

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-C3YF-1RF/F8068

PROPELLER S/N QG1839B

LOGBOOK # 1

## PROPELLER MAINTENANCE RECORD

Position Front

Propeller Model PHC-C34F-12F/F80A8

Propeller S/N QG1839B

Blade Design Scimitar 3-Blade

Blade S/N's

No. 1 M06747

No. 2 M06748

No. 3 M06750

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

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

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

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

PITCH RANGE

High/Feather 35.5

Start Lock NA

Low 12

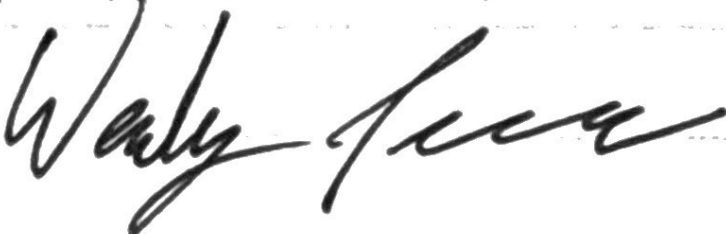
Reverse NA

Aircraft Manufacturer Beech

Aircraft Model V35B

S/N D-9785

Registration N4485S

Date	Prop TSN	Propeller Model # PHC-C3YF-1RF/F8068 S/N QG1839B		N4485S Beech V35B D-9785	Date: 02JUL2020 Tach/AFTT: 5327.68 PTTN: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

- This propeller was inspected IAW an annual inspection per FAR 43 appendix (d).
- 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.

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

27623

TSN 276.23 HAF 5603.91

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 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

1. **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&amp;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		
				<div> <div>wo: N4485S 5-8-2023</div> <div>Propeller - page 1 of 1</div> <div>  <p><i>Roberts and Roberts Aircraft Service LLC</i> A True Way to Aviation Maintenance</p> </div> <div>R + R Aircraft Service LLC · 10441 Stoneside Trl · Fort Worth, TX 76244 · 817-360-0810</div> <div> <div> <b>N4485S</b> TACH: 5784.23 </div> <div> <b>Hartzell, PHC-C3YF-1RF, S/N: QG1839B</b> TSN: 456.55 </div> <div> <b>May 12, 2023</b> </div> </div> <div> <p>1. <b>Propeller Leaking Oil</b> – 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.</p> <p>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.</p> <div> <div>Kevin Roberts A&amp;P IA 3936528</div>  </div> </div> </div>

wo: N4485S 6-6-2023

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**  
TACH: 5797.15

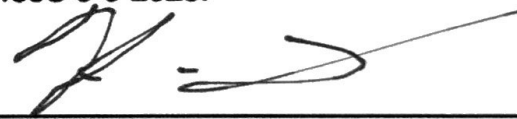
**Hartzell, PHC-C3YF-1RF, S/N: QG1839B**  
TSN: 469.47

**June 10, 2023**

1. **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



[illegible]



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:

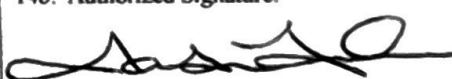
*Donald J. Amborski*  
 Don Amborski  
 A&P IA: 3934266

WORK ORDER: 0002409

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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) <span style="float: right;">Page 1 / 1</span>				
MAKE: Beech MODEL: V35B Bonanza S/N: D-9785 REG. NO: N4485S PROP MAKE: HARTZELL PROP MODEL: PHC-C3YF-1RF PROP S/N: QG1839B		 <b>Aerospace Instrument Support</b> 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
<b>Propeller Entries</b>				
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)

1. Approving Civil Aviation Authority / Country:  FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b>  FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:  22101	
4. Organization Name and Address:		TEXAS AIRCRAFT PROPELLER & ACCESS 7RDR559C  1711 CR 130 - Pearland, Texas 77581			5. Work Order/Contract/ Invoice Number:  N4485S	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
1	Propeller	PHC-C3YF-1RF	1	QG1839B	OVERHAULED	
12. Remarks: Overhauled Propeller I.A.W. Hartzell Manuals 113B, 133C, and 202A. Blade Model #: F8068 Blade S/N: (1) M06747; (2) M06748; (3) M06750 Complied with the following: Airworthiness Directive: 2007-26-09 Service Bulletin(s): 61-402; 61-118FR1; 61-136R1; 61-374R1 Service Letter(s): 61-165; 61-177; 61-212R2; 61-217; 61-244; 61-265R2; 61-267; 61-278; 61-293R1; 61-329; 61-340; 61-347; 61-348; 61-354; 61-359; 61-366; 61-372; 69						
13a. 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.			14a. <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.			
13b. Authorized Signature:		13c. Approval/ Authorization No.:		14b. Authorized Signature: 		14c. Approval/ Certificate No.: 7RDR559C
13d. Name (Typed or Printed):		13e. Date (m/d/y):  00/00/00		14d. Name (Typed or Printed):  Jason Falzon		14e. Date (dd/mm/yyyy): 24/FEB/2025



## **HARTZELL PROPELLER INC.**

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