

## SERVICE BULLETIN NO. MSB 817-69

### I. TECHNICAL DETAILS

#### 1.1 Category:

Mandatory

<b>Note:</b>	GROB issues Service Bulletins of category Mandatory (MSBs), if the information or instructions have a precautionary or safety intent either related to design or conformity and to publish revisions of manuals (AFM, AMM, IPC). However, according to Article 20 (1) of Regulation (EC) No. 216/2008, only EASA may issue mandatory information, in the form of an Airworthiness Directive (AD), in order to react to a given safety problem. Service Bulletins classified Mandatory issued by GROB's design organisation do not have a legally mandatory character equivalent to an AD, cannot have enforcement implications and, therefore, serve as information or instruction by GROB only. This also applies to cases where a Service Bulletin is published in anticipation of an AD.
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#### 1.2 Airplanes affected:

G 109B all S/N

#### 1.3 Time of Compliance:

Next weighing of trim tabs

#### 1.4 Subject:

ATA-Code: 27-30 Elevator and Tab  
New limits for Trim Tab

#### 1.5 Reason:

It has revealed that some elevator trim tabs could be lighter than the lower mass limit given in the AMM. To permit the use of these trim tabs, new lower limits for mass and residual moments were defined and approved. This service bulletin amends the instructions for continued airworthiness and expands the limits in anticipation of the revision of the maintenance manuals. This Service Bulletin is intended to approve new limits for the trim tab. The configuration of the aircraft is not affected by this Service Bulletin.

#### 1.6 Concurrent documents:

Corresponding AMM and IPC

#### 1.7 Approval Note:

The technical content of this document is approved under the authority of EASA Design Organization Approval No. EASA.21J.030.

These information or instructions relate to change no. MÄM 817-047 which has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

**1.8 Accomplishment/ Instructions**

1.8.1 After repainting or repairing use caution not to exceed the following residual moments and weights:

	Residual Moment [kgcm]		Residual Moment [ft.lbs]		Weight [kg]		Weight [lbs]	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Elevator (incl. Trim tab)	36,63	44,77	2.65	3.23	4,68	5,72	10.31	12.61
Trim tab	1,065	2,31	0.077	0.17	0,355	0,58	0.782	1.27

**1.9 Repetitive Actions**

N/A

**II. PLANNING INFORMATION**

**2.1 Weight and CG**

N/A

**2.2 Material and Availability**

N/A

**2.3 Special Tools**

N/A

**2.4 Labor costs**

N/A

**2.5 Reference documents**

N/A

**2.6 Credit**

N/A

### **III. REMARKS**

The instructions in paragraph 1.8 have to be accomplished and certified in the logbook by authorized staff:

- in EASA countries according to EASA Part 66.
- in non-EASA countries according to national regulations with respect to maintenance.

If you have sold your aircraft in the meantime, we kindly ask you to forward this information to the new owner and to provide us with the name and address of the new owner as well as with the respective serial number.

For questions and assistance please contact:

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