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**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-534F-1RF

PROPELLER S/N FPZ006B

LOGBOOK # 2



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 \_\_\_\_\_

Propeller Model PHC-J34F-1RF

Propeller S/N FP2006B

Blade Design F7694

Blade S/N's

No. 1 J80816

No. 2 J80815

No. 3 J80818

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_

### PITCH RANGE

High/Feather \_\_\_\_\_

Start Lock \_\_\_\_\_

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer Cirrus Design

Aircraft Model SR22

S/N 0375

Registration N437C



[illegible]

PROP MODEL  
PHC-J3YF-1RF  
PROP S/N: FP2006B  
REG. NO. 437C  
WORK ORDER  
11519-07-2008

### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3101

DATE 7/23/2008  
A/C TSN: 1617  
PROP TT: 1617  
HOBBS: 1617

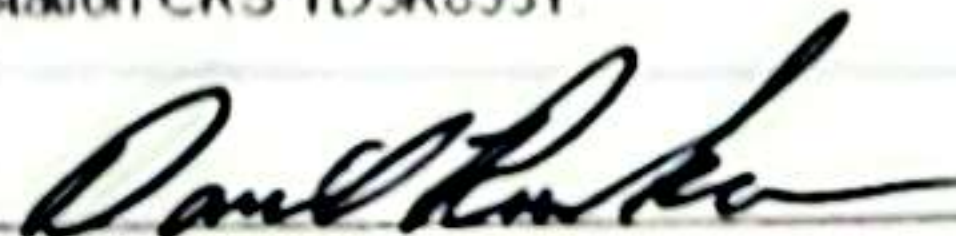
#### Prop Entries

(48) Removed and replaced prop boots (3) P/N 15320-101 IAW CDC AMM 30-60 (54) Balanced hartzell propeller S/N FP2006B IAW Hartzell maintenance manual 61-00-15 Page 6-1 and Microvib II prop balancer instructions. At 2065 RPM, added 20.4 grams at 320 degrees to maintain 048 IPS.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 7/23/2008

SIGNED:




Work Order: 11519-07-2008

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Dave Ruuskanen

Certified Repair Station No. YD5R855Y

PROP MODEL  
PHC-J3FY-1RF  
PROP S/N: FP2006B  
REG. NO. 437C  
WORK ORDER  
11827-08-2008



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3438

DATE 10/10/2008  
A/C TSN: 1623.8  
PROP TT: 1623.8  
HOBBS: 1623.8

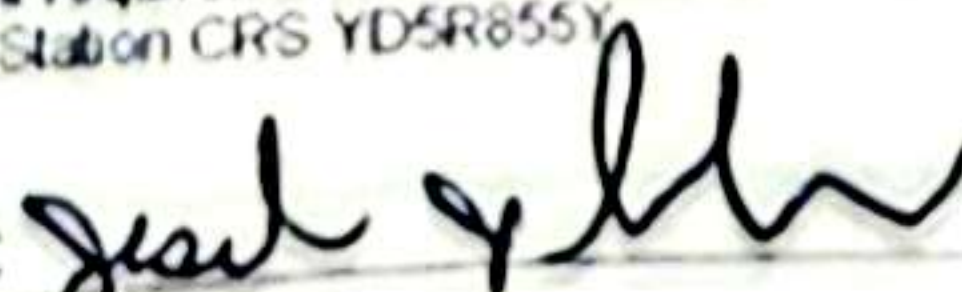
#### Prop Entries

(9) Hobbs meter 1621.3 - Performed propeller 100HR inspection IAW cirrus mm chapter 5-20 and 5-30 (12) Researched ADs through bi-weekly issue 2008-21 all ADs are in compliance at this time (21) Lubricated propeller hub IAW Hartzell Owners Manual section Maintenance Practices (22) Dressed out minor nicks and erosion from propeller blades IAW cirrus mm chapter 61-10 and Hartzell Owners manual section Maintenance Practices (23) Conditioned propeller boots IAW standard maintenance practices (30) THIS ACFT DOES NOT COMPOSITE PROP (106) I certify that this Propeller has been inspected in accordance with a 100 HR/Annual inspection and was determined to be in airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 10/10/2008

SIGNED:



Work Order: 11827-08-2008


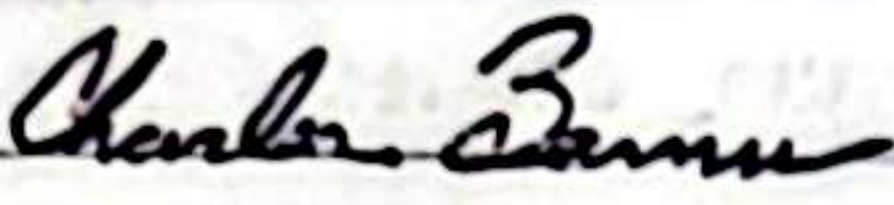
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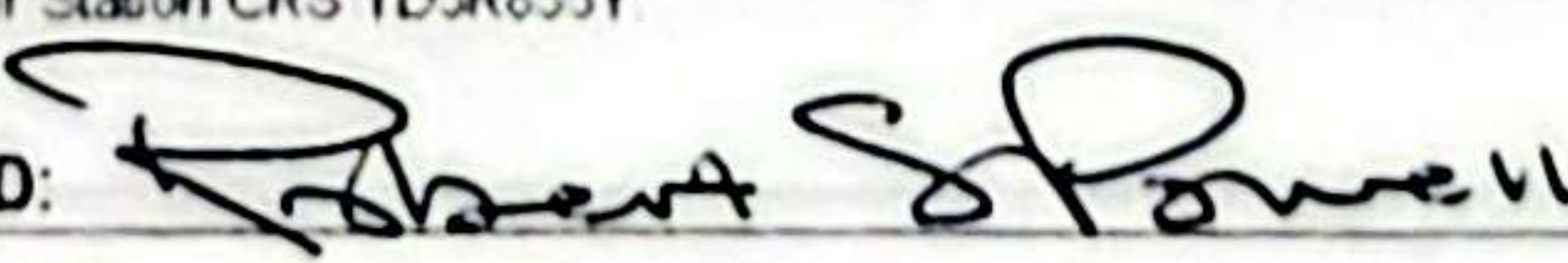
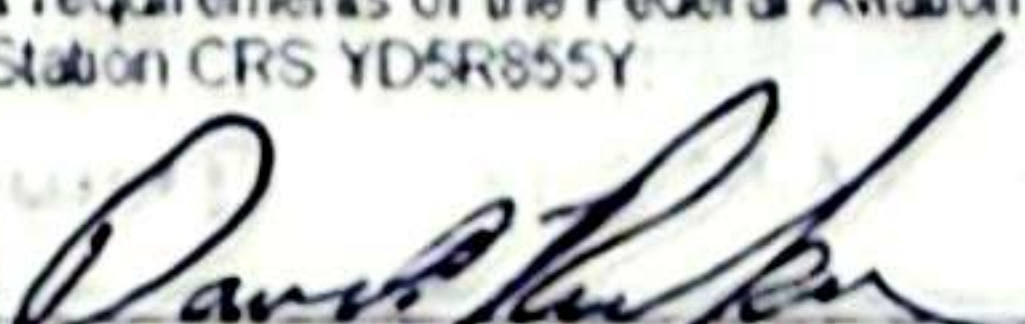
Joseph Sullivan

Certified Repair Station No. YD5R855Y


Page 1



Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	PROP MODEL PHC-J3FY-1RF PROP S/N: FP2006B REG NO: 437C WORK ORDER: 12189-10-2008	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3438	DATE: 10/20/2008 A/C TSN: 1635 5 PROP TT: 1635 5 HOBS: 1635 5
	<b>Prop Entries</b> (2) Removed Propeller P/N PHC-J3FY-1RF, S/N 2006B (Total time of 1635 5 hobbs on Propeller) from Cirrus SR22, S/N 0375 IAW CDC AMM 61-20 and 5-10 for overhaul at other agency  I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
	DATE: 10/20/2008	SIGNED:  Charles Bernu Certified Repair Station No. YD5R855Y	Work Order: 12189-10-2008 Printed by EBis 3 (datcomedia.com)
11/1/08	16355 - 0 -		Overhauled propeller in accordance with Hartzell Manuals 118 Rev. 33, 139C Rev. 33, 180 Rev. 3, 183 Rev. 1 & 202A Rev. 35. Complied with Hartzell Bulletins 118F Rev. 1, 136I; Service Letters 619 Rev. 1, 189 Rev. 2, 217, 229 Rev. 1, 234, 244, 265 Rev. 1, 267 & Instructions 152A. Maxwell Aircraft Service, Inc, Mpls, MN CRS #22F2R211L, Repair Order No. 114421. End P. Maxwell 2386511

	PROP MODEL PHC-J3FY-1RF PROP S/N: FP2006B REG NO: 437C WORK ORDER: 12189-10-2008	 <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218-788-3438	DATE: 11/20/2008 A/C TSN: 1635 5 PROP TT: 1635 5 HOBS: 1635 5
	<b>Prop Entries</b> (4) (Total time of 1635 5 hobbs on Propeller, TT since OH 0 0) Installed Overhauled propeller, Hartzell (P/N PHC-J3FY-1RF, S/N FP2006B) IAW CDC AMM 61-10 (5) Installed new spinner (P/N 13978-904) and bulkhead (P/N 15320-102) IAW CDC AMM 61-10 (6) Dynamically balanced propeller IAW SR22 AMM 61-10 and Hartzell Owners Manual 61-00-15  I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
	DATE: 11/20/2008	SIGNED:  Robert Powell Certified Repair Station No. YD5R855Y	Work Order: 12189-10-2008 Printed by EBis 3 (datcomedia.com)
	PROP MODEL PHC-J3FY-1RF PROP S/N: FP2006B REG NO: 437C WORK ORDER: 12470-01-2009	<b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone: 218-788-3438	DATE: 1/8/2009 A/C TSN: 1682 3 PROP TT: 1682 3 TSPCH: 48 8 HOBS: 1682 3
	<b>Prop Entries</b> (14) Lubricated propeller hub with Aeroshell #5 grease IAW Hartzell Owners Manual #115N section Maintenance Practices. Checked Dynamic Balance of prop. Within specs of Microwave balancing instructions (146 at 2100 RPM's) (33) Removed white spinner and installed Polished Spinner P/N C-3532-5P Done IAW CDC AMM 61-20 and Hartzell propeller owners manual  I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.		
	DATE: 1/8/2009	SIGNED:  Dave Ruuskanen Certified Repair Station No. YD5R855Y	Work Order: 12470-01-2009 Printed by EBis 3 (datcomedia.com)



Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p>PROP MODEL PHC-J3FY-1RF PROP S/N FP2006B REG NO 437C WORK ORDER 12509-01-2009</p> <p> <b>Cirrus Design Factory Service Center</b> Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218-788-3438</p> <p>DATE 2/18/2009 A/C TSN 16915 PROP TT 16915 TSOH 56 HOBBS 16915</p> <p><b>Prop Entries</b> (9) HOBBS Reads 16915, Prop TT 16915, Prop TSOH 56.0 Removed this HARTZELL Propeller S/N FP2006B from Cirrus SR22 SN 0375 IAW CDC SR22 AMM 61-20 Prop Removed for Engine Change (29) Installed this HARTZELL Propeller PHC-J3FY-1RF S/N FP2006B on CIRRUS Aircraft N437C ASN 22-0375 Accomplished Dynamic Balance Procedure. No Correction Required Work Done IAW HARTZELL Maintenance Practices 61-00-15 and CDC SR22 AMM 61-10</p> <p>I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y</p> <p>DATE: 2/18/2009 SIGNED:  Karl Hagglund Certified Repair Station No. YD5R855Y</p> <p>Work Order: 12509-01-2009 Printed by EBis 3 (datcomedia.com)</p>
11-12-09	HOBBS 1811.2	LUB AND TACH	<p>I certify that this propeller has been inspected in accordance with annual inspection and was determined to be in air worthy condition date <u>Nov. 12 2009</u> Total hours <u>1811.2</u> Signed  <u>HOBBS</u> <u>1A 1631358</u></p>

				<p>Date <u>12-14-10</u> Tach <u>1971.6</u> TSO <u>336.1</u> T.T. <u>336.1</u></p> <p>I certify that this <u>Propeller</u> Has been inspected in accordance with a <u>100hr/Annual</u> inspection and was determined to be in airworthy condition. Other details of this inspection are on file at this facility under W.O. # <u>AE-10684</u> Signed <u>Steven Wells</u> <u>JA3037638</u> Edwards Jet Center - Kalispell, MT <u>Glacier</u></p>
				<p>Date <u>      </u> Tach <u>2394.0</u> T.T. <u>      </u></p> <p>I certify that this <u>propeller</u> Has been inspected in accordance with a <u>100hr/Annual</u> inspection and was determined to be in airworthy condition. Other details of this inspection are on file at this facility under W.O. # <u>AE-11758</u> Signed <u>      </u> Edwards Jet Center - Kalispell, MT <u>Glacier</u></p>







Date 2-10-15 Tech 24522 <sup>Duo</sup> T.T. 906.7

I certify that this people  
Has been inspected in accordance with  
a 100hr/Annual inspection and was  
determined to be in airworthy condition.  
Other details of this inspection are on  
file at this facility under

W. O. # 12123  
Signed James Fuller

~~James~~ Jet Center - Kalispell, MT  
~~James~~

GSC W/O AC-12123

AP/TA 3037638

(1) AOS through 2015-2

(2) Lubed

(3) check track



Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
				Date <u>3-1-16</u> Tach <u>2710.1</u> <sup>TSO</sup> <u>1074.6</u>
				I certify that this <u>Propeller</u>
				Has been inspected in accordance with
				a <u>100hr/Annual</u> inspection and was
				determined to be in airworthy condition.
				Other details of this inspection are on
				file at this facility under
				W. O. # <u>AC-0269</u>
				Signed <u>Michael A. Pross</u> <u>AP 3558233IA</u>
				<u>Edwards Jet Center - Kalispell, MT</u>
				<u>Glacier</u>
				<u>A.D. 2016-02</u>

				Date <u>1-28-17</u> <sup>Holls</sup> Tach <u>2813.1</u> T.T. <u>2813.1</u>	<u>dressed prop</u>
				I certify that this <u>Propeller</u>	<u>Lubed Prop</u>
				Has been inspected in accordance with	<u>checked track</u>
				a <u>100hr/Annual</u> inspection and was	<u>AD's checked through 2017-4</u>
				determined to be in airworthy condition.	
				Other details of this inspection are on	
				file at this facility under	
				W. O. # <u>AK-0636</u>	
				Signed <u>Steve Muller</u> <u>AP JA 305236</u>	
				<u>Edwards Jet Center - Kalispell, MT</u>	
				<u>Glacier</u>	












Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				
18 April 2020	N437C S/N: 0375, Tach: 3283.9, TAT: 3283.9			
	Propeller: Hartzell PHC-J3YF-1RF, S/N: FP2006B, TSO: 1648.4			
<p>Performed Annual inspection this date I.A.W. 14 CFR Part 43 Appendix D, and Cirrus inspection checklist 5-30. Lubed hub, dressed prop blades, and checked track. Run up, ops, and leak checks good. Details on file at this facility under SO-11304.</p> <p>I certify this prop has been inspected I.A.W. Annual/100 hour inspection criteria and found to be in an airworthy condition, and is approved for return to service.</p> <p>Signed: <u>Steve N. Wells</u> Date: <u>4-22-20</u></p> <p>Rocky Mountain Aircraft Services F.A.A. Certified Repair Station # 7RKR476D Glacier Park International Airport Kalispell, Mt 59901</p>				

Date: 5/26/2022; Aircraft: N437C; Type: FIXED WING SNGL-ENG; S/N: 0375; Hobbs: 3506.0; Total Time: 3506.0;  
 Prop - Type: PHC-J3YF-1RF, S/N: FP2006B, Time: 3506.0, Last Prop MOH: 1870.5- / /  
 Performed Annual/100hr Inspection this date IAW CFR 14 Pt. 43 Appx. D.  
 Removed spinner, inspected propeller hub, spinner, backing plate and blades. Dressed out and polished nicks as necessary. Checked ADs through Bi-Weekly 2022-11. Re-installed spinner.

"I certify that this Propeller had been inspected I.A.W. FAR 43 Appendix D and FAR 43.15C for an Annual/100hr inspection and was determined to be in airworthy condition." All pertinent details are on file at this repair station under SO#

Signed: Steve N. Wells Date: 5-26-22

Rocky Mountain Aircraft Services  
 F.A.A. Certified Repair Station # 7RKR476D  
 Glacier Park International Airport  
 Kalispell, MT 59901

Date: 5/24/2023; Aircraft: N437C; Type: FIXED WING SNGL-ENG; S/N: 0375; Hobbs: 3552.1; Total Time: 3552.1;  
 Prop - Type: PHC-J3YF-1RF, S/N: FP2006B, Time: 3552.1, Last Prop MOH: 1870.5- / /  
 Shop Order #: SO-13874

Performed Annual Inspection this date IAW CFR 14 Pt. 43 Appx. D.  
 Removed spinner, inspected propeller hub, spinner, backing plate and blades. Dressed out and polished nicks as necessary. Checked ADs through Bi-Weekly 2023-10. Re-installed spinner.

"I certify that this Propeller had been inspected I.A.W. FAR 43 Appendix D and FAR 43.15C for an Annual inspection and was determined to be in airworthy condition." All pertinent details are on file at this repair station under SO# 13874

Signed: Sam Lito Date: 5/24/2023

Rocky Mountain Aircraft Services  
 F.A.A. Certified Repair Station # 7RKR476D  
 Glacier Park International Airport  
 Kalispell, MT 59901



INSPECTION AND  
CHECKS[illegible]

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[illegible]