

SUBJECT : Headrest for rear cockpit

EFFECTIVITY : DG-500 M, DG-500 all models / all serial
no's up to 5 E 135

ACCOMPLISHMENT : none, optional

REASON : The headrest which is standard from serial
no. 5 E 136 on, can be retrofitted on
earlier serial no's.

INSTRUCTIONS : Installation of the headrest according to
Installation instruction for TN 843-6/
348-5.

MATERIAL : Installation instruction for TN 843-6/
348-5
Retrofit kit see parts list in installation
instruction

WEIGHT AND
BALANCE : negligible

REMARKS : 1. It is not permissible to disconnect or to
remove the securing cords. With the cords
disconnected the headrest can rotate so
far forward that it will limit the back-
ward control stick displacement.
2. The installation can be executed by the
owner himself.

Bruchsal 4, date 24.02.94

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Type certification inspector:

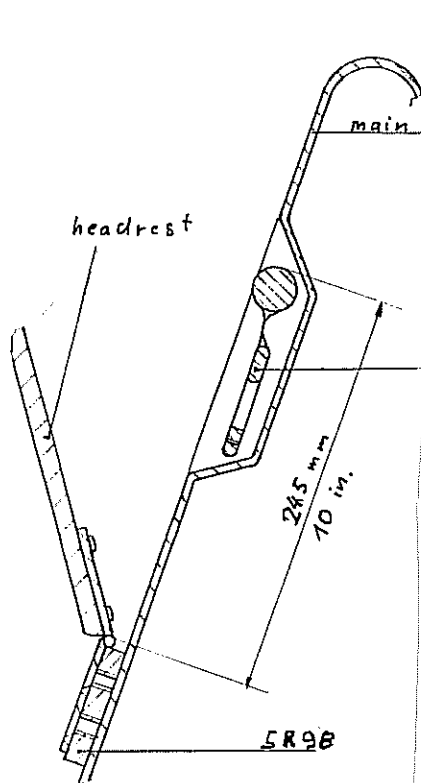
LBA - approved:

The German original of this TN has
been approved by the LBA under the
date of ~~09. März 1995~~ and is signed by
Mr. Fendt. The translation into Eng-
lish has been done by best knowledge
and judgement. In any case of doubt
the German original is authoritative

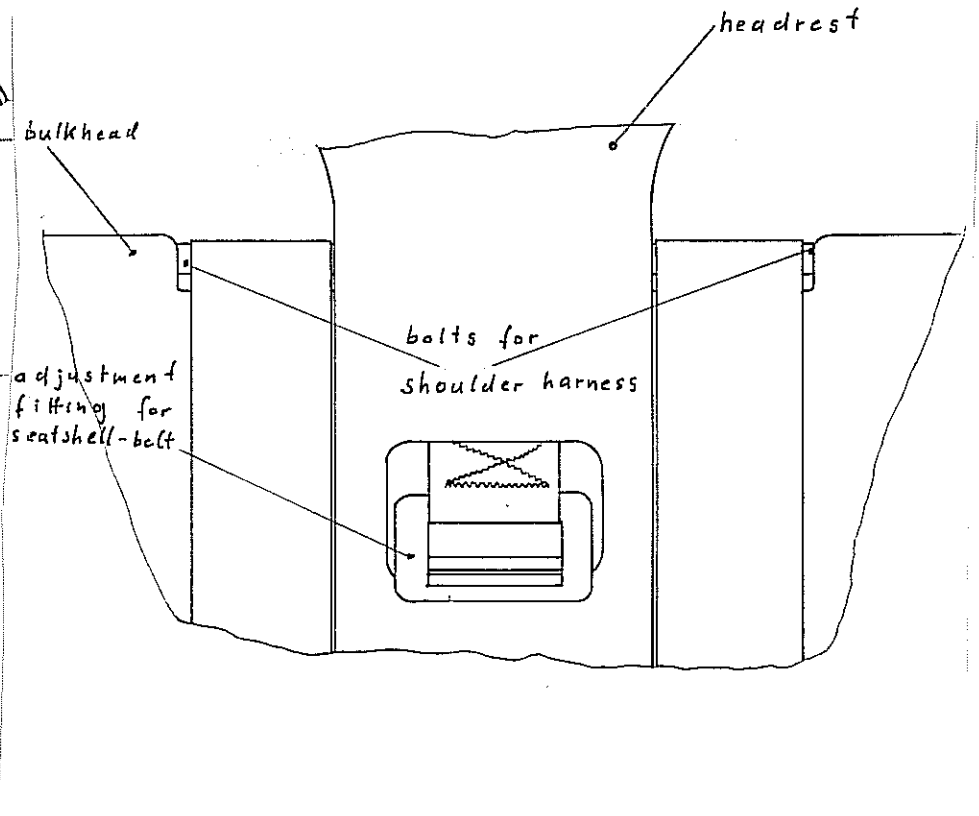
**Working instruction for TN 843-6 and 348-5
Installation of a headrest in the rear DG-500 cockpit**

Fix the headrest with screws M4*20 DIN 963 to the mounting plate 5R 98.

Sketch 1



Sketch 2



Place the headrest in the position according to sketch 1. Make sure that the headrest is centered exactly between the two shoulder harness mounting bolts and that the adjustment fitting of the rear seatshell-belt fits through the cutout in the headrest. Mark the position of plate 5R 98 at the bulkhead. Remove the plate from the headrest and fix it with double-sided selfadhesive tape to the bulkhead. Mark all holes which are in the plate at the bulkhead. Remove the plate.

Drill 6 dia. 4.5 mm holes for the hinge screws and two dia. 5.5 mm holes at the outer ends of the plate.

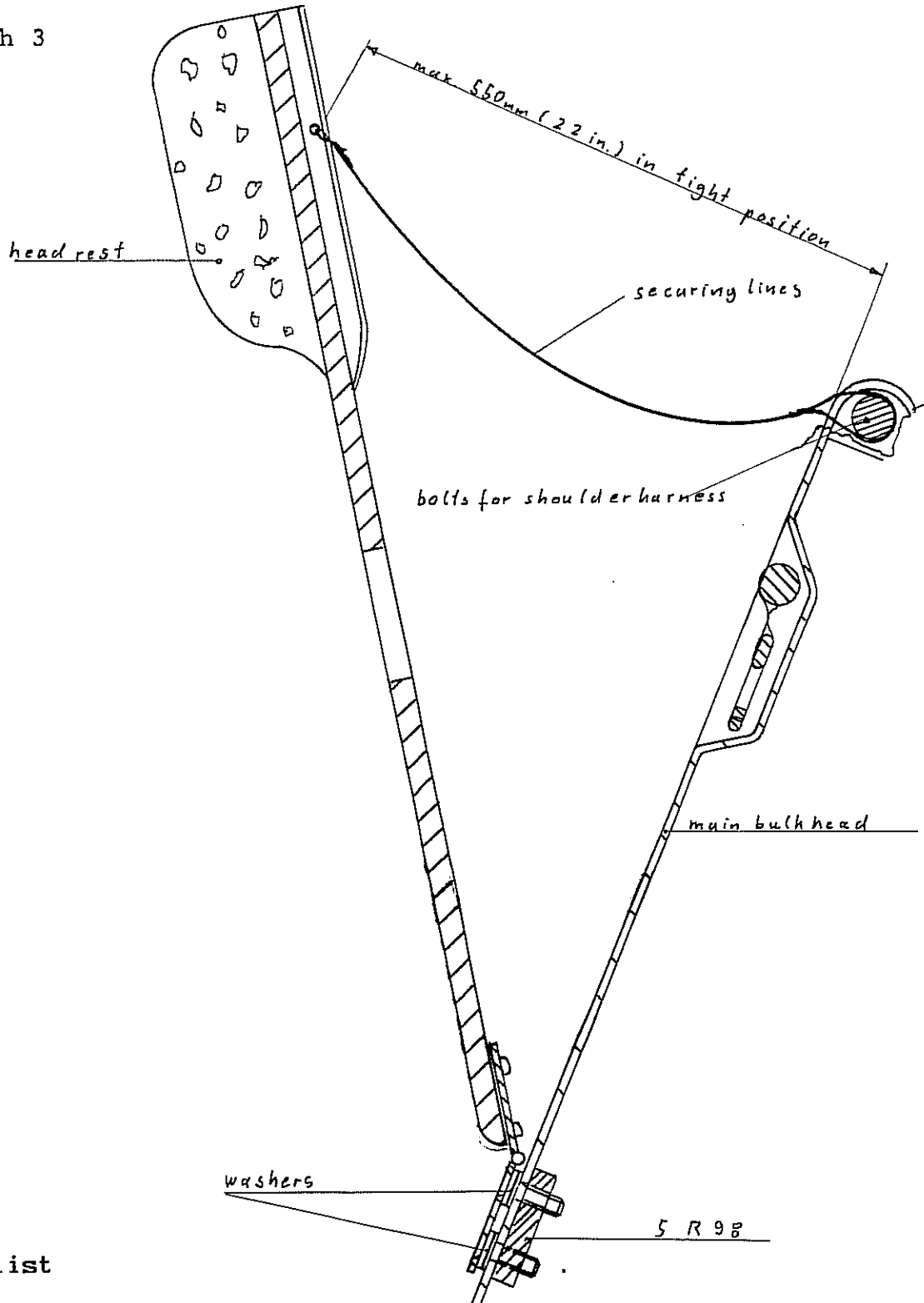
For installation of the plate inside the landing gear box it is favourable to lift the fuselage on the trailer dolly as high as possible. Extend the landing gear and hold the plate inside the gear box while a second person screws in the two screws M5*18 DIN 963 with rosettes at the outer end of the plate. Secure with Loctite.

Now install the headrest according to sketch 3. Locate at each screw two washers 5.3 DIN 9021 St zn between hinges and bulkhead to prevent the heads of the rivets from being pressed against the bulkhead.

Knot the two securing lines to the inner sides of the shoulder harness mounting bolts. Secure the knots with tape.

Working instruction for TN 843-6 and 348-5
Installation of a headrest in the rear cockpit

Sketch 3



Partlist

- | | |
|----|---|
| 1 | Headrest with hinges and securing lines installed |
| 6 | Screws M4*20 DIN 963 4.8 zn |
| 2 | Screws M5*18 DIN 963 4.8 zn |
| 2 | Rosettes 13*M5 |
| 12 | Washers 5.3 DIN 9021 St zn |
| 1 | Mounting plate 5R 98 |