Manual No.:145	Revision No.:	17	
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Hartzell Propeller Inc. Product Registration

Company Name:	
Name:	
Address:	
Address:	
City:	State:
Postal Code:	Country:
Telephone:	Fax:
E-mail Address:	
Propeller Assembly Model No:	
Propeller Serial No.:	
Blade Serial No.'s:	
//	
Aircraft Model:	
Registration No.:	
Date Propeller/Aircraft Placed in Service	
Is this a Top Prop conversion? Y	
(Please type or print	clearly)

Please register your product with Hartzell Propeller Inc.

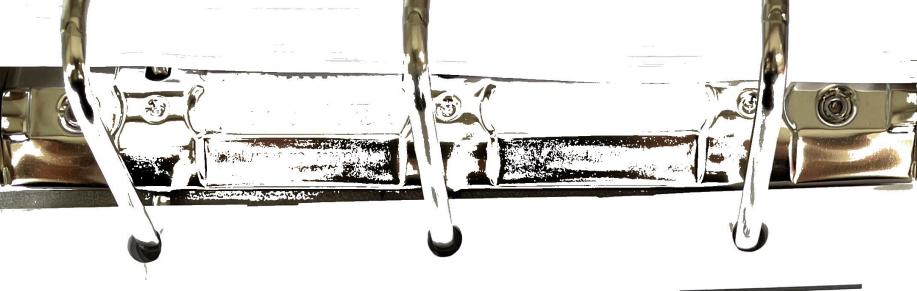
to ensure efficient warranty claim consideration and processing.

You may register by returning this completed product registration card
by mail or fax at: 937.778.4391

NOTE:

As of January 1, 2009, Hartzell Propeller Inc. no longer offers continuing revision service in paper format for our Owners manuals.

All Hartzell Propeller Inc. Owners Manuals are now available in electronic format free of charge on our website at www.hartzellprop.com Please visit the Hartzell Propeller Inc. website to veiw and download the most current version of the Owners Manual.



HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3Y1F-1N

PROPELLER S/N NJ 1605B

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 ONE	PITCH RANGE
Propeller Model PHC-33Y1F - 1N	High/Feather
Propeller S/N NJ1605B	Start Lock
Blade Design <u>N7605CB</u>	Low
Blade S/N's No. 1 <u>Β68</u> ε9	Reverse
No. 2 <u>B6848</u>	Aircraft Manufacturer Circus Design Corp
No. 3 <u>B6825</u>	Aircraft Model SR22T
No. 4	S/N 1622
No. 5	Registration N220VF
No. 6	
Spinner Assembly Part No	

Date Propeller A/C TSN TSO Hrs	Description of a Service Docume	ll operations pertaining to Ain nts, Overhaul, Major or Minor	worthiness Directives, Repair, and Inspections.
10-9-17 0.0 N/A 0.0	Propeller Owner's Ma Section: 61-00-45 on	(Sign/	ay/17 DATE)degree Stamp)
Performed a 100 Hour Inst SR22/22T AMM P/N 1377 -All applicable AD's compl I certify that this Propeller (was determined to be in an I have reviewed the file on this altraft at requirements of the Federal Aviation Ad Authorized Signature:	WELLS AIRCRAFT, INC. 800 AIRPORT ROAD MUNICIPAL AIRPORT HUTCHINSON, KS 67501-1953 CRS NT2R043L (620)663-1546 www.wellsac.com bection in accordance with FAR 91. 3-002 Rev. 1, Chapter 5. lied with at this time. Hartzell PHC-J3Y1F-IN, S/N NJ16 Airworthy Condition. In the accorpanying forms. The aircraft, airframe, a impistration and is approyed for return to service. Per	Date: 11-07-2018 Work Order: S8763 N220VF S/N 22T-1622 Hobbs Meter: 328.0 Flight Meter: 287.2 TTAF: 287.2 TTP: 287.2 409 and the requirements outlined in I	PROPELLER LOG Prop. S/N: NJ1605B CIRRUS AIRCRAFT FAR 43 App. D; with ref. to Cirrus e with a 100 Hour Inspection and aired/inspected in accordance with current
Performed a 100 Hour Inspection the CDC SR22/22T AMM P/N Inspection the CDC SR22/22T AMM P/N Inspection that I applicable AD's complied with the CDC SR22/22T AMM P/N Inspection that I applicable AD's complied with the I applied with the I applied AD's complied with the I applied AD's complete AD's complied with the I applied with the I applied AD's com	AIRPORT ROAD AIRPORT ROAD IICIPAL AIRPORT CHINSON, KS 67501-1953 NT2R043L 663-1546 IICIPAL in in accordance with FAR 91.409 at 13773-002 Rev. 2, Sec. 5-20. with at this time. tell PHC-J3Y1F-1N, S/N NJ1605B) orthy Condition. accompanying forms. The aircraft, airframe, aircraft eiting and is approved for return to service. Perfinent of the service in the service of th	fork Order: \$9012 220VF S/N 22T-1622 220VF S	a 100 Hour Inspection and
Performed a 100 Hour Inspection the CDC SR22/22T AMM P/N 13 -All applicable AD's complied will certify that this Propeller (Hartze was determined to be in an Airwo I have reviewed the file on this arroan and the accrequirements of the Federal Aviation Adaptive and the second	LIRPORT ROAD WICIPAL AIRPORT CHINSON, KS 67501-1953 HG63-1546 Wellsac.com In accordance with FAR 91.409 at 3773-002 Rev. 3, Sec. 5-20. ith at this time.	ate: 11-04-2020 Fork Order: S9205 220VF S/N 22T-1622 obbs Meter: 706.9 ight Meter: 618.2 FAF: 618.2 TOTAL THE TOTAL	h a <u>100 Hour Inspection</u> and

Date	Performe to the CD -All appli I certify the and was described to the color of the c	cable AD's con nat this Propelle etermined to be	.MM P/N 13773-002 Rev. 3, Seconplied with at this time. er (Hartzell PHC-J3Y1F-1N, S/N e in an Airworthy Condition.	Hobbs Meter: 871.5 TTAF: 758.8 TTP: 758.8 TTP: 758.8 FAR 91.409 and the requirements outlined in FAR 43 App. D; with reference etc. 5-20. Removed FOD from slinger ring for leaking TKS. N NJ1605B) has been inspected in accordance with a 100 Hour Inspection addrawn, aircraft engne, propeller, or appliance identified was repaired / inspected in accordance with current errice. Pertinent details of the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.	
		_			
		_			
		-			
CA.	_				
	Pr BI	ade M/N: N		Model: SR22T Serial: 1622 Prop S/N: NJ1605B	
	Pr BI Pr	opeller M/	N: PHC-J3Y1F-1N N7605B 37.1		
	Pr BI Pr A0 Evaluate of long and	opeller M/l ade M/N: N op TSN: 83 CTT: 837.1 ne blade to 125 inches	N: PHC-J3Y1F-1N N7605B 37.1 I o have trail edge damag deep at approximately t ing per Hartzell manual	Prop S/N: NJ1605B	
	Evaluate of long and of blade. Reprev 61 and	opeller M/lade M/N: Nop TSN: 83 C TT: 837.1 ne blade to 125 inches paired on w v7 rev 53.	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately tring per Hartzell manuals d maintenance was per	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1	
	Evaluate of long and of blade. Reprev 61 and The above current Fe	opeller M/lade M/N: Nop TSN: 83 C TT: 837.1 ne blade to 125 inches paired on w v7 rev 53. e-describe ederal Avia	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately tring per Hartzell manuals d maintenance was per	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1 erformed in accordance with I is approved for return to service.	
	Evaluate of long and of blade. Reprev 61 and the above current February 10 and	opeller M/lade M/N: Nop TSN: 83 C TT: 837.1 ne blade to 125 inches paired on w v7 rev 53. e-describe ederal Avia	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately trail manual deep at approximately traing per Hartzell manual definite and training and training per lations and training per lations and training per lational Propel	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1 erformed in accordance with I is approved for return to service.	
	Evaluate of long and of blade. Reprev 61 and the above current February 10 and	opeller M/lade M/N: Nop TSN: 83 C TT: 837.1 ne blade to 125 inches paired on wow 7 rev 53. e-describe ederal Avia be found if	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately trail manual deep at approximately traing per Hartzell manual definite and training and training per lations and training per lations and training per lational Propel	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1 Performed in accordance with It is approved for return to service. Iller Service LLC.	
	Evaluate of long and blade. Reprev 61 and The above current Federalls to Work Order Signed For Internal	opeller M/lade M/N: Nop TSN: 83 C TT: 837.1 ne blade to 125 inches paired on work v7 rev 53. e-describe ederal Avia be found if the f	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately tring per Hartzell manuals of maintenance was perfection Regulations and in International Propel manuals of the perfect of the	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1 erformed in accordance with I is approved for return to service. Iller Service LLC. Dated: September 14, 2022 Scott Lau	
	Evaluate of long and of blade. Reprev 61 and the above current February For Work Order Signed For Internated 4630 Harti	opeller M/l ade M/N: N op TSN: 83 C TT: 837.1 ne blade to 125 inches paired on w v7 rev 53. e-describe der # IPS188 ational Pro ey #3 Linc	N: PHC-J3Y1F-1N N7605B 37.1 I have trail edge damag deep at approximately tring per Hartzell manuals distributed maintenance was perfection Regulations and in International Propel	Prop S/N: NJ1605B Prop TSO: NA ge. Found damage on blade to be approximate .125 inches the 29 inch station. Repair as needed. Touched up paint on Is 113B rev 50, 135F rev 43, 145 rev 21, 170 rev 18, 202A v1 erformed in accordance with I is approved for return to service. Iller Service LLC. Dated: September 14, 2022 Scott Lau	

Date	Prop	eller	A/C	Se	Description ervice Doc	of all op uments	erations pe Overhaul	ertainir Maior (g to Airwo or Minor R	orthiness Di enair and I	rectives, nspections	
	604	22	33634		Rose Avist	ion Fliab	t Maintena	nce		DATE	09/15/2022	
	SO#		33631 20VF	-			Airport [LA			ACTT	837.1	
	REG.		rtzell	MODEL	PHC-J3Y1		PTT:		837.1	FLIGHT	837.1	
	III/AIXE	110		SERIAL NO.	NJ1605		PTSOH:		N/A	HOBBS	962.4	
	1. Per MO and	formed 1 47/80, # reinstall defects n	1 72, #2 ed spark oted at th	12 month ins 68, #3 72, #4 plugs. Draine his time. Insta	73, #5 78, # ed oil and re lled new filte	#6 60. Removed o	emoved, cle il filter. Cut A48108-2 ar	aned, i open fi nd adde	nspected, g Iter to inspe ed 7 quarts	gapped, testo ect for conta of Phillips X	ed, rotated, minants with //C 20w50	
	oil. Mar	Ran eng	ine to cho pter 5-20	eck for leaks a . Next due at .12 month pro	and function 937.1 hours	with no stotal time	defects note ne or Sep 20	ed. Re [.] 023.	ference Cir	rus SR22T N	Maintenance	
	12-2 3. Prop	20. Next beller tra	due at 93 iling edge	37.1 hours total damaged ble	al time or S	ep 2023.						
	4. Ran	aircraft	Sept 14, and perfo	2022. ormed Dynami tion required.	ic propeller	balance	with results	of .07	PS at 342	degrees with	n no weights	
	l ce	ertify this (air	craft) (engine)	(propeller) has been	en inspected in ac	ccordance wit			ction as per 14 (CFR part 91.409_	(a)(1) and was	
	Ro	ted <u>Septen</u> ss Aviation F coln, NE 685	light Mainten	W.O. <u>22-33631</u> ance CRS# LNKR12	Signed Benj	jamin Taylor	m	u		_		
				·								
										-		

HARTZELL PROPELLER INC.

One Propeller Place Piqua, Ohio 45356-2634 U.S.A.

Telephone: 937.778.4200

Telex: 4332032

Fax: 937.778.4391

HARTZELL PROPELLER INC Item Number: J3F90550

Work Order #: M953040

Date 9/30/2017

INSPECTIO

NJ1605B NA NA Blade 1: B6859 Blade 2: B6848 Blade 3		Bulkhead No NA	0.	Valve No	n. NA						
					Didde o Doore		Blade 4 Clamp 4 NA		Blade 5: Clamp 5:NA		
Reverse NA Ref Radiu	Start Lock NA s (inches) for	Low Pitch 12.2 rangles:	High Pitcl 35.0	NA NA	Position 3	Orient.	Qty:Al 0	St1	Scrw 1 0	A-2424-1 0	Washer 0
Comments Deice Kit											
Packing Certified B	cking Date:										

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

HARTZELL PROPELLER INC

Item Number: J3F90550

Date: 9/30/2017

INSPECTION

Work Order #: M953040

Model Number

Inspected By: Tim Jess

PHC-J3Y1F-1N/N7605CB

Ass'y Ser No. NJ1605B	Hydr Unit No.	Bulkhead N NA	No.	Valve N	lo. NA				
Blade 1:B6859 Clamp 1:NA	Blade 2: B6848 Clamp 2:NA	Blade 3: B Clamp 3: N		Blade 4: Clamp 4:NA		Blade 5: Clamp 5		Blade 6:	
Reverse Start Loc NA Start Loc	2 -	h Pitch Feather	Position	Orient.		St 1	Scrw	A-2424-1	Washer
Packing Certified By		Date							
Inspected By Tim	Jess		\neg						

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

HARTZELL PROPELLER INC

Item Number: J3F90550 INSPECTION

Date:

Date: 9/30/2017

Work Order #: M953040

Model Number

PHC-J3Y1F-1N/N7605CB

Ass'y Ser NJ1605		Hydr Unit	No.	Bulkhead No NA).		Valve N	o. NA				
Blade 1:E	36859	Blade 2: B6	8848	Blade 3:B6	825	Blad	de 4:		Blade 5:		Blade 6:	
Clamp 1.	NA	Clamp 2:N	A	Clamp 3:NA	٩	Cla	mp 4:NA		Clamp 5 NA			
Reverse NA	Start Lock NA	Low Pitch 12.2	High Pitch	NA Feather	Position	¥::-	Orient.	Qty:Al	St	Scrw	A-2424-1	Washe
Ref Radiu	s (inches) fo	r angles		-l	- ·		_	·		·	U	U

Comments Deice Kit: NA

Packing

Certified By: Inspected By: Tim Jess

> The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

HARTZELL PROPELLER I	N	?	LER	Ll	Εl	P	?	PF	LL	7F	TZ	R	A	H
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Item Number: J3F90550

Date: 9/30/2017

INSPECTION

Work Order #: M953040

Model Number PHC-J3Y1F-1N/N7605CB

	NJ1605B NA NA			Bulkhead N NA	0.	Valve N	o NA				
Blade 1: E		Blade 2 B6 Clamp 2 N	0.10	Blade 3: B6 Clamp 3: N		Blade 4: Clamp 4 NA		Blade 5 Clamp 5 NA		Blade 6	
Reverse	Start Lock	Low Pitch	High Pitch	Feather	Position	Orient.	Qty:Al	St	Scrw	A-2424-1	: Washer
NA	NA	12.2	35.0	NA	3	L	0	1	0	0	0
Ref Radiu	s (inches) fo	r angles:	30	-							
Comments Deice Kr											
Packing Certified B	By: 131		Dat 10-	e: 2-/7							
Inspected	By: Tim Je:	ss		- \	7						

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

HARTZELL PROPELLER INC

Item Number: J3F90550

Date: 9/30/2017

INSPECTION

Work Order #: M953040

Model Number

-J3Y1F-1N/N	7605CB									
Ass'y Ser No. Hydr Unit No. NJ1605B NA Blade 1. B6859 Blade 2. B6848 Clamp 1.NA Clamp 2.NA		Bulkhead N NA	0.	Valve N	o. NA					
		Blade 3 B6825 Clamp 3 NA		Blade 4:		Blade 5		Blade 6:		_
12.2	High Pitch 35.0				Qty:Al 0	St 1	Scrw 0	A-2424-1 0	Washer 0	=
			-							
		1700								
	Hydr Unit NA Blade 2. Be Clamp 2. N ck Low Pitch 12.2	NA Blade 2. B6848 Clamp 2. NA ck Low Pitch 12.2 35.0 for angles: 30	Hydr Unit No NA Bulkhead N NA Blade 2 B6848 Blade 3 B6 Clamp 2 NA Clamp 3 N Clamp 3 N Ck Low Pitch 12.2 35.0 For angles: 30	Hydr Unit No NA Bulkhead No NA Blade 2 B6848 Blade 3 B6825 Clamp 2 NA Clamp 3 NA Ck Low Pitch High Pitch Feather 12.2 35.0 NA Sort angles: 30 Date:	Hydr Unit No NA Bulkhead No NA Valve N NA Blade 2 B6848 Blade 3 B6825 Blade 4 Clamp 2 NA Clamp 3 NA Clamp 4 NA Ck Low Pitch High Pitch 12.2 35.0 NA Position Orient 3 L Date:	Hydr Unit No. NA Bulkhead No. NA NA Blade 2. B6848 Blade 3. B6825 Blade 4. Clamp 2. NA Clamp 3. NA Clamp 4. NA ck Low Pitch High Pitch Reather 12.2 35.0 NA Solution NA 3 L 0 Date:	Hydr Unit No NA Sulkhead No NA	Hydr Unit No NA Sulkhead No NA	Hydr Unit No	Hydr Unit No

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives. The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2)