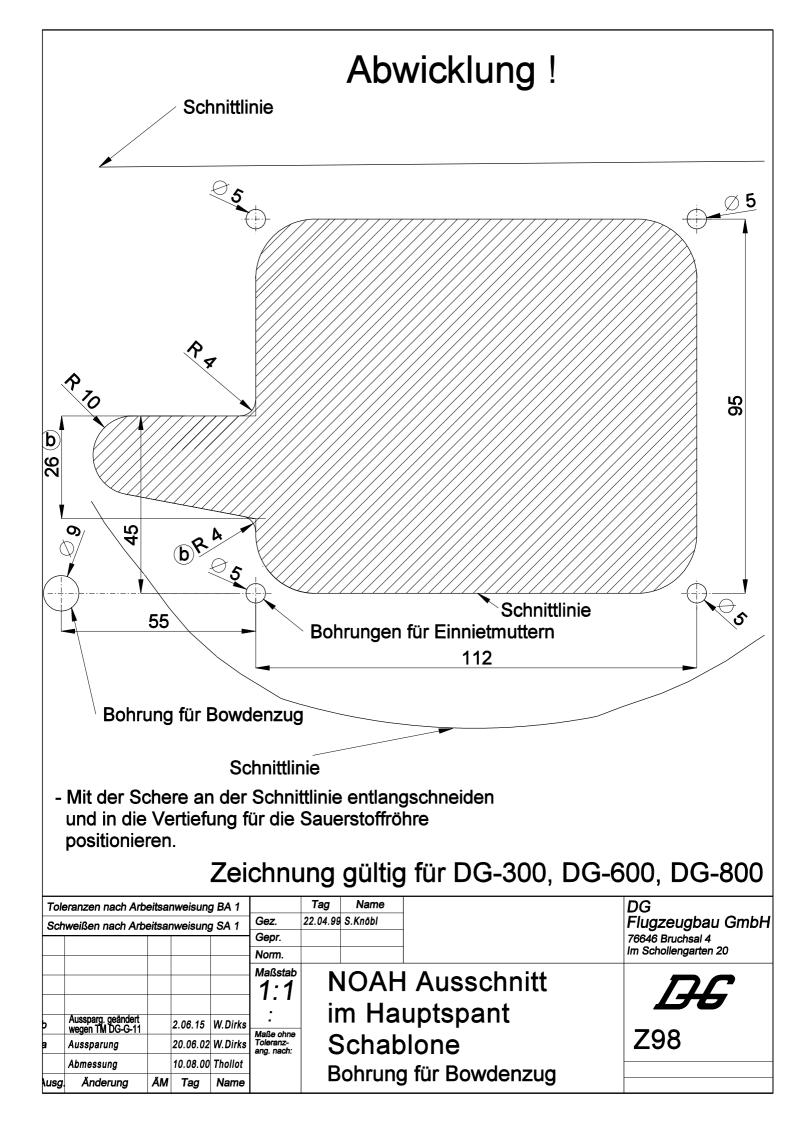
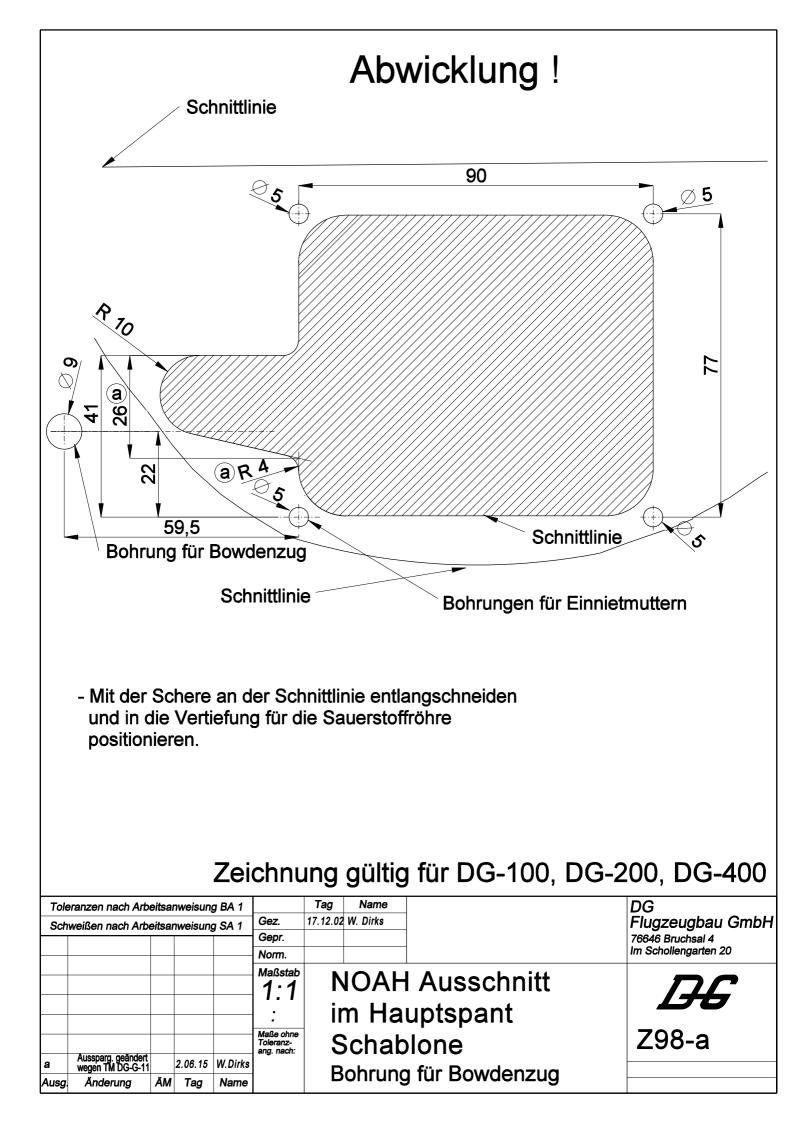
DG Flugzeugbau GmbH 76646 Bruchsal	Technical note No. DG-G-11	page 1 from 2
Subject :	NOAH emergency bail out aid, improvements	
Effectivity :	DG single seaters with single piece canopy and LS8 and LS10 vequipped with NOAH	which have been
Accomplishment	 Instructions 1 up to 3: During production and in case of service cylinder which showed excessive pressure loss. Optionally with faultless NOAH cylinders. Instructions 4: With new installations and in case of exchange NOAH bag or when reaching the life limit of the bag of 10 year Instructions 5: Latest until August 31. 2015 	of a damaged
Reason	 1 3. So far the pressure loss of NOAH cylinders has been detweighing at the annual inspection. With this procedure it may happen that cylinders with excess loose too much pressure during 1 year resulting in a too smalbailing out. To solve this problem the NOAH system has been redesigned gauge between cylinder and valve. This pressure gauge should be read during each pre flight inst the annual inspection (instead of weighing the cylinder). 4. The manufacturer and the material of the NOAH bag are not new manufacturer and a comparable material have been choss 5. At the seat cushion used in LS gliders with NOAH the cover is sewed with a special thread to the cushion. This thread is d the NOAH bag will be filled. During testing of the new NOA we found that the ripping happened a little too slow. Therefor be exchanged against a VELCRO strip. 	ive leakage could l assistance for d adding a pressure pection and during more available. A sen. for the NOAH bag lesigned to rip when AH bag (see item 4.)
Instructions :	 Installation of a NOAH cylinder with pressure gauge insta NOAH cylinder. DG single seaters: NOAH cylinder according to drawing Z1 You have to replace the plastic cover by a Plexiglas cover Z1 600,800) or Z102/4. (DG-100, 200 400). The cut out for the I bulkhead must be modified according to drawing Z98 issue b LS8 and LS10: NOAH cylinder according to drawing Z139 You have to replace the stop Z141 by a stop Z141/1 with bus to drawing Z139 (upper right section), the screwed joint to the the same. The cut out for the hose in the composite cover mu according to drawing Z146 issue a or higher. Pre flight inspection: Read the pressure gauge. If the pressur bar, the cylinder should be refilled, otherwise you have to explanate the same. 	08 issue c or higher. 02/3 (DG-300, hose in the main o or higher. issue d or higher. th Z141/2 according the fuselage remains the modified re is lower than 180
	assistance for bailing out. Annual inspection: see pre flight inspection, but the cylinde if the pressure is lower than 190 bar.	r should be refilled
	 3. Manual revision: Exchange the following manual pages against new pages issumarked with TN DG-G-11. Respect the changes marked in the margin. a) DG single seaters: Manual for the emergency bail out aid single seaters, pages 2, 3, 5 -11, additionally drawing Z102 instructions LS8 and LS10: Manual for the emergency bail out aid NG seaters, pages 2, 3, 5 -11, drawing Z99 issue c, additionally issue d, refilling instructions issue May 2015 	ne right hand NOAH for DG 8 issue c, refilling DAH for LS single

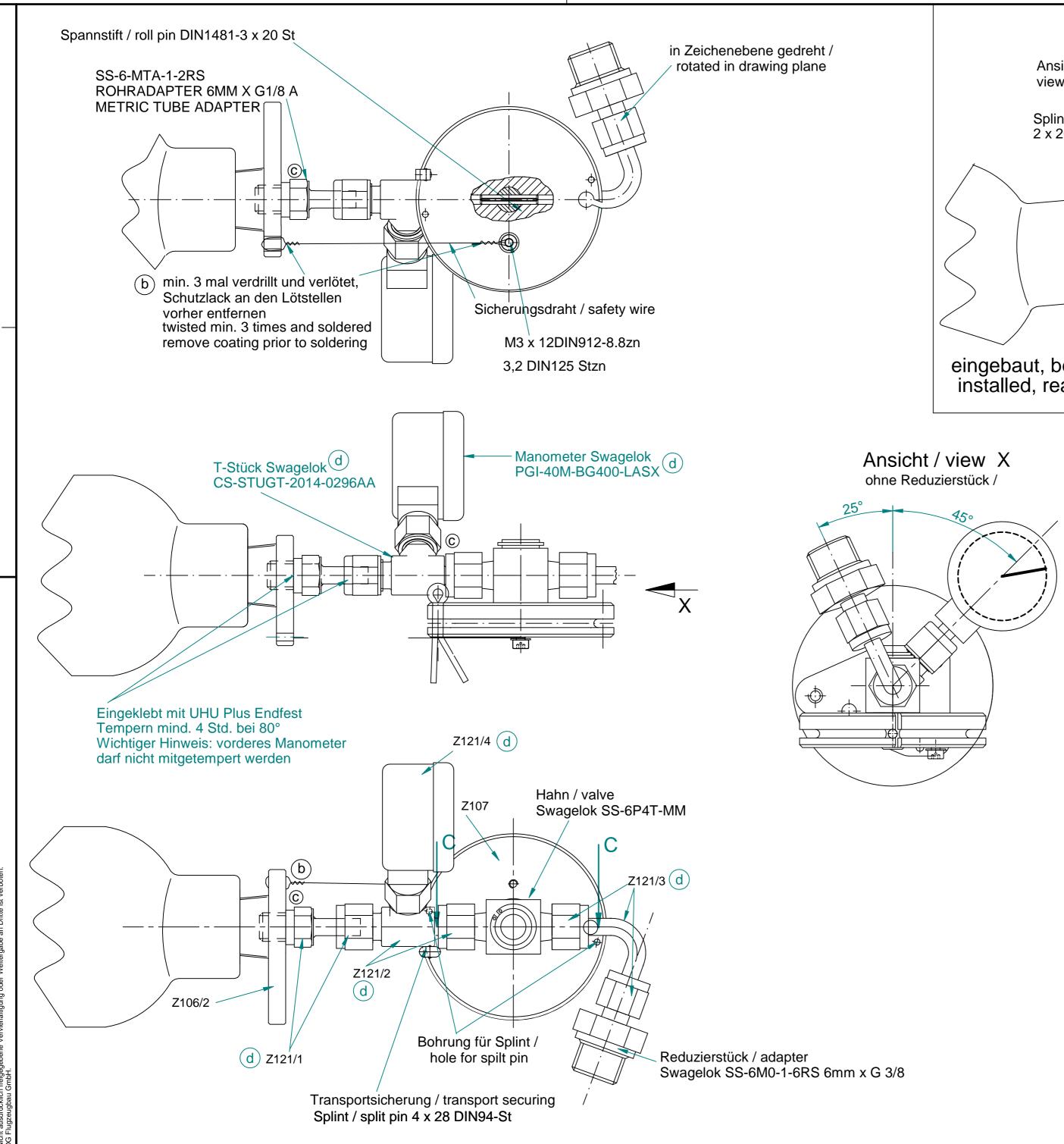
DG Flugzeugbau GmbF 76646 Bruchsal	H Technical note No. DG-G-11	page 2 from 2
	 b) With the following variants in addition flight manual exchanged DG-800S: 0.1, 0.5, 9.5 DG-808S: 0.1, 0.5, 9.4 DG-800B: 0.1, 0.5, 9.4 DG-808C: 0.1, 0.6, 9.4 LS8-s,sb: 0-1, 0-56, 9-5 LS8-t: 0.1, 0.7, 9-5 LS10-s,st: 0.1, 0.6, 9.4 	al pages have to be
	4. NOAH bag: Use NOAH bag Z99/2 according to draw	ving Z99 issue c page 2
	 5. Seat cushion used in LS8 and LS10 with NOAH: Ta the seat cushion. Unsew the seam which connects the the seat cushion. Send the cover to DG Flugzeugbau for to drawing Z138 issue a or use a new cover or a new s Fold the NOAH bag according to drawing Z99 (in the on the lower side of the seat cushion. Apply the new/c to the seat cushion. Note: The VELCRO strip on the cover will attach to t without a VELCRO counter part. 	cover of the NOAH bag to for modification according seat cushion incl. cover. NOAH manual) and lay it changed cover and press it
Material	 Instructions 1: DG single seaters: NOAH cylinder with pressure gauge according to drawir Plexiglas cover Z102/3 (DG-300, 600,800) or Z102/4. (E Drawing Z98 issue b LS8 and LS10: NOAH cylinder with pressure gauge according to drawir Stop Z141/1 with bush Z141/2 Drawing Z139 issue d Drawing Z146 issue a Instructions 3: Manual pages see above Instructions 4: NOAH bag Z99/2 according to drawing Instructions 5: Cover Z138/3 new or modified, 	DG-100, 200 400) ng Z139 issue d or higher.
	or seat cushion Z138/2 issue a incl. cover Z138/3	
Weight and balance	: influence negligible	
Remarks	: Instructions may be executed by the pilot/owner himself entered in the aircraft logs by a licensed inspector at lates inspection.	
Bruchsal, date: June 19. 2015		
Author:	Modifications approved by EASA Date 07 July 2015	

Modifications approved by EASA Date 07 July 2015 under Approval No. 10053955

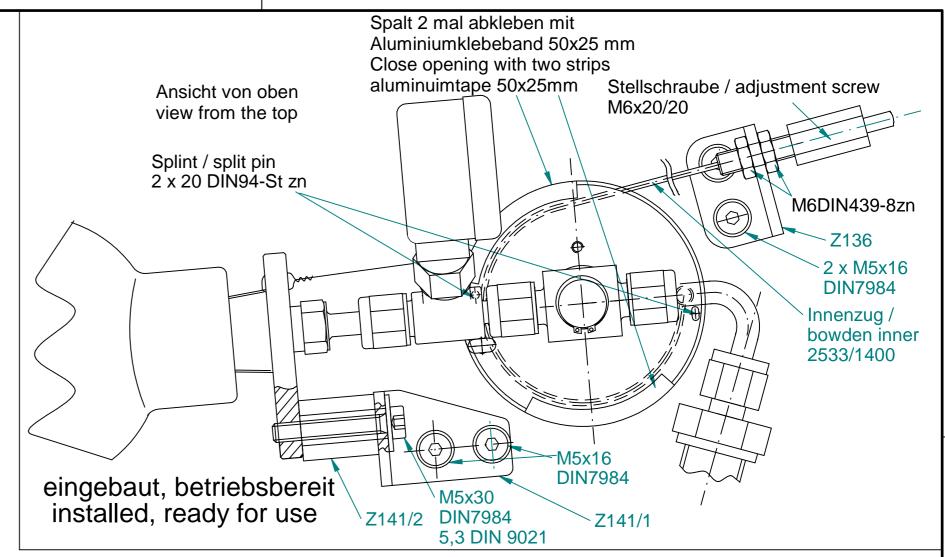
Wilhelm Do

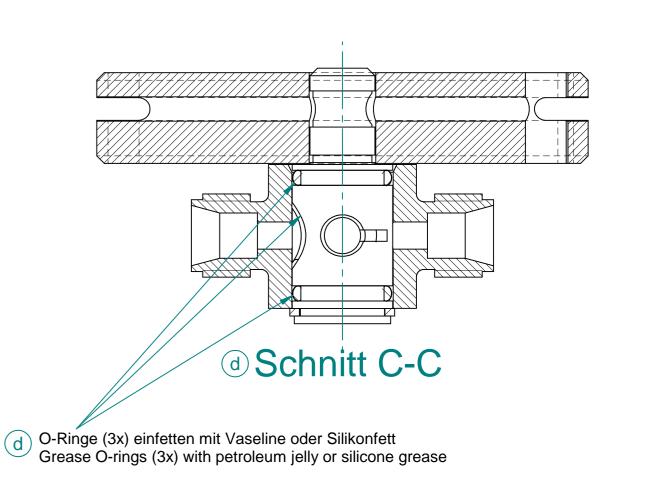






ıtum der DG Flugzeugbau GmbH ebene Vervielfältigung oder Weit





Bei wiederholtem anziehen: Mutter Handfest andrehen, dann einen dünnen Positionstrich auf Mutter und Rohr ziehen (d)und weiter andrehen bis Widerstand spürbar ist oder max 1/4 Umdrehung

(d)By reapplication: Tighten nut by hand, apply a positioning line on both nut and pipe. Than tighten again untill you feel a resistance or do max. 1/4 rotation.

Toleranzen nach Arbeitsanweisung BA 1 Schweißen nach Arbeitsanweisung SA 1					Datum	Name		DG Flugzeugbau GmbH	
					Gez.	17.10.03	R. Kern	-	76646 Bruchsal Otto-Lilienthal-Weg 2
					Gepr.				
					Norm.				
					Maßstab:	^{ßstab:} NOAH-LS			
					1:1	NOA	H-LS		BG
d	Manometer installiert, Tempern und Swagelok		16.06.15	JBW	(1:2)		menbau	DG Flugzeugbau GmbH	
с	Adapter statt Rohr		04.04.08	W. Dirks		mit Sicł	herung		Z139
b	Drahtsicherung korrigiert		03.04.08	W. Dirks	Maße ohne Toleranz-		in a di man	au dina da n	2100
а	Splint statt Federstecker als Transp. Sicherung				ang. nach: ISO2768-m	pressur	rised gas oly with s	Seite 1	
Ausg.	Änderung	ab Wnr		Name		assiller		von 1	

