

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-53YF-1N

PROPELLER S/N FP 5991B

LOGBOOK # 1

## PROPELLER MAINTENANCE RECORD

Position one

Propeller Model PHC-J3YF-1N

Propeller S/N FP5991B

Blade Design N7605B

Blade S/N's

No. 1 A1006

No. 2 A1008

No. 3 A1002

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

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

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

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

PITCH RANGE

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

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

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer CIRRUS DESIGN

Aircraft Model SR 22

S/N 2663

Registration N193SR

PROP MODEL: PHC-J3YF-1N PROP S/N: FP5991B REG. NO. N193SR WORK ORDER: 2784-08-2008	<b>Twin Cities Aviation, Inc.</b> 8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	DATE: 9/18/2008 A/C TSN: 185.4 PROP TT: 185.4 HOBBS: 185.4
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**Prop Entries**

C/W a annual Propeller inspection IAW Cirrus SR 22 MM and IG. AD's researched to date. See AD listing for pertinent details. All Cirrus SB's researched to date. Ground run, ops and leak check satisfactory. I certify that I have inspected this propeller IAW a annual inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed.—C/W **AD 05-14-11**, Maintenance and Repair by Southern California Propeller Service. DNA, No Repair by Southern California Propeller Service, no further action required.—C/W **AD 07-26-09**, Placard Propeller Blade Shank, DNA By Model Numbers, no further action required.—C/W **AD 08-13-28**, Propeller Hub Lubrication Holes, DNA by Model Number, No further action required.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 9/18/2008	SIGNED: 	Work Order: 2784-08-2008
Jeff Iskierka, IA: 47004644		Printed by EBis 3 (datcomedia.com)

PROP MODEL: PHC-J3YF-1N PROP S/N: FP5991B REG. NO. N193SR WORK ORDER: 3238-09-2009	<b>Twin Cities Aviation, Inc.</b> 8891 Airport Rd #A-2 Blaine, Minnesota 55449 USA Phone: 763-784-9165	DATE: 10/2/2009 A/C TSN: 229.3 PROP TT: 229.3 HOBBS: 229.3
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**Prop Entries**



C/W a annual Propeller inspection IAW Cirrus SR 22 MM and IG. Dressed and painted blades. AD's researched to date. See AD listing for pertinent details. All Cirrus SB's researched to date. Ground run, ops and leak check satisfactory. I certify that I have inspected this propeller IAW a annual inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 10/2/2009	SIGNED: 	Work Order: 3238-09-2009
Andrew Bougetz, IA: 2658245		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>4535 Airport Approach Rd. Duluth, MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility</p> <p>Date: 10/06/2010; Aircraft: N193SR; Type: SR22; S/N: 2663; Hobbs: 335.7; Total Time: 262.3; Prop - Type: PHC-J3YF-1N, S/N: FP5991B, Time: 262.3, SMOH: 262.3 Shop Order #: 10-7608 (FLT TIME: 262.3 Hrs.) Performed 100 hr inspection of propeller IAW CDC AMM 5-20. Researched prop ADs thru current bi-weekly 2010-20. Lubricated propeller hub IAW CDC AMM 61-10 and Hartzell Owner's Manual, Maintenance Practices.</p> <p>Signature: <u><i>Rick Hagberg</i></u> A&amp;P 3268908 Rick Hagberg A&amp;P 3268908</p>
			 <p>4535 Airport Approach Rd. Duluth, MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility</p> <p>Date: 11/04/2011; Aircraft: N193SR; Type: SR22; S/N: 2663; Hobbs: 454.3; Total Time: 354.9; Prop - Type: PHC-J3YF-1N, S/N: FP5991B, Time: 354.9, SMOH: 354.9 Shop Order #: 11-8031 (FLT TIME: 354.9 Hrs.) Performed Annual / 100 hr inspection of propeller IAW CDC AMM 5-20. Lubricated propeller hub IAW CDC AMM 61-10 and Hartzell Owner's Manual, Maintenance Practices. Visually inspected spinner/ hub, and blades. No blade nicks at this time. I certify that this Propeller has been inspected in accordance with an Annual / 100 hr inspection and was determined to be in an airworthy condition.</p> <p>Signature: <u><i>James J. Imberg</i></u> James J. Imberg A&amp;P 2751176</p>

11/15/12	49025	~	<p>9/10 100 hr / Annual inspection, C/W 100 hr tube A&amp;P 2 grosser <i>Stanley W. Winters</i> AP2017686 EA</p>
<b>Airmotive Enterprises, Inc.</b> 16384 Airport Rd. Ste #8 Brainerd, MN 56401 (218) 829-3398 Hobbs: 683 SMOH: 683			N-Number: N193SR Make: Hartzell Model: PHC-J3YF-1N S/N: FP5991B Date: 11/15/2013
Visually inspected propeller, spinner, and bulkhead. Lubed propeller with Aeroshell #6. Checked for applicable AD's through 2013-22. I certify this propeller has been inspected IAW a 100hr inspection.			
			David Ahlers A&P2704874 <u><i>David Ahlers</i></u>

11/26/2014

N193SR

Make: Hartzell

Model: PHC-J3YE-1N

S/N: FP5991B

Hobbs: 739 SMOH: 739



16384 Airport Road, Suite 8  
Brainerd, MN 56401  
218-829-3398

**REQUEST**  
AIRCRAFT

Authorized Service Center

Visually inspected propeller, spinner, and bulkhead. Checked for applicable AD's through 2014-22. I certify this propeller has been inspected IAW a 100hr inspection.

*David Ahlers*  
David Ahlers A&P2704874

AITKIN AVIATION INC Phone 218 927 4104

11-6-15 N193SR A/CTT 819.3 hrs. Engine TT 705.2 hrs. Performed annual inspection I/A/W Hartzell propeller service manual. Checked for nicks on propeller and security. Checked all AD's through 2015-22. I certify that this propeller has been inspected I/A/W an Annual/ 100 hr. inspection and found to be in airworthy condition.

Ron Sieling A&P 3682463

*Ron Sieling*

11-4-16

Prop inspection write-up - See Airframe logbook.  
Ron Sieling A&P3682463

**NORTHPOINT**  
AVIATION

16384 Airport Road  
Brainerd, MN 56401  
(218) 829-3398

Date: 9/24/2019; Aircraft: N193SR; Type: Fixed Wing; Tach: 951.00; Total Time: Engine  
- Type: IO-550-N; S/N: 691330; Time:; SMOH:

Shop Order #: SO-19-1018, Closed: 9/24/2019

Remove prop governor for repair due to leak. Re-install after repair.  
Removed prop governor P/N C290D3-R T23 S/N 070549 and sent to Maxwell Aircraft Service for repair. Repair performed under W/O #124055. Re-installed repaired prop gov. P/N same S/N same with new gasket. Performed run-up and ops checks, satisfactory. Re-installed all cowlings. All work done IAW Cirrus SR22 AMM.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired/inspected IAW current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this facility under the shop order above.

Signed: *[Signature]*

NorthPoint Aviation C.R.S 6DVR982C

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Date	Propeller TSN    TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.	
1. Approving Civil Aviation Authority/Country: FAA/United States			2. Form Tracking Number: 124055	
3. Organization Name and Address: MAXWELL AIRCRAFT SERVICE, INC. 5800 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429			4. Work Order/Contract/Invoice Number: 124055	
5. Item:	6. Description:	7. Part Number:	8. Quantity:	9. Serial Number:
1	McCAULEY GOVERNOR	C290D3-R/T23	1	070549
10. Status/Work: REPAIRED				
11. Remarks: SERVICED GOVERNOR AS NEEDED TO BENCH CHECK AND REPAIR IN ACCORDANCE WITH McCAULEY MANUAL 780401 REVISION 8.  *****NOTE: WORK PERFORMED ON THIS REPAIR ORDER CANNOT BE CONSIDERED AN OVERHAUL*****				
12a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			12b. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input 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.	
13a. Authorized Signature:	13b. Approval/Authorization No.:	13c. Authorized Signature: <i>Conrad E. Maxwell</i>	13d. Approval/Certificate No.: UF2R211L	
13e. Name (Typed or Printed):	13f. Date (dd/mm/yyyy):	13g. Name (Typed or Printed): CONRAD E. MAXWELL    2386511	13h. Date (dd/mm/yyyy): SEPTEMBER 6, 2019	
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)/article(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.				

FAA Form 8130-3 (02-14)    NSN: 0052-00-012-9005

LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC. <b>MILLION AIR</b> d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W					
Aircraft		Engine		Propeller	
Manufacturer: Cirrus	Date: 8/5/2020	Manufacturer: Continental	Manufacturer: Hartzell		
Model: SR22	W.O.: M200633	Model: IO-550-N(50)	Model: PHC-J3YF-1N		
S/N: 2663	FHM: 992.5	S/N: 691330	S/N: FP5991B		
Reg #: N193SR	Hobbs: 1108.6	TTE: 992.5	TTP: 992.5		
TAT: 992.5					
PROPELLER LOGBOOK INSERT					
The propeller identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.					
<u>Maintenance</u>					
Lubricated propeller hub with Aeroshell 6 grease.					
The above maintenance was accomplished referencing the Hartzell Propeller Owner's Manual 145 and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this propeller is approved for return to service.					
<u>Inspection</u>					
The propeller listed above was inspected (annual/100 hour engine items) using the Cirrus Design SR22 current inspection guide (Revised Sept. 4 2018) and is approved for return to service.					
The above inspection was accomplished in accordance with the Cirrus SR22 Airframe Maintenance Manual and/or vendor manuals as required by 14 CFR 91.409(a)(1). With regard to the work performed, I certify that this propeller is in airworthy condition.					
Signed: <i>John T. Gardner</i>					
Print: John T. Gardner					
for COMMONWEALTH AVIATION SERVICE, INC. d/b/a MILLION AIR - RICHMOND F.A.A. Approved Repair Station No. VXWR051W					



d/b/a MILLION AIR - RICHMOND  
Cirrus Design Service Center  
CRS VXWR051W

Aircraft

Engine

Propeller

Manufacturer:	Cirrus	Date:	9/3/2021	Manufacturer:	Continental	Manufacturer:	Hartzell
Model:	SR22	W.O.:	M210805	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N
S/N:	2663	FHM:	1062.2	S/N:	691330	S/N:	FP5991B
Reg #:	N193SR	Hobbs:	1209.4	TSN:	1062.2	TSN:	1062.2
TAT:	1062.2						

PROPELLER LOGBOOK INSERT

The propeller identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

Maintenance

Lubricated the propeller hub with Aeroshell Grease 6.

The above maintenance was accomplished referencing the Cirrus SR22 Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this propeller is approved for return to service.

Inspections

The propeller listed above was inspected (annual/100 hour propeller items) using the Cirrus SR22 current inspection guide in AMM 05-20 (revised Aug. 20, 2018).

The above inspections were accomplished in accordance with the Cirrus SR22 Airplane Maintenance Manual and/or vendor manuals as required by 14 CFR 91.409(a)(1). With regard to the work performed, I certify that this propeller is in airworthy condition.

Signed:

Print:

for  
COMMONWEALTH AVIATION SERVICE, INC.  
d/b/a MILLION AIR - RICHMOND  
F.A.A. Approved Repair Station No. VXWR051W

11/01/2022 TACH & TSNEW: 1293.2 HRS (HOBBS) 1129.6 HRS (FLIGHT HOBBS) N193SR

Performed 100 hr inspection in accordance with manufacture guidelines and FAR 43.13 appendix D. Visually inspected propeller, tracking and security. I certify that this propeller has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition at this time. Paul E. Rush A&P 492669013.

11/01/2022 TACH&TSNEW: 1293.2 HRS(HOBBS) 1129.6 HRS(FLIGHT HOBBS) N193SR  
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

PHILIP D. CHAFFEE A&P 1990828 IA

01/05/2025 TSNEW: 1293.4 HRS HOBBS

N193SR

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

PHILIP D. CHAFFEE A&P 1990828 IA