

## SERVICE BULLETIN NO. OSB1078-159/1

### **I. TECHNICAL DETAILS**

**1.1 Category:**

Optional

**1.2 Airplanes affected:**

G 115 all S/N

**1.3 Time of Compliance:**

On holders discretion

**1.4 Subject:**

ATA-Code: 53-10 Wheels and Brakes  
[Alternate Brake Cylinder](#)

**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. [Revision 1 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:**

- 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:**

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. 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:

- 115C-4321/1 Rev. [c or later](#), 115C-4322/1 Rev. [c or later](#)
- 115EG-4321, 115EG-4322
- 115TA-5303, 115TA-5304

<b>Note:</b> Mixed configurations are not approved.
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### **1.9 Repetitive Actions**

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

## **II. PLANNING INFORMATION**

### **2.1 Weight and CG**

N/A

### **2.2 Material and Availability**

Brake cylinders P/N 10-30D and or Service Bulletin kits P/N 7093-1 [or assembly with GROB P/N](#) may be ordered from Grob [Aircraft AG](#).

### **2.3 Special Tools**

See CM 10-30, latest issue

### **2.4 Labor costs**

N/A

### **2.5 Reference documents**

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

### **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,
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e-mail:	<a href="mailto:productsupport@grob-aircraft.com">productsupport@grob-aircraft.com</a>