

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3Y1F-1N

PROPELLER S/N NJ429B

LOGBOOK # _____

INSPECTION	Model Number PHC-J3Y1F-1N/N7605B	Hydr Unit No.	Bulkhead No.	Valve No. N/A
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PROPELLER MAINTENANCE RECORD

Position ONE

Propeller Model PHC-334IF-1N

Propeller S/N NJ429B

Blade Design N7605B

Blade S/N's

No. 1 A4534

No. 2 A4535

No. 3 A4539

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer CIRRUS DESIGN CORP


Aircraft Model SR-22T

S/N 0112

Registration N343TX

Ass'y Ser No.	No.	Bulkhead No.	NA
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Valve No.	NA	
Blade 4:	Blade 5:	Blade 6:
Clamp 4:	Clamp 5:	



Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
3/7/11	.1	N/A	.1	<p>I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 145 Rev. 7 Dated Oct. 2009 Section 61-00-45 on <u>3/7/11</u> (DATE). The location of the Weight(s) are <u>NONE</u> degree And are <u>NONE</u> gram(s).</p> <p><u>Bary Njiri</u>  (Sign/Stamp) Cirrus Design Corporation, PC 338CE</p>

PROP MODEL:
PHC-J3YF-1N/N7605B
PROP S/N: NJ429B
REG. NO: N343TX
WORK ORDER: 114573

 **Clear Star Aviation**
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, Texas 75001
972-267-2376

DATE: 3/6/2014
A/C TSN: 183.7
PROP TT: 183.7
FLIGHTTIME: 183.7

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
	PILOT MODEL PRO 350P-1N PROP 3IN P/N NO N343TX WORK ORDER: 113315	Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 8/9/2011 A/C TSN: 29.3 PROP IT: 29.3 FLIGHT TIME: 29.3	
		Prop Entries Repainted the prop tip stripes. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.		
		DATE: 8/9/2011 SIGNED:  Daw, Isaiah Certified Repair Station No. 5CSR009B	Work Order: 113315 Printed by EBis 3 (datcomedia.com)	
	MAKE: Cessna MODEL: SR22T S/N: 6112 REF: NO N343TX WORK ORDER: 113315	Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 8/9/2011 A/C TSN: 29.3 FLIGHT TIME: 29.3	
		Airframe Entries Complied with SB 2X-27-16 R1 by installation of kit P/N 70255-001..Complied with SB 2X-57-11..Complied with SB 2X-71-17 by installation of kit P/N 70257-001..Installed new P/N 12433-001 placard on the L/H flap assembly Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.		
		DATE: 8/9/2011 SIGNED:  Daw, Isaiah Certified Repair Station No. 5CSR009B	Work Order: 113315 Printed by EBis 3 (datcomedia.com)	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL: SR22T S/N: 3112 REG. NO: N343TX WORK ORDER: 113535	Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 11/30/2011 A/C TSN: 38.3 FLIGHTTIME: 38.3
	Airframe Entries Installed new L/H wing walk P/N 18063-003. Installed boost pump P/N 5217-00-3 S/N 4244 after overhaul performed by Dukes Aerospace, see work order 115538 dated 09/27/2011. Complied with SB 2X-28-10. Installed new #1 battery P/N RG24-11M, S/N 40451224. Installed new #2 batteries P/N 50079-001.		
	Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.		
	DATE: 11/30/2011	SIGNED: <i>Isaiah Daw</i>	Work Order: 113535

Daw: Isaiah

Printed by EBis 3 (datcomedia.com)



McGregor Executive Airport
 355 McGregor Airport Road
 McGregor, TX 76657
 Phone: 254-848-2345
 Fax: 254-848-2555

N#:	N343TX	Make:	Cirrus
H/M:	47.6	Model:	SR22T
Date:	5-7-12	S/N:	0112

PTT: 47.6

Performed an **Annual Inspection** as required by **FAR 91.409** in accordance with the Cirrus SR22 service manual, and FAR 43 Appendix D. I certify that this **propeller** was inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

Carl Lewis

(Authorized Signature)

for CRS# U9RR733J

Details of the work performed are on file at this station, reference Work Order #: AA12-0360



PROP MODEL:
PHC-J3YF-1N/N7605B
PROP S/N: NJ429B
REG. NO: N343TX
WORK ORDER: 114573



Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, Texas 75001
Phone: 972-267-2376

DATE: 3/6/2014
A/C TSN: 183.7
PROP TT: 183.7
FLIGHTTIME: 183.7

Prop Entries

Performed propeller 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this propeller has been inspected in accordance with a 100HR 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 5CSR009B.

DATE: 3/6/2014

SIGNED:

Work Order: 114573

Hoskins, Josh
Certified Repair Station No. 5CSR009B

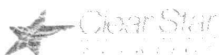
Printed by EBis 3 (datcomedia.com)

Valve No

Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Propeller		A/C
TSN	TSO	Hrs

PROP MODEL:
PHC-J3YF-1N/N7605B
PROP S/N: NJ429B
REG. NO: N343TX
WORK ORDER: 115009



Clear Star Aviation

4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 3/20/2015
A/C TSN: 354.8
PROP TT: 354.8
FLIGHTTIME: 354.8

Prop Entries

Performed propeller 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this propeller has been inspected in accordance with a 100HR 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 5CSR009B.

DATE: 3/20/2015

SIGNED:

Work Order: 115009

Printed by EBis 3 (datcomedia.com)



WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **2-13-2016**
Work Order: **S8188**
N343TX S/N 22T-0112
Hobbs Meter: **618.6**
Flight Meter: **522.3**
TTAF: **522.3**
TTP: **522.3**

PROPELLER LOG

Prop. S/N: NJ429B



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with reference to the Cirrus SR22 / 22T A.M.M. Rev. B6, Chapter 5.

-All applicable AD's complied with at this time.

I certify that this Propeller (Hartzell PHCJ3Y1F1N/N7605B, S/N NJ429B) has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: _____

Chad J. Koehn
Chad J. Koehn / CRS Release Authority



WELLS AIRCRAFT, INC.
800 AIRPORT ROAD
MUNICIPAL AIRPORT
HUTCHINSON, KS 67501-1953
CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **03-08-2017**
Work Order: **S8390**
N343TX S/N 22T-0112
Hobbs Meter: **840.1**
Flight Meter: **718.2**
TTAF: **718.2**
TTP: **718.2**

PROPELLER LOG

Prop. S/N: NJ429B



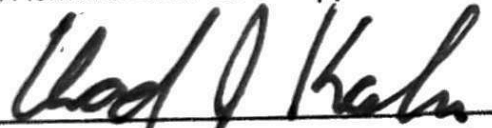
Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with reference to the Cirrus SR22 / 22T A.M.M. Rev. B6, Chapter 5.

-All applicable AD's complied with at this time.

I certify that this Propeller (Hartzell PHCJ3Y1F1N/N7605B, S/N NJ429B) has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: _____


Chad J. Kohn / CRS Release Authority



WELLS AIRCRAFT, INC.
 800 AIRPORT ROAD
 MUNICIPAL AIRPORT
 HUTCHINSON, KS 67501-1953
 CRS NT2R043L
 (620)663-1546
www.wellsac.com

Date: **03-14-2018**
 Work Order: **S8623**
 N343TX S/N 22T-0112
 Hobbs Meter: **1010.3**
 Flight Meter: **866.1**
 TTAF: **866.1**
 TTP: **866.1**

PROPELLER LOG

Prop. S/N: NJ429B



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with reference to the Cirrus SR22 / 22T A.M.M. Rev. B7, Chapter 5.

-All applicable AD's complied with at this time.

I certify that this Propeller (Hartzell PHCJ3Y1F1N/N7605B, S/N NJ429B) has been inspected in accordance with an **Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying 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 the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*
 Chad J. Koehn / CRS Release Authority

Model Number PHC-J3Y1F-1N/N7605B
 Hydr Unit No.
 Bulkhead No.
 Valve No.
 NA
 Work Order #: MZ/390
 HARTZELL PROPELLER INSPECTION

ate	Propeller		A/C
	TSN	TSO	Hrs

Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair and Inspections.

wo WO_326

Propeller - page 1 of 1



Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650

N343TX
tach: 1212.4

Hartzell, PHC-J3YF-1N/N7605B, S/N: NJ429B
PTSN: 1212.4 hobbs: 1451.5

November 5, 2020

1. Performed 100 Hour Inspection Per Hartzell MM Less SB's.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_326.

Jason Gruener A&P 4268587

Valve No. NA		
Blade 4:	Blade 5:	Blade 6:
Clamp 4:	Clamp 5:	

Date	Propeller		A/C Hrs
	TSN	TSO	

**Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.**


TOP FLIGHT AVIATION MAINTENANCE 843-408-9555

N343TX SR22T SN: 0112 FLIGHT HOBBS: ⁹³⁷947 TT: ^{937 TW}947

10/01/2018



Performed annual inspection, removed prop to change standby alternator belt. Cleaned crankshaft sludge out and installed prop with new o-ring and wet torqued. Inspected backing plate, de-ice slinger ring, blades and spinner. Touched up paint on rear of prop blades. I certify this prop was inspected IAW an annual inspection and was found to be in an airworthy condition.

Terence Wray 

IA 2702874



Carolina Aero Tech LLC - 71 Summit Drive - Hiltonhead SC 29926 - 843-816-2650

N343TX
Tach: 1074.4

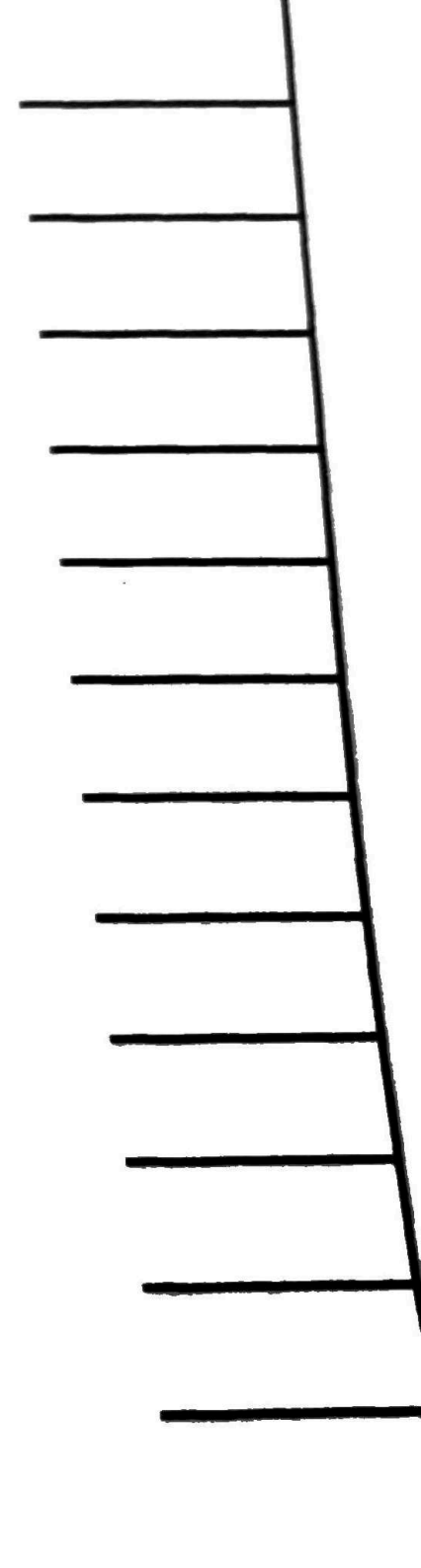
Hartzell, PHC-J3YF-1N/N7605B, S/N: NJ429B
PTSN: 1074.4 Hobbs: 1271.2

November 1, 2019

- 1. 100 hour Inspection Per Hartzell MM Less SB's Dress nicks and paint blade face.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO 74.

Jason Gruener A&P 4268587



HARTZELL PROPELLER INC

Item Number: J3F30500AFM

Date: 2/14/2011

INSPECTION

Work Order #: M273980

Model Number: C-J3Y1F-1N/N7605B					
Ass'y Ser No. NJ429B		Hydr Unit No. NA		Bulkhead No. NA	
Valve No. NA		Blade 1: A4534		Blade 2: A4535	
Blade 3: A4539		Blade 4:		Blade 5:	
Blade 6:		Clamp 1:		Clamp 2:	
Clamp 3:		Clamp 4:		Clamp 5:	
Reverse NA	Start Lock NA	Low Pitch 12.2	High Pitch 35.0	Feather NA	
Ref Radius (inches) for angles: 30					
Comments: Deice Kit: NA					
Packing Certified By:				Date:	
Inspected By: John Martin					

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

Manufacturer

WI

Company Name

Name:

Address:

Address:

City:

Postal Code:

Telephone:

E-mail Address:

Propeller Assem

Propeller Serial

Blade Serial No.

Aircraft Model:

Registration No.:

Date Propeller/Ai

Is this a Top Prop

IMPORTANT
Please use care when
Unreadable or incon
Hartzell Propeller Inc

YOU MUST REGISTER
to receive updates to your
information, and to be

C-Line.com
 1-888-880-0120
 SIVG #62038

The manufacturers' FAA approved overhaul period for this propeller is 6 years/months or 2400 hours, whichever occurs first.

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- Wear rates are commensurate to hours flown.

IT IS STRONGLY RECOMMENDED ALL PROPELLERS MINIMALLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED SIX YEARS.

Propeller Model PHC-J3Y1F-1N

Blade Model N7605B

Hub Serial No. NJ429B

Blade Serial No. 1 A4534

2 A4535

3 A4539

4 _____

5 _____

6 _____

not

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES	2. <h1 style="margin: 0;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="margin: 0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form tracking Number: 21-1010
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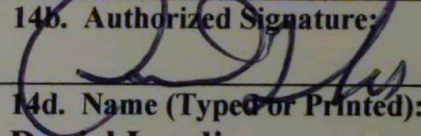
4. Organization Name and Address: Sensenich Propeller Service, Inc. 1245 Palmour Place Suite A, Gainesville, Ga. 30501-6862	5. Work Order/Contract/Invoice Number: G28407
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell 3-Bladed Propeller Assembly	PHC-J3Y1F-1N/ N7605B	1	NJ429B	Overhauled

12. Remarks: Blade S/Ns: A4534, A4535, A4539. Manuals: 113B R-48, 135F R-42 & 202A. Comply with S/Bs Thru: 395, S/Ls Thru: 371, S./Is Thru: 214, S/As Thru: 52. All work done in accordance with Hartzell Specifications. This 8130-3 certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6252.

Propeller TSN: Unknown Propeller TSO: -0-



13a. Certifies the items above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: S46R346N
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Daniel Landis	14e. Date (dd/mmm/yyyy): 10 Dec 2021

USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/articles(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.


Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			 Sensenich Propeller Service, Inc. 1245 Palmour Place Suite A Gainesville, Ga 30501 Phone (770)538-0444 www.sensenichprops.com	
			10 Dec 2021 Propeller Model: PHC-J3Y1F-1N/N7605B Blade S/Ns: A4534 A4535 A4539 Blade Angles: Low: 12.2 Propeller TSN: Unknown	Invoice Number: G28407 Hub Serial No: NJ429B High: 35.0 Propeller TSO: -0-
			Disassemble, Service, Zyglo, Magnaflux, Assemble, Set Angles, Check Track and Balanced - Overhaul. All Work Done In Accordance With Hartzell Specifications.	
			 Daniel Landis Repair Station S46R346N	

wo: WO_620

Propeller - page 1 of 1



Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

Date		Signatures
	N343TX Hartzell, PHC-J3YF-1N/N7605B, S/N: NJ429B December 14, 2021 FLIGHT TIME: 1350.8 TT: 1350.8 SMOH: 0.0 HOBBS: 1629.5	
	1. Installed on N343TX and test operation. Performed 100 Hour inspection. Per Hartzell MM.	
	With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_620.	
	Jason Gruener A&P 4268587	

INSPECTION RECORD

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

DATE

wo: WO_927

CAROLINA AERO TECH

Airframe - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

N343TX **CIRRUS DESIGN CORP, SR22T, S/N: 0112** **January 03, 2023**
FLIGHT TIME: 1475.8 ACTT: 1475.8 HOBBS: 1766.4

1. Performed 100 Hour Annual inspection IAW Cirrus MM 5-20 Less Sb's.
2. Test and inspect ELT Per 91.207(d), Battery Due 12/2023.
3. Replace Both Engine air induction filters. Installed (2) P/N 27166-001 - Air Filter.
4. Removed O2 Bottle For Hydrostatic Test. Computed Tempory W&B and placed in POH. Removed P/N 026N2003-3 - 77.1 Cu Ft O2 Bottle (AS REMOVED) S/N: 6268-1954.
5. AD's checked though TDATA Cycle 2022-26 No AD's Due at this time.
I Certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition. With respect to the work performed, this airframe is approved for return to service.

Jason Gruener AP/IA 4268587

HOBBS: 1744.6

and replaced relay with
system checked good no

the work performed

Michael Strobl

wo: WO_927

CAROLINA AERO TECH

Propeller - page 1 of 1

Carolina Aero Tech LLC · 85 Summit Drive · Hiltonhead, SC 29926 · 843-816-2650

N343TX **Hartzell, PHC-J3YF-1N/N7605B, S/N: NJ429B** **January 03, 2023**
FLIGHT TIME: 1475.8 TT: 1475.8 SMOH: 125.0 HOBBS: 1766.4

- Performed 100 Houe Inspection IAW Hartzell MM Less SB's.
With respect to the work performed, this propeller is approved for return to service.

Jason Gruener AP/IA 4268587

Cirrus SR22T