aug. 30 1989	Oct.2010/7009			
4-5	Aug. 30 1989				
4-6	Aug. 30 1989				
4-7	Aug. 30 1989	Feb.1991/7002			
4-8	Aug. 30 1989				
4-9	Aug. 30 1989				
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4-15	Aug. 30 1989				
4-16	Aug. 30 1989				
5-1	Aug. 30 1989				
5-2	Aug. 30 1989				

Flight Manual LS7 Normal Procedures

4.3 DAILY INSPECTION

The Daily Inspection according to the following diagram and related checklist must be performed each day and is essential for flight safety.



1 Forward Fuselage

- Forward static pressure ports for clogging
- Function of nose hook, if fitted

2 Landing gear

- Recommended tyre pressure 3 to 3.5 bar (43 to 50 psi)
When using water ballast increase up to 4 bar (58 psi)
- Slip mark and tyre condition
- C.G. hook manual and automatic operation working properly
- Water drain orifices in front and behind of landing gear box free from clogging

3 Wings

- Water drain orifices at root and tip free from clogging
- Condition, gelcoat- or structural damage, cracks
- Attachment
- Air brakes for proper function and locking
- Ailerons for unobstructed movement and free from play

IMPORTANT NOTE: *The aileron sandwich is pressure sensitive, handle carefully!*

4 Fuselage

- Condition, gelcoat- or structural damage, cracks
- Rear static ports at fuselage boom free from clogging
- Recommended tail wheel pressure, if fitted, 2.5 to 3.5 bar (36 to 50 psi)
- Tailwheel pressure small tailwheel according to TN 7017, if installed: 6,2 bar/90 psi
- Water drain orifice in front of tail skid or tail wheel free from clogging
- Tail skid, if fitted, for proper adhesion

5 Tail Unit

- Condition, gelcoat or structural damage, cracks
- Total energy port at upper end of vertical tail fin leading edge and pitot pressure port below total energy port free from clogging
- Charged rear battery connected, if used
- Amount of vertical tail fin water ballast, if fitted, in correct relation to amount of wing water ballast