

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1RF/F7694

PROPELLER S/N FP2051B

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model PHC-J3YF-IRF/F7694

High/Feather _____

Propeller S/N FP2051B

Start Lock _____

Blade Design _____

Low _____

Blade S/N's

Reverse _____

No. 1 J82241

No. 2 J82242

No. 3 J82244

No. 4 _____

No. 5 _____

No. 6 _____

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

Registration _____

Spinner Assembly Part No. _____

[illegible]

Aero Structures, Inc
4765 Frank Luke Drive

CRS QRQR810L
Addison, TX 75001

Ph 972-267-2376
Fax 972-267-2377

N697C

Cirrus Design Corp. SR-22

S/N-0443

ATT- 126.7

Prop:

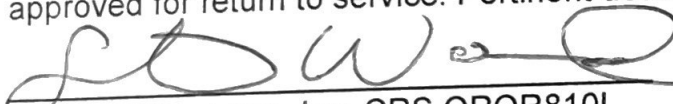
Hartzell: PHC-J3YF-1RF

S/N-FP2061B

ETT- 126.7

This propeller has been inspected IAW a 100 hour/annual inspection per FAR part 43 and 91.409 using the Cirrus SR22 maintenance manual checklist. Chapter 5-20.

The work described above was performed and inspected in accordance with current rules of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair station under Work Order 051031.


for Aero Structures, Inc. CRS QRQR810L

Date: 12-02-2005

I Certify that this Prop has been
inspected I/A/W/A Propeller Inspection
and was determined to be airworthy
condition at 248.8 Total Hours.

Date 1/4/04 IA 508567103

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>I Certify that this <u>Prop</u> has been Inspected I/A/W/A <u>Annual</u> Inspection and was determined to be airworthy condition at <u>244.2</u> hours.</p> <p>Date <u>2/1/08</u> IA 508567103</p>
				<p>I Certify that this <u>Prop</u> has been Inspected I/A/W/A <u>Annual</u> Inspection and was determined to be airworthy condition at <u>248.4</u> hours.</p> <p>Date <u>2/2/09</u> IA 508567103</p>

Date 2/18/2015

I Certify that this propeller has been
Inspected I/A/W/A Manual Inspection

And was determined to be airworthy
condition at 325.4 Total Hours.

[Signature]
IA 2815885

I Certify that this Prop has been
Inspected I/A/W/A Manual Inspection
and was determined to be airworthy

condition at 398.1 Total Hours.

Date 5/8/2011 IA 508567103

Date	Propeller TSN 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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SO#	11-16370	SILVERHAWK AVIATION INC.			DATE	09/08/11
REG.	N697C	Lincoln Municipal Airport [LNK]			TACH	429.6
MAKE	Cirrus	MODEL	SR22	SERIAL NO.	0443	

Maintenance Record

1. Performed propeller dynamic balance using ACES model 2020 prop-balancer analyzer in accordance with ACES document 2020-OM-01 rev 4 dated July 2007. 9.6 grams added at 225 degrees final balance IPS of .02 at 244 degrees.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 11-16370 Date 09/08/11

Signed: [Signature] for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

Crete Aviation, Crete, NE.
N697C Cirrus SR22 Hobbs: 470.0 Date **4/10/2012**

- Performed 100 hr/ Annual inspection in accordance with Cirrus maintenance manual.
- I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time

[Signature]
James Dux A&P 2815885IA

SO#	13-17864	SILVERHAWK AVIATION INC.				DATE	April 15, 2013
REG.	N697C	Lincoln Municipal Airport [LNK]				HOUR	512.9
MAKE	Hartzell	MODEL	PHC-J3YF1	SERIAL NO.	FP2051B	ACTT	512.9
	Propeller	PTT	512.9	PTSOH	512.9		

Maintenance Record
PROPELLER

1. Complied with Annual Inspection reference Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program check list Chapter 05-20 dated 31 May 2011.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: April 15, 2013 W.O. 13-17864

Signed: Scotty G. Long  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

D

Propeller

A/C

Description of all operations pertaining to Airworthiness Directives.

SO#	14-19039	SILVERHAWK AVIATION INC.				DATE	April 08, 2014
REG.	N697C	Lincoln Municipal Airport [LNK]				TACH	573.3
MAKE	Hartzell	MODEL	PHC-J3YF1	SERIAL NO.	FP2051B	ACTT	573.3
	Propeller	PTT	573.3	PTSOH	573.3		

Maintenance Record

1. Complied with Annual Inspection (Traditional Program) and Airplane Operational and Function Checks reference the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30.
 2. Lubricated propeller with AeroShell 6 reference the propeller hub placard.
- I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: April 8, 2014 W.O. 14-19039

Signed: Scotty G. Long

Silverhawk Aviation Inc. ORS # YQSR759U
Lincoln, NE 68524

SO#	15-20295	SILVERHAWK AVIATION INC.				DATE	May 11, 2015
REG.	N697C	Lincoln Municipal Airport [LNK]				TACH	612.6
MAKE	Hartzell	MODEL	PHC-J3YF1	SERIAL NO.	FP2051B	ACTT	612.6
	Propeller	PTT	612.6	PTSOH	612.6		

Maintenance Record Propeller

1. Complied with 100 hour/Annual Inspection (Traditional Program) and Airplane Operational and Function Checks reference the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30. Performed engine propeller ground run and leak check with no discrepancies noted.
2. Lubricated propeller with AeroShell 6 reference the propeller hub placard.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an 100 hour/Annual inspection as per 14 CFR 91.409 (a) (1) and was determined to be in an airworthy condition.

Dated: May 11, 2015 W.O. 15-20295

Signed:  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

SO#	16-21596	SILVERHAWK AVIATION INC.				DATE	04/08/16
REG.	N697C	Lincoln Municipal Airport [LNK]				TACH	642.4
MAKE	Hartzell	MODEL	PHC-J3YF1	SERIAL NO.	FP2051B	ACTT	642.4
	Propeller	PTT	642.4	PTSOH	642.4		

1. Complied with 100 hour/Annual Inspection (Traditional Program) and Airplane Operational and Function Checks reference the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30. Performed engine/propeller ground run and leak check with no discrepancies.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an 100 hour/Annual inspection as per 14 CFR 91.409 (a) (1) and was determined to be in an airworthy condition.

Dated: April 8, 2016 W.O. 16-21596

Signed: _____ for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

[illegible]

SO#	17-23041	SILVERHAWK AVIATION INC.				DATE	05/APR/2017
REG.	N697C	Lincoln Municipal Airport [LNK]				TACH	672.7
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	SERIAL NO.	FP2051B	ACTT	672.7
	Propeller	PTT	672.7	PTSOH	N/A		

Maintenance Record Propeller

1. Complied with 100 hour/Annual Inspection (Traditional Program) and Airplane Operational and Function Checks reference the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30. Performed engine/propeller ground run and leak check with no discrepancies noted.
2. Complied with 100 hour/12 month propeller lubrication schedule. Lubricated propeller with Aeroshell 6 grease reference the propeller hub placard and the Cirrus SR22 Maintenance Manual, Chapter 12-20.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an 100 hour/Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: April 5, 2017 W.O. 17-23041

Signed:  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Date

SO#	18-24896	SILVERHAWK AVIATION INC.				DATE	04/10/2018
REG.	N697C	Lincoln Municipal Airport [LNK]				TACH	705.8
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	SERIAL NO.	FP2051B	ACTT	705.8
	Propeller	PTT	705.8	PTSOH	N/A		

Maintenance Record Propeller

1. Complied with Annual Inspection (Traditional Program) and Airplane Operational and Function Checks reference the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30. Performed propeller ground run and leak check with no discrepancies noted.
2. Performed 100 hour propeller hub lubrication with Aeroshell 6 grease. Next due 805.3 ACTT. Reference Cirrus SR22 AMM, Chapter 12-20.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: April 10, 2018 W.O. 18-24896

Signed:  for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

SO#	19-27001	SILVERHAWK AVIATION INC.				DATE	04/19/19
REG.	N697C	Lincoln Municipal Airport [LNK]				HOBBS	720.4
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	SERIAL NO.	FP2051B	ACTT	720.4
		PTT	720.4	PTSOH	N/A		

Maintenance Record Propeller

1. Complied with Annual Inspection (Traditional Program) and Airplane Operational and Function Checks. Performed engine/propeller ground run with no leaks noted at this time. Reference the Cirrus AMM, Models SR22 and SR22T Traditional Program, Ch. 05-20.
2. Complied with 100 hour annual propeller lubrication schedule. Work accomplished referencing the Cirrus SR22 AMM, Ch 12-20.
3. Dressed prop blades referencing AC20-37E.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a) (1) and was determined to be in an airworthy condition.

Dated: April 19, 2019 W.O. 19-27001

Signed: Benjamin A. Taylor

 for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Date	SO#	20-29023	SILVERHAWK AVIATION INC.			DATE	04/04/20
	REG.	N697C	Lincoln Municipal Airport [LNK]			HOBBS	730.3
	MAKE	Hartzell	MODEL	PHC-J3YF-1RF	SERIAL NO.	FP2051B	ACTT
		Propeller	PTT	730.3	PTSOH	N/A	730.3

Maintenance Record Propeller

1. Complied with Annual inspection. Aircraft ground run completed for post inspection operational checks with no further discrepancies noted at this time. Reference the Cirrus SR22 AMM Chapter 05-20. Next due in 12 calendar months.
2. Complied with the 50 hour inspection. Reference the Cirrus SR22 AMM Chapter 05-20. Next due @ 780.3 hours ACTT.
3. Complied with the 100 hour inspection. Reference the Cirrus SR22 AMM Chapter 05-20. Next due @ 830.3 hours ACTT.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: April 04, 2020 W.O. 20-29084

Signed: Brandon Boardman Brandan Boardman for

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

SO#	21-30972	SILVERHAWK AVIATION INC.				DATE	04/12/2021
REG.	N697C	Lincoln Municipal Airport [LNK]				ACTT	747.5
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	PTT:	747.5	HOBBS	747.5
		SERIAL NO.	FP2051B	PTSOH:	N/A		

Maintenance Propeller Record

1. Completed the Annual/100 hour inspection program. Performed aircraft engine run. Compressions: #1: 65/80, #2: 66/80, #3: 62/80, #4: 65/80, #5: 64/80, #6: 64/80. MO: 43. Removed spark plugs, cleaned, gapped, inspected, rotated, and reinstalled spark plugs. Drained engine oil, removed oil filter and cut open for contamination inspection with none found. Installed new oil filter P/N CH48108-1 and serviced engine with 8 quarts Phillips X/C 20W50 oil. Ground run completed for post inspection operational checks with no further discrepancies noted at this time. Reference Cirrus SR22 maintenance manual 05-20, 05-30 and Chapter 12-10. Next due April 2022 or 847.5 Hr ACTT.

I certify this (aircraft) (engine) (**propeller**) has been inspected in accordance with a/an Annual inspection as per 14 CFR part 91.409 (a)(1) and was determined to be in an airworthy condition.
Dated April 12, 2021 W.O. 21-30972 Signed Benjamin Taylor
Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Propeller

A/C

Description of all operations pertaining to A/C

SO#	22-32965	Silverhawk Aviation				DATE	04/21/2022
REG.	N697C	Lincoln Municipal Airport [LNK]				ACTT	753.0
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	PTT:	753.0	HOUR	753.0
		SERIAL NO.	FP2051B	PTSOH:	N/A		

Maintenance Propeller Record

1. Ran engine and drained engine oil and removed oil filter to cut open for inspection. No discrepancies noted at this time. Added 8 quarts of Phillips X/C 20w50 oil and installed new CH48108-1 oil filter. Removed, cleaned, gapped, rotated and reinstalled all spark plugs. Compression test results: Master Orifice - 43, #1 - 71, #2 - 72, #3 - 70, #4 - 69, #5 - 73, #6 - 78. Complied with Annual Inspection (Traditional Program) and Airplane Operational and Function Checks referencing the Cirrus Airplane Maintenance Manual Models SR22 and SR22T Traditional Program Chapters 05-20 and 05-30. Next due April 2023.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with a/an Annual inspection as per 14 CFR part 91.409 (a)(1) and was determined to be in an airworthy condition.
Dated April 21, 2022 W.O. 22-32965 Signed Benjamin Taylor
Silverhawk Aviation CRS # YQSR759U
Lincoln, NE 68524

SO#	23-34675	Ross Aviation Flight Maintenance				DATE	06/01/2023
REG.	N697C	Lincoln Municipal Airport [LNK]				ACTT	755.0
MAKE	Hartzell	MODEL	PHC-J3YF-1RF	PTT:	755.0	HOBBS	755.0
		SERIAL NO.	FP2051B	PTSOH:	N/A		

Maintenance Propeller Record

1. Complied with 12 month Annual inspection. Ran engine and drained engine oil and removed oil filter to cut open for inspection. No discrepancies noted at this time. Added 8 quarts of Phillips X/C 20w50 oil and installed new AA48108-2 oil filter. Removed, cleaned, gapped, rotated, and reinstalled all spark plugs. Compression test results: Master Orifice - 47, #1 - 73, #2 - 71, #3 - 70, #4 - 70, #5 - 73, #6 - 74. Leak and operational check satisfactory. Reference Cirrus Airplane Maintenance Manual Models SR22 Maintenance Manual Chapter 5-20.

I certify this (aircraft) (engine) **(propeller)** has been inspected in accordance with a/an Annual inspection as per 14 CFR part 91.409 (a)(1) and was determined to be in an airworthy condition.
Dated June 0, 2023 W.O. 23-34675 Signed Benjamin Taylor
Ross Aviation Flight Maintenance CRS# LNK128E
Lincoln, NE 68524