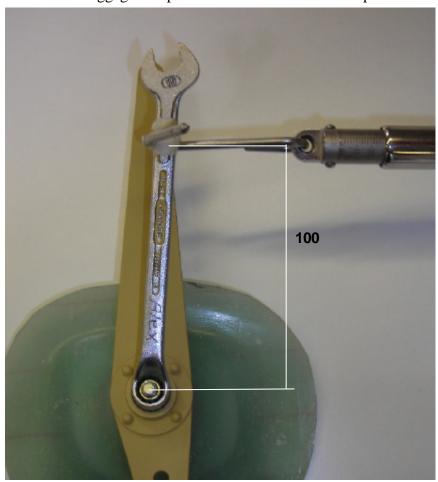
## DG Flugzeugbau GmbH Working instruction No. 1 for TN1000/12

## Check of the actual torque of the nut which fixes the bellcrank 5St19 to the bolt of the bearing stand

- 1. Derig the glider and remove the baggage compartment floor and back cover plate.
- 2. Identify the bellcrank 5St19 referring to diagram 1 of the maintenance manual.
- 3. The check should be executed with a torque wrench equipped with a 10 mm socket wrench.
  - Adjust the torque wrench to 3 Nm (2.2 ft.lb.) and try to retorque the nut. If retorquing was possible the actual torque was too low and instruction 2 of TN1000/12 (replacing the bolt) must be executed.
- 4. If no torque wrench is available which can be adjusted to a torque of 3 Nm the check may be executed with a 10mm spanner according to the photo below, Fix a spring balance measuring range 50N (5kg, 10 lbs.) or 100 N (10 kg, 200 lbs.) at a distance of 100mm (4 in.) from the centre of the nut to the spanner e.g. with tape. Retorque the nut with a force of 30 N (3 kg, 6 lbs.). If retorquing was possible the actual torque was too low and instruction 2 of TN1000/12 (replacing the bolt) must be executed.
- 5. If the nut had a torque of 3 Nm or higher and if you don't want to install the bracket (instruction 3 of TN1000/12) immediately retorque the nut with a torque wrench adjusted to a value of 12 Nm(9 ft. lb.)
- 6. Execute a control check.
- 7. Reinstall the baggage compartment floor and back cover plate.



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