DG Flugzeugbau GmbH
76646 Bruchsal

Technical Note
No. 873/21

Subject	:	Dimple-tape-turbulators on the lower wing surfaces
Effectivity	:	DG-800A, LA, DG-800B
Accomplishment	:	none, on choice
Reason	:	To reduce the friction of the flaperons a new kind of dimple-tape-turbulator has been developed which can be used instead of the combi-tape. The sealing of the flaperon gap is done with an internal seal, see sect. 4.25.1. maintenance manual. Operation without this sealing is not permitted with these new turbulators.
Instructions	:	1. Remove the combi-tape if installed. 2. Install the internal sealing according to maintenance manual section 4.25.1, if not already installed. 3. Install the dimple-tape according to section 4.9.2 b) of the maintenance manual. 4. Exchange the following maintenance manual pages against the new pages issued December 2000, marked TN 873/21: 1 (DG-800) resp. 1a (DG-800B) 3, 4, 54, 94
Material	:	2 rolls 30003300 Noppenband (dimple tape) 10m roll In addition if no internal sealing is installed: 1 roll 30003136 Teflon-glassfabric 0.08 x 38 mm, 33 m roll selfadhesive
Weight and balance	:	influence negligible
Remarks	:	All instructions may be executed by the owner. They have to be inspected and entered in the aircraft logs by a licensed inspector with the next annual inspection.

Bruchsal, date:
December 18. 2000

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 *Feb. 7. 2001* and is signed by Mr. *Blume*. The translation into English has been done by best knowledge and judgement.