DG Flugzeugbau GmbH
Otto-Lilienthal-Weg 2 / Am Flugplatz • D-76646 Bruchsal • Germany
Postbox 1480, D-76604 Bruchsal • Germany
Tel. 07251 3020-100 • Telefax 07251 3020-200 • eMail: dg@dg-flugzeugbau.de
Spare part and material sales: Tel. 07251 3020-270 • lager@dg-flugzeugbau.de
www.dg-flugzeugbau.de

F L I G H T M A N U A L

for the

M O T O R G L I D E R

DG-500MB

Model: DG-500MB
German Data Sheet No.: 843

Factory Serial No.: _____

Registration No.: _____

Date of Issue: July 1999

Pages as indicated by "App." are approved by:

(Signature) _____

(Authority) _____

(Stamp) _____

(Original date of approval) _____

This motorglider is to be operated in compliance with information and limitations contained herein.

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.

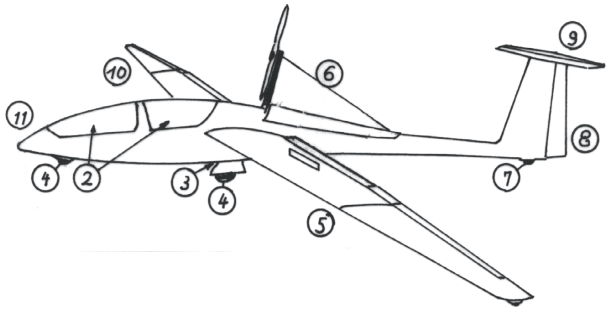
Rev. No.	Affected Pages/ section	Description	Issue Date	LBA Approval Date	Inserted Date Signature
1	0.5, 7.8	DEI circuit breaker, manual revision TN 843/13	Oct. 1999	03.11.99	
2	0.3, 4.8	Greasing schedule, manual revision	Jan. 2001	07.02.01	

0.2 List of effective pages

Section	page	issued	replaced/	replaced/	replaced/	replaced/
0		0.0	July 1999			
		0.1	-	Oct. 99	Jan. 01	
		0.2	Nov. 98			
		0.3	July 1999	Jan. 01		
		0.4	Nov. 98			
		0.5	"			
		0.6	"			
1		1.1	"			
		1.2	July 1999			
		1.3	Nov. 98			
		1.4	"			
		1.5	"			
		1.6	"			
		1.7	"			
2	App..	2.1	"			
	"	2.2	"			
	"	2.3	"			
	"	2.4	"			
	"	2.5	"			
	"	2.6	"			
	"	2.7	"			
	"	2.8	"			
	"	2.9	"			
	"	2.10	"			
	"	2.11	"			
	"	2.12	"			
3	"	3.1	"			
	"	3.2	"			
	"	3.3	"			
	"	3.4	"			
	"	3.5	"			
	"	3.6	"			
	"	3.7	"			
4	"	4.1	"			
	"	4.2	"			
	"	4.3	"			
	"	4.4	"			
	"	4.5	"			
	"	4.6	"			
	"	4.7	"			
	"	4.8	"	Jan.01		
	App.	4.9	"			

B Inspection after rigging

Walk around the aircraft



1. All parts of the airframe
   a) check for flaws such as bubbles, holes, bumps and cracks in the surface
   b) check leading and trailing edges of the wings and control surfaces for cracks
2. Cockpit area
   a) check the canopy locking mechanism
   b) check the canopy emergency release see sect. 7.15 (not each day, but min. every 3 month)
   c) check the main pin securing
      check the securing ropes of the headrest in the rear cockpit for wear and function
   d) check all controls for wear and function, incl. positive control check
   e) check the tow release system for wear and function incl. cable release check
   f) check for foreign objects
   g) check the instrumentation and radio for wear and function
   h) check the brake fluid level
   i) check if the fin tank is empty
   j) check the fuel filter for dirt and sludge
   k) check the engine controls
   l) check all fuses including the battery fuse
   m) check the extension-retraction mechanism by operating it in both directions. The extension time should not exceed 13 seconds!
      Note: If the mechanism can't be operated with the ignition switch or with the manual switch, check the circuit breaker.
   n) extend the engine with the manual switch