



Subject: Inspection and exchange of the lower sealing ring in the fuel shut-off valve.

Effectivity: Motorglider GROB G 109
s/n 6001 - 6159 (inclusive)
Motorglider GROB G 109 B
s/n 6200 - 6445 (inclusive)

Accomplishment: - Instruction 1 before next take-off
- Instruction 2 by 31 Dec. 1987

Reason: This Service Bulletin is caused by wear and tear of the lower sealing ring of the sealing piston in the fuel shut-off valve of a GROB G 109 B. It cannot be excluded that loosened parts of the sealing ring obstruct the fuel feed line. It is good practice to exchange the whole sealing unit.

Instructions: Instruction 1:

Inspection of the lower sealing ring at the sealing piston.

- 1.1 For this purpose, the sealing piston must be removed according to repair instructions to Service Bulletin TM 817-23.
- 1.2 If there is any wear and tear at the sealing ring, instruction 2 has to be performed.
- 1.3 If there is no wear and tear at the sealing ring, instruction 1 has to be carried out every four weeks until the sealing piston has been replaced according to instruction 2.

Instruction 2:

Exchange of the sealing piston.

- 2.1 Exchanging the sealing piston shall be done according to repair instructions to Service Bulletin TM 817-23.



2.2 If the exchange is carried out as a precaution, the check according to instruction 1 will not be applicable.

2.3 The exchange of the sealing piston has to be performed, however, by 31 Dec. 1987.

Material: The material and the repair instructions according to TM 817-23 shall be procured from the manufacturer.

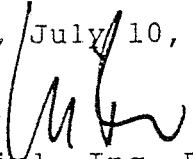
Weight and balance: No effect

Remarks: Instructions 1 and 2 can be carried out by qualified mechanics. The monthly check has to be certified in the log-book. The proper execution of instruction 2 has to be certified by an authorized inspector class 3 in the log-book.

Mattsies, July 10, 1987

LBA-approved on:

July 10, 1987


signed Dipl.-Ing. R. Rischer

P.S. In case you have sold your motorglider meanwhile, we ask you kindly to give this information immediately to the new owner and to let us know his address and serial number.

The translation has been done by best knowledge and judgement. In any case or doubt, the German original is authoritative. The German original of this Service Bulletin has been approved by the LBA under the date of July 10, 1987 and is signed by

