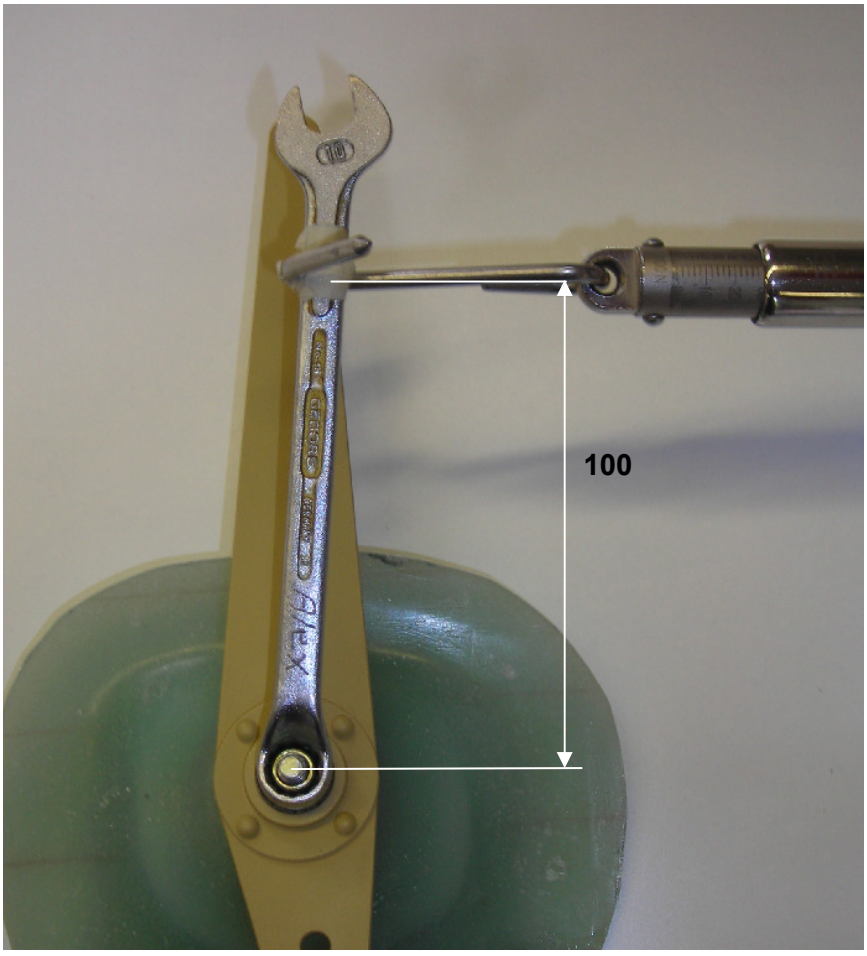
Working instruction No. 1 for TN348/19

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 TN348/19 (replacing the bolt) must be executed prior to the next flight.
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 TN348/19 (replacing the bolt) must be executed prior to the next flight.
5. If the nut had a torque of 3 Nm or higher and if you don't want to replace the bolt 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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