



## SERVICE BULLETIN NO. MSB306-36/3

### I. TECHNICAL DETAILS

#### 1.1 Category:

**MANDATORY**

#### 1.2 Airplanes affected:

G 102 CLUB ASTIR III	S/N 5501 - 5652 (with suffix "C")
G 102 CLUB ASTIR IIIb	S/N 5501 - 5652 (with suffix "Cb")
G 102 STANDARD ASTIR III	S/N 5502 - 5652 (with suffix "S")

#### 1.3 Time of Compliance:

Not later than 31 December 2002

#### 1.4 Subject:

ATA-Code: ---

**Increase of mass balance**

#### 1.5 Reason:

With MSB 306-36/2 the operation of the above listed gliders was permitted with reduced maximum speed  $V_{NE}$ . The result of extensive tests and calculations was, that the operation within the original margins can be approved, if additional mass balance is installed into the elevator and ailerons.

**NOTE:** The MSB 306-36/2 is cancelled after completion of this MSB.

#### 1.6 Concurrent documents:

None

#### 1.7 Approval Note:

The technical information contained in this document has been approved under the authority of JAA Design Organization Approval No. LBA.NJA.008.

**G 102 Standard Astir III  
G 102 Club Astir III / IIIb**



The technical information contained in this document has been approved by the German Airworthiness Authority Luftfahrt-Bundesamt.

### **1.8 Accomplishment/ Instructions**

- 1.8.1 Additional mass balance must be installed into the elevator and ailerons IAW Installation Instructions No. MSB306-36/3.
- 1.8.2 Revision 2, (Rev. 3 for Italian Issue) 18.04.02 must be incorporated into the Maintenance Manual.
- 1.8.3 Remove the red marking (at 165 km/h, 89,1 kts, / 102,5 mph) from the airspeed indicator.

### **1.9 Repetitive Actions**

None

### **1.10 Mass (Weight) and CG:**

The empty weight and empty weight C of G must be determined newly after completion of instruction 1.8.1.

## **II. PLANNING INFORMATION**

### **2.1 Material & Availability:**

The material including Installation Instructions No. MSB306-36/3 can be ordered from GROB with the attached order form.

### **2.2 Special Tools:**

refer to Installation Instructions

### **2.3 Labour costs:**

approx. 10 hours (without hardening and curing time)

### **2.4 Reference documents:**

N/A

G 102 Standard Astir III  
G 102 Club Astir III / IIIb



**2.6 Credit:**

N/A

**III. REMARKS**

- 3.1** The correct execution of the instructions may be performed by a competent person and has to be certified in the logbook by an authorised inspector.
- 3.2** If you have sold your aircraft in the meantime, would you kindly pass this information on to the new owner and forward his address and aircraft S/N to us.
- 3.3** For questions and assistance please contact:  
Rudi Vodermeier , Head of Product Support,  
phone: +49 8268 998139  
fax: +49 8268 998200  
e-mail: [productsupport@grob-aerospace.de](mailto:productsupport@grob-aerospace.de)