DG Flugzeugbau GmbH
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Technical Note
No. 826/36

Subject	:	Better Propeller for DG-400
Effectivity	:	DG-400 all serial No.´s if TN 826/29 will be or has been executed
Accomplishment	:	none, optional
Reason	:	Noise measurements have been executed by the swiss authorities with a DG-400 which was equipped with a noise absorbing fairing according to TN 826/29 and with a DG-800 propeller MT 136 R 75–1B. The measurement in climb configuration according to ICAO Amendment 16 Chapter 10 showed a noise reduction of 2.6 dB(A) compared to the same measurement without fairing and with the original propeller, although no advantage was taken from the improved take-off and climb performance due to the MT propeller. In addition the engine sound is more agreeable. So for environmental reasons it is desirable that as many DG-400 owners as possible install the noise absorbing fairing and the MT propeller.
Instructions	:	1. Execute TN 826/29, if not already done 2. Exchange the propeller against the propeller MT 136 R 75–1B. Installation see propeller manual and maintenance manual DG-400. 3. Exchange the following manual pages against the new pages issued June 97 and marked TN 826/36 Flight manual: 0.1,1,6 maintenance manual: o.2,1,3a,13
Material	:	1. Propeller type MT 136 R 75–1B 2. Propeller manual: MT-Propeller Operation and installation manual No. E-203 3. Manual pages see instruction 3.
Weight and balance	:	negligible
Remarks	:	Instructions may be executed by the owner and are to be inspected and entered in the aircraft logs by a licensed inspector.

Bruchsal, date: June 20. 97

Author:
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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 and is signed by Mr. Fendt. The translation into English has been done by best knowledge and judgement.