DG Flugzeugbau GmbH
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Technical Note
No. 843/11

Subject	:	Retrofit of EGT probes
Effectivity	:	DG-500M all serial No.'s
Accomplishment	:	None, optional
Reason	:	Monitoring the exhaust-gas-temperature is the best possible way to avoid severe engine damage. due to overheating caused by too lean a fuel- air mixture. For this reason we have developed a retrofit kit. Indication and warning if the EGT exceeds 650°C will be incorporated in the DEI. The front and the rear DEI must therefore be modified.
Instructions	:	1. Remove both DEI's and send them to the manufacturer for modification. 2. Reinstall both DEI's to the aircraft. 3. Install the retrofit-kit according to the instructions EGT 500 M. 4. Exchange the following flight manual pages 0.1, 0.5 and 7.11 and file the wiring diagram to the aircraft log. 5. Execute an inspection, mention in the inspection report "Inspection after retrofit of EGT probes according to TN 843/11".
Material	:	1. Retrofit kit EGT probes 2. Installation instruction EGT 500M, incl. 3 pictures. 3. Wiring diagram for EGT probes. 4. Flight manual pages 0.1, 0.5 and 7.11.
Weight and balance	:	influence negligible
Remarks	:	Instructions No.2 and 3 are 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:
Dec. 3. 1998
Author:
Dipl. Ing. Wilhelm Dirks

Type certification
inspector:
Dipl. Ing. Swen Lehner

LBA – approved:

The German original of this TN has been approved by the LBA under the date of 17. Dec. 98 and is signed by Mr. Walter. The translation into English has been done by best knowledge and judgement.