

SERVICE BULLETIN NO. MSB 315-75
SERVICE BULLETIN NO. MSB 817-53
SERVICE BULLETIN NO. MSB 869-26

I. TECHNICAL DETAILS

1.1 Category:

Mandatory

1.2 Airplanes affected:

TCDS: 315 FAA TCDS: G39EU

Model	Serial Number
G103 TWIN II	3501-3729
G103 TWIN II	3730-3878
G103A TWIN II ACRO	3544-34078 (K)
G103C TWIN III ACRO	34101-34203
G103C TWIN III	36001-36014

TCDS: 817 FAA TCDS: G43EU

Model	Serial Number
G 109	all
G 109B	all

TCDS: 869 FAA TCDS: G57EU

Model	Serial Number
G 103C TWIN III SL	35001-35051

1.3 Time of Compliance:

before the next flight

1.4 Subject:

ATA-Code: 27-10, 27-30
Aileron Control, Elevator Control

G 103
G 109

1.5 Reason:

GROB received a report that a rear control stick (welded design) failed on a G 103 TWIN II after about 2600 flight hours.

Although no extensive investigation (metallurgical investigation) could not be performed up to now, a one-time inspection of the rear control stick respectively the RH stick on G 109/ G 109B (same design standard than on the concerned type) is mandatory as a precautionary action to find possible, unnoticed damages and/ or corrosion.



1.6 Concurrent documents:

Maintenance Manual of the affected models

1.7 Approval Note:

The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

G 103
G 109

1.8 Accomplishment/ Instructions

- 1.8.1 Remove control stick cover and release attachment bolt and remove upper control stick.
- 1.8.2 Inspect upper and lower part of the control stick for damage and corrosion.

If no damage is found proceed with para. 1.8.6.

If any damage is determined proceed as follows:

- 1.8.3 De-rig aircraft and remove control stick unit as far as required.
- 1.8.4 Determined damages or corrosion must be removed in the approved range I.A.W. "Aircraft Inspection and Repair FAA AC 43.13-1A" or new parts must be installed.

Note: The national regulations must be followed when applying the FAA AC 43.13-1A!

- 1.8.5 Re-install control stick unit. If necessary use new attachment parts.
- 1.8.6 Install control stick. Apply and tighten attachment bolt. The standard torque is to be used.
- 1.8.7 Check controls for free and easy movement for correct sense of deflection.

1.9 Repetitive Actions

The inspection must be repeated during each annual inspection/ 100 hours inspection.

1.10 Mass (Weight) and CG:

N/A

II. PLANNING INFORMATION

2.1 Material & Availability:

Necessary parts may be ordered from the manufacturer. Aircraft S/N must be advised.

2.2 Special Tools:

N/A

2.3 Labour costs:

Approx. 1 hour for inspection

2.4 Reference documents:

N/A

2.5 Credit:

N/A

III. REMARKS

3.1 The correct execution of the instructions must be performed by an authorized aviation workshop or a licensed inspector 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,
phone: +49 8268 998139
Michael Reinhold
phone: +49 8268 998105
fax: +49 8268 998200
e-mail: productsupport@grob-aerospace.de

G 103
G 109