

AIRCRAFT TECHNICAL LOGS

Section 4. PROPELLER

PROPELLER LOG

1. Make HARTZELL
2. Model HCEBYR-18F
3. Specification No. P9EA
4. Date of Manufacture _____
5. Hub Serial No. ~~DK524~~ DK1859A (@ 0/11)
6. Blades
 - (a) Design No. F7666A
 - (b) Blade Serial Nos.
 - (i) H56422
 - (ii) H56423
 - (iii) _____
 - (iv) _____
 - (v) _____
 - (c) Pitch Setting
 - (i) Basic _____
 - (ii) High 28.7
 - (iii) Low 13.0
 - (iv) Reverse _____

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	
BROUGHT FORWARD			950	REMOVED FROM ROCKWELL
JUN 04 2001				FORM 10HS Approved Maintenance Organization No. 65-01 Overhauled as per manual (61-18-15 REV A 23) Airworthiness Directives, service bulletins and service letters covered on Work Order # 61-01-02 REV 12 Finished Diameter .74.0" The maintenance described above has been performed in accordance with the applicable standards of Airworthiness. HOPE AERO PROPELLER & COMPONENTS INC. 2283 ANSON DRIVE MISSISSAUGA, ONTARIO, CANADA L5S 1G8 e-mail propellers@hopeaero.com web site www.hopeaero.com PROPELLER INSTALLED ON TO
SEP 27/02	50	0	100 HR / ANNUAL INSP COMPLETED F.A.W. CRKWS	
MAR 03	37	1	87	100 HR / ANNUAL INSP COMPLETED OIL LUBRICATED WITH ARCO SHOCK OIL
DEC - 99	3			
Jan. 16, 2004				
Prop. removed and replaced to inspect crank seal, prop governor line removed and inspected for corrosion, #1 cylinder hold down nuts re-torqued, and engine washed down.				
99 3				CARRIED FORWARD
TOTAL THIS PAGE				
TOTAL FROM PREVIOUS SUMMARY				
TOTAL SINCE MFG.				

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
112 G-BDEC FOR OVERHAUL RECONDITIONED BLADES F744A INSTALLED SER. H 56422 & H 56423		<i>[Signature]</i>	
C-FDJ.S. APP. B		<i>[Signature]</i>	
THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS. THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS. AIRMOBILE NO. 1837		<i>[Signature]</i>	
IN CAR 625 APPENDIX D		<i>[Signature]</i>	
THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS. AIRMOBILE NO. 2230		<i>[Signature]</i>	
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS. OR LIFE			

[illegible]

REPAIRS, ADJUSTMENTS, MAINTENANCE	SIGNATURE	LICENSE NUMBER
April 23 2004 Engine removed and dismantled by over after check of cranker engine case. Case over hauled by Duce w/ 87409. Engine reassembled. New main bearings and pistons installed. Overhaul manual section 7. Engine reinstalled IAW Gov run-in run SEC 4-24 - B. Philips 2T w50 oil added. Engine ground at 600 rps and pressures normal.	James Duce HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS. AIRMOBILE W/O# 2089, 232 [Signature]	
October 18, 2004 100Hr annual insp completed IAW CAR 625 appB. Oil and filter changed. 7L Shell 15w50 oil added. Comp test all 7980. Left tire rotated. STC SA00805E Vortex generators installed. Seat belts repaired by Aircraft belts. Alt. extponder recertified by Brant Aero w/o 05-16533 Pilot-station system tested IAW CAR 625app C. ELT recertified by Discount wo 52072. Check stroboscopically tested. Engine ground run-time and pressures normal.	James Duce THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIR WORTHINESS. AIRMOBILE W/O# 248 [Signature]	
Oct 26 2005 100Hr/annual insp completed IAW CAR 625 appBAC. Oil and filter changed 7L Shell 15w50 oil added. Comp test all 7980. Left tire rotated STC SA00805E Vortex generators installed. Seat belts repaired by Aircraft belts. Alt. extponder recertified by Brant Aero w/o 05-16533 Pilot-station system tested IAW CAR 625app C. ELT recertified by Discount wo 52072. Check stroboscopically tested. Engine ground run-time and pressures normal.	M.E. FRAME M123570 THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE AIR-WORTHINESS REQUIREMENTS. EAGLEROCK AVIATION WO# 1045 [Signature] MEX373	
- 100 HOURS ANNUAL CHW PER HRG. HUB CRANKED (CRG) - NO LEAK - 14.11 "LAST DUE" FOR 50 HOURS (333.8 STHR) - ENTRY BY FR FWD TO FIRST "COMPLETION" DATE AND JOURNEY LOG. - ENTRY BY [Signature] M.E. FRAME M123570		
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS. OR LIFE _____		

PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSTRUCTIONS, NOTES: USE BOTH INDEX AND ARMY LINE AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
Aug 14/18	-	-	384	3	ANNUAL INSP. FOR PWS
Aug 14/18	-	-	384	3	THE 301 NO RECORDS - SEE "RECORDS"
Aug 14/18	186	33	384	33	PROP. REMOVED FOR REPAIR TO AIRCRAFT OF CHINA.
Aug 14/18	-	-	384	33	

Propeller overhaul

This propeller has been overhauled to conform with overhaul manuals 117, 202 and 133. All Service Letters and Airworthiness Directives, as per sheet attached in AD section. Described Maintenance has been performed in accordance with the applicable airworthiness requirements.

Signature and authorized stamp

27th July 14
186 33
SEP. 1/2018

NOV. 1/2018
SEP. 23/2019

SEP. 23/2019

PROP. REINSTALLED ON C-47SS
ANTI-CORROSION ACFSO APPLIED
(DOWNWARD). ANNUAL INSP. TO
RELEASES SIGNED ON W/O 3101 IN
* AND/OR W/O # 3289 FIRM WITH
PROP. INSPECTED AND A.D.S. CHECKED
PROP. IS CONSIDERED ELIGIBLE FOR
ALL RELEASES SIGNED ON W/O'S LISTED
PWS IN THE AIRCRAFT'S JOURNAL

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

CARRIED FORWARD

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRICK: DRAW A DIAGONAL LINE THROUGH THE UNDER LINE IN DATE AND TIME COLUMNS

AT 100 HOURS AND 186 33
SEP. 1/2018 (NO NEW
ENTRY - Y/O - M123370)
PWS CHG. A.D. 100 - 186 33 AND SENT TO

REPAIR 14. C/S DESIGNED & FLANGE PUSHED A-2.
TO C/S FLANGE. STUDS TORQUED, BUDS TRACKED, STUDS
STUDS (A) (D.I.) CONSIDERED COMPLETED. ALL MAINTENANCE
CHECK SHEETS FIRM IN RECORDS AND IN JOURNAL W/O # 3081/3101 IN RECORDS. (ENTRY)
W/O # 3081/3101 IN RECORDS. (ENTRY)
AGAIN (REMOVED WITH W/O # 3289 FIRM IN A/P RECORDS).
FERRY FLIGHT A/D ANNUAL RE-CERT. -
IN A/P RECORDS A/D THEIR ASS. ATTACHMENTS
ING. (ENTRY)

SEP. 1/2018
M123370

SEP. 1/2018
M123370

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.
OR LIFE

PROPELLE

NOTE: USE BOTH PAGES AND

ANNUAL
FILE IN
1. APPLICABLE
PROP. RETN
DELO PROP

Propeller over
This propeller has been
overhaul manuals 117
Letters and Airworthiness
attached in AD section
been performed in accordance with
airworthiness requirements

Signature *apd*

PROP. REIN
ANTI-CARROT
(OCCURRED)
RELEASES S
AND/OR W
PROP. INSPCT
PROP. IS CON
ALL RELEASES S
PIWS IN TH

1. Approving Civil Aviation Authority / Country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No. 12918
4. Organization Name and Address Aero Propeller of Calgary LTD. 9, 4216-12 th St. N.E. Calgary, AB T2E-6K9					5. Work Order / Contract / Invoice 12918
6. Item 1	7. Description Propeller	8. Part No. HC-E2YR-1BF	9. Qty 1	10. Serial/ Batch No. DK1859A	11. Status / Work Overhaul
12. Remarks Propeller overhauled to conform with overhaul manuals 113B, 202A & 133C. All Service letters, Bulletins & Airworthiness Directives as per sheet attached in AD section performed. Described Maintenance has been performed in accordance with the applicable airworthiness requirements.					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 12.					
13b. Signature		13c. Approved Organization Number		14a. Signature <i>Nasirdin Javer</i>	
13d. Name		13e. Date (dd-mm-yyyy)		14c. Approved Organization Number 235-92	
				14d. Name Nasirdin Javer	
				14e. Date (dd-mm-yyyy) 23 rd July 2014	

14a. ☒ CAR 571.10 Maintenance Release
☐ Other regulation specified in block 12.

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations (CARs)

RECORD OF PROPELLER
AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE A/D, S/B, S/L, MODS DETAILS OF
JUN 04 2007 FOR AD, S/B, S/L, & MODS
SEE ATTACHED SHEET

DET 6-03 AD 2003-01-03 N/A BY S/N
DET 6-03 AD 2003-13-17 N/A - NOT OVERHAULED AT THIS
DET 6-03 AD 2001-22-05 N/A - NEVER USED FOR HELICOPTER
DET 6-03 AD 2002-05-05 ALL BLADE #15 ABOVE 19475

NOV. 29/06 2005-14-11 N/A BY C/M HISTORY
" " 2006-13-15 (501/00) FIRST "SWITCH" 50 HOURS
" " 2006-13-15 (501/00) AND THEN REPEATING
" " 2006-13-15 (501/00) NEXT CALIBER
" " 2006-13-15 (501/00) (OR) NEXT HOURS
" " 2006-13-15 (501/00) N/A BY S/N "AND"
" " 2007-24-07 PCW AS A/D, 77-12-00 AND
" " 2007-26-07 PWS N/A BY BLADE
" " 2007-26-07 RESTRICTIONS DO NOT
" " 2007-26-07 X GO TO NEXT PAGE.

WORK OR INSPECTION PERFORMED

WCH 752779

HOPE AERO
PROPELLER & COMPONENTS INC.

SIGNATURE

LOGBOOK NUMBER

FACILITY
126
34

NOT OUT FOR 50 HOURS OR 333.8 HOURS
EA 100 HOURS AFTER THAT
C/M NOT OUT UNTIL SEP 15/2011
C/M @ MER, TBO IS 2000 500H
C/M HISTORY
2007-09-07 (NOTE ABOVE ENTRIES)
S/N, "STILL", AND RPT
APPLY TO THIS MODEL
M.E. FRAME
M123370

TINS (S/B),

AILS OF

2 AT J445
AERICUTG
DVE D475

HISTORY
50 HOUR
EXPIRATION
CALENDAR
HOURLY

DATE: Jun-04-2001
MODEL: HCE2YR-1BF
SERIAL: DK524

PAGE 1 OF 1

THE FOLLOWING WERE COMPLIED WITH ON WORK ORDER T52979:

AD 77-12-06

Dec-21-1977

Y SHANK BLADE - BLADES COLD ROLLED AS PER MANUAL 133C/61-13-33. REROLL WITHIN 12,000 HOURS. AS PER S/L 61U.

AD 90-02-23

Jan-22-1990

2 BLADE Y SHANK PROPELLER. PROPELLER HUB CRACKS. REPETITIVE INSPECTION NOT APPLICABLE DUE TO INSTALLATION. AD APPLIES ONLY TO AEROBATIC AIRCRAFT OR INSTALLED ON LYCOMING TIO-540 ENGINES RATED AT 260 HP OR HIGHER. HUB GREASE FITTING HOLES WITHOUT "A" HUB SERIAL NUMBER SUFFIX CHAMFERED AS PER HC-SB-61-213.

AD 2001-07-03

Jun-04-2001

Y SHANK PROPELLER. RECORDS CHECKED FOR PREVIOUS MAINTENANCE BY BASCO. NO RECORD OF BASCO MAINTENANCE FOUND.

S/L 61-184

Apr-12-1999

PROPELLER GREASED. REGREASE AS PER HC-SL-61-184.

S/L 61-209 REV. 0

Feb-12-2001

(B,C,D,E,P)HC(C,E,F,G,I,J, L,M)(2,3,4)Y(F,L,K,R,N) -(1,4)0 PROPELLER WITH ALUMINUM BLADES. ALL WORK CARRIED OUT USING CURRENT MANUALS AS PER THIS SERVICE LETTER. PROPELLER OVERHAUL 113B/61-10-13 REVISION # 23, BLADE OVERHAUL 133C/61-13-33 REV. # 10 STANDARD PRACTICES 202A/61-01-02 REVISION # 12.

PER

Alvin Hope
HOPE AERO PROPELLER & COMPONENTS, INC.



NOT DUE FOR 50 HOURS OR 333.8 SMOH
EA 100 HOURS AFTER THAT
O/H NOT DUE UNTIL SEP 15/2011
O/H @ MFR'S TBO IS 2000 SMOH

RECORD OF PROPELLER AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE A/D, S/B, S/I, MODS DETAILS OF

Mod.# HC-E2YR-1BF Ser# DK1859A WO# 12918

Service Bulletins

		CW	FI	NA
SB-97A	Blade balance hole found shot peen and holes were eddy current to comply		X	
SB-118F	Blades rolled and were eddy current to comply		X	
SB-136I	Blade bores inspected to comply with		X	
SB-61-227	Hub eddy current to comply			X
SB-61-269	Hub inspected to comply			X
SB61-315	Pitch change bore inspected and found in tolerance	X		
SB61-323	Hub not on a IO-360 engine			X

Service Letters

SL-61-255	Hub inspected to comply		X
SL-61-282 R1	Thrust plats inspected to comply	X	

Airworthiness Directives

AD 64-20-01	Steel block found installed		X
AD 77-12-06 R2	Blades eddy current to comply. Compression rolling & checked with comparator to comply	X	
AD-07-26-09	Propeller not installed on a 300 HP engine	X	
AD 01-07-03	Propeller was not overhauled by Brothers Aero Service		X
AD 03-01-03	Not Applicable By Mod. and Ser. no.		X
AD 03-06-02	No de-icers installed		X
AD03-13-17	Prop not overhauled by T&W Prop		X
AD 05-14-11	Propeller was not overhauled by Southern California Prop		X
AD 06-24-07	Prop not overhauled by Oxford Av.		X
AD 09-22-03	Propeller not installed on a O-10 or a TSIO360 engine (SEE BELOW)		X

Date 23rd July, 2014

CW= Complied with

Signature and authorized

FI= Found incorporated

NA= Not Applicable

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

WORK OR INSPECTION PERFORMED

SIGNATURE

LICENCE NUMBER

SEP-1/2018 2006-18-15 * NO LONGER REPEITIVE -
(SUPERSEDED BY) BY A.D. 2009-22-03
SEP-1/2018 2007-22-03 → IS N/A DUE TO HUB
INSTALLED ON A 300
SEP-1/2018 STD 625(C) (4+5) (1042) 1042 1042 1042 1042
2008-13-03 1042 1042 1042 1042 1042
SEP-1/2018 STD 625(C) (4+5) (1042) 1042 1042 1042 1042
(OR) 1042 1042 1042 1042 1042
SEP-1/2018 71-21-09 (NEW LISTING ON TIC RUNOUT)

HEAVY HUB INST. @ O/H. PWS A.D. SUPERSEDED
(SEE BELOW)
HAVING SUFFIX "A" AND NOT POSSIBLY BEING
H.D. ENGINE, AN AIRCRAFT (OR) AIRCRAFT AIRCRAFT.
AFTER O/H — DUE AGAIN @ JULY 1 2014 (SEE BELOW)
"SUFFIX" S/N PWS NOT IN "L" TURNING ENGINE.
SEITE'S "10 YRS. FRUIT LAST O/H" (OR) JULY 1 2014 (OR)
"INSPECTION" (OR) SEPT. 1 2014
N/A BY MODEL (-220 VS. -1BF) PWS "16" AIR CHARGE.