

SERVICE BULLETIN
NO. OSB 817-054
NO. OSB1078-159
NO. OSB1121-099

I. TECHNICAL DETAILS

1.1 Category:

Optional

1.2 Aircraft affected:

| Model | TCDS | S/N |
|---------------------------------------|-------------|------------------------------|
| G 109B | 817 | 6340-6575 |
| G 115 (incl. A/C modified to G 115B) | 1078 | 8008-8088 |
| G 115A (incl. A/C modified to G 115B) | 1078 | 8090-8109 |
| G 115C | 1078 | 82001-82084 (C) |
| G 115C2 | 1078 | 82001-82084 (C2) |
| G 115D | 1078 | 82001-82084 (D) |
| G 115D2 | 1078 | 82001-82084 (D2) |
| G 115E | 1078 | 82086-82185 |
| G 115EG | 1078 | 82200-82273 |
| G 115TA | 1078 | 8501-8514 |
| G 120A | 1121 | 85001-85007 |
| G 120A-I | 1121 | 85008-85025 |
| G 120A-C | 1121 | 85026-85034, 85053, 85054 |
| G 120A-F | 1121 | 85035-85052 |

1.3 Time of Compliance:

On holders discretion

1.4 Subject:

ATA - Code: 32-40
Wheels and Brakes

G 109/G 115/G 120

1.5 Reason:

The manufacturer (OEM) of the brake cylinder now offers an improved model (P/N 10-30D) for increased reliability, higher loads during aerobatic operation and general product improvement. This Service Bulletin approves the optional installation into the affected aircraft IAW para. 1.2. The new standard brake cylinder P/N 10-30D may replace both, the 10-30 and 10-30B on a one-by-one basis. Mixed configurations are not approved.

1.6 Concurrent documents:

Service Bulletin Parker No. SB7093, latest issue
CM 10-30, latest issue (Parker Hannifin, Component Maintenance Manual for the 10-30 series master brake cylinders)

1.7 Approval Note:

These information or instructions relate to change no. OÄM817-16, OÄM1078-63 and OÄM1121-100 which have been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

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

1.8 Accomplishment / Instructions

- 1.8.1. Ensure that the aircraft is safe for parking I.A.W. MM chapter 10-10.
- 1.8.2. Replace brake cylinder 10-30 or 10-30B against 10-30D or assembly with GROB P/N (see list below) I.A.W. MM chapter 32-40.

Grob assembly P/N:

- 109B-4350.23
- 115C-4321/1 Rev. C, 115C-4322/1 Rev. C
- 115EG-4321, 115EG-4322
- 115TA-5303, 115TA-5304

Note: Mixed configurations are not approved.

1.9 Repetitive Actions

G 109/G 115/G 120

overhaul recommended every 1000 hours for aerobatic certified aircraft (refer to Parker SB7093)

1.10 Mass (Weight) and CG:

negligible

II. PLANNING INFORMATION

2.1 Material & Availability:

Brake cylinders P/N 10-30D and or Service Bulletin kits P/N 7093-1 may be ordered from Grob Aerospace GmbH.

2.2 Special Tools:

See CM 10-30, latest issue

2.3 Labour costs:

Approx. 1 hour

2.4 Reference documents:

Maintenance Manual and Illustrated Parts Catalogue of affected aircraft IAW para. 1.2

2.5 Credit:

N/A

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III. REMARKS

- 3.1** The execution of the instructions has to be performed by an authorized aviation workshop and has to be certified in the logbook by an authorised inspector.
- 3.2** The Illustrated Parts Catalogues and Maintenance Manuals will be amended with the next revision to reflect the changes.
- 3.3** 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.
- 3.4** For questions and assistance please contact:

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