

# SERVICE BULLETIN

SB No. 027

Issue No. 1

**TITLE**

HOFFMANN PROPELLER - T.B.O.

**CLASSIFICATION**

Recommended

**COMPLIANCE**

Effective immediately

APPLICABILITY


All T67M, T67M-MkII aircraft.

Attached to this Service Bulletin is Hoffmann Service Bulletin No. E1 J.

S.B. E1J is the latest issue of the Bulletin detailing the T.B.O. of Hoffmann Variable Pitch Propellers.

**ISSUED**  
 - 3 OCT 1988

ISSUED BY:



Date 30.9.88

for and on behalf of

SLINGSBY AVIATION PLC

Kirkbymoorside York YO6 6EZ England Tel 0751 32474 telex 57597

Page 1 of 1



## SERVICE BULLETIN NO. E 1 J

replaces S.B. No. E 1 H, dated 23.02.1987  
The German Issue of this S.B. is LBA approved

---

Product affected: HOFFMANN variable pitch propellers, all models  
A/C affected : A/C using HOFFMANN variable pitch propellers  
Compliance : effective date of this Bulletin  
.....

## TBO OF HOFFMANN VARIABLE PITCH PROPELLERS

1) Discussion:

The purpose of S.B. No. 1 is to list the TBO of HOFFMANN variable pitch propellers. This Service Bulletin will be reissued as necessary in accordance with TBO progression and experience.

2) Required Action:

The TBO of propellers listed under 5) is valid only:

- a) if the propeller is approved together with the aircraft and is listed in the Type Certificate Data Sheet or equivalent of the aircraft.
- b) If the propeller Log Card and/or Inspection Certificate shows no other times.

## 3) Overhaul is required prior to accumulation of service hours as listed under 5)

- a) always if ground strike, impact, overspeed or any malfunction, leakage, corrosion, cracks in metal parts or necessary compliance with Service Bulletins or any other reason of serious consideration require overhaul
- b) together with engine overhaul, if propeller and engine service time are equal or earlier, as listed below,
- c) after 4 years since installation on the craft or after expiration of the storage period. The calendar time can be extended over 4 years to coincide with the aircraft's annual inspection, if no Service Bulletins or other Technical Information have been issued for the propeller model. A total of 5 years must not be exceeded. According to TM No. 160 the storage period must not exceed 12 months since new or since last overhaul.



d) ALL MODELS NOT LISTED UNDER 5) are limited to

max. 200 hours or per 3) a) thru c)

whichever occurs first, if not otherwise stated in the propeller Log Card and/or inspection certificate. They must be shipped to the factory for special inspection. If not practical, contact us for approved repair station, having our permission.

e) ALL MODELS USED IN COMPETITION ACROBATICS are limited to

max. 500 hours

If the specific installation listed under 5) shows a lower time, this lower time applies.

TBO is as specified in category 5), provided less than 400 hours are acrobatic.

The TBO is 500 hours if all hours are acrobatic.

The TBO is reached when 400 acrobatic hours have accumulated and total time is less than times specified in category 5).

#### W A R N I N G

Acrobatic manoeuvres can produce excessive loads, which can result in overstress and/or abnormal wear, shorten the service life. Inspection intensity and close inspection-intervals as well as overhaul periods therefore have to be established by the operator.

f) If service time or calendar time of a propeller are unknown, it must be overhauled prior to its return to service.

#### 4) Required Records:

- a) Service hours and all repairs, modifications, overhauls as well as installation to and removal from the A/C are to be listed in the propeller log book or log card. Log book or log card shall be kept together with the A/C and they shall be attached to the propeller if it is removed from the A/C.
- b) The TBO listed in this Service Bulletin shall be recorded in the A/C log book.

4) Table of Propeller/Engine Combinations:

Hub model	basic blade model	Engine Model	TBO hours	LBA Appr.
HO-V 12*)			250*	
HO-V 42/48-( )-( )	all models	Hirth F10 ( )	300	x
HO-V 42/48-( )-( )-R	all models	Hirth F10 ( ) Rectimo 4AR1200	200 200	x x
HO-V 62 ( )	179 Y	TCM/RR G-200-( )	200	
HO-V 62 ( )	all models	SL 1700-( )	1000	x
HO-V 62 ( )	L 160 BT L 160 T	L 2000-( )	1000 600**	x x
HO-V 62 ( )	L 160 BT	Grob 2500 ( )	1200	x
HO-V 72 ( )	all models	Lyc. ( )O-320-( )	750	x
HO-V 92 ( )	195 C	Cont. ( )O-470-( )	1200	x
HO-V 113 ( )	LD 150 +2A	Lyc. O-235 (Speed Canard)	400	x
HO-V 123 ( )	185 V	Franklin 6A350-C1	600	x
HO-V 123 ( )	all models	Avco-Lycoming, Porsche, TCM	1200	x
HO-V 155	137 CL 137 BC	Porsche 930-67 Porsche 930-03	1500 1500	
HO-V 245	LD 120 CM	Allison	500	x
HO-V 254	D 275 CS-PIA D 275 DE-PIA	Deutz Diesel Deutz Diesel	1200 800	
Canada				
ALL MODELS NOT LISTED HEREIN, SEE 3) d)			200	

\*) This model is obsolete and is not being overhauled any longer.  
 \*\*) Limited due to S.B. No. 4 C according to LTA No. 83-150/4.

HOFFMANN PROPELLER ROSENHEIM

LBA No. I-EC 2, No. I-C 14

The German edition of this Service Bulletin is LBA approved