

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-IN

PROPELLER S/N __FP 52978 FP884813

LOGBOOK # 2

Date	Pro TSN	peller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.					
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				HARTZELL SERVICE CENTER HARTZELL	Ministra				
		_		5465 W. St. Rt. 185 Piqua, Ohio 45356-2634 U.S.A					
				7/3/2007					
				S/N: FP5297B; TSN 316.5					
	- Vannes and a superior			Repaired face side of all three blades, and static balanced					
				prop. Work was performed IAW Hartzell manuals 113B-R32, 135F-R11, 202A (Vol. 1-R31, Vol. 6-R29, Vol. 7-R30,					
				Vol. 11-R29). Reference Form # 25 for serial numbers and					
				times. Pertinent details of the repair are on file at this agency under Work Order R023507.					
				10 * Old Rozson.					
				Allmos & Menloy					
				Dennis Pittsenbarger Repairman # 2424395 Repair Station # SJ3R843L					
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•					7				
- MC	DDEL: S/N:	SR22 2293		CORPORATE FLIGHT MANAGEMENT, INC. DATE: 7/3/2007	\dashv				
RE		N420SE	:	625 F!TZHUGH BLVD. Hobbs 316.5					
21				(6.10) (6.10)					
Main	enance A	ccomplisi	hed:	Propeller	1				
-Rem	oved Prop	eller P/N F	HC-J3YF	-1N/ N7605B, S/N FP5297B, and sent for repair. Sition after repair IAW Hartzell Propeller Manual # 145 Section 3.	-				
Regu	ations and	u is approv	ea for rett	as repaired and inspected in accordance with current rules of the Federal Aviation urn to service. Details of the repair and inspection are on file at this Repair Station under	-				
	1	15579 Dat	1ed 07/3/0		1				
_ Signe		rate Flight	t Manager	ment, Inc. Certified Repair Station FJTR920D CFM Form 007	+				
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\dashv		-			-				
				SFE log entry dated 1/11/08 in					
				#1 P(02 10a					
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Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	REG Maintenance	Accompopeller Pl	## 15 Propeller ## 15 Propelle
	HARTZELL SERV 5465 W. St. Rt. 185		R
	lubricated and with Hartzell m 1-R33, Vol. 2-l R29, Vol. 10-R Service Letters HC-SL-30-259 Instruction 152 details of the remarks Baker, Rep.	8 TSN:749 ssembled inspected nanuals 11 R28, Vol. 30, Vol. HC-SL-(-R10, HC	propeller. Installed three new blades. Static balanced, prop assembly. All work was performed in accordance 3B-R33, 135F-R14, 159-R8, 180-R3, 183, 202A (Vol. 3-R29, Vol. 6-R29, Vol. 7-R31, Vol. 8-R28, Vol. 9-1-R29) and Service Bulletin HC-SB-61-296-R1 and 1-61Y-R1, 154, HC-SL-61-229, HC-SL-61-241-R1, -SL-30-260-R11, HC-SL-30-261 and Service nce Form # 25 for serial numbers and times. Pertinent in file at this agency under Work Order R026958
	Repair Station	n # SJ3R84	

Date	Prope TSN	eller TSO	A/C Hrs		cription of all operations te Documents, Overha					
Main Re-ir	etenance Anstalled pro	2293 N420S Accomplopeller, F	lished: P/N PHC-	J3YF-iN, S/N FP5	625 Fitzhugh Smyrna, 61 Propeller S/N FP5297B 297B with ref. to Cirrus A	TN 37 5.534.4 MM 61	7167 1600 -10.	DATE: TAT: Hobbs: Flight: PTSN:	749.6 749.6	
Sign F	ed: or: Corpo	orate Fli	ight Mana	agement, Inc.	Certified Repair Stati	on	E ITE	R920D		
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				-	An An 2725	nuu	try 7 R-8			Manager and the second
					I certify that this prope accordance with Annual be in airworthy condition. Rhett Hart AP227252878	al ci	√42(28.3			
				535	I certify that this propeller accordance with Annual and be in airworthy condition. Rhett Hart AP227252878IA	heck)SE T.		Y	Special Control of the Control of th
				•	I certify that this propeller was inspection in accordance with Annual and was determined to be in airworthy condition. Rhett Hart AP227252878IA	Comply with annual checklist 05-20 page3-17	r.s.	TRANSPORT SOUTHOUS		
			-	-	r was ins	05-2	ې 8	0,		
				15	nspo eter)0 ps	28.3			
				-	min	age3				
				_	on i	3-17				
					i o	= 19,700				

	Leading the Busines	s of Aviation	530 West Deer Valley Road Phoenix Arizona 85027		623-581-1444 Phone 623-581-1555 FAX	3.				
	Model Serial No. Registration Prop Model	SR22 2293 N420SE PHC-J3YF-1N	Propeller Log	Work Order No. Hour Meter Aircraft Total Time Prop Serial	09MN-2161 1069.1 1069.1 FP5297B					
	Prop Model PHC-J3YF-1N Prop Serial FP5297B Performed Annual inspection in accordance with Cirrus inspection guide Chapter 5-20 dated 15 Jun 2010. Removed prop to be sent out for evaluation. Received overhauled Prop p/n PHC-J3YF-1N s/n FP5297B from Warner Propeller and Governor Co. FAA CRS# W59R659N under work order 7983. Installed overhauled prop back on engine in reference to the Hartzell Propeller Owner's Manual 3-9. No leaks detected. Maintenance Release The aircraft or component identified above were repaired and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency under the above listed work order. Signed: Date: Burl Hanchett AP3165742 I certify that this aircraft propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition Signed: Date: 6/15/11 Dan Corallo AP 89527431IA									
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	OATE:08-01		A JOVE INMANZOOFF CON-							
- N	I420ASE F	HARTZELL PHO	C-J3YF-IN1N7605B SN:I		TACH: 1161.6					
- N	1420ASE H CERTIFY TH DETERMINED	HARTZELL PHO IS PROPELLER HA TO BE IN AIRWOI								
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DA	CERTIFY THE CERTIF	IARTZELL PHO IS PROPELLER HA TO BE IN AIRWOI WILLIAMS 3	AS BEEN INSPECTED IAW A RTHY CONDITION.	100HR INSPECTION						
DA N4	CERTIFY THE CERTIFY THE CERTIFY THE STATES 8/27/2014 CONTRACT CONT	IARTZELL PHO IS PROPELLER HA TO BE IN AIRWOI WILLIAMS 3 ELL PHC-J3YF-IN1N7 PROP HAS BEEN INS	AS BEEN INSPECTED IAW A RTHY CONDITION. AP 3003/79	3 HOBBS: 1204.3	I AND WAS					
DA N4	CERTIFY THE CERTIFY THE CERTIFY THE STATES 8/27/2014 CONTRACT CONT	ARTZELL PHO IS PROPELLER HA TO BE IN AIRWOI COLLANGE 3 ELL PHC-J3YF-IN1N7 PROP HAS BEEN INS	AS BEEN INSPECTED IAW A RTHY CONDITION. AP 3003/79 7605B SN:FP5297B TT: 1204.	3 HOBBS: 1204.3	I AND WAS					

Date	Prop TSN	eller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
		1/2014 20SE HAI	RTZELL PH	HC-J3YF-LN SN: FP5297B HOBBS: 1225 TSOH: 155.9
	PFI	REORME	D A 100 HO	OUR INSPECTION IAW CIRRUS INSPECTION GUIDE CHPT 5-10.
				ROUGH BIWEEKLY 2014-21.
				PROPELLER HAS BEEN INSPECTED IAW AN 100HR INSPECTION AND WAS DETERMINED TO BE IN
			Y CONDITIC	\mathcal{M}_{1}
	— NA	TE WILLIA	AMSON AP	3223179
_	- GI		Glendale	Aero Services Registration: N420SE PROPELLER LOG
		6		n Harbor Blvd , Date: 10/23/2015 W/O: 6001374
	1	ENGE 6	23-414-493	0 S/N: FP5297B TSMOH: 1121.5 PTSN: 1121.5
	Con 20 a	nplied wit and Precis	th annual in se Flight/To	rspection IAW 14 CFR 43 Appendix D using the Cirrus Aircraft annual inspection checklist CH 5- prinado Alley ICA.
-	AD's	s research	ned thru T-D	lata content revision 2015-20, see attached AD compliance list for details. eroshell 6 grease. Inspected and profiled minor nicks in blades as required.
	Pos	t mainten	ance ground	I run-up and operational checks performed with no leaks or defects noted.
	l cer	rtify this pi dition	ropeller has	been inspected in accordance with an Annual / 100 Hr. inspection and was determined to be in airworthy
	SIG	NATURE	: James Bu	utler FAA AUTHORIZATION: 2833700 IA
		•		- John Marie -
	/			
T				
	N42 Har Tac	h: 1145.7	N 2293 - J3YF-1N Prop TT:	S/N FP5297B VectorAir Aircraft Inspection & Repair Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516 Late, sent in for evaluation following prop strike with tow bar. END
				Terrill Shafer
			•	AP2860279IA
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AIRWORTHINESS DIRECTIVES CHECK LIST

Form # 113B - AD

Form Rev: 5

Form Rev Date: February 18, 2011

113B HC-()(2,3,4)Y()-(1,4)

Technicians initials = Compliance or Confirmed Compliance

N/A = Not Applicable

Work Order:

Page 1 of 1 44464

NA 2009-22-03

()HC-()2Y(K, R)-() series propellers installed on Lycoming 360 series engines. Eddy current inspect hubs per Hartzell bulletin HC-SB-61-269 each 100 hours. Hubs with an 'A or B' suffix at the end of the propeller serial number are not affected by this AD. This AD does not apply to Aerobatic and Agricultural aircraft (see AD 2001-23-08 for these applications).

NA 2007-26-09

This AD supersedes AD 2002-09-08 and applies to all Hartzell Propeller Inc. models ()HC-()()Y()-()()() compact series constant speed or feathering propellers with Hartzell manufactured 'Y' shank aluminum blades. The AD requires initial blade inspection and rework, with no repetitive inspections. Prior compliance with AD 77-12-06 rev 2 is an indication of previous compliance with this AD. Blades with serial numbers higher than D47534 are also considered to be in compliance with the one time inspection and rework requirements of this AD.

_2005-14-11

Inspection of propellers returned to service by Southern California Propeller Service of Inglewood, CA.

Inspection of propellers returned to service by T and W Propellers, Inc. of Chino, CA.

2003-06-02

HC-C2Y(K, R)-1BF/F8477-4 propellers with TKS (Aircraft Deicing) Ltd. anti-ice boots that were installed by SOCATA-Groupe AEROSPATIALE, using TKS Ltd. Procedure P232. This AD requires removal of the anti-ice boots, inspection and rework of the anti-ice boot area of the propeller blades, and installation of new anti-ice boots.(ref. HC-ASB-61-251)

2003-03-20

HC-C2YR-4CF / FC8477A-4, installed on Sky International Inc. (Pitts) S-2S and S-2B airplanes with Textron Lycoming model AEIO-540-D4A5 engines. The hub and blades certified service (fatigue) life from unlimited hours to 2,000 hours.

/A _2003-01-03

()HC-()2Y()-() propellers with certain serial numbers (SN's) of two-bladed aluminum propeller hubs part numbers (P/N's) D-6522-1, D-6522-2, D-6529-1, and D-6559-3. This action requires removal from service of those certain SN's of two-bladed aluminum propeller hubs and replacement with serviceable hubs.

N/A _2001-23-08

This AD applies to ()HC-()2Y()-() propeller models installed on Piper PA-32 series aircraft with Textron Lycoming 540 series engines that are rated at 300 HP or higher, or installed on Pilatus Britten Norman or Britten Norman BN-2 series aircraft with Textron Lycoming 540 series engines, or installed on any aircraft certificated in the acrobatic category, or installed on any aircraft that has ever been used for agricultural operations. This AD does not apply to propeller models with the suffix letter "B" at the end of the hub serial number. This AD requires initial and repetitive eddy current inspections of propeller hub for cracks, and replacement of hub if cracks are found. This AD requires replacement of certain serial-numbered hubs at next overhaul or at specified intervals. (ref HC-SB-61-227)

Certain Hartzell Propeller Inc. Y-shank series propellers, identified by hub serial numbers, that were returned to service by Brothers Aero Services Company, Inc. (BASCO). This AD requires maintenance actions amounting to an overhaul of affected propellers.

Certain 3 blade "Y" shank hubs installed on 540 series engines, repetitive visual/eddy current inspection every 10 hours, others at 50 hours; alternative hub chamfer good for 400 hours; replace critical hubs by June 30, 1995. Lower risk models - AD says if chamfered, it can go 400 hrs, then repeat at 400 hr. intervals whereas SB 165 says it can go 400 hours, then repeat at 100 hr. intervals.

A//A 64-20-01

HC-C2YK-1/7666-2, HC-E2YL-2B/7663-4. Replacement of plastic pitch change blocks. Reinspect every 10 hours until compliance with SB 86.



A_HC-SB-61-227 rev 6

SERVICE BULLETIN CHECK LIST

Form # 113B - SB

Form Rev: 41

HC - ()(2,3,4)Y() - (1,4)

113B

Form Rev Date: January 08, 2016

Page 1 of 2 Technicians initials = Compliance or Confirmed Compliance Work Order: N/A = Not Applicable44464 N/A HC-SB-61-369 (B, D)HC-(C, G, I, L, M)2Y(F, K, L, R)-1() - Inspection of hub bushing p/n 103433 for incorrect location of retaining ring groove. HC-ASB-61-341 rev 2 Hub replacement for HC-(C,E,I)(2,3)YR-(1,2) propellers installed on SMA engines. HC-SB-61-356 rev 1 Blade-Secondary Windings on ()7690 () and () 7890 () Composite Blades, may not meet design specifications. MA_HC-SB-61-360 ()HC-()2Y(F,R)-(1,4)N / N7605 - Change in pre-load set screw p/n 101667-() to acheive proper thread engagement and proper pre-load. HC-SB-61-329 7690C() to 7690E() Propeller Blade Conversion HC-SB-61-323 HC-()2Y()-()-Eddy current inspection of 2-blade hubs installed on Socata TB-10 & TB-200 aircraft that use Lycoming ()-360 series engines. HC-ASB-61-322 rev 1 Blade replacement requirement for blades with certain serial numbers. Ru HC-SB-61-319 N7605(B,K) and N()7893 composite blades - blade modification requirements for certain serial numbers. NA HC-SB-61-315 rev 2 Introduction of requirement for installation of engine-side hub bore bushing in Hawker Beechcraft Bonanza and Debonair applications. Re HC-ASB-61-306 rev 2 N7605() composite blades - Inspect for cracks on blade surface. HC-ASB-61-303 rev 1 Cessna 180 (A-H,J,K) Skywagon equipped with floats requires replacement of the PHC-(C,G)3YF-1RF/F7691() propeller with the PHC-(C,G)3YF-1RF/F8468A-6R propeller. I/A HC-SB-61-299 ()HC-(G,I)3Y(F,R)-1 / 7890K - Replacement and inspection of B7051-57 set screws. HC-SB-61-296 rev 1 ()HC-()3Y()-() - Inspection for discontinuities on the internal web area of specific serial numbers. N/A HC-SB-61-288 BHC-L2YF-4(B,F)/(F)C8468AR installed on Beech A45, T-34A, and B45 - remove counterweight slugs and pitch change knob inspection. Pu HC-SB-61-284 rev 3 ()HC-(G,I,J)3Y(F,R)-1() - installed on Cirrus and Piper aircraft - replace spring and stop sleeve. Pu HC-SB-61-281 Inspect new hubs and hubs overhauled by Hartzell Service Center for improper anodize coverage. HC-SB-61-269 rev 6 HC-()2Y(K,R)-() - Eddy current inspection each 100 hours or replace hub with 'B' suffix hub to eliminate inspection when installed on Lycoming () - 360 series engines. Optional terminating action to oil fill. HC-SB-61-266 rev 2 HC-()3YR-(1, 2)()/()7690J composite blades. Inspect blade and blade retention bearing. HC-SB-61-264 HC-C2Y(K,R)-4() - Inspection of propellers for plastic shim installed in retention bearings. A HC-SB-61-263 rev 2 Shot peen Y shank pitch change knob on Fletcher FU-24, TB-30 Epsilon, and Hindustan HPT-32 HC-ASB-61-259 rev 1 Hub Replacement - Aluminum hub part numbers D-6522-1, D-6522-2, D-6529-1, D-6552-2, and D-6559-3 with certain serial numbers. (ref AD 2003-01-03) HC-ASB-61-251 Inspection of Two-Bladed Propeller With Anti-Ice System Installed on Socata TB-20, TB-21 Aircraft (ref AD 2003-06-02). HC-SB-61-246 rev 1 Recurring 50 hour inspection of composite blades installed on an undampened or modified Lycoming (AE)IO-360 engine. HC-SB-61-238 rev 1 Three bladed, aluminum hub, "compact" series hub replacement Blade angle adjustment for propeller HC-C3YR-1RF F7590 installed on Piper PA24-260 HC-SB-61-236 Commanche 260, under STC =SA288CH. A HC-SB-61-234 rev I New life limit for propellers on Aviat Pixts S-2S and S-2B abscraft.

> Eddy current inspection of 2 blade compact hubs (#90- CY) - I seems properliers. Optional terminating action to cit fill. Replaces service bulletin 1642 a ref. AD 91-12-23 and 2006-23-08



SERVICE BULLETIN CHECK LIST

113B

HC - ()(2,3,4)Y() - (1,4)

Form # 113B - SB

Form Rev: 41

Form Rev Date: January 08, 2016

Page 2 of 2

Technicians initials = Compliance or Confirmed Compliance

N/A = Not Applicable

Work Order:

_HC-SB-61-218

Recall certain Q-tip blades.

_HC-SB-61-165E rev 2

3 Blade compact hub inspection for hubs installed on 540 series engines (grease fitting area).

HC-SB-61-136I

Additional blade overhaul and inspection procedures for single and double shoulder blade bores

118F rev 1 HC-SB-61-101D rev 2 Rework procedures for 'Y' shank aluminum blades bearing retention radius 8475 and 8477 blades are to be retired and replaced with 'F' knob blades

Failure of A-2217 Pitch change block, HC-C2YK-1/7666-2 installed on Mooney and HC-E2YL-2B/7663-4 installed on Piper PA-30. (Ref. AD 64-20-01)



SERVICE LETTER CHECK LIST

113B

HC-()(2,3,4)Y()-(1,4)

Form # 113B - SL Form Rev: 40

Form Rev Date: January 08, 2016

Page 1 of 1 44464

Technicians initials = Complianc	e or Confirmed Compliance	N/A = Not Applicable	Work Order:	Page 1 of 1 44464
Pu HC-SL-61-353	Do not use Aeroshell Grease 22	2 as an alternate to Aeroshell Great	se 5 in Hartzell Prop	ellers
Ru HC-SL-61-348	Hub Clamping Bolt Inspection			
N/AHC-SL-61-347		may be used in place of A-2433 h	nub clamping bolt.	
HHC-SL-61-342	-4 compact- new cylinder			
N/A HC-SL-61-340	()HC-()3Y()()-()-Impro	oved pitch change fork		
MAHC-SL-30-335	De-ice restrainer strap for spec			
Zu_HC-SL-61-332		e in N()7605()()() and N()7893(()() composite blad	es
N/A HC-SL-61-319		R-1BFP/F7497 and CAV Aerospace		
Pen HC-SL-61-301	New C3317-340-8 blade o-rin			10
		orrect TC number stamped on spec	cific serial number h	ubs.
₩ HC-SL-61-293 rev 1	Optional blade seal for "Y" sh			
/AHC-SL-61-290 rev 1	Introduction of two bladed sm	ooth forged hub	41	
Ru_HC-SL-61-278	Description and use of low sto	op and lock nut.		
HC-SL-61-273 rev 2	()HC-()(2,3)Y()-()()()() — bulletin.	Instructions for oil-filled modificat	ion when approved	by a service
Ru HC-SL-61-282 rev 1	E - shank & composite blade	with pre-load plate seal - pre-load p	plate wear limits	
	A2067 stud - change in manu	facturing of the stud.		
<u>lu</u> HC-SL-61-267	Use .010" teflon tape on blade	e shanks.		
HC-SL-61-265 rev. 2	3 blade smooth forged hub - u system to smooth forged hubs	use of special tool to torque hub bo	lts and installation o	f TKS anti-ice
N/A_HC-SL-61-255	Agricultural propellers - option	onal calendar extension up to 60 mo	onths TBO.requires	inspection.
<u>Pu</u> HC-SL-61-251 rev. 1	()HC-(G,I,J)3Y(F,R)-1() - in	stalled on Cirrus and Piper aircraft	r - replace spring and	d stop sleeve.
<u>Ru</u> HC-SL-61-250	A1272 inner bearing ring may	y or may not have oil hole. Both a	re okay and may be	intermixed.
<u>Pu</u> HC-SL-61-244	Introduction of self locking n B3359. B3359 can be used u	ut part number B3599 which super ntil stock is depleted.	sedes self locking n	ut part number
 HC-SL-61-243 HC-SL-61-242	()HC-()2Y()-() with F7496 "P" suffix on these propellers	-() or F8068(D) aluminum blades at overhaul.	must use "B" suffix	hub. Stamp
/AHC-SL-61-242	HC-C2YR-1BF with F7496-(these propellers at overhaul.	() aluminum blades must use "B" s	suffix hub. Stamp"	P" suffix on
HC-SL-61-217	Replacement of mounting ha	rdware at propeller overhaul		
<u> Cu</u> HC-SL-61-177	Ball bearings, new part numb	pers, usage.		
<u>Per</u> 69	Strengthened pitch change pa	arts in compact propeller series HC	C-()(2,3)Y(F,L,K,N)	- (1,2).
#C-SL-61-61Y rev 9	Overhaul periods and service	e life limits for propellers and gove	rnors.	

TSN TSO Hrs 1. Approving National Aviation Authority / Country FAA / UNITED STATES 4. Organization Name and Address Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 US FAA FR6R545N - EASA.145.4827 6. Item: 7. Description: 8. Part Number: 1 Hartzell Propeller PHC-J3YF-1N / N7605B 12. Remarks: Overhauled propeller, with new hub and two overhauled exchange bladd and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m Blade S/N: A0207 TSN: 1145.7 TSO: 0.0	ESS APPROVAL TAG	System Tracking Ref. No.	
4. Organization Name and Address Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 US FAA FR6R545N - EASA.145.4827 6. Item: 7. Description: 8. Part Number: 1 Hartzell Propeller PHC-J3YF-1N / N7605B 12. Remarks: Overhauled propeller, with new hub and two overhauled exchange blade and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m	SA		
Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 US FAA FR6R545N - EASA.145.4827 6. Item: 7. Description: 8. Part Number: 1 Hartzell Propeller PHC-J3YF-1N / N7605B 12. Remarks: Overhauled propeller, with new hub and two overhauled exchange blad and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m	SA	44464	
6. Item: 7. Description: 8. Part Number: 1 Hartzell Propeller PHC-J3YF-1N / N7605B 12. Remarks: Overhauled propeller, with new hub and two overhauled exchange bladd and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m			
1 Hartzell Propeller PHC-J3YF-1N / N7605B 12. Remarks: Overhauled propeller, with new hub and two overhauled exchange bladdend other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar managements.		44464	
12. Remarks: Overhauled propeller, with new hub and two overhauled exchange blads and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m		/ Batch Number: 11. Status / Work: P8848B Overhauled	
and other supporting documents. Complied with Service Letters thru HC AD's currently apply. Next Overhaul Due: 2400 hours, or 72 calendar m		-0040B Overnauleu	
Blade S/N: A0489 TSN: 2088.6 TSO: 0.0 Blade S/N: A6905 TSN: 480.0 TSO: 0.0 Hub TSN: 0.0 TSO: n/a A complete Description of work performed is on file at the above referenced organization blocks 3 and 5. Notloc: An Airworkiness Directive may apply to the article(s) description or work performed in the compliance with any applicable Airworkiness Directives. Certifies that the work specifies the compliance with any applicable Airworkiness Directives. Certifies that the work specifies the compliance with any applicable Airworkiness Directives.	nonths, whichever occurs file in the work order and sy the difference in the installer is resided in block 11/12 was carried.	stern tracking reference number indicated ponsible for ensuring complete tout in accordance with FAR Part-145	
and EASA Part-145 and in respect to that work the component is considered ready for 13s. Certifies the items identified above were manufactured in conformity to: 14a. 14a.	release to service under EASA 14 CFR 43.9 Return to Service	Approval Number: EASA.145.4827" Other regulation specified in Block 12 12, the work identified in Block 11 and described in	
Non-approved design data specified in Block 12. Block 1.	es that unless otherwise specified in Block 12 was accomplished in accordance with 1 ect to that work, the items are approved for	itle 14, Code of Federal Regulations, part 43 and	
	uthorized Signature:	14c. Approval / Certificate No.: FR6R545N	
13d. Name (Typed or Printed) 13e. Date (dd/mmm/yyyy) 14d Name (Typed or Printed)	Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):	
	Dave Hampel	21 Jul 2016	
User / Installer Respo It is important to understand that the existence of this document alone does not automatically constitute authority accordance with the national regulations of an Airvorthiness Authority different than the airvorthiness authority	to install the part / component / assembly	. Where the user / installer performs work in	
ainvorthiness authority accepts parts / components / assemblies from the ainvorthiness authority of the country of certification. In all cases, aircraft maintenance records must contain an installation certification issued in accord FAA Form 8130-3 (02-14)	specified in block 1. Statements in block 1	4 and 19 do not constitute installation	
	-		
		Â	
August 17 2016			
N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B Flight meter: 1145.7 Prop TSO: 0.0	Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516		
1. Installed propeller model PHC-J3YF-1N, S/N FP8848B following overhaul, See Rock	N: 1145.7 TSO: 0.0,	er Log entry dated Blade S/N A0489	
July 21 2016 referencing work order # 44464. TSO: 0.0, NOTE: blade S/N A0207 TSI TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance w	vitil FAR 45 append	lix D and Hartzell	
TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0.	cords. I certify this		
TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance w Manual 145. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft rec	cords. I certify this		
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TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance w Manual 145. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft recinspected in accordance with a 100hr inspection and determined to be in airworthy condit	cords. I certify this ption. ——END-——		
TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance w Manual 145. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft recinspected in accordance with a 100hr inspection and determined to be in airworthy condit inspected in accordance with a 100hr inspection and determined to be in airworthy condit inspected in accordance with a 100hr inspection and determined to be in airworthy condit inspected in accordance with a 100hr inspection and determined to be in airworthy condit inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspected in accordance with a 100hr inspection and determined to be in airworthy conditional inspection an	cords. I certify this pition. ——END—— Terrill Shafer AP2860279IA Erie Municipal Airport 395 Airport Drive		
TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance w Manual 145. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft recinspected in accordance with a 100hr inspection and determined to be in airworthy condit october 1 2017 N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B	Terrill Shafer AP2860279IA Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516 R 43 appendix D an	d Hartzell Manual	
TSN: 2088.6, TSO: 0.0, Blade S/N A6905 TSN: 480.0, TSO: 0.0, hub TSN: 0.0. 2. Performed a 100hr inspection of propeller for annual of N420SE in accordance with Manual 145. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft recipinspected in accordance with a 100hr inspection and determined to be in airworthy conditionally accordance with a 100hr inspection and determined to be in airworthy conditionally accordance with a 100hr inspection & Repair Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAF 145. Visual inspection blades, but and spinner o.k. A list of AD's machine for the formal property of the formal p	Terrill Shafer AP2860279IA Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516 R 43 appendix D an	d Hartzell Manual	
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Magose SN 2238 Historia PHC-JSYP-1-N SN: FP8848B Fight meter 1238 Prop TSO: 94.1 Jean and a checklet as a guide. Visual inspection blades, hit has a given or A. a fail of ADs may be found in aircraft records. I certify this propeller has been inspected in accordance with a 100m inspection and determined to be in airworthy condition. December 1 2018 Magose SN 2238 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 1244 Prop TSO: 104 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 104 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 104 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 104 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TSO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83 Hatzo PID-L-SYP-1-N SN: FP8848B Filight meter: 12404 Prop TsO: 106 83		December 1 2018
Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. December 1 2018 N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B Flight meter: 1240.4 Prop TSO: 106.83 + 13.13 Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. Erie Municipal Airport and the farm of the fa	Data	N420SE S/N 2293
Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual 145 and a checklist as a guide. Visual inspection blades, hub and spinner o.k. A list of AD's may be found in aircraft records. I certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. ——END—— December 1 2018 N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B Flight meter: 1240.4 Prop TSO: 106.83 ——+ 19.13 Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. Paul D Randall Paul D Randall	Date	Flight meter: 1239.8 Prop TSO: 94.1
December 1 2018 N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B Flight meter: 1240,4 Prop TSO: 106.83 Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. Paul D Randall		Performed a 100hr inspection of propoller for
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December 1 2018 N420SE S/N 2293 Hartzell PHC-J3YF-1N S/N: FP8848B Flight meter: 1240.4 Prop TSO: 106.83 Performed a 100hr inspection of propeller for annual of N420SE in accordance with FAR 43 appendix D and Hartzell Manual certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. Paul D Randall		END
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Certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. Paul D Randall		Performed a 100hr inspection of many transfer
Paul D Randall		certify this propeller has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition.
Paul D Randall AP30813411A		Carlo Delall
AP3081341IA		Paul D Randall
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HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL MICTINE THE THIN 760513

PROPELLER S/N FP 5297R

LOGBOOK #_____

THIS SERVICE RECORD shall accompany the propeller equipment at all times. When equipment is installed as part of an Aircraft or engine, this record shall be maintained concurrently with and become a part of the Aircraft and Engine Service Records.

PROPELLER MAINTENANCE RECORD

Position	PITCH RANGE
Propeller Model PHOTSYF-IN/N 7605 B	High/Feather
Propeller S/N FP52973	Start Lock
Blade DesignN7605B	Low
Blade S/N's	Reverse
No. 1 40178	
No. 2 A 0180	Aircraft Manufacturer Come Design
No. 3 A 0192	Aircraft Model <u> </u>
No. 4	S/N <u>2293</u>
No. 5	Registration <u>N4ZOSE</u>
No. 6	
Spinner Assembly Part No	

Date	Propeller A/C Hrs			Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
12-12-et	0.8		0.8	I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 115N Rev. 13 dated Aug./06 Section: 61-00-15 on /2-72-06 (DATE). The location of the Weight(s) are
	Appendi condition Lubricat grease. I and prote dome po checks s	Fleming Hed the follow D. Spinnen Blades V e in accorda De-lee Syste et with Shilish. Opera atisfactory.	artzell PI wing mainte or Remove. of isual Inspect ance with Ha em Propeller inemaster. C tional/Funct I CERTIF	Avtech rport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net Propeller Entry N420SE: HC-J3YF-1N1N S/N FP5297B Date: 1/11/08 Flight Hobbs: 520 nance/ repairs: Performed Annual inspection utilizing Cirrus Maintenance Manuals and as per FAR 43.9 clean and perform Visual Inspection for cracks and corrosion. Spinner Backing Plate Visual Inspection for tion for nicks, bends, cracks, gouges, erosion, lightning strikes, and condition of tips. Propeller Assembly artzell Propeller Owner's Manual and Log Book. Visual Inspection for cracks, corrosion, leaking oil or Visual Inspection for condition and security, position feed tubes to proper orientation. De-ice boots clean hecked and complied with Airworthy Directives to date, see compliance report in aircraft records. Spinner ional Check Perform an airplane run-up in accordance with Operational/Functional Check Section 5-30, All YTHIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL TERMINED TO BE IN AIRWORTHY CONDITION. 4000878351.4
			-	

Date	Propeller TSN TS0	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
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\$400 \$4000 (\$4000 \$500)	ing National Aviation 2.						3. Form Tracking Number:				
Aut	hority/Country:										
FAA	A/United States	30693									
4 Organiz	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: 5. Work Order/Contract/Invoice										
Number											
·											
6. Item:	7. Description:	ber: 12. Status/Work:									
1	Propeller	FP5297B	Repair								
13. Remar	ks: RETURN TO SERVIC	Ē									
Repair	using Hartzell manual 113	B Revision 39 dated Septen	nber/2010. Refe	r to work ord	der listed in blo	ck 5 for details					
				1							
		÷ .									
100 110		7 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1							
14. Certifie	es the items identified above we	re manufactured in conformity to):	19. 🛛 14	CFR 43.9 Return	to Service 🔲 Otl	her regulation specified in Block 13				
	Approved design data and are in	a condition for safe operation.					13, the work identified in Block				
	Non-approved design data spec	ified in Block 13.					d in accordance with Title 14, pect to that work, the items are				
					ed for return to so						
15. Author	rized Signature:	16. Approval/A	uthorization No.:	20. Authoriz	ed Signature: 🖊	1	21. Approval/Certificate No.:				
A 20 TE TEL				12	~ ///	11	W59R659N				
				14	8900 VV	Elen-					
17. Name ((Typed or Printed):	18. Date (m/d/y	75:	22. Name (Typed or Printed):			23. Date (m/d/y):				
				Brooke	J. Warner		Jun 14, 2011				
$\overline{}$			Llass/Installas D								
			User/Installer R	esponsibilitie	25						
							he part/component/assembly.				
							iness authority of the country				
	n Block 1, it is essential that th y specified in Block 1.	ne user/installer ensures that hi	is/ner airworthine	ss authority ac	cepts parts/comp	onents/assemblies from	the airworthiness authority of				
		attended to the Heat	to all access to a				at t tall to tall to				
	s in Blocks 14 and 19 do not con gulations by the user/installer be		in all cases, aircraft	maintenance r	ecords must conta	in an installation certifica	tion issued in accordance with the				
	J			ii ii							

WARNER PROPELLER & GOVERNOR CO.

5102 S. Country Club Rd., Tucson, Az. 85706 FAA CRS # W59R659N

WORK ORDER

7983

CUSTOMER INFORMATION	
BILLING Name Cutter Aviation Address 2802 E. Old Tower Rd. City/\$tate/Zip Phoenix, AZ 85034 Contact person Date Recieved Cutter Aviation Brad 6/1/11	City/State/Zip Phoenix, AZ 85027 Phone
AIRCRAFT INFORMATION A/C model Cirrus SR-22 A/C Serial 2293 N# 4205E COMPONENT INFORMATION	Engine M/N 10-550-N Engine \$/N
Serial # FP5297B Part # N/A	ne above components
MAINTENANCE INFORMATION	
of composite filler. Blades returned to Hartzell on request of Rolf Dicker Additional work required Replace blades with overhauled set, inst Parts installed 1ea J3YF-1NRSK, 3ea C2131-9, 3ea N7605B,	roduct Support. Disassemble, clean, replace blades with
Number 3069 Attatchments to this work order mm20, list, 8130-3 R031651, 8130	Date issued

Approving National Aviation	2.							3. Form Track	ing Number:
Authority/Country:		UTHORIZ	ED REL	EASE	CERT	IFICAT	E	40	MJ43320
FAA/UNITED STATES	3	FAA Form 8	8130-3, AIRW	ORTHINES	S APPROVAL	_ TAG			1
4. Organization Name and Address: Hartzell Service Center 5465	N. St. Rt. 185 Pic	ua, Ohio 45356			44			5. Work Order	/Contract/Invoice Number: R023507
6. Item: 7. Description:	8. Part N	umber:	9. Eligibili	y:*	0. Quantity:	11. Ser	ial/Batch	Number:	12. Status/Work:
1 AIRCRAFT PROPELLER	PHC-J3YF-1N /N	77605B	N/A		1		FP52	97B	"REPAIRED"
13. Remarks: Repaired face side of all three blade 11-R29). Reference Form # 25 for se	erial numbers and ti	mes. Pertinent detail:	s of the repair as	re on file at the	nis agency und	er Work Ord	er R023.	507	
14. Certifies the items identified abov	e were manufacture	ed in conformity to:	1	9. 🛭 14 0	FR 43.9 Returi	n to Service	[☐ Other re	gulation specified in Block 13
☐ Approved design data and are ☐ Non-approved design data sp		fe operation.		and des	cribed in Block Regulations, pa	13 was accor	mplished	d in accordan	ork identified in Block 12 ce with Title 14, Code of the items are approved for
15, Authorized Signature		16. Approval/Auth	orization No.: 2	O. Authorized	Signature:	. ^			21. Approval/Certificate No.:
N/A		N/A		liba	a y HA	enlay	1		SJ3R843L
17. Name (Typed or Printed):		18. Date (m/d/y):	/2	2. Name (Type	d or Printed):	Rep	airman C	ert. No.	23. Date (m/d/y):
N/A		N/A			Pittsenbarg	jer /	2424	395	Jul 3, 2007
	(4)		er/Installer R						
It is important to understand that the exist	tence of this documer	it alone does not autom	atically constitute	authority to i	nstall the part/co	mponent/assen	nbly.		
Where the user/installer performs work is Block 1, it is essential that the user/instal Block 1.	n accordance with the ler ensures that his/he	national regulations of r airworthiness accepts	an airworthiness parts/components	authority diffe s/assemblies fi	rent than the air om the airworth	worthiness aut iness authority	hority of of the co	the country spountry specifie	ecified in d in
Statements in Blocks 14 and 19 do not conational regulations by the user/insta	ller before the aircra	aft may be flown.					lification	issued in acco	
FAA Form 8130-3 (6-01)	*In	staller must cross-ch	eck eligibility w	ith applicabl	e technical dat	a.			NSN: 0052-00-012-9005

HARTZELL SERVICE CENTER COMPONENT SERIAL NUMBER AND TIME RECORD

FAA Form 8130	0-3 Tracking Number:	R023507			Date:	July 3, 2007
Model	PHC-J3YF-1N / N7605B	Item No.	J3F20500AFM	Customer:	CORPORATE FLIGH	IT MANAGEMENT

Part	Serial Number	TSN	TSO	CSN	CSO	W/O#
Propeller Assembly	FP5297B	316.5	N/A			MJ43320
Hub	A84025B	316.5	N/A			R023507
Blade	A0178	316.5	N/A			R023507
Blade	A0180	316.5	N/A			R023507
Blade	A0192	316.5	N/A			R023507
Blade						
Blade						
Blade			N. C.			
Clamp						
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Clamp			1			
PC Bracket						
PC Bracket			(
PC Bracket			\			
PC Bracket						
PC Bracket						
PC Bracket						
Beta Ring						
Slip Ring						
Bulkhead						
Fork						
Pitch Change Rod						
Cylinder						
Hydraulic Unit						
Cylinder Clamp						
Piston						

HARTZELL SERVICE CENTER

WO#	R023507 Router#	MJ43320	Date	July 3, 2007	
Item No.	J3F20500AFM	Model	PHC-J3YF-1N	I / N7605B	
Customer .	CORPORATE FLIGHT MANAGEME	NT	Warehouse:	4	
Ref:			Propeller Assembly _	FP5297B	
	nstructions: side of blades.				

Part	Serial Number	Work Order Number
Hub	A84025B	R023507
Blade	A0178	R023507
Blade	A0180	R023507
Blade	A0192	R023507
Blade		
Blade		
Blade		
Clamp	•	
Clamp		
Caro	TAXIVI A CONTROL OF	
PC Bracket		
PC Bracket /		
PC Bracket		
Beta Ring		
Slip Ring		
Bulkhead		
Pitch Change Fork		
Pitch Change Rod		
Cylinder		
Hydraulic Unit		
Cylinder Clamp		
Piston		

Form 023

ROSEN P/N: R1740100

Description: CIRRUS MOUNTING ASSEMBLY

Model: CIRRUS SR22

STC No: SA01285SE

Insp:

FAA-PMA (PQ2393NM)



Date: <u>SEP 2 4 2008</u>

SERIAL No: V023427

Cirrus Aircraft

HOSE ASSIY



	ng National Aviation		2.			1		-Marie Control - Marie Control	3. Form Track	ing Number:	
1000	ority/Country:		AUTHORI	ZED	RELEAS	SE CERT	IFIC	ATE		MN08330	
	AA/UNITED STATES	3	FAA Forn	n 8130-3, <i>i</i>	AIRWORTHIN	IESS APPROVAI	_ TAG			1011 100000	
	ation Name and Address: ell Service Center 5465 \	V. St. Rt. 185	Piqua, Ohio 45356						5. Work Order	/Contract/Invoice Numbe R026958	er:
6. Item:	7. Description:	8.	Part Number:	9.	Eligibility:*	10. Quantity:	11.	Serial/Batch	Number:	12. Status/Wor	rk:
1	AIRCRAFT PROPELLER	PHC-J3YF-1	N /N7605B		N/A	1	-	FP52	97B	"REPAIRE	ΞD"
113B-R3: Bulletin I Instructio specified	and assembled propeller. In 3, 135F-R14, 159-R8, 180-HC-SB-61-296-R1 and Sern 152A. Reference Form # in Block 12/13 was carried Number: EASA.145.4516.	R3, 183, 202A vice Letters H 25 for serial out in accorda	A (Vol. 1-R33, Vol. 2-R C-SL-61-61Y-R1, 154, numbers and times. Pe ance with EASA Part-14	28, Vol. 3- HC-SL-61 ertinent deta 5 and in re	-R29, Vol. 6-R -229, HC-SL-6 ails of the repa spect to that we	29, Vol. 7-R31, Vol. 1-241-R1, HC-SL ir are on file at this ork the component	ol. 8-R28 -30-259-l s agency is consid	, Vol. 9-R2 R10, HC-SI under Wor ered ready I	9, Vol. 10-R3 30-260-R11 k Order R02 for release to s	30, Vol. 11-R29) and HC-SL-30-261 and 6958. Certifies that the service under EASA F	Service Service he work
□ Ar	es the items identified above pproved design data and are on approved design data sp	in condition fo	or safe operation.		Cert and Fede	described in Block	erwise sp 13 was ad	ecified in bl	ock 13, the wo	ulation specified in Block ork identified in Block ee with Title 14, Code one items are approved	12 of
15. Authori	zed Signature N/A		16. Approval/Aut		20. Authoriz	red Signature:			11	21. Approval/Certific	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		Repairman C	ert No	23. Date (m/d/y):	
	N/A		N/A			Baker		2582389	011.110.	Aug 22, 200)8
			Us	ser/Instal	ler Respons	ibilities					
It is import	ant to understand that the exist	ence of this doc	ument alone does not autor	matically con	nstitute authority	to install the part/cor	nponent/as	ssembly.			
Block 1, it Block 1.	user/installer performs work in is essential that the user/install in Blocks 14 and 19 do not con egulations by the user/install	er ensures that h	is/her airworthiness accept on certification. In all case	ts parts/comp	oonents/assembli	es from the airworthi	ness autho	rity of the co	untry specified	in	
	n 8130-3 (6-01)		*Installer must cross-c	heck eligibi	lity with applic	able technical data		SAN STATE OF THE SAN ST	1	NSN: 0052-00-012-90	005

HARTZELL SERVICE CENTER COMPONENT SERIAL NUMBER AND TIME RECORD

FAA Form 81	30-3 Tracking Number:	R026958			Date:August 22, 2008
Model	PHC-J3YF-1N/N7605B	Item No	J3F20500AFM	Customer:	Corporate Flight

Part	Serial Number	TSN	TSO	CSN	CSO	W/O#
Propeller Assembly	FP5297B	749.6	N/A			R026958
Hub	A84025B	749.6	N/A			R026958
Blade	A2532	0.0	N/A			New
Blade	A2538	0.0	N/A			New
Blade	A2539	0.0	N/A			New
Blade		***************************************				1464
Blade						
Blade			i company			
Clamp						
Clamp						
Clamp			7			
Clamp						
Clamp					The second secon	-
Clamp						
PC Bracket						
PC Bracket						
PC Bracket						
PC Bracket						
PC Bracket						
PC Bracket						
Beta Ring						
Slip Ring						
Bulkhead	FJ-7022	749.6	N/A			R026958
Fork	NE8676	749.6	N/A	,		R026958
Pitch Change Rod						11020050
Cylinder	E25024	749.6	N/A			R026958
Hydraulic Unit						11020000
Cylinder Clamp				107		
Piston					the second control of	

COMPACT PROPELLER

Overhaul	Repair / New						Experimental		
			<u>Ins</u>	spection					
Prop S/N FP 52	97B	Model	PHC-J3	YF-IN		W.O. No.	R026	1958	
			<u>Seria</u>	lized Parts	S	***************************************			
Builder	11-1 11-				Insp	ector			
Hub Part No. E-7		1	S/N FJ- 702	12	Cwt.	Pa	rt No.	Serial No.	
Hub S/N. <u>A8402</u>	AND THE PERSON NAMED OF TH	Slip/Sling	er Ring S/N		Blade	N760-	SB	#1 <u>A2532</u> #2 <u>A2538</u>	
Fork Ser. No. NE 8	3676	'	J					#3 <i>A2539</i>	
Piston Ser. No	/A	Cylinder S	S/N <u>E25024</u>	S.				#4	
			E	Builder					
IDS#									
Check for Leaks Assembled By:	7-		Ch	eck Feath	er Angle	(Record A		K/A	
Assembled by	17/1)	M					Date:	8-22-08	
C	00		<u>Ins</u>	pection					
Blade Angles Checke	d at 30" Rac	lius	Low Pitch (Wi	thin .2 Deg	1.) 12.	y	High Pitc	h_ <i>33.5</i>	
Friction	Friction Function Test "0"-"175"psi						Reverse	Pitch 4/4	
Track/Length (Alumin	um .125" ma	x)(Compo	site .250" max.)	Т	OK	L OK			
Verified By:						•		: 8-22.08	
7.184	No.		В	alance			Date	e. 0 22 - 08	
Balance Weight	Lead	#1	#2			#3 /5 /	A	#4	
Quantity and Type	Trail	#1	#2	li .		#3		#4	
	Front (As	ssy. S/N)				Back			
Balanced By:			Aeroshell	6			Lubricate	d By:	
-	15.50		Final	Inspection	1			-	
		Mou	nting Hardware			hecks	(
<u>"F" Flange O</u>	nly			ange Only			1	'N" Flange Only	
(6) A-1381 Washers			(4)B-6489-25 I	Bolts _			(8)A-3257		
(6) A-2044 Lock Nuts			(4)B-6526-7 W	ashers _			100	3-2 Washers	
(6) A-2429-3,4,5,7 Studs			(2) A-2247-1 S	Stud			(8) A-325		
Torqued 25 ft.lbs.			(2) A-2498 Nut	t			Torqued 3		
Mtg Stud Protrusion			(2) A-2482 Wa	ısher _				Protrusion	
Dowel Pin Protrusion								n Protrusion	
							C-3317-2	30 O-Ring	
"D" Flange O	nly		<u>"K,R" F</u>	Flange Only	У				
(8) A-2044 Nuts			(6) A-2067 Stu	d					
(8) A-7752 Spacer	design like the property of the		(6) A-1381 Wa				Spi	nner Mounting Kit	
(2) A-7750 & (6) A-7749			(6) A-2069 Nut	3.00.000.00				4-2476- <u>7</u>	
Studs, Torque 25 ft lb	-		(6) B-3842-075	50 Pin			De-ice S	System Check	
Mtg Stud Protrusion									
Air Chamber Charged	101	Safeties		Torqu	e Sheet	V	Ohms Rea	ding <100K	
Inspected By: ///a	& Boke						Date: P	-22-08	
Form 19							Form Rev	rision: 7 1/26/08	

HARTZELL SERVICE CENTER

WO#	R026958	Router#	R0269	958	Date_	August 22, 2008
Item No.	J3F20500AFM		180	Model	PHC-J3YF-1	N/N7605B
Customer _	Corporate	e Flight			Warehouse:_	4
Ref:					Propeller Assembly _	FP5297B
Assembly Ir Assemble c	nstructions: ustomer property repair	ed propeller v	vith new b	ades		

Part	Serial Number	Work Order Number
Hub	A84025B	R026958
Blade	A2532	New
Blade	A2538	New
Blade	A2539	New
Blade		
Blade		
Blade		
Clamp		
PC Bracket		
Beta Ring		
Slip Ring		
Bulkhead	FJ-7022	R026958
Pitch Change Fork	NE8676	R026958
Pitch Change Rod		
Cylinder	E25024	R026958
Hydraulic Unit		
Cylinder Clamp		
Piston		

Form 023