



Service Bulletin

S.B. No: 174

Title: HOFFMANN 61-11-03 E13 : PROPELLER PITCH CHANGE MECHANISM SCREW MODIFICATION

Classification: This Service Bulletin has been classified by SAL as Essential

Compliance: At next repair or overhaul

Applicability: T67M200, T67M260 and T67M260-T3A

Attached is Hoffmann Service Bulletin 61-11-03E 13 which is reprinted in its entirety.

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



Approved by: 		
For and on behalf of SLINGSBY AVIATION LIMITED	Date: 27 June 01	Issue 1
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HOFFMANN PROPELLER
Service Bulletin 61-11-03 E13

07. June 2001

1.1 Effectivity

Propeller HO-V123()-(), HO- V343()-()

Modification Designation:

- HO-V123()-(): **A**
- HO-V343()-(): **A**

Compliance: During next repair or overhaul.

1.2 Reason

Possible failure of the screws 1.180, 1.21 (part number AN503-10-14).

1.3 Description

Some propellers HO-V123()-V() mainly installed on acrobatic category aeroplanes have been found with broken screws.

On propellers HO-V343()-() no problems were found but the screws will be changed precautionary.

1.4 Approval

The design data contained in this Service Bulletin has been APPROVED under the authority of LBA Design Organisation Approval No. LBA NJA.003.

1.5 Manpower

None during repair or overhaul.

1.6 Material - cost and availability

The modified parts according to this Service Bulletin are available at HOFFMANN PROPELLER GmbH & Co KG ROSENHEIM.

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
HOFFMANN Propeller Repair and Overhaul Manual No. 61-11-02 E661

1.12 Other Publications

None

1.13 Family Tree Chart of Modification Relationships

Not applicable.

1.14 Interchangeability or Intermixability of Parts

Modified parts cannot be used in combination with unmodified parts.

2 Accomplishment Instructions

- 2.1 Exchange affected parts according to the Propeller Repair and Overhaul Manual No. E376, or E661.
- 2.2 Append modification designation according to 1.1 to the propeller S/No. and record modification in propeller log.
- 2.3 Report any deformation or damage of concerned parts to HOFFMANN.

3 Material Information

The modification has to be carried out at a HOFFMANN approved service station. The necessary material is available at HOFFMANN Propeller GmbH & Co KG ROSENHEIM:

HO-V123				
Item	Qty	Old P/No.	New P/No.	Description
1.170	1	VP20-1226	VP20-1226A	Bushing
1.180	6	AN503-10-14	DIN 912-8.8 M6x22	Screw
1.25	6	DIN125-B5.2	DIN125-B6.4	Washer
1.179	1	VP20-1251	VP20-1251A	Cylinder Support
1.2.1	1	VP20-551()	VP20-551F	Hub HO-V123K-()(K) Hub HO-V123L-()(K)
1.44.1	1	VP20-649()	VP20-649B	Hub HO-V123F1-()(K)
1.1.1	1	VP20-537()	VP20-537E	Hub HO-V123F-()(K)
1.138.1	1	VP20-537-1()	VP20-537-1B	Hub HO-V123F-DFR
1.().2	6	01320696006	0132006009	M6 HeliCoil

HO-V343				
Item	Qty	Old P/No.	New P/No.	Description
1.33	1	VP20-1226	VP20-1226A	Bushing
1.21	6	AN503-10-14	DIN 912-8.8 M6x22	Screw
1.20	6	DIN125-B5.2	DIN125-B6.4	Washer
1.36	1	VP20-1251	VP20-1251A	Cylinder Support
1.1.1	1	VP20-1263()	VP20-1263A	Hub HO-V343B
1.38.1	1	VP20-1278()	VP20-1278A	Hub HO-V343K(),L()
1.62.1	1	VP20-1619()	VP20-1619A	Hub HO-V343F
1.().2	6	01320696006	0132006009	M6 HeliCoil

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Replace following parts with modification on all propellers				
Item	Qty	Old P/No.	New P/No.	Description
1.176/1.25	1	PRP 117	PRP 117	O-Ring
1.177/1.34	1	PRP 032	PRP 032	O-Ring
1.48/1.18	1	PRP 155	PRP 155	O-Ring
1.17/1.12	1	3520DU	3520DU	Bushing

The hubs as well as parts VP20-1226 and VP20-1251 can be modified. Affected parts can be sent back to HOFFMANN for modification, or can be carried out at a HOFFMANN approved service station on request.