DG Flugzeugbau GmbH
76646 Bruchsal

Technical Note
No. 873/18

Subject	:	Installation of the emergency bail out aid NOAH
Effectivity	:	DG-800, DG-800B
Accomplishment	:	None, optional
Reason	:	NOAH is a system to facilitate the bail out of the cockpit in an emergency. NOAH is a supplementation to the parachute.

Instructions :
1. Installation of the NOAH system according to the "Installation instructions for the emergency bail out aid NOAH for DG single seaters"
2. Enter the NOAH airbag, the high pressure hose (life time 10 years) and the pressurised gas cylinder (TBO 10 years) into the record of lifed components of your glider.
3. Exchange the following flight manual pages against the new pages issued June 2002, marked TN873/18:
   DG-800A, LA: 0.1, 0.5, 9.1, 9.2, 9.4-9.6
   DG.800B with engine MidWest: 0.1, 0.5, 9.1-9.5
   DG.800B with engine Solo: 0.2a, 0.5, 9.1-9.5
   maintenance manual: no amendments
4. File the "manual for the emergency bail out aid NOAH" into your aircraft logs
5. Periodical inspection and maintenance must be executed according to the instructions in the "manual for the emergency bail out aid NOAH".
   Enter mass, date and inspection signature into the placard on the pressure gas cylinder after its inspection.

Material :
1. See parts list NOAH-800
2. Flight manual pages see instruction 3
3. Manual for the emergency bail out aid NOAH
4. Drawings Z80, 86, 92, 95, 96, 98, 99, 100, 101, 108

Weight and balance : Weight: increased by approx. 4.5 kg
balance: influence negligible

Remarks :
1. The NOAH system can be used together with seat harness Gadringer with turn buckle BAGU 5202
2. The NOAH system can be used together with seat harness Schroth 4-07-0-104 but the turn buckle with the strap fixed to the buckle must be replaced
3. The NOAH system can not be used together with other types of seat harness. The complete harness must be replaced.
4. Instructions No. 1+2 and 5 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:
July 11. 2002

LBA – approved:

Author:
Dipl. Ing. Wilhelm Dirks

The German original of this TN has been approved by the LBA under the date of *August 08th, 2002* 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