

- Subject : Front landing gear operating handle / Teflon bush
- Effectivity : DG-500 all models, DG-500M model DG-500MB
from serial no. 5E169 up to 5E199
- Accomplishment : Instruction 1 prior to each take-off until instruction 2 has been executed
Instruction 2 up to April 30. 2000
- Reason : On one DG-500 the Teflon bush inside the pushrod of the front landing gear handle
came loose and slipped out so far that extending the landing gear completely was
no longer possible and a gear -up landing had to be executed.
On serial no's before 5E169 the bush was secured in a different manner, so that
those gliders are not affected by this TN.
- Instructions : Please refer to diagram 7 of the maintenance manual
1. Check prior to each take-off if the bush has moved out.
2. Exchange the landing gear handle 5FW39. See instructions below. The handle
will be delivered as an exchange part.
Working instructions
a) retract the landing gear
b) disassemble the rear connection of the pushrod located in the front of the
rear cockpit by removing split pin and clevis pin.
c) unscrew the guiding tube 5St68/2 in the front cockpit. Take it out together
with 5FW39 and remove it from 5FW39.
d) reverse the procedure to install the exchange part, use new split pin and
selflocking nut.
- Material : 1 landing gear handle/pushrod 5FW39
1 selflocking nut M6 LN9348
1 split pin 1,5x12 DIN 94 zn
- Weight and balance : no influence
- Remarks : The instructions may be executed by the owner.
They must be inspected and entered in the aircraft logs at the next annual
inspection.

Bruchsal, date: February
29.2000

LBA – approved:

Author:
Dipl. Ing. Wilhelm Dirks

The German original of this TN has been approved by
the LBA under the date of 17.03.2000 and is signed by
Mr. Kopp. The translation into English has been done
by best knowledge and judgement.

Type certification
inspector:
Dipl. Ing. Swen Lehner