

## Propeller Logbook

McCauley	D
Hartzell	-
MT	
Sensenich	
Dowty	D
Hamilton Standard	D

INSTALLING AGENCY PLEASE NOTE: Recording of Propeller Total Time Since New (TTSN) is Required Per F.A.R. 91.417

Lancaster Airport, 519 East Airport Road, Lititz, PA 17543 (800) 462-3412 (717) 560-3711 Fax: (717) 560-4354 FAA Certified Repair Station #QV9R194N

**SENSENICH PROPELLER SERVICE, INC.** 

Lee Gilmer Memorial Airport, 1142 Aviation Boulevard, Gainesville, GA 30501 (800) 791-7767 (770) 538-0444 Fax: (770) 538-0117 FAA Certified Repair Station #S46R346N

Windham County Airport, 21 Airport Road, North Windham, CT 06256 (877) 456-7944 (860) 456-7944 Fax: (860) 456-0410 FAA Certified Repair Station #Q0PR011X

#### FAA LOGBOOK REGULATIONS

#### 91.417 Maintenance records.

(a) Except for work performed in accordance with §§91.411 and 91.413, each registered owner or operator shall keep the following records for the periods specified in paragraph (b) of this section:

(1) Records of the maintenance, preventive maintenance, and alteration and records of the 100-hour annual, progressive, and other required or approved inspections, as appropriate, for each aircraft (including the airframe) and each engine, propeller, rotor, and appliance of an aircraft. The records must include:

(i) A description (or reference to data acceptable to the Administrator) of the work performed; and

(ii) The data of completion of the work performed; and

(iii) The signature, and certificate number of the person approving the aircraft for return to service.

(2) Records containing the following information:

(i) The total time in service of the airframe, each engine, each propeller, and each rotor.

(ii) The current status of life-limited parts of each airframe, engine, propeller, rotor, and appliance.

(iii) The time since last overhaul of all items installed on the aircraft which are required to be overhauled on a specified time basis.

(iv) The current inspection status of the aircraft, including the time since the last inspection required by the inspection program under which the aircraft and its appliances are maintained.

(v) The current status of applicable airworthiness directives (AD) including, for each, the method of compliance, the AD number, and revision date. If the AD involves recurring action, the time and date when the next action is required.

(vi) Copies of the forms prescribed by § 43.9(a) of this chapter for each major alteration to the airframe and currently installed engines, rotors, propellers, and appliances.

(b) The owner or operator shall retain the following records for the periods prescribed:

(1) The records specified in paragraph (a)(1) of this section shall be retained until the work is repeated or superseded by other work or for 1 year after the work is performed.

(2) The records specified in paragraph (a)(2) of this section shall be retained and transferred with the aircraft at the time the aircraft is sold.

(3) A list of defects furnished to a registered owner or operator under § 43.11 of this chapter shall be retained until the defects are repaired and the aircraft is approved for return to service.

NOTE: Regulations are subject to revision at any date without notice.

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# The manufacturers' FAA approved overhaul period for this propeller is \_\_\_\_\_\_ years/months or \_\_\_\_\_\_ 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 MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED SIX YEARS.



- 1. Proper maintenance of this logbook is the owner's responsibility. It is an important record designed for the owner's information and protection.
- 2. If the propeller is sold or installed on another aircraft, the logbook should be transferred with the propeller.
- 3. Is recommended that maintenance release tags and work orders be attached inside the back cover of this book. If a copy of the work order is not available, the repair station and work order numbers should be referenced in the logbook entry.



Propeller Model PHC-J31F-20F	
Blade Model FC7663DRB	
Hub Serial No. ED 4808 B	
Blade Serial No. 1 392715	
2 192718	
3 192717	
4	
5	
6	



I. Approv	ing National Authority/Country:	2.						3. Form	tracking Number:
			AUTHORIZ			CERTIFIC			08-0509
	NITED STATES zation Name and Add		ensenich Propeller Se 42 Aviation Bouleva	ervice, Inc					k Order/Contract/Invoic r: G11566
6. Item:	7. Description		8. Part Number:		ibility: *	10. Quantity:	11. Serial/Batcl	Number	12. Status/Work:
1	3 Bladed Hartz Propeller Ass		PHC-J3YF-2UF/ FC7663DRB		BV	1	ED480		Overhauled
	o, o i o i iii di 200		Thru: 52. All work eller TSN: Brought F		Hartzen Spe	Propeller TS	D: <b>-0-</b>		
		a and ar	ufactured in conformity e in condition for safe op ecified in Block 13.		Certifies that and describe	d in block 13 was	specified in Block accomplished in	accordance	
	Approved design dat	a and ar	e in condition for safe op	cration.	Certifies that and describe Federal Reg for return to	t unless otherwise ed in block 13 wa ulations, part 43 o service. ed Signature:	specified in Block accomplished in	accordance hat work, t	ork identified in Block 12 e with Title 14, Code of he items are approved
15. Author	Approved design dat: Non-approved design	a and ar	e in condition for safe op ecified in Block 13.	cration.	Certifies that and describe Federal Reg for return to 20. Authorize	t unless otherwise ed in block 13 wa ulations, part 43 o service. ed Signature:	e specified in Block s accomplished in and in respect to t	accordance hat work, t 21. A S46E	rk identified in Block 12 with Title 14, Code of
/   1 15. Author 17. Name	Approved design data Non-approved design rized Signature: (Typed or Printed):	a and ar data sp	e in condition for safe op ecified in Block 13. 16. Approval/Author 18. Date (m/d/y):	rization No.	Certifies that and describe Federal Reg for return to 20. Authorize 22. Name (Ty C .Neal Jo ER RESPON	t unless otherwise ed in block 13 wa ulations, part 43 o service. ed Signature: www. yped or Printed): nes NSIBILITIES	e specified in Block s accomplished in and in respect to t	accordance hat work, t 21. A S46F 23. Da	he items are approved pproval/Certificate No.: 8346N ate (m/d/y): 7/9/08

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Sensenich Propeller Ser 1142 Aviation Bouleward G	vice, Inc.
1142 Aviation Boulevard Gainesvi Phone (770)538-0444 Fax (770)538-0117 www	lle, Ga. 30501
7/9/08	w.sensenicnpropellers.com
	Work Order Number: G11566
Propeller Model: PHC-J3YF-2UF/FC7663DRB	Hub Serial No: ED4808B
Blade S/N's: J92715	ED4808B
J92718	1-1 ag
	101
Blade Angles: Low: 15.3 Latch: 20.8	t an materiching
	Feather: 84.0
Propeller TSN: Brought Forward	Propeller TSO: -0-
Disassemble, Service, Zyglo, Magnaflux, Assemble, Se	t Plade Analy OL 1 P
and Balanced. Overhauled. All Work Done I.A.W. H	artzell Specifications
	Neal Jones
	pair Station S46R346N
	Dair Station S46R346N

10.000

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
3007	3,08	'D'	Prop reinstal	led on Baron
559	on mete	۲ <u>,</u>	N58TF per Bee	
			s certify that this aircraft inspected in accordance with	
			ed to be in air worthy condi	HYBPAI
71	-1 20		Manuel That Internet	1 Laigeapte
692	107 For meter	<b></b>	fortify that this alreraft inspected in accordance wit	has been
001	on meic		ad to be in air worthy cond	loters19
			Balder D'Ne DPF	48489AJ
	3		Adhony	ad landarr.

### SERVICE HIST

Eagles Of America 3905 Newton Rd Ste 111 Albany, GA 31701

Date	Total Propeller Time	Time Since Overhaul	Description of Work Albany, GA 31701
10-15-10	295.1	295.1	PERFORMED A LOO hA iNSPECTION per HARTJell &
			BEECHCAAFT SURVICE INSTRUCTIONS, DRESSED ALL BLADES
			AND IUBARATED THE HUB, PROUND TEST SATISFACTORY
		1 1 1 1	DATE / 0-15-10 TOTAL AIRCRAFT THE 5679
			TACK / HOBBS REALING 849.
			I CERTIFY THAT THIS PROVING
			HAS BEEN INSPECTED IN ACCORDANCE
			WITH AN ANNUAL INSPECTION AND WAS
			CONDITION AS OF THIS DATE
		*	10) jui R. Joser
			WILLIAM R. ACKER
			A&P 257689405 LA
		×.	

Service and the same

Date	Total Propeller Time	Time Since Overhaul	Description of	of Work	Authorized Signatures	
		Since Overhaul	EXERCISE 1/3/2013 58P Sn TJ292 ell PHC-J3YF-2UF From all to be in air to Solo Control to the second Solo Con	Southwest Georgia 3905 Newton Road Albany, GA 31701 N58TF sn ED808B on using Hartzell & essed all blades, lu ed de ice boots & to ad the propeller for his date via ATP	Regional Airport Suite 111 229.434.9177 Hobbs 1137.4 (RIGHT) Beechcraft service instruction ubricated the hub & inspected brushes. Ground run found return to service.	
				Willia	m R. Acker ap 257689405 IA	

1. Approving National   2.     Aviation Authority/Country:   2.     FAA / UNITED STATES   2.     AUTHORIZED RELEASE CERTIFICATE     FAA / UNITED STATES								3. Form tracking <u>Number</u> 13-0922	
4. Organization Name and Address: Sensenich Propeller Service, Inc 1142 Aviation Boulevard, Gainesville, Ga. 30501							5. Work Order/Contract/Invoice Number: G18003		
6. Item:	7. Description:	8. Part Number:	1 H	ibility: *	10. Quantity:	11. Serial/Batch N	umber	12. Status/Work:	
1	Hartzell 3-Blade	PHC-J3YF-2UF/ FC7663DBB	N	//A	1	ED4808B		Repair	
13. Rem	arks: Remove Cylinder	, Inspect Latches, Insta	all Cylinder,	Set Angles.	All work don	e in accordance w	vith Har	tzell Specifications.	
		peller TSN: Brought I				TSO: Unknown			
14. Certifies the items above were manufactured in conformity to:   19. ≥ 14 CFR 43.9 Return to Service □ Other regulation specified in Block 13.     □ Approved design data and are in condition for safe operation.   19. ≥ 14 CFR 43.9 Return to Service □ Other regulation specified in Block 13.     Certifies that unless otherwise specified in Block 13, the work identified in Block 14.   Certifies that unless otherwise specified in Block 13, the work identified in Block 14.     Non-approved design data specified in Block 13.   Pederal Regulations, part 43 and in respect to that work, the items are approved for return to service.						ork identified in Block 12 e with Title 14, Code of the items are approved			
15. Autho	orized Signature:	16. Approval/Author	ization No.	20. Authoriz	ed Signature:	to	21. A S46R	pproval/Certificate No.: 346N / EASA_145.6252	
17. Name	(Typed or Printed):	18. Date (m/d/y):		22. Name (T Daniel La	yped or Printed): ndis		and the second second	ate (m/d/y): 31, 2013	
(p) and the		USER/	INSTALLI	ER RESPO	SIBILITIES				
It is important to understand the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 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 can be flown.									
and the second se	m 8130-3 (6-01)	*Installer must cro	ss-check el	igibility with	applicable tec	hnical data.	NSN	1: 0052-00-012-9005	

Ime Since Overhaul Description of Work Authorized Signatures 3-11-13 HORAS Mours THis Propeller From Right To left Position For Testing of Esgine ail Pressure TRANSFOR UNIT ON Right ENGINE 1150.6 Tojection Delan A/P2 57689405 ENGLES of Inc. Southwest Georgia Regional Airport 3905 Newton Road, Suite 111 Albany, GA 31701 229.434.9177 DATE: 11/01/13 N58TF Beech 58P sn TJ292 Hobbs 1230.5 Hartzell PHC-J3YF-2UF sn ED4808B Removed & reinstalled this propeller after repairs by Sensenich Propeller Service, Inc Ground run to operating temprature found operation satisfactory, no leaks noted. Released the aircraft for return to service

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Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
	DATE: 3/3/14 DATE: 3/3/14 Beechcraft 58 Hartzell PHC Performed 100 instructions. D spinner compo run, no defects I certify that th	South 3905 Alban N58TF P S/N: J3YF-2UF S/N: Ohr Inspection using H ressed all blades, lub onents. Inspected deid s noted. Return to ser is Propeller has been tion and was found to	TJ292 TSPOH: 699.4 ED4808B lartzell and Beechcraft service ricated hub and inspected all ce boots and brushes. Ground	

Date	Total Propeller Time	Time Since Overhaul	Description of Work		Authorized Signatures
	Perform instruct spinne run, no l certifi	II PHC-J3YF-2UF med 100hr inspection tions. Dressed all blac r components. Inspecto leaks or defects note y that this Propeller ha	des, lubricated hub a cted deice boots and ed. Return to service. as been inspected in found to be in a airwo	Suite 111 229.434.9177 Hobbs: 1328.0 TSPOH: 774.0 eechcraft service nd inspected all brushes. Ground	

1.200

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
Mo Ser I ce con Wo CF	ertify that this propeller dition.	has been inspected in ompleted an ANNUAL the Beech Baron 58P	TAL MOTORS SERVICES rhope, AL 36532 251-990-5080 FAA Repair Station accordance with an annual inspection and inspection in accordance with the scope an and 58TC Maintenance Manual 100-Hour B: Mand Mandal 100-Hour B: Mand Mandal 100-Hour	d detail of the items listed in 14

		N58TF - Hartzell PHC-J3YF-
AMERICAInc,	Moultrie Municipal Airport 189 Airport Drive Moultrie, GA 31768	2UF/FC7663DRB S/N ED4808B PMOH: 877.70- Hobbs: 1431.7
#5, inspected propeller de-ice boots nitrogen; reinstalled spinner. Ground under work order: WO1383. No oth an annual checklist. I CERTIFY TH AN ANNUAL INSPECTION AND	red spinner to inspect hub & bulkhead assembly and electric brushes, dressed any small nicks, s d check, OK. Details of work performed are on her applicable AD's as of this date. All work per IAT THIS <b>PROPELLER</b> HAS BEEN INSPECT WAS DETERMINED TO BE IN AIRWORTH P IA 3742491 February 5, 2018	erviced accumulator with dry file with Eagles of America Inc. rformed IAW applicable ICA's & TED IN ACCORDANCE WITH
AMERICAINC. 189 A Moult 229.8	es of America Inc. N58TF hirport Drive Hartzell trie, GA 31768 PHC-J3YF-2UF/FC7663DRB 190.9464 S/N: ED4808B 190.9464 assemble oved spinner to inspect hub & bulkhead assemble and electric brushes, dressed any small nicks, se	Tach: Hobbs: 1473.7 TSN: SMOH: 919.7 bly, lubricated hub with Aeroshell erviced accumulators with dry
#5, inspected propeller de-ice boots a nitrogen; reinstalled spinner.	and electric brushes, dressed any small meas, s	
No other applicable AD's as of this	performed are on file with Eagles of America In date. All work performed IAW applicable ICA ER HAS BEEN INSPECTED IN ACCORDAN INED TO BE IN AIRWORTHY CONDITION	CE WITH AN ANNUAL

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A REAL PROPERTY AND A REAL

ate	DATE:     11/18/2020     MODEL:     58P     S/N:     TJ-292     TT:     6,230.3     HM:     1,490.3       LEFT PROPELLER:     PHC-J3YF-2UF     S/N:     ED4808B     PTSN:     936.3     3
	Completed 100-hr/Annual Inspection with lubes per FAR 43 appendix D and HBC MM 5-20-00 as guide I CERTIFY THAT THIS <u>PROPELLER</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100-</u> HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
	AND IS APPROVED FOR RETURN TO SERVICE.
	SIGNED N PULL R. Karl Trenor A&P 2834048 IA
AIRC	KRUQ- Rowan County Airport 3680 Airport Loop Rd Salisbury, NC 28147 (704) 310-1421
Date:	Hartzell   Reg: N58TF   SN:ED4808B   Page 1 of 1     3/24/2022   Model: PHC-J3YF-2UF   Hobbs: 1498.7   ATT: 6238.7   TSN: 944.7     3/24/2022   Model: PHC-J3YF-2UF   Hobbs: 1498.7   ATT: 6238.7   TSN: 944.7     ropeller: Performed 100 inspection on this propeller. Visual inspected blades and hub, no defects or damage were noted.
:l certi condit	ify this Propeller has been inspected in accordance with a 100 hour Inspection and was determined to be in airworthy

BOSS	KRUQ- Rowan County Airport	
DUSS	3680 Airport Loop Rd	
0-	Salisbury, NC 28147	
AIRCRAFT		ſ
REALINECHAILOC	(704) 310-1421	-
Make: Hartzell Reg: N58TF	SN:ED4808B Page 1 of 1	me: 6281.4 TIN: 987.4 Authorized Signatures
Date: 05/03/2023 Model: PHC		111C. 0201.4 1111. 507.4
Left Propeller: Performed 100 ins	pection on this propeller. Visual inspected blades and hub,	no defects or damage were noted.
Work with reference to Beechcraf	Baron 58P and 58TC Maintenance Manual Hartzell Inform	ation Manual.
	1.0 6 1.41	Mulla
	DV. Alle Muns	AP227863044IA
certify this Propeller has been in	spected in accordance with a 100 hour Inspection and was	determined to be in airworthy
condition.	1 6 1.01	Aucht
	White thus	047 UTT/A AP227863044IA
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