DG Flugzeugbau GmbH
76646 Bruchsal

Technical Note
No. 826/45

Subject : Fuel system, fuel cocks
Manual revision

Effectivity : DG-400, all serial no.'s

Accomplishment : Instruction 1: latest with next periodical exchange of the fuel lines
Instruction 2: latest December 31. 2004

Reason :
1. The fuel cocks used so far in the DG-400 fuel system are no longer available, so it was necessary to redesign the fuel system for other fuel cocks.
These cocks have the advantage that they don't have rubber gaskets and so it is no longer necessary to exchange the cocks every 6 years.
2. Manual revision

Instructions :
1. Modification of the fuel system according to working instruction No. 1 for this TN.
2. Exchange the following manual pages against new pages issued June 2004, marked with TN826/45.
Flight manual: 0.1, 46, 64
Maintenance manual: 0.3, 1, 2, 2a, 3, 12, 13, 34a, 46d, 52, 53,
add diagram 8a

Material : Instruction 1:
working instruction No. 1 for TN826/45

Service kit fuel lines

1 39001012 for Tillotson carburettors
or 1 39001013 for Mikuni carburettors

1 60507650 fuel cock KH 1075 ¼" with red handle
2 60507660 threaded connector with olive and cap nut

1 60000527 fuel cock KH 1072T PTFE
1 80012130 threaded connector ¼" (female), 8mm
1 80012131 threaded connector ¼" (male), 8mm
1 60507570 Fuel filter, filter-mesh 200 µ
1 60000674 pipe clamp with rubber sleeve 18-15
2 60510952 ty-rap 140 x 3,6

1 40660530 fuel connector pipe 6R53a
1 60000544 olive
1 60000543 cap nut

1 60507563 threaded connector Facet 41199

8 60000650 hose clamp 8 - 12 verz. 9 mm

Instruction 2: manual pages see above

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 17. 2004		LBA – approved:
Author: Dipl. Ing. Wilhelm Dirks		The German original of this TN has been approved by the LBA under the date of 29. June 04 and is signed by Mr. Blume. The translation into English has been done by best knowledge and judgement.
Type certification inspector: Dipl. Ing. Swen Lehner		EASA approved on 9. July 2004 under Approval No. 2004-7325