

Propellers - Variable Pitch - Hoffman

AD/PHOF/1 **Blade Pitch Change Fork - Replacement** **5/83**

Applicability: All Hoffman variable pitch Model HO-V123 series propellers fitted to Lycoming Model 0-540 and IO-540 series engines.

Requirement: Required action:

- (a) The forks and the pitch change blocks are to be exchanged in accordance with instructions given in overhaul manual E 105 by an appropriately approved organisation.

<u>Part</u>	<u>Old P/No.</u>	<u>New P/No.</u>
Pitch change fork	VP 20-747	VP 20-909
Pitch change block, symmetric alternatively	VP 20-554	VP 20-912
Pitch change block, unsymmetrical	VP-20-550	VP 20-908

- (b) Mark modified propellers with 4 mm high letters "SB 3" above the manufacturing year.

Note: German A.D. Luftfahrt-Bundesamt 63-303-61-83-29 refers.

Compliance: Part 1: All models fitted to aerobatic certificated aircraft, by 31st July, 1983.

Part 2: All other models by the next reconditioning inspection or 30th November, 1983 whichever is the sooner.

Background: The manufacturer advises that reports have been received of cracked pitch change forks particularly on aerobatic certificated aircraft, consequently a stronger designed pitch change fork has been introduced.