



**Service Bulletin
TM 869-14**

GROB
G 103C TWIN III SL

- Subject:**
- Installation of a manual control for the rudder
 - Installation of a gate-stop device for the airbrake operating lever
 - Modification of the engine operation
- Concerned:** G 103 C TWIN III SL, all S/N's
- Urgency:** optional
- Procedure:** The optional installation of a manual control for the rudder, of an airbrake operating lever gate-stop device and of a modified engine operation is offered, to make it possible for disabled pilots to fly the G 103 C TWIN III SL.
- Actions:**
1. The modification must be performed in accordance with the following drawings: (always **all** modifications must be installed)
 - No. 103SL-2000: "Fuselage"
 - No. 103SL-4200: "Controls in the fuselage"
 - No. 103SL-6800: "Engine operation"
 2. An additional placard must be installed in the front cockpit (refer to the MM TWIN III SL page 9.10, No. 45)
 3. In the Manuals has to be included:
 - Flight Manual Revision 4 (4/ 22.02.93), including Supplement No. 1
 - Maintenance Manual Revision 4 (4/ 22.02.93)
- Material:**
1. The pages of the Manuals are supplied with this Service Bulletin.
 2. The material for the modification is supplied by GROB.
- Weight and Balance:** After the modification the Empty Weight and the Center of Gravity must be determined.
- Remarks:**
1. The installation will be performed only by GROB and has to be certified in the logbook by an authorized inspector.
 2. Both versions must be included into production acceptance or annual inspections. A corresponding note has to be included into the inspection certificate.
 3. If you have sold your motorglider in the meantime, would you kindly pass this information on to the new owner and forward his name and address and aircraft S/N to us.

Mattsies, 22 February 1993


LBA approved:

This Service Bulletin is originally written in German and approved by the German LBA on the ~~10~~ March 1993 and is signed by Mr. A. Skov. The translation has been accomplished to the best of our knowledge and judgement. In case of doubt, the German original is authoritative.


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DATUM / DATE	ERSETZT AUSGABE / ISSUE EDITION	BEARBEITET / PREPARED BY	MUSTERGEPRÜFT / APPROVED BY	SEITE / PAGE
22.02.1993		R. Vodermeier		1 of 1

9.2 Verzeichnis der Ergänzungen

Erg. Nr.	Titel	Bezug	Dehstoffe Seiten Ände- rung	LBA an- erkannt
1	<ul style="list-style-type: none"> Einbau einer Handsteuerung für die Seitenruder-Betätigung Einbau einer Rasterung für den Bremsklappenhebel Änderung der Motorbedienung 	TM 869-14	<i>E 1.1</i> <i>E 1.2</i> <i>E 1.3</i>	

9.2 Table of Contents

Suppl. No.	Title	Reference	Pages	Rev.	LBA approved
1	<ul style="list-style-type: none"> Installation of a manual control for the rudder Installation of a gate-stop device for the air-brake operating lever Modification of the engine operation 	TM 869-14	3	-	

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S1.1
S1.2
S1.3