

SERVICE BULLETIN NO. MSB1078-120/6

I. TECHNICAL DETAILS

1.1 Category:

Mandatory

1.2 Airplanes affected:

G 115E all S/N

1.3 Time of Compliance:

upon receipt of modified units or defect

1.4 Subject:

ATA-Code: 32-40 [Wheels and Brakes](#)
Brake Master Cylinder

1.5 Reason:

With MSB 1078-120/3 the replacement of brake cylinders to standard 10-30B became mandatory. Due to longer lead times for replacement units the one-time temporary overhaul/ repair of original brake cylinders 10-30 is permitted. The life time for these overhauled units is limited to 500 flying hours.

When removed, at or before the 500 flying hours, units are to be modified to 115C-4321/1 Rev [c or later revisions](#) and 115C-4322/1 Rev [c or later revisions](#) in accordance with OSB No. 1078-159. [Revision 6 of this Service Bulletin gives reference to later revisions of P/N 115C-4321/1 and 115C-4322/1.](#)

Note: [The revision index c or later denotes modifications that do not affect fit, form and function. Modifications affecting fit, form and function will be indicated by a changed dash number and will be approved for implementation by revision of this SB.](#)

1.6 Concurrent documents:

- Parker Aerospace CM10-30 Overhaul Instructions

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. OÄM1078-063 which has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.](#)

1.8 Accomplishment/ Instructions

- 1.8.1 Remove master brake cylinder 115C-4321 or 115C-4322 IAW MM Chap. 32-40 para 5B.
- 1.8.2 Perform overhaul/ repair on the master brake cylinder IAW Parker CM10-30 Overhaul Instructions.

Note: Only original Parker spare parts must be used, if required.
--

- 1.8.3 Install master brake cylinder 115C-4321/1 [rev. c or later](#) or 115C-4322/1 [rev. c or later](#) IAW MM Chap. 32-40 para 5C.
- 1.8.4 Replenish, bleed and test the brake system IAW MM Chap. 32-40 para 6.

1.9 Repetitive Actions

None.

II. PLANNING INFORMATION

2.1 Weight and CG

N/A

2.2 Material and Availability

Spare parts required can be ordered from GROB [Aircraft AG](#).

2.3 Special Tools

N/A

2.4 Labor costs

N/A

2.5 Reference documents

Maintenance Manual G 115E
Illustrated Parts Catalogue G 115E

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 Article 5 VO EG 2042/03 (VO EG 1056/2008) Appendix III – 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:

	Product Support,
phone:	+49 8268 998139
fax:	+49 8268 998200
e-mail:	productsupport@grob-aircraft.com