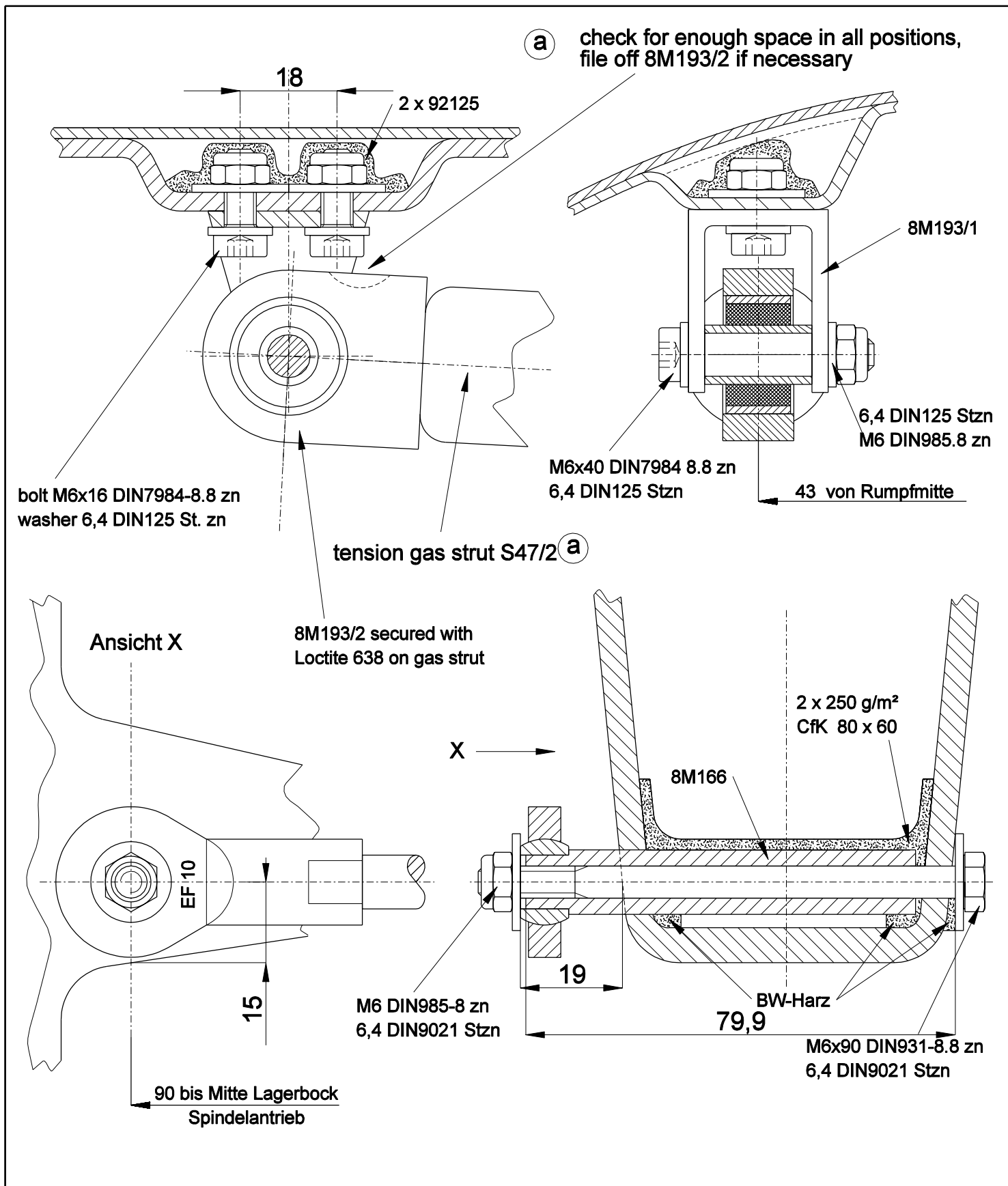



- Subject : Tension gas strut
- Effectivity : DG-800B
- Accomplishment : In case of damage of the gas strut
- Reason : It happened that the front fitting of the tension gas strut failed (fixing point to fuselage). Due to engine vibrations the hole in the fitting elongated. For DG-800B's where this failure occurs a modification was developed. The front fitting of the gas strut is equipped with a rubber mount (Ultra-bush).
- Instructions :
1. Remove the damaged gas strut according to MM section 4.13.
2. Remove the front mounting bracket from the fuselage.
3. Install the new mounting bracket 8M193/1 according to drawing 8M194.
4. Install the new gas strut S47/2 according to drawing 8M194 and MM section 4.13.
- Material : drawing 8M194
1 piece tension gas strut Version with Ultra-bush S47/2
1 piece mounting bracket 8M193/1
2 pieces bolt M6x16 DIN7984-8.8 zn
1 piece bolt M8x50 DIN7984 8.8 zn
1 piece washer 8,4 DIN125 St zn
1 piece selflocking nut M8 DIN985-8 zn
3 pieces washer 6,4 DIN125 St zn
1 piece selflocking nut M6 DIN985-8 zn
- Weight and balance : influence negligible
- Remarks : Instructions may be executed by the owner.

Bruchsal, date:
February 3. 2006

Author:
Dipl. Ing. Wilhelm Dirks

This service info has been approved by EASA date 23. April 2008 with technical note DG-G-04.
Approval No. EASA.A.C.09568.



Toleranzen nach Arbeitsanweisung BA 1		Tag	Name	DG Flugzeugbau GmbH 76646 Bruchsal Otto-Lilienthal-Weg 2
Schweißen nach Arbeitsanweisung SA 1		Gez.	14.10.04 W.Dirks	
		Gepr.		
		Norm.		
		Maßstab	installation gas strut version with Ultra-bush retrofit DG-800B	 8M194
		1:1		
		Maße ohne Toleranz- ang. nach:		
a	S47/2	2.02.06	W.Dirks	
Ausg.	Änderung	ÄM	Tag	Name