

- Subject : Elevator control bearing stand RU19
- Effectivity : DG-100 and DG—100G: ser. No. 5, 21 up to 103
- Accomplishment : Instructions 1 prior to next take-off
Instructions 2 and 3: latest until December 31.2009
- Reason : This bearing stand was required to be checked for correct production with TN301/6 already published in 1978.
In 2009 an accident happened with a DG-100. It was detected that the suspension bolt was torn out of the bearing stand and thus the elevator couldn't be controlled. Although the inspection had been carried out by an approved workshop and the inspector certified that the bearing stand was OK the inspection after the occurrence showed that the bearing stand was not produced correctly.
The authorities assume that the inspection method of TN301/6 didn't produce reliable results and requires replacement of the bearing stand against a new one of the latest reinforced version.
- Instructions :
1. Check the bearing stand for cracks or white areas according to working instruction for TN 301/26 part A. If any damage was detected the bearing stand must be replaced prior to next take-off see instruction 3.
Otherwise the DG-100 may be operated up to the date of instruction 3.
2. Check the paperwork of the glider to establish if the bearing stand was already exchanged when executing TN301/6.
If the bearing stand was exchanged and no damage could be detected instruction 3 need not be executed.
3. Exchanging the bearing stand according to work instruction for TN 301/26 part B.
- Material : Working instruction for TN 301/26
Drawing St9a
Further material see working instruction for TN 301/26
- Weight and balance : influence negligible
- Remarks : Instruction No. 1 may be executed and entered in the aircraft logs by the pilot/owner himself.

Instruction No. 2 is to be executed by a licensed inspector..

Instruction No. 3 is to be executed by the manufacturer or by a licensed workshop. A release document form DG-F-301/26 is necessary, which indicates model and ser. no. of the aircraft in which the bearing stand is to be installed.
The release document must be requested from the TC holder (DG Flugzeugbau GmbH).

Instructions No. 2 and 3 are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date:
Aug. 4th 2009

Author: W. Dirks

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Wilhelm Dirks