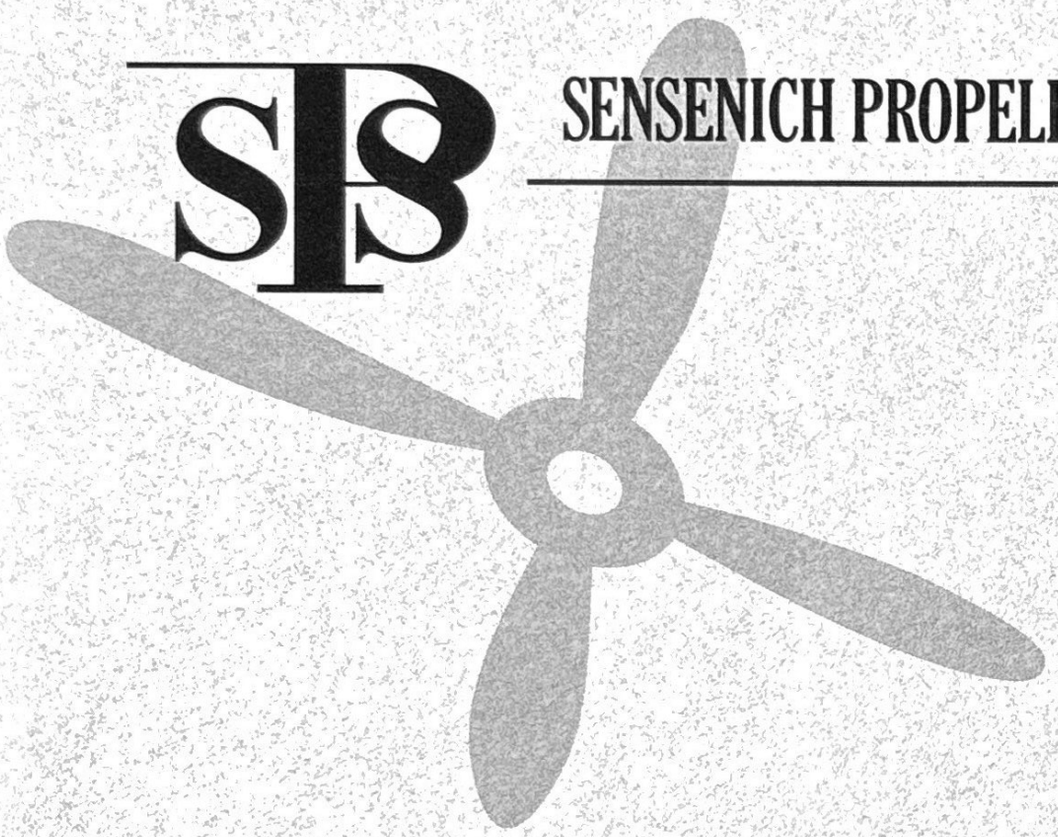
SENSENICH PROPELLER SERVICE, INC.



Propeller Logbook

- McCauley ☐
- Hartzell ☑
- MT ☐
- Sensenich ☐
- Dowty ☐
- Hamilton Standard ☐

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

Lee Gilmer Memorial Airport, 1245 Palmour Place, Suite A, Gainesville, GA 30501 (800) 791-7767 (770) 538-0444 Fax: (770) 538-0117 FAA Certified Repair Station #S46R346N

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.

The manufacturers' FAA approved overhaul period for this propeller is 6 years/~~months~~ or 2400 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 <u>STRONGLY</u> RECOMMENDED ALL PROPELLERS MINIMALLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED SIX YEARS.

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position

1. Approving Civil Aviation Authority / Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form tracking Number:
FAA / UNITED STATES		21-0223
4. Organization Name and Address: Sensenich Propeller Service, Inc. 1245 Palmour Place Suite A, Gainesville, Ga. 30501-6862		5. Work Order/Contract/Invoice Number: G27296

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell 3-Bladed Propeller Assembly	HC-C3YR-1RF/ F8068	1	DY5698B	Overhauled

12. Remarks: Blade S/Ns: L27561, L27560, L27566. Manuals: 113B R-47, 133C R-39 & 202A. Comply with S/Bs Thru: 391, S/Ls Thru: 367, S./Is Thru: 214, S/As Thru: 52. All work done in accordance with Hartzell Specifications. This 8130-3 certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6252.

Propeller TSN: **Unknown** Propeller TSO: **-0-**

13a. Certifies the items above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ 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.: S46R346N
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Daniel Landis	14e. Date (dd/mmm/yyyy): 22 Mar 2021

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)/articles(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

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures

SP

Sensenich Propeller Service, Inc.
1245 Palmour Place Suite A Gainesville, Ga. 30501
Phone (770)538-0444 www.sensenichprops.com

22 Mar 2021

Invoice Number: **G27296**

Propeller Model: **HC-C3YR-1RF/F8068**

Hub Serial No: **DY5698B**

Blade S/Ns: **L27561**
L27560
L27566

Blade Angles: Low **14.0** High **32.0**

Propeller TSN: **Unknown** Propeller TSO: **-0-**

Disassemble, Service, Zyglo, Magnaflux, Assemble, Set Angles, Check Track and Balanced - Overhaul. All Work Done In Accordance With Hartzell Specifications.

Daniel Landis
Repair Station S46R346N

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			PropellerHC-C3YR-1RF/F8068 s/n DY5698B 4/2/21 Tach time 6813.2 TotalSMOH 0.0 Completed 100hr inspection. Installed Overhauled propeller On aircraft N737TS see Sensenich W/O G27296. Above approved for return to service. Craig Easter A&P 3555683	

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			N737TS 1979 Cessna TR182 SN#R18200882 Date:12/20/2022 Tach: 6830.9 Lycoming 0-540-L3C5D s/n L-20422-40A SMOH: 17.7 ETT: 2988.9 TTAF: 6830.9 Prop: Hartzell 3-Bladed Propeller Part Number: HC-C3YR-1RF/F8068 SN-DY5698B PSMOH 17.7 Inspected IAW FAR43 appendix D Checklist. "I certify this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition." Carlos E Santos III **AP 3534160 IAx** **ATTITUDE AVIATION, Inc., 299 W. Jack London Blvd, Livermore, CA 94551 Ph. 925-456-2276 Email: info@attitudeaviation.com**	

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			N737TS propeller log	
			4/23/24 TT 6841.9 Complete 100hr inspection. Above approved for return to service.	
			Craig Easter A&P 3555683	