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Technical Note
No. 873/14

Subject : Parking brake

Effectivity : DG-800A, LA, DG-800B

Accomplishment : None, optional

Reason : A parking brake was developed to avoid the necessity to hold the airbrake lever to operate the wheelbrake e.g. when starting the engine on a concrete runway.

Instructions :

1. Installation of parts 8St81/1 and 8St81/2 according to drawing 8St82.
   a) Loosen the adjustment screw of the wheelbrake cable at the landing gear far enough to enable the airbrake control to be easily pulled to its rear stop.
   In case of an optional disc brake, the brake cable must be disconnected at the airbrake control-coupling shaft. Therefore the baggage compartment floors and back cover must be removed.
   b) remove the screw connection between pushrod 6St15 and the rod end of pushrod 6St14. Place part 8St81/1 on the fork of 6St15 and reinstall the screwed connection. Use a new selflocking nut and mount the screw from bottom to top.
   c) Assemble the bracket 8St81/2 to the GFRP plate and mark the gluing area in the fuselage. If the bolts interfere with the grey GFRP part which surrounds the tube for the rudder control cable, grind off this part accordingly. Roughen the GFRP plate and the gluing area at the fuselage and glue in the assembly using epoxy resin thickened with cotton flocks. To facilitate the adjustment fix a 6mm plate with tape to pushrod 6St15 and let the bracket rest on this plate.
   d) adjust or connect the wheel brake again.
2. Exchange the flight manual pages 0.1, 0.5, 7.5 new issue June 99, marked with TN 873/14.

Material : Fight manual pages see instruction 2
Drawing 8St82
8St81/1
8St81/2
GFRP plate 20x40x1.5 mm
2 bolts M6x10 DIN7991-8.8zn
3 selflocking nuts M6 LN9348
epoxy resin see list in repair manual
cottonflocks

Weight and balance : influence negligible

Remarks : Instruction No. 1 is to be executed by the manufacturer or by a licensed workshop and to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date:
June 30. 1999

LBA – approved:

Author:
Dipl. Ing. Wilhelm Dirks

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

Type certification inspector:
Dipl. Ing. Swen Lehner