



Technical Information
TM 315-30

GROB
TWIN ASTIR
TWIN ASTIR
TRAINER

Subject: Inspection and exchange of the parallel-lever II 103-4320.05 at the rear pedal support of the rudder control.

Effectivity: Glider type TWIN ASTIR serial-number 3000-3291 (inclusive)
Glider type TWIN ASTIR TRAINER serial-number 3001-T-1 to 3284-T-44 (inclusive).

Accomplishment: - Instruction 1 before next flight.
- Instruction 2 not later than 1st January, 1986.

Reason: Cause of the Technical Information is a fracture of the rear parallel-lever at the rear pedal support of the rudder control, in the region of the left borehole.

For the time being, there occurs a pre-damage due to vibration cracks which, in an advanced stage, can lead to fracture.

As a precaution the parallel-lever of aluminium casting will be replaced by a lever of high tensile aluminium.

- Instructions:**
1. **Instruction:** Inspection of the parallel - lever for cracks.
 - 1.1. The parallel - lever is to be checked for cracks in the region of the left and right borehole before the next flight. For that purpose the points 1.-8. of the Repair Instruction no. 315-30, which is component part of the present Technical Information, are to be carried out.
For the inspection it is recommended to use a magnifying glass, a mirror and a lamp.
 - 1.2. If cracks are found, instruction 2 is to be carried out before next flight.
 - 1.3. If no cracks are found, it is not necessary to repeat instruction 1 till the exchange of the parallel-lever. Then assembly takes place in reverse sequence.
 2. **Instruction:** Exchange of the parallel-lever II 103-4320.05 of aluminium casting for a lever of high tensile aluminium.
 - 2.1. The exchange of the parallel-lever takes place according to Repair Instruction no. 315-30.

Material: The material according to the Repair Instruction to TM 315-30 can be obtained at the manufacturer.

Weight an balance: No influence

Remarks: Instruction 1 and instruction 2 have to be performed by an authorized aviation workshop. Its proper execution has to be certified in the log-book by an authorized inspector class 3.

Mattsies, October 1, 1985
ri-on

signed i. A. Dipl.-Ing. R. Rischer

P.S. In case you have sold your glider meanwhile, we ask you kindly to give this information immediately to the new owner and to let us know his address and the 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 Technical Information has been approved by the LBA under the date of October 10, 1985 and is signed by Schmaljohann.