**SERVICE BULLETIN**

SB No. 129 Issue No. 2

TITLE **HOFFMANN SB 61-11-03 E9A INSPECTION FOR WEAR AND LEAKAGE ON SPACER**

CLASSIFICATION

This Service Bulletin has been classified by SAL as Recommended

COMPLIANCE

During next repair or overhaul

This SB 129 Issue 2 supersedes Issue 1.

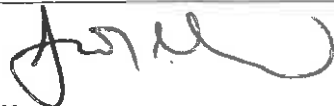
APPLICABILITY:

T67M200, T67M260 and T67M260-T3A.

Attached is Hoffmann Propeller Service Bulletin 61-11-03 E9A which is reprinted in its entirety.

Any further information or components required to comply with this Bulletin should be obtained from Hoffmann Propeller.

ISSUED BY:



Date

17 Sep 97

for and on behalf of **SLINGSBY AVIATION LIMITED**
Kirkhymoorside, York YO6 6EZ, England.Tel. 01751 432474
Fax 01751 431173

Page

1

of 1



HOFFMANN PROPELLER
Service Bulletin 61-11-03 E9A

Revision A: 9 September 1997

Supersedes SB 61-11-03 E9, dated 21 April 1997

1.1 Effectivity

Propeller HO-V123()-KV.

Modification designation (VP20-1229) **a**

Compliance: During next repair or overhaul.

1.2 Reason

Wear and possible oil leakage on the spacer 1.174 (part number VP20-1229).

1.3 Description

Some propellers HO-V123()-K() mainly installed on acrobatic category airplanes have been found with oil leakage on the front spacer 1.174 (part number VP-1229).

1.4 Approval

The design data contained in this Service Bulletin has been APPROVED under the authority of LBA Design Organisation Approval No. I-EC 2.

1.5 Manpower

None during repair or overhaul.

1.6 Material - cost and availability

Repair kit VP20-1520 as listed in section 3 of this Service Bulletin is available at HOFFMANN PROPELLER GmbH & Co KG



1.7 Tooling

None

1.9 Electrical Load Data

Not affected.

1.10 Software Accomplishment Summary

Not affected

1.11 References

HOFFMANN Propeller Repair and Overhaul Manual No. 61-11-02 E376

1.12 Other Publications

None

1.13 Family Tree Chart of Modification Relationships

Not applicable.

1.14 Interchangeability or Intermixability of Parts

Not affected



2 Accomplishment Instructions

Exchange parts according to Propeller Repair and Overhaul Manual No. E376.

The following work instructions refer to Hoffmann Component Maintenance Manual E376, Figure 10-2, 10-7

- 2.1 Remove and retain spinner screws- 3.7- and washers -3.21
- 2.2 Remove and retain spinner dome 3.17 and fillets 3.16
- 2.3 Remove spinner dome support assy - 1.184

Note: WD 40 may facilitate removal

- 2.4 Using a drift and hammer, unbend lock washer - 1.43
- 2.5 Loosen low pitch stop - 1.21- using spanner PV-999 or equivalent

Warning: Hold pitch change rod - 1.182 in position while loosening and removing self-locking nut - 1.13

- 2.6 Remove and discard self-locking nut - 1.13
- 2.7 Remove and retain washer - 1.22
- 2.8 Remove and retain low pitch stop - 1.21
- 2.9 Remove and retain lock washer - 1.43
- 2.10 Remove and discard roll pin - 1.183
- 2.11 Remove cylinder using spanner PV-1814 - and retain, (turn CCW facing cylinder)
- 2.12 Remove and discard spacer -1.174- with O-ring - 1.49 (cut O-ring)
- 2.13 Remove, cut and discard O-ring - 1.176
- 2.14 Slide piston - 1.171- off piston rod - 1.182
- 2.15 Remove, clean and retain O-ring - 1.178 - replace if necessary
- 2.16 Remove and discard O-ring - 1.175- of the piston
- 2.17 Inspect and replace, if necessary, O-ring - 1.48
- 2.18 Clean retained parts
- 2.19 Reassembly in reverse order.

Note: Apply torque according Table in Figure 7-1 E 376.

Apply a thin coat of engine oil to O-ring prior to installation

- 2.20 Install roll pin - 1.183, protruding 5 - 6mm (0,2-0,24 inch) from the cylinder



3 Material Information

Repair kit No. VP20-1520 includes the following parts:

Item	Quantity	P/No.	Description
1.13	1	SSN440 M10	Stopnut
1.43	1	Ø20 DIN462	Tabwasher
1.48	1	PRP 155	O-ring
1.49	1	PRP 111	O-ring
1.174	1	VP20-1229a	Spacer (x)
1.175	1	PRP 112	O-ring
1.176	1	PRP 117	O-ring
1.183	1	A-3150-4	Roll pin

(x) Performing the repair during overhaul, only the spacer is needed.



SERVICE BULLETIN INDEX

SB	Date	Remarks
61-10-03 SB(E)1T	96/12/11	TBO of HOFFMANN Propellers
(E)2	81/05/25	Deleted
(E)3	81/01/05	Deleted
(E)4	84/02/20	Deleted
(E)5	85/07/19	Deleted
(E)6	88/01/18	HO-V123()-()-()-()180R; Cracks in the FRP-coating - daily inspection
(E)7	94/03/30	Adapter check, Spitfire blades
61-12-03 SB E8	95/03/23	HO-V123K-KV/180DT; blade and counterweight check.
61-11-03 SB E9A	97/09/09	HO-V123()-KV front spacer VP20-1229