

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-C3YF-1RF/F8068

PROPELLER S/N QG1839B

LOGBOOK # 1

# PROPELLER MAINTENANCE RECORD

Position Front

## PITCH RANGE

Propeller Model PHC-C34F-12F/F80108

High/Feather 35.5

Propeller S/N QG1839B

Start Lock NA

Blade Design Scimitar 3-Blade

Low 12

## Blade S/N's

Reverse NA

No. 1 M06747

No. 2 M06748

No. 3 M06750

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

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

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


Aircraft Manufacturer Beech

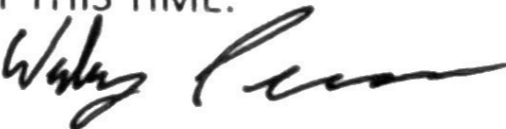
Aircraft Model V35B

S/N D-9785

Registration N4485S

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

Date	Prop TSN	Propeller Model # PHC-C3YF-1RF/F8068 S/N QG1839B	N4485S Beech V35B D-9785	Date: 02JUL2020 Tach/AFTT: 5327.68 PTTSN:0.0
		<ul style="list-style-type: none"> <li>Installed factory new Hartzell Propeller Model # PHC-C3YF-1RF/F8068 S/N QG1839B in accordance with STC # SA10135SC per installation instructions. Installed flight manual supplement in aircraft. Updated weight and balance as required, inserted into POH/AFM.</li> </ul>		
		Wesley Pearce A&P 2729740 IA 		Date: 02JUL2020

Precision Aircraft Maintenance – 4845 Lockheed Ln Unit 102 Denton, TX, 76207 – 940.367.5988 – 409.767.1158				
N4485S	BEECH V35B	D-9785	AFTT: 5376.48	TACH: 5376.48
Eng Make: Continental	Eng Model: IO-520-BB	Eng S/N: 569790	TTSMOH: 931.08	
Prop Make: Hartzell	Prop Model: PHC-C3YF-1RF/F8068	Prop S/N: QG1839B	TTSN: 48.8	
PROPELLER				
<ul style="list-style-type: none"> <li>This propeller was inspected IAW an annual inspection per FAR 43 appendix (d).</li> <li>Removed prop. Removed crankshaft seal. Cleaned off residual sealant. Installed new seal P/N 641250 with sealant and installed seal retainers. Reinstalled prop with new o-ring P/N C-3317-228.</li> </ul>				
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.				
Wesley Pearce AP 2729740 IA 		Date: 19OCT2020		

11/07/2021

TSN 276.23 HAF 5603.91

276.23

Lubricated and Inspected

I certify this propeller has been inspected  
IAW an annual inspection per FAR Part 43  
appendix (d) and was found to be in an  
airworthy condition A&P/IA 3051920

*Jeremy J. Webster*  
Jeremy J. Webster

wo: N44E5S 12-15-2022

Propeller - page 1 of 1

**R+R**

Roberts and Roberts Aircraft Service LLC  
A New Way to Aviation Maintenance

R + R Aircraft Service LLC · 10441 Stoneside Trl · Fort Worth, TX 76244 · 817-360-0810

**N4485S**

**Hartzell, PHC-C3YF-1RF, S/N: QG1839B**

**December 27, 2022**

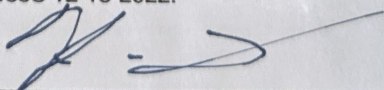
TACH: 5725.12

TSN: 397.44

- Annual Inspection Due** - Completed Detailed Inspection on the Propeller. Checking for Cracks, Leaks and Gouges in Propeller none found, and lubricated. IAW: Hartzell POM 115N.

I certify that the above work was performed in accordance with the current federal aviation regulations and referencing the current revision of the aircraft and/ or its appliances maintenance publications. The aircraft and its appliances were determined to be in an airworthy condition with respect to the work performed above and is approved for return to service. Details of work performed are on file with R + R Aircraft Service LLC under work order: N4485S 12-15-2022.

Kevin Roberts A&P IA 3936528



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

wo: N4485S 5-8-2023

Propeller - page 1 of 1



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A New Way to Aviation Maintenance*

R + R Aircraft Service LLC - 10441 Stoneside Trl - Fort Worth, TX 76244 - 817-360-0810

**N4485S**  
TACH: 5784.23

**Hartzell, PHC-C3YF-1RF, S/N: QG1839B**  
TSN: 456.55

**May 12, 2023**

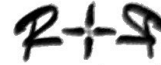
- Propeller Leaking Oil** – Removed Propeller PHC-C3YF-1RF SN: QG1839B, Removed O-Ring and Found Sludge Build-up. Cleaned and Replaced O-Ring with New PN: C-3317-228. Reinstalled Propeller PN: PHC-C3YF-1RF SN: QG1839B. Performed Leak Check. IAW: Current Hartzell POM 115 and Beechcraft Bonanza V-35 Shop Manual Section 4.

I certify that the above work was performed in accordance with the current federal aviation regulations and referencing the current revision of the aircraft and/ or its appliances maintenance publications. The aircraft and its appliances were determined to be in an airworthy condition with respect to the work performed above and is approved for return to service. Details of work performed are on file with R + R Aircraft Service LLC under work order: N4485S 5-8-2023.

Kevin Roberts A&P IA 3936528

wo: N4485S 6-6-2023

Propeller - page 1 of 1



*Roberts and Roberts Aircraft Service LLC  
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R + R Aircraft Service LLC - 10441 Stoneside Trl - Fort Worth, TX 76244 - 817-360-0810

**N4485S**  
TACH: 5797.15

**Hartzell, PHC-C3YF-1RF, S/N: QG1839B**  
TSN: 469.47

**June 10, 2023**

- Oil Leak on Propeller** – Found Propeller Leaking Oil from Forward Crankshaft Seal. Removed Propeller PN: PHC-C3YF-1RF SN: QG1839B Replaced O-Ring with PN: C-3317-228, Removed Seal Cover and Removed Forward Crankshaft Seal, Replaced Seal with PN: 641250, Reinstalled Seal Cover. Reinstalled Propeller PN: PHC-C3YF-1RF SN: QG1839B. Leak Check Good. IAW: Current Hartzell POM 115, Continental IO-520 Operators Manual and Beechcraft Bonanza V-35 Shop Manual Section Installed P/N C-3317-228 - Propeller O-Ring.

I certify that the above work was performed in accordance with the current federal aviation regulations and referencing the current revision of the aircraft and/ or its appliances maintenance publications. The aircraft and its appliances were determined to be in an airworthy condition with respect to the work performed above and is approved for return to service. Details of work performed are on file with R + R Aircraft Service LLC under work order: N4485S 6-6-2023.

Kevin Roberts A&P IA 3936528



0002409 (03-10-2025)

MAKE: Beech  
MODEL: V35B Bonanza  
S/N: D-9785  
REG. NO: N4485S  
PROP MAKE: HARTZELL  
PROP MODEL: PHC-C3YF-1RF  
PROP S/N: QG1839B



**Aerospace Instrument Support**  
1750 WESTCOURT RD  
DENTON, TX 76207

W/O #: 0002409  
DATE: 03-10-2025  
Tach: 5984.96  
PTT: 657.28  
AFTT: 5984.96  
PTSO: 0.0

**Propeller Entries**

- 3 Annual Inspection Propeller... Performed Propeller Annual Inspection IAW Hartzell Propeller Manual and Bonanza 35 Series Shop Manual. Found one blade tip leading edge to have nick 3/16 inch deep. Sent propeller out to Certified Propeller Repair Station for repair. See Item #39 for prop removal, overhaul and installation. Researched AD's through this date. I certify this Propeller has been inspected IAW an Annual Inspection and has been found to be in an Airworthy Condition and is Approved for Return to Service.

I certify that the above work was performed in accordance with the current federal aviation regulations and referencing the current revision of the aircraft and/ or its appliances maintenance publications. The aircraft and its appliances were determined to be in an airworthy condition with respect to the work performed above and is approved for return to service. Details of work performed are on file with Aerospace Instrument Support under work order.

DATE: 03-10-2025

SIGNED:

Don Amborski  
A&P IA: 3934266

WORK ORDER: 0002409

Printed by EBIS (EBISCloud.com)


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

0002409 (03-10-2025)

Page 1 / 1

MAKE: Beech  
 MODEL: V35B Bonanza  
 S/N: D-9785  
 REG. NO: N4485S  
 PROP MAKE: HARTZELL  
 PROP MODEL: PHC-C3YF-1RF  
 PROP S/N: QG1839B



**Aerospace Instrument Support**

CRS#: XI7R807J  
 1750 WESTCOURT RD  
 DENTON, TX 76207

W/O #: 0002409  
 DATE: 03-10-2025  
 Tach: 5984.96  
 PTT: 657.28  
 AFTT: 5984.96  
 PTSO: 0.0

**Propeller Entries**

39 Prop damage on leading edge and Aft side on one blade... Removed damaged Prop P/N: PHC-C3YF-1RF, S/N: QG1839B and sent out for Overhaul. Refer to Texas Aircraft Propeller and Accessories W/O # 3209, for work completed. Refer to FAA Form 8130-3, Form Tracking Number 22101. Installed Overhauled Prop P/N: PHC-C3YF-1RF, S/N: QG1839B on Beech Bonanza V35B, N4485S, S/N: D-9785 IAW current Beech Bonanza 35 Series Shop Manual and Hartzell Propeller Manual 115N, 61-00-15, Revision 28, September 2024.

I certify that the above work was performed in accordance with the current federal aviation regulations and referencing the current revision of the aircraft and/ or its appliances maintenance publications. The aircraft and its appliances were determined to be in an airworthy condition with respect to the work performed above and is approved for return to service. Details of work performed are on file with Aerospace Instrument Support under work order:

DATE: 03-10-2025

SIGNED:

Adrian Deleon  
 CRS#: XI7R807J

WORK ORDER: 0002409

Printed by EBIS (EBISCloud.com)





Date

Propeller  
TSN

A/C

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

## 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



TSPOH 41.03

Propeller Logbook Entry

PHC-C3YF-1

MRH Aero Mechanix

23-Mar-26

1496 Thousand Oaks Drive

Tach 6025.99

Decatur, TX 76234

TSNew 0698.31

N4485S

(Propeller S/N: QG1839B) ----- All applicable ADs complied with to date. See current ATP AD compliance record for details ----- I certify that this propeller has been inspected in accordance with an Annual/100 Hour Inspection per applicable sections of FAR 43 Appendix D and has been determined to be in airworthy condition. End.

Michael R. Humphrey A&amp;P 3201695 IA

**HARTZELL PROPELLER INC.**

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Piqua, Ohio 45356-2634 U.S.A.  
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