

Flight manual DG-500 ELAN ORION

0.1 Record 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 left hand of the page.

Rev. No.	Affected pages / section	Description	Issue Date	LBA Approval Date	Inserted Date Signature
1	0.3, 0.4, 1.4, 2.8, 4.11, 6.4, 6.8	TN 348/8 Ser.no 5E155-159 +5E164 only	Jan. 96	02.04.96	
2	0.3, 4.11	ÄM 500/9/96 not for Ser.no 5E155-159 +5E164	Mar. 96	12.06.96	
3	0.3, 0.4, 4.2, 4.18, 5.6, 6.7, 7.1, 7.9, 7.10	TN 348/9	Oct. 97	26.11.97	
4	0.1, 0.3, 0.4, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 4.7, 4.16, 4.18, 6.6, 7.6	Manual revision TN 348/14	March 2000	09.05.00	
5	0.3,0.4, 4.7, 7.6, 8.2	TN 348/15	Jan. 2001	07.02.01	
6	0.4, 7.5, 7.5a	TN 348/16 Parking brake/ Piggott-hook	February 2004	25.02.04	
Rev. No.	Affected pages / section	Description	Issue Date	EASA Approval Date	Inserted Date Signature
7	0.3, 0.4, 2.6, 2.7, 3.2-3.4, 4.1, 4.7, 4.15, 7.1, 7.8	TN 348/20 manual revision	May 2008	August 1. 2008	
8	0.4, 9.1, 9.2	Special equipment for very small pilots TN500/02	May 2010	20.07. 2010	

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0.2 List of effective pages (cont.)

<u>Section</u>	<u>page</u>	<u>issued</u>	<u>replaced</u>	<u>replaced</u>	<u>replaced</u>
5	App. 5.1	July 95			
	" 5.2	"			
	" 5.3	"			
	App. 5.4	"			
	5.5	"			
	5.6	"	Oct. 97		
6	6.1	"			
	6.2	"			
	6.3	"			
	6.4	"			
	6.4	Jan. 96 (only ser.no. 5E155-159)			
	6.5	July 95			
	6.6	"	March 00		
	6.7	"	Oct. 97		
	6.8	"			
	6.8	Jan. 96 (only ser.no. 5E155-159)			
	6.9	July 95			
7	7.1	"	Oct. 97	May 08	
	7.2	"			
	7.3	"			
	7.4	"			
	7.5	"	Febr. 04		
	7.5a	"	Febr. 04		
	7.6	"	March 00	Jan. 01	
	7.7	"			
	7.8	"	May 08		
	7.9	"	Oct. 97		
	7.10	"	Oct. 97		
8	8.1	"			
	8.2	"	Jan. 01		
	8.3	"			
	8.4	"			
	8.5	"			
9	9.1	July 95	May 10		
	9.2	May 10			

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9. Supplements

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9.1 Introduction

This section contains the appropriate supplements necessary to safely and efficiently operate the sailplane when equipped with various optional systems and equipment not provided with the standard sailplane.

9.2 List of inserted supplements

Date of insertion	Document No.	Title of the inserted supplement
May 2010	Section 9.3	Special equipment for very small pilots TN500/02

9.3 Special equipment for very small pilots (TN500/02)

To facilitate the operation of the glider by very small pilots 3 different items have been developed, which may be used separately or together.

9.3.1 Removable seat back for the front seat

- a) Installation of the seat back: Install the seat back with 2 screws M6x16 DIN965 4.8 BIC with cup washers 15 x M6 MS NI NR4157 to the threads which have been installed according to working instruction No. 1 for TN500/02.
- b) The seat back may be adjusted further to the front by part Z198. Fix the part to the Velcro straps installed at the rear of the seat back.
- c) Remove the head rest from the seat (screwed connection) and install a head cushion 8R80/2 to the Velcro straps installed at the front of the seat back. When removing the seat back reinstall the headrest.

9.3.2 Airbrake-pushrod with additional handle in front cockpit

For pilots with arms too short to lock the airbrakes an airbrake-pushrod with additional handle part 5St69/2 may be instead in the front cockpit according to working instruction No. 2 for TN500/02 instead of part 5St69.

This part may remain in the glider for normal operation.

9.3.3 Rudder pedal plates for rear cockpit Z197

Pilots with very short legs may clip rudder pedal plates part no. Z197 on to the rudder pedals. Plates may be installed and removed as often as desired.