

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHL-53 YIF-1N

PROPELLER S/N N5 714 B

N513WC

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position One

PITCH RANGE

Propeller Model PHC-53Y1F-1N

High/Feather _____

Propeller S/N NS 714 B

Start Lock _____

Blade Design N7605B

Low _____

Blade S/N's

Reverse _____

No. 1 A 6963

No. 2 A 6955

No. 3 A 6960

No. 4 _____

No. 5 _____

No. 6 _____


Aircraft Manufacturer Cirrus Design Corp.

Aircraft Model SR 22T

S/N 0519

Registration N513WC

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. |
|---------|-----------|-----|------------|--|
| | TSN | TSO | | |
| 4-29-13 | 0.0 | N/A | 0.0 | <p>I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 145 Rev.10 Dated Oct.2011 Section 61-00-45 on <u>4-29-13</u> (DATE). The location of the Weight(s) are <u>none</u> degree And are <u>none</u> gram(s).</p> <p><i>Yett Ch</i>  (Sign/Stamp) Cirrus Design Corporation, PC 338CE</p> |
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Propeller Total Time: 18.1
 1 July 2013 Flight Hobbs: 18.1 Hobbs Meter: 24.5
 Complied with first 25 Hour Inspection per the Cirrus Scheduled Maintenance Interval. Inspected propeller hub for leakage and blade leading edges for stone nicks. Inspected propeller de-ice boots, slinger ring and TKS system for component condition and security.

1/25/13
 Jeremy D. Trussell A&P 610051913 w/o 33294

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Propeller Log Entry

14 January 2014 Flight Hobbs: 103.4 Hobbs Meter: 125.6

Completed 50 Hour Inspection this date using the Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks. Inspected propeller de-ice boots, slinger ring and TKS system for component condition and security.



L. John Wells A&P 3221132 w/o 33923

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Total Time: 132.5


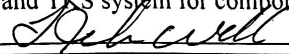
16 May 2014 Flight Hobbs: 132.5 Hobbs Meter: 158.3 Calendar Time: 1 Year 0 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR22T Scheduled Maintenance Report as a guide. Inspected propeller hub for leakage and blades for condition and security. Cleaned and inspected blade leading edges for stone nicks and painted blade faces. Inspected blade de-ice boots, slinger ring and TKS components for condition and security. AD's checked through Biweekly 2014-09.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



L. John Wells A&P 3221132 w/o 34345

| 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 style="text-align: center;">ARAPAHOE AERO</p> <p>12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Total Time: 182.4 29 May 2015 Flight Hobbs: 182.4 Hobbs Meter: 215.7 Calendar Time: 2 Years 0 Months 100 Hour Inspection for Annual completed this date using the Cirrus SR22T Scheduled Maintenance Report as a guide. Inspected propeller hub for leakage and blades for condition and security. Cleaned and inspected blade leading edges for stone nicks and painted blade faces. Dress, filled and profiled surface scratch on one blade. Inspected blade de-ice boots, slinger ring and TKS components for condition and security. Inspected spinner dome and bulkhead for condition and security. AD's checked through Biweekly 2015-11. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: right;"> Simon J. Rubino A&P 2670700 w/o 35606</p> |
| | | | | <p style="text-align: center;">ARAPAHOE AERO</p> <p>12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Propeller Log Entry 14 November 2015 Flight Hobbs: 0243.0 Hobbs Meter: 0288.4 Completed 50 Hour Servicing this date using the Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks. Inspected propeller de-ice boots, slinger ring and TKS system for component condition and security.</p> <p style="text-align: right;"> L. John Wells A&P 3221132 w/o 36207</p> |

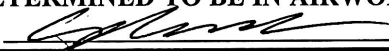
ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Total Time: 298.9

1 July 2016 Flight Hobbs: 298.9 Hobbs Meter: 355.6 Calendar Time: 3Years 2 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR22T Scheduled Maintenance Report as a guide. Inspected propeller hub for leakage and blades for condition and security. Cleaned and inspected blade leading edges for stone nicks and painted blade faces. Inspected blade de-ice boots, slinger ring and TKS components for condition and security. Inspected spinner dome and bulkhead for condition and security. AD's checked through Biweekly 2016-12. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



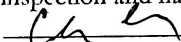
Simon J. Rubino A&P 2670700

w/o 36799



VAIL VALLEY JET CENTER

N513WC 06-28-2017 Hobbs: 773.0 Flight: 631.0
No A.D.'s applicable to this prop at this time. I certify that
this prop has been inspected in accordance with a 100 hr
inspection and has been found to be airworthy.


A&P 2822684IA

C. G. Lucas

W/O 17-00313


ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Total Time: 0859.9

26 July 2018 Flight Hobbs: 0859.9 Hobbs Meter: 1059.5 Calendar Time: 5 Years 2 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR22T Scheduled Maintenance Report as a guide. Inspected propeller hub for leakage and blades for condition and security. Cleaned and inspected blade leading edges for stone nicks and painted blade faces. AD's checked through Biweekly 2018-16. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**


Randy C. Johnson A&P 3123186 w/o 39212

IS.

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ714B Total Time: 0995.6

06 August 2019 Flight Hobbs: 0995.6 Hobbs Meter: 1233.2 Calendar Time: 6 Years 3 Months

100 Hour Inspection for Annual completed this date using the Cirrus SR22T Scheduled Maintenance Report as a guide. Inspected propeller hub for leakage and blades for condition and security. Cleaned and inspected blade leading edges for stone nicks and painted blade faces. AD's checked through Biweekly 2019-15. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**


Randy C. Johnson A&P 3123186 w/o 40384

Date: 2-29-2020
Registration: N513WC
Make: Cirrus SR22T
S/N: 0519

Propeller Logbook Insert

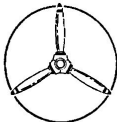
Hobbs: 1093.0
ACFT: 1093.0
Prop TT: 1093.0

**JACKSON
JETCENTER**
FBO | CHARTERS | MAINTENANCE
3673 Rickenbacker St. Boise, ID 83705

Removed propeller P/N: PHC-J3YF1F-1N S/N: NJ714B and sent to Precision Propeller Services for resale. -----END-----.
MAINTENANCE RELEASE: The Aircraft identified above was repaired and inspected in accordance with current regulations of the F.A.A and the was determined to be in an
airworthy condition and approved for return to service with respect to the work performed. Pertinent details on file at this Repair Station under Work Order No. JJC-20057.

Signature of Authorized Representative _____

F.A.A. Repair Station #GBBR155E



PRECISION PROPELLER SERVICE

4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: Hartzell Model: PHC-J3Y1F-1N S/N: NJ714B TT: 1093 TSOH: 1093

DESCRIPTION OF WORK ACCOMPLISHED

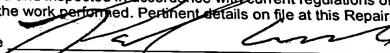
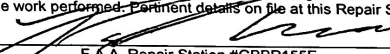
Disassembled prop and cleaned all parts. Visually inspected for wear and damage. Reassembled prop with new seals. Set angles, track, and balance. Safety wired. Complied with S/L 293-R1, 354. Blade model N7605B. Blade S/N's A6963, A6960, A6955.

PARTIAL MAINTENANCE RELEASE

Only the work requested by the customer has been performed on the part or parts identified hereon. The work and/or inspection has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No. 33059 Dated: 06/Mar/2020

Signature of authorized person _____

F.A.A. CERTIFIED REPAIR STATION NO. FG6R375D

| 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 style="text-align: center;">Propeller Logbook Insert</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Date: 4-21-20 Registration: N513WC Make: Hartzell PHC-J3Y1F-1N S/N: NJ714B</p> </div> <div style="width: 45%;"> <p>Hobbs: 1354.7 Flight: 1093.0 PropTT: 1093.0</p> </div> <div style="width: 10%; text-align: right;"> <p>JACKSON JETCENTER FBO CHARTERS MAINTENANCE 3673 Rickenbacker St. Boise, ID 83705</p> </div> </div> <p>Installed Repaired propeller P/N: PHC-J3Y1F-1N S/N: NJ714B using new O-rings and nuts ref Cirrus Maintenance Manual Section 61-10 See Precision Propeller Service 8130 dated 4-6-20 for details. Inspected propeller ref Cirrus Annual checklist 5-20. Researched ADs bi-weekly through 2020-08 Post run operational and leak checks satisfactory.</p> <p>MAINTENANCE RELEASE: The Aircraft identified above was repaired and inspected in accordance with current regulations of the F.A.A and the was determined to be in an airworthy condition and approved for return to service with respect to the work performed. Pertinent details on file at this Repair Station under Work Order No. <u>JJC-20057</u>.</p> <p style="text-align: center;">Signature of Authorized Representative </p> <p style="text-align: right;">F.A.A. Repair Station #GBBR155E</p> |
| | | | <p style="text-align: center;">Propeller Logbook Insert</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Date: 6-11-2020 Registration: N513WC Make: Hartzell PHC-J3Y1F-1N S/N: NJ714B</p> </div> <div style="width: 45%;"> <p>Hobbs: 1419.4 ACTT: 1419.4</p> </div> <div style="width: 10%; text-align: right;"> <p>JACKSON JETCENTER FBO CHARTERS MAINTENANCE 3673 Rickenbacker St. Boise, ID 83705</p> </div> </div> <p>Removed propeller and indexed 180 degrees ref Cirrus Maintenance Manual 61-60. Post inspection operational run and leak checks satisfactory.</p> <p>MAINTENANCE RELEASE: The Aircraft identified above was repaired and inspected in accordance with current regulations of the F.A.A and the was determined to be in an airworthy condition and approved for return to service with respect to the work performed. Pertinent details on file at this Repair Station under Work Order No. <u>JJC-20223</u>.</p> <p style="text-align: center;">Signature of Authorized Representative </p> <p style="text-align: right;">F.A.A. Repair Station #GBBR155E</p> |

Date: 03/02/2021
Registration: N513WC
Make: Hartzell PHC-J3Y1F-1N
S/N: NJ714B

Propeller Logbook Insert

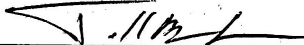
**JACKSON
JETCENTER**

FBO CHARTERS MAINTENANCE
3873 Rickenbacker St. Boise, ID 83705

Flight: 1355.0
PropTT: 1355.0

Performed Annual inspection Ref Cirrus MM 5-20. Researched ADs, including Bi-weekly through 2021-04. Post inspection operational run and leak checks satisfactory. The Propeller identified above was repaired and inspected in accordance with current regulations of the F.A.A and the was determined to be in an airworthy condition and approved for return to service with respect to the work performed. Pertinent details on file at this Repair Station under Work Order No. JJC-446.

Signature of Authorized Representative



F.A.A. Repair Station #GBBR155E

N513WC

Cirrus SR22T

S/N 0519

Flightmeter 1670.8

3/15/2022 100 Hour Inspection completed. Lubricated propeller with Aeroshell #6 grease. Adjusted propeller blade de-ice feed tubes to specifications. "I certify this propeller has been inspected in accordance with a 100 Hour Inspection and has been determined to be in airworthy condition". Propeller time since new is 1670.8 hours.



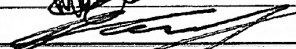

Jeffrey D. Nuttall AP26946341A
Aero Services, Inc.

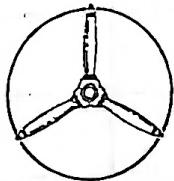
133 Municipal Dr.

Nampa, ID 83687

W.O. # 10387

| | | | |
|------|----------------------|------------|---|
| Date | Propeller TSN TSO | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|------|----------------------|------------|---|

| | | | | | |
|---|---|-------------------------------|-----------------------|-----------------|---------------|
|  MAINTENANCE ENTRY | | Form QAS-103 | Date: 5/20/2024 | | |
| Aircraft Tail # N513WC | Aircraft SN#: 0519 | WO#: N513WC04182024(01153) | | | |
| Engine Model: TSIO-550-K(1) | Engine SN#: 1008206 | Propeller Model: PHC-J3Y1F-1N | Propeller SN#: NJ714B | | |
| Aircraft Total Time: | 2101.2 | Aircraft Hobbs Time: | 2547.7 | | |
| Engine Total Time: | 2101.2 | Engine TSMO: | 1008.2 | | |
| Propeller Total Time: | 2101.2 | Propeller TSMO: | 0 | | |
| Part Nomenclature | Removed Part# | Removed Part SN# | Part Nomenclature | Installed Part# | Installed SN# |
| | | | | | |
| | | | | | |
| | | | | | |
| Remarks: Reinstalled Propeller P/N PHC-J3Y1F-1N S/N NJ714B post inspected. Inspection and reseal completed Precision Propeller certificate #FG6R375D address 4777 W Aeronca St. Boise, Idaho 83705-5055 under WO 42315. Performed PROPELLER ANNUAL INSPECTION REFERENCE HARTZEL PROPELLER OWNERS MANUAL AND AIRPLANE MAINTENANCE MANUAL FOR THE CIRRUS SR22 AND SR22T DOCUMENT NUMBER 13773-001 REVISION B. AD COMPLIANCE AS OF BI-WEEKLY 2024-10. None due at this time. Post maintenance operational and leak checks good. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. -----END | | | | | |
| Technician: Anderson Rozo | Technician Signature:  | | CERT#: | | |
| Inspector: David Wesenberg | Inspector Signature:  | | CERT#: 4359898 A&P IA | | |



PRECISION PROPELLER SERVICE

4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: Hartzell Model: PHC-J3Y1F-1N S/N: NJ714B TT: Not provided TSOH: Not provided

DESCRIPTION OF WORK ACCOMPLISHED

Partially disassembled prop and cleaned all parts. Visually inspected for wear and damage. Reassembled prop with new seals. Set angles, track, and balance. Safety wired. Complied with S/L 265-R2, 293-R1, 354, 366.

Blade model N7605B. Blade S/N's A6963, A6955, A6960.

PARTIAL MAINTENANCE RELEASE

Only the work requested by the customer has been performed on the part or parts identified hereon. The work and/or inspection has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No.:42315 Dated:13/May/2024

Signature of authorized person

F.A.A. CERTIFIED REPAIR STATION NO. FG6R375D