DG Flugzeugbau GmbH
76646 Bruchsal

Technical Note

No. 301/22
323/13
359/20
370/8
826/43
866/09

Subject : Installation of the emergency bail out aid NOAH

Effectivity : DG-100, DG-100G, DG-100 ELAN, DG-100G ELAN
DG-200, DG-200/17, DG-200/17C
DG-300, DG-300 ELAN all models
DG-600, DG-600/18
DG-400
DG-600M, DG-600/18M

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. The "manual for the emergency bail out aid NOAH" are the official operating instructions. Follow the procedures of this manual and file the manual into your aircraft logs
4. 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-for DG-single seaters
2. Manual for the emergency bail out aid NOAH
3. Drawings Z80, 86, 92, 93, 95, 96, 98, 99, 100, 101, 108
4. Installation instructions for the emergency bail out aid NOAH for DG single seaters

Weight and balance : Weight: increased by approx. 4.5 kg, this means that the max. load in the fuselage is reduced by 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 4 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:
January 31. 20032

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Type certification inspector:
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LBA – approved:

The German original of this TN has been approved by the LBA under the date of Feb. 13th, 2003 and is signed by Mr. Blume. The translation into English has been done by best knowledge and judgement.