

PROPELLER LOG

|     |                       |                    |
|-----|-----------------------|--------------------|
| 1.  | Make                  | HARTZELL           |
| 2.  | Model                 | HC-C24R-1BFR/F7497 |
| 3.  | Specification No.     | P-920              |
| 4.  | Date of Manufacture   |                    |
| 5.  | Hub Serial No.        | CH43744B           |
| 6.  | Blades                |                    |
|     | (a) Design No.        | F7497              |
|     | (b) Blade Serial Nos. |                    |
|     | (i)                   | K73383             |
|     | (ii)                  | K73393             |
|     | (iii)                 |                    |
|     | (iv)                  |                    |
|     | (v)                   |                    |
| (c) | Pitch Setting         |                    |
|     | (i) Basic             |                    |
|     | (ii) High             |                    |
|     | (iii) Low             |                    |
|     | (iv) Reverse          |                    |

| DATE            | TIME RUN |      | TOTAL TIME SINCE OVERHAUL |      | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTS, INSPECTIONS, AND REPAIRS. |
|-----------------|----------|------|---------------------------|------|--------------------------------------------------------------------------------------------|
|                 | HRS.     | MIN. | HRS.                      | MIN. |                                                                                            |
| BROUGHT FORWARD |          |      |                           |      |                                                                                            |
| JULY 11 2008    |          |      | 0                         | 0    | PROPELLER INSTALLED NEW ON DA 40                                                           |
|                 |          |      | 5                         | 4    | HOURS BROUGHT FORWARD                                                                      |



Date 7-31-2009 HOBBS 144.1 S/N 40.972 N Number 194TS  
 Tach 104.2 TT  TTSN  TTSMOH   
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other

### PROPELLER

C/W a 100 hour Inspection I/A/W Diamond service manual. Inspected prop for nicks and dents. Dressed prop leading edges. All ADs C/W up through bi-weekly 2009-15. This prop was found to be in an airworthy condition at the time of inspection.

END

Frank Worden  
 A&P# 3140872

### ANNUAL INSPECTION

I certify that this aircraft was inspected I/A/W annual inspection as per Diamond service manual and found to be in an airworthy condition at this time. ADs checked through 2009-15.

END

Scott Merrill  
 A&P# 2766362IA



Date 7/16/10 P/N HC-C2YR-1BFP/F7497 S/N CH43744B N Number 194TS  
 Tach 163.6 Hobbs 219.9 TT  TTSMOH   
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other

### PROPELLER

Performed 100 hour inspection per Diamond maintenance manual AMM60201. Inspected prop for nicks and dents. ADs C/W up through bi-weekly. I certify that this propeller has been inspected I/A/W an ANNUAL inspection checklist and found to be in an airworthy condition at this time.

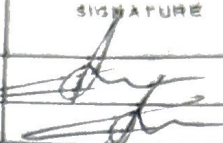
END

Scott Merrill  
 A&P# 2766362IA

|                             |  |  |
|-----------------------------|--|--|
| TOTAL THIS PAGE             |  |  |
| TOTAL FROM PREVIOUS SUMMARY |  |  |
| TOTAL SINCE MFG.            |  |  |

# MAINTENANCE RECORD

1

| REPAIRS, ADJUSTMENTS, MODIFICATIONS<br>KNOW & DISCREET LINE THROUGH IN USED LINES IN DATE AND TIME COLUMNS. | SIGNATURE                                                                           | LICENCE NUMBER |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
| AS PER IATA SIC NO SA02476(LH-D)                                                                            |  | DA<br>0 20     |
|                                                                                                             |                                                                                     | DA<br>0 20     |



Date 8/16/2011 P/N HC-C2YR-1BFP/F7497 S/N CH43744B N Number 194TS  
 TIS 265.7 Hobbs 340.5 TTSN \_\_\_\_\_ TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other \_\_\_\_\_  
**PROPELLER**

Performed 100 hour inspection per Diamond maintenance manual AMM60201. I certify this propeller has been inspected I/A/W an **annual** inspection found to be in an airworthy condition at this time. ADs checked through bi-weekly.

END



Scott Merrill  
A&P# 2766362IA



Date 9/17/2012 P/N HC-C2YR-1BFP/F7497 S/N CH43744B N Number 194TS  
 TIS 314.6 Hobbs 402.4 TTSN 314.6 TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other \_\_\_\_\_  
**PROPELLER**

Performed 100 hour inspection per Diamond maintenance manual AMM60201. I certify this propeller has been inspected I/A/W an **annual** inspection found to be in an airworthy condition at this time. ADs checked through bi-weekly.

END

  
 Scott Merrill  
A&P# 2766362IA



Date 4/23/14 P/N HC-C2YR-1BFP/F7497 S/N CH43744B Tail Number 194TS  
 TIS 339.1 Hobbs 437.5 TTSN 339.1 TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other \_\_\_\_\_  
**PROPELLER**

Inspected hub and spinner assembly. I certify this propeller has been inspected I/A/W an **annual** inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly.

END

  
 Scott Merrill  
A&P#2766362IA

# PROPELLER SERVICE AND

| DATE            | TIME RUN |      | TOTAL TIME SINCE OVERHAUL |      | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR |
|-----------------|----------|------|---------------------------|------|--------------------------------------------------------|
|                 | HRS.     | MIN. | HRS.                      | MIN. |                                                        |
| BROUGHT FORWARD |          |      |                           |      |                                                        |

**AIR SPEED AVIATION**

Date 5/09/15 P/N HC-C2YR-1BFP/F7497 S/N CH43744B  
 TIS 339.1 Hobbs 437.5 TTSN 339.1 Tail Number 194TS  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
**PROPELLER** TTSMOH

Inspected hub and spinner assembly. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly.

END

Scott Merrill  
A&P#2766362IA

**AIR SPEED AVIATION**

Date 8/19/16 P/N HC-C2YR-1BFP/F7497 S/N CH43744B  
 TIS 348.1 Hobbs 450.4 TTSN 348.1 Tail Number 194TS  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
**PROPELLER** TTSMOH

Inspected hub and spinner assembly. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly.

END

Scott Merrill  
A&P#2766362IA

**AIR SPEED AVIATION**

Date 9/19/17 P/N HC-C2YR-1BFP/F7497 S/N CH43744B  
 TIS 378.6 Hobbs 492.1 TTSN 378.6 Tail Number 194TS  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
**PROPELLER** TTSMOH

Inspected hub and spinner assembly. Dressed prop blades as necessary. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly, 2017-17

END

Scott Merrill  
A&P#2766362IA

TOTAL THIS F  
TOTAL FRC  
PREVIOUS SUMM  
TOTAL  
SINCE MFG.

# MAINTENANCE RECORD

2

SIGNATURE  
LICENCE  
NUMBER



Date 11/10/18 P/N HC-C2YR-1BFP/F7497 S/N CH43744B Tail Number 194TS  
TIS 393.0 Hobbs 512.8 TTSN 393.0 TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
PROPELLER

Inspected hub and spinner assembly. Dressed prop blades as necessary. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly

END  
  
Scott Merrill  
A&P#2766362IA



Date 01/13/20 P/N HC-C2YR-1BFP/F7497 S/N CH43744B Tail Number 194TS  
TIS 413.2 Hobbs 541.3 TTSN 413.2 TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
PROPELLER

Inspected hub and spinner assembly. Dressed prop blades as necessary. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly

END  
  
Scott Merrill  
A&P#2766362IA



Date 31/15/2021 P/N HC-C2YR-1BFP/F7497 S/N CH43744B Tail Number 194TS  
TIS 429.7 Hobbs 564.1 TTSN 429.7 TTSMOH \_\_\_\_\_  
☐ 100 Hr ☒ Annual ☐ Repair ☐ Other  
PROPELLER

Inspected hub and spinner assembly. Dressed prop blades as necessary. I certify this propeller has been inspected I/A/W an annual inspection and found to be in an airworthy condition at this time. ADs checked through bi-weekly

END  
  
Scott Merrill  
A&P#2766362IA

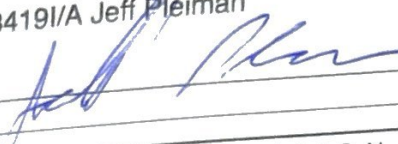
# PROPELLER LOG

|          |           |              |          |
|----------|-----------|--------------|----------|
| Date     | 1/10/2023 | S/N          | CH43744B |
| Reg      | 100       | Manufacturer | Hartzell |
| Make     | 100       | Tach         | 654.7    |
| Hobbs    | 856.8     | Prop C/N     | 100      |
| Prop Mod |           | C/N          | 100      |

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM as a guide.

I certify that this propeller has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P33034191/A Jeff Pleiman

Signed: 

WWW.STEELAVIATION.COM

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using manufactures MM as a guide.

I certify that this propeller has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P33034191/A Jeff Pleiman

Signed: 

WWW.STEELAVIATION.COM

wo: WO\_180



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

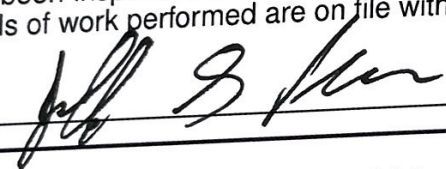
N194TS  
HOBBS: 856.8

HARTZELL, HC-C2YR-1BFP, S/N: CH43744B  
TACH: 654.7

February 15, 2023

C/W 100 hour Inspection in accordance with FAR 43 Appendix D using DIAMOND AMM as a guide.

I certify that this Propeller has been inspected in accordance with a (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_180.

Jeff Pleiman A/P I/A 3304319 

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

↑  
Tach 919.2  
100  
1019.2

# MAINTENANCE RECORD

3

wo: WO\_312

Steel Aviation 53 North Street Ext Phillipsburg, Ohio 45354 937 332 7587

**HARTZELL, HC-C2YR-1BFP, S/N: CH43744B**  
TACH: 731.8

**N194TS**  
HOBBS: 954.4

**September 26, 2023**

1. C/W Annual Inspection in accordance with FAR 43 appendix D using Hartzell 115N as a guide.
2. Greased prop with aeroshell 5.

I certify that this Propeller has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_313.

Jeff Pleiman A/P I/A 3304319

wo: WO\_410

Steel Aviation 53 North Street Ext Phillipsburg, Ohio 45354 937 332 7587

**HARTZELL, HC-C2YR-1BFP, S/N: CH43744B**  
TACH: 824.1

**N194TS**  
HOBBS: 1071.2

**February 03, 2024**

1. C/W Annual Inspection in accordance with FAR 43 Appendix D using - Hartzell manual 115N as a guide.
2. Balanced prop using DSS Micro vibe 2 prop balancer. Installed 21.5 grams at location 150 degrees.

I certify that this Propeller has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_410.

Jeff Pleiman A/P I/A 3304319

wo: WO\_495

Steel Aviation 53 North Street Ext Phillipsburg, Ohio 45354 937 332 7587

**Hartzell, HC-C2YR-1BFP, S/N: CH43744B**  
TACH: 919.2

**N194TS**  
HOBBS: 1189.5

**May 15, 2024**

1. C/W 100 hour Inspection in accordance with FAR 43 Appendix D using DIAMOND AMM as a guide.

I certify that this PROPELLER has been inspected in accordance with an (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_495.

Jeff Pleiman A/P I/A 3304319

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

# PROPELLER SERVICE AND

| DATE            | TIME RUN |      | TOTAL TIME SINCE OVERHAUL |      | NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION |
|-----------------|----------|------|---------------------------|------|-------------------------------------------------------------------|
|                 | HRS.     | MIN. | HRS.                      | MIN. |                                                                   |
| BROUGHT FORWARD |          |      |                           |      |                                                                   |

WO: WO\_569



Propeller 100 hour - page 1 of 1

Steel Aviation - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

**N194TS**  
HOBBS: 1268.0

**Hartzell, HC-C2YR-1BFP, S/N: CH43744B**  
TACH: 1018.6

September 30, 2024

C/W 100 hour Inspection in accordance with FAR 43 Appendix D using DIAMOND AMM as a guide.

I certify that this PROPELLER has been inspected in accordance with an (100 hour) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_569.

Jeff Pleiman A/P I/A 3304319

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.



**Diamond**

Hartzell Propeller serviced IAW Hartzell Propeller's Owner's Manual Maintenance Practices 61-00-15 Rev. 13.  
Hartzell Propeller installed as per STC No. SA02476CH-D  
FAA AD 2006-18-15 - Propeller Hub, initial and repetitive eddy current inspection (ECI) - Applicable by S/N, see AD.  
**Bi-weekly AWD check carried out to current revision 2008-15**  
The maintenance described above has been performed in accordance with applicable standards of airworthiness.  
**DIAMOND AIRCRAFT**

DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL #15

Signature

Lic or Stamp DA

## PROPELLER

AD 2006-1815 not applicable by s/n suffix "B"

~~END~~

Scott Merrill  
A&P# 2766362IA