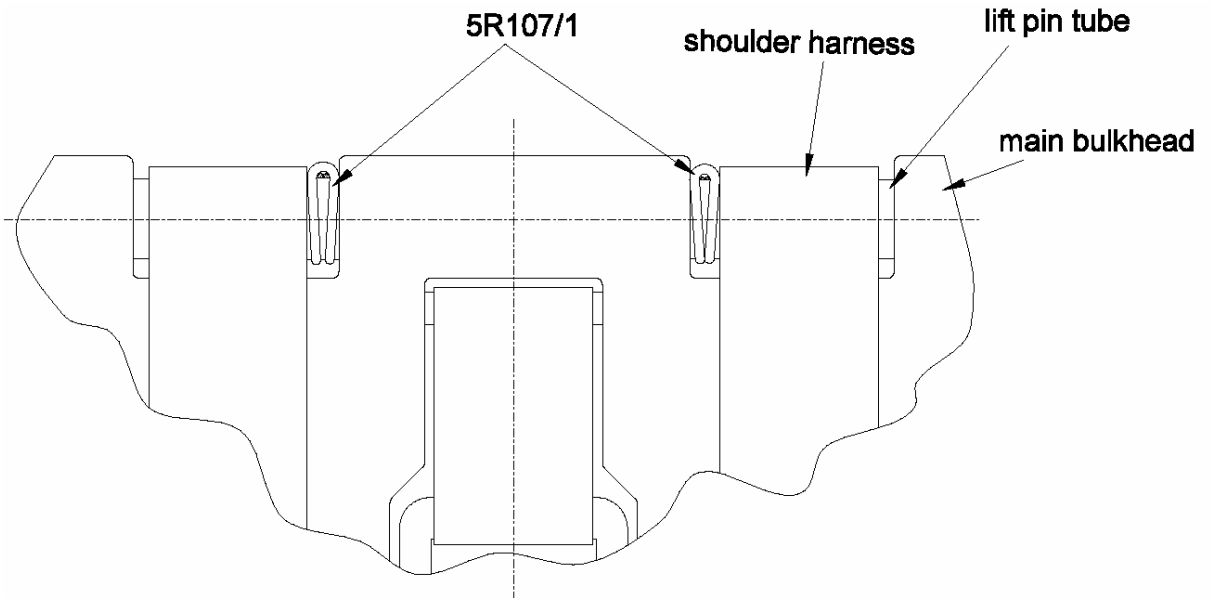
Working instruction No. 1 for TN348/20

Installing the headrest securing ropes in the rear cockpit

Note: The photos in this working instruction have been taken from a test stand and don't show the DG-500 main bulkhead.

1. Remove the old securing ropes.

2. Install the 2 loops 5R107/1 left and right beside the shoulder harness belts to the lift pin tube (see sketches and photos 1, 2, 4 and 5).



Sketch 1 (shown without headrest)

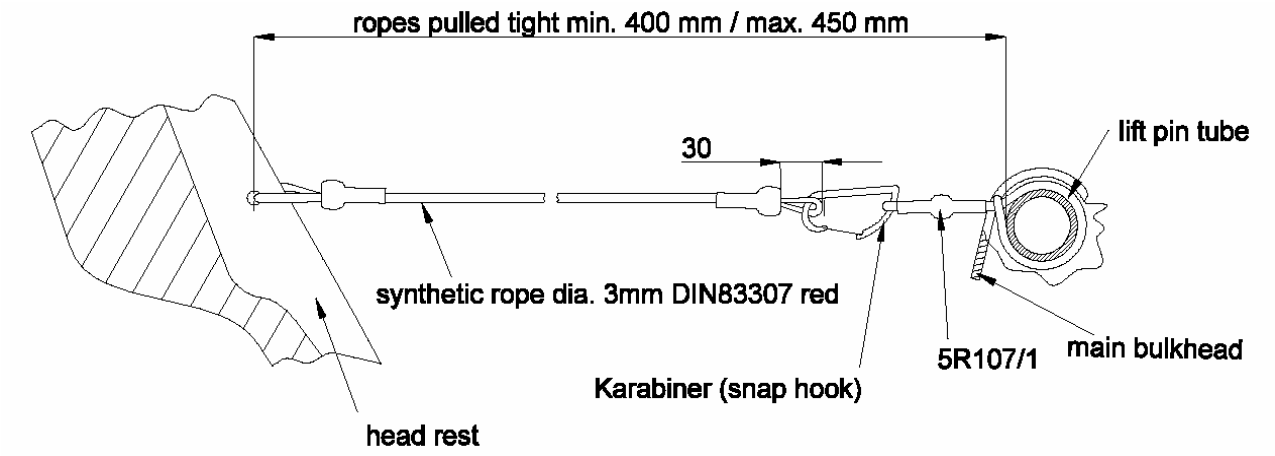
3. Installing new securing ropes to the headrest (see sketches and photos 2, 6 and 7):
   a) Insert one synthetic rope 600 mm long into the holes at the left hand side of the headrest and fix by knotting a Palstek. Secure the knot with heat shrink tubing (see photos 6)
   b) Slip a piece of heat shrink tubing onto the free end of the rope. Form a loop approx. 30 mm long and apply a knot according to sketch 7.
   Don't shrink the heat shrink tubing at this stage of work.
   Fix another rope to the right hand side in the same way.

4. Hook the Karabiners (snap hooks) into the loops to connect the ropes (see sketches and photos 2, 3 and 5).

5. Check: The distance between the holes in the headrest and the front side of the lift pin tube has to be min. 400 mm and max. 450 mm according to sketch 2 when pulled tight. Both ropes should have the same length.

6. Check: Pull the control stick into its aft position. The distance between the headrest and the upper end of the control stick (or the push to talk switch if installed) has to be min. 20 mm when the ropes are pulled tight.
   If necessary adjust the length of the ropes

7. Secure the knots from 3b) according to photo 7 with the heat shrink tubing already installed.



Sketch 2

Overall view



Photo 3

Installing the loops 5R107/1 according to item 2



Photo 4

Karabiner (snap hook) hooked in the loops according to item 4



Photo 5

Installation of the securing ropes at the head rest according to item 3 a)



Photo 6

Forming the loops at the securing ropes according to item 3 b)

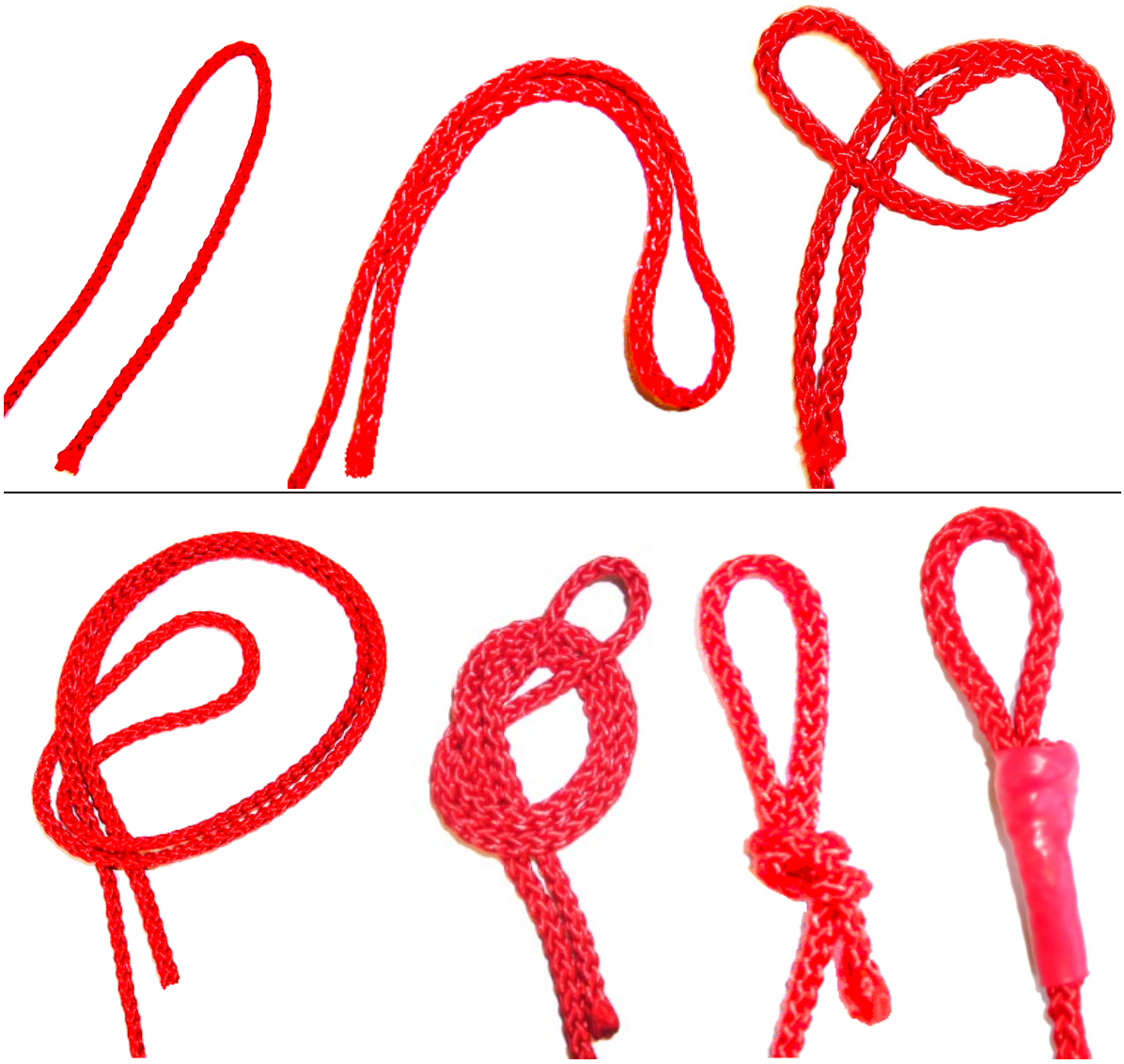


Photo 7

Material: retrofit kit part. no. 41060010

Caution:
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