~~N31151~~
N232CB

Propeller Logbook

SENSENICH PROPELLER SERVICE, INC.

- 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 Gilmore 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.

The manufacturers' FAA approved overhaul period for this propeller is 72 years/months or 2000 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.

USE OF LOGBOOK

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 B2D34C207

Blade Model 78TCA-0

Hub Serial No. 764019

Blade Serial No. 1 K59301

2 K59353

3

4

5

6

SERVICE HISTORY

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

Sensenich Propeller Service, Inc.
1142 Aviation Boulevard Gainesville, Ga. 30501
Phone (770)538-0444 Fax (770)538-0117 www.sensenichpropellers.com

6/1/04 Work Order Number: **G06745**

Propeller Model: **B2D34C207/78TCA-0** Hub Serial No: **764019**

Blade S/N's: **K59301**
K59353

Blade Angles: Low: **13.0** High: **27.7**

Propeller TSN: **Brought Forward** Propeller TSO: **-0-**

Disassemble, Service, Magnaflux, Zyglo, Assemble, Check Track, Set Angles, Balance - Overhaul. All work done in accordance with McCauley Specification.

Daniel Landis
Repair Station S46R346N

1. Approving National Aviation Authority/Country: FAA / UNITED STATES	2. [redacted] **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWOTHINESS APPROVAL TAG	3. Form tracking Number: 04-291
4. Organization Name and Address: Sensenich Propeller Service, Inc. 1142 Aviation Boulevard, Gainesville, Ga. 30501 770/538-0444		5. Work Order/Contract/Invoice Number: G06745

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number	12. Status/Work:
1	McCauley 2-Blade Propeller Assembly	B2D34C207/ 78TCA-0	TBV	1	764019	Overhaul

13. Remarks: Blade S\N's: K59301 & K59353. Manuals: 780630 R-6, SPM100-1 R-1, BOM100-1 R-1. S/B: Thru 246C. S/L: Thru 2004-1. All work done in accordance with McCauley Specifications.

Propeller TSN: **Brought Forward** Propeller TSO: **-0-**

14. 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 13.

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 12 and described in block 13 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.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.: S46R346N
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Daniel Landis	23. Date (m/d/y): 6/1/04

USER/INSTALLER RESPONSIBILITIES

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 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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data NSN: 0052-00-012-9005

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
8-7-04	1975.2	-0-	Tach 1975.2	
	Propeller reinstalled on Engine S/N L-16019-51A			
	After overhaul. I Certify this Propeller was			
	inspected in Accordance with AW Annual inspection			
	And found Airworthy			
			James J. Moore	
			A+P 2539699 RTA	

SERVICE HISTORY

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

Georgia Flight Services
15200 Airport Rd. Oxford, GA 30054
(770) 787-0096

REG: **N34451** ENG.MODEL: **IO-360-A1B6D**
SERIAL:**177RG0998** ENG.SERIAL: **L-16019-51A**
HOBBS: 227.3 TTAF: **2004.0**
TACH: **2004.0** DATE: **NOV.1/2005** ENG TT: **28.8** propTT:**28.8**

PROPELLER

Complied with annual inspection in accordance with the Cessna 177RG maintenance manual. Dressed and painted propeller. Checked propeller bolts for proper torques. No defects noted. I certify that this propeller was inspected I/A/W annual inspection and is to be determined in airworthy condition.

Fernando J. Dos Santos
A&P/IA 2881920

AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 3/01/2007; Aircraft: N232CB; Type: CESSNA 177RG; S/N: 0998; Tach: 2089.00

PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH MANUFACTURER'S SERVICE MANUAL.
PROP SERVICED AS NEEDED.
REMOVED, REPACKED, SECURED AND ADJUSTED PROP CABLE AND MOUNTING BRACKET.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection.
Pertinent details of the repair are on file at this repair station under WORK ORDER NO. 90041PROP
I certify that this Propeller has had an ANNUAL INSPECTION and is airworthy at this time.

Signed CRS#XR5R175Y
(Signature of authorized representative)

Y

Authorized Signatures

AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 4/01/2008; Aircraft: N232CB; Type: CESSNA 177RG; S/N: 0998; Tach: 2159.60

PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH MANUFACTURER'S SERVICE MANUAL.
PROP SERVICED AS NEEDED.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection.
Pertinent details of the repair are on file at this repair station under WORK ORDER NO.08142PROP
I certify that this Propeller has had an ANNUAL INSPECTION and is airworthy at this time.

Signed CRS#XR5R175Y
(Signature of authorized representative)

AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 4/15/2009; Aircraft: N232CB; Type: CESSNA 177RG; S/N: 0998; Tach: 2224.70; Work Done At - Airframe Time: 2224.70,

P/N: B2D34C207 S/N: 764019

PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH MANUFACTURER'S SERVICE MANUAL.
PROP SERVICED AS NEEDED.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection.
Pertinent details of the repair are on file at this repair station under WORK ORDER NO.09119PROP
I certify that this Propeller has had an ANNUAL INSPECTION and is airworthy at this time.

Signed CRS#XR5R175Y
(Signature of authorized representative)

Y

Authorized Signatures

AIR REPAIR

AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Y

Authorized Signatures

Date: 5/03/2011; Aircraft: N232CB; Type: CESSNA 177RG; S/N: 0998; Tach: 2403.60; Work Done At -
Airframe Time: 2403.60,
B2D34C207 S/N: 764019

PERFORMED ANNUAL INSP IN ACCORDANCE WITH MANUFACTURER'S SERVICE MANUAL.PROP SERVICED AS NEEDED.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return for service for the work performed. ELT has been inspected IAW FAR 91.207 Par (d) and meets the requirements of this inspection. Pertinent details of the repair are on file at this repair station under WORK ORDER NO.11-0145PROP
I certify that this Aircraft has had an ANNUAL INSPECTION and is airworthy at this time.

Signed CRS#XR5R175Y
(Signature of authorized representative)

Aviation Plus LLC
262-656-1260
aviationpluslic.com

05/22/2012 N232CB Tach 2523 TTP 2523 SPOH 547
All routine items checked per inspection sheets. I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Robert Russell 3411885 IA

N232CB

SpanaFlight
16705 103rd Ave.Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Cessna
A Textron Company

May 10, 2013 TACH: 2632.11 TAT: 2632.11 Prop 9yrs TSMO: 656.11 TPT: 2632.11
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Signature _____ A&P no 3648044 IA

N232CB

SpanaFlight
16705 103rd Ave.Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Cessna
A Textron Company

March 28, 2014 TACH: 2733.84 TAT: 2733.84 Prop 10yrs TSMO: 757.84 TPT: 2733.84
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Signature _____ A&P no. 3678047A

Northwest Propeller Service, Inc. Puyallup, WA 98374
REPAIR STATION No. IT6R625N

W/O 26346 Mfg: McCauley Model: B2D34C207 S/N: 764019
TACH: 2762.70
Installed propeller on ONLY position of aircraft N232CB
per McCauley manual MPC 26 REV.3 NO LEAKS FOUND.
_____ 12/15/14 #2803195
Mechanic Date Cert. No.

Northwest Propeller Service, Inc. Puyallup, WA 98374
REPAIR STATION No. IT6R625N

W/O 26346 Mfg: McCauley Model: B2D34C207 S/N: 764019
TACH: 2762.70
Removed propeller on only position of aircraft
N232CB per McCauley manual MPC 26 Rev. 3.
_____ 12-2-14 AP3608321
Mechanic Date Cert. No.

This propeller has been Dynamically Balance I.A.W. AW9511-2. 30.0 grams of weight installed at the 3:00 o'clock position. Final Balance 0.05 I.P.S.
TACH: 2762.70
A/C N232CB W/O 26346 Date 12/19/2014
Mechanic: _____ #2803195
Northwest Propeller Service, Inc.
FAA Repair Station # IT6R625N

Northwest Propeller Service, Inc.
16607 103rd Ave. Ct. E.
Puyallup, WA 98374
REPAIR STATION No. IT6R625N

W/O 26346, Mfg.: McCauley, Model: B2D34C207, S/N: 764019

Repair: Disassembled, cleaned, painted blades, assembled, lubed, and balanced propeller per MCP200 Rev.1.
Ken Shisler 11/DEC/2014
Inspector
Cert. No. 2642558

N232CB

SpanaFlight
16705 103rd Ave.Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Cessna
A Textron Company

March 18, 2015 TACH: 2769.56 TAT: 2769.56 Prop 11yrs TSMO: 793.56 TPT: 2769.56
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Signature _____ A&P no 3648024 IA

N232CB

SpanaFlight
16705 103rd Ave.Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Cessna
A Textron Company

April 11, 2016 TACH: 2863.73 TAT: 2863.73 Prop TSN: 2863.73 12yrs TSMO: 887.73
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Signature _____ A&P no 3648024 IA

N232CB

SpanaFlight
16705 103rd Ave. Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

March 23, 2017 TACH: 2914.58 TAT: 2914.58 Prop TSN: 2914.58 TSMO: 13yrs and 938.58
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determine to be in airworthy condition.
Signature _____ A&P no 3648024 IA

N232CB

SpanaFlight
16705 103rd Ave. Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

May 7, 2018 TACH: 2985.88 TAT: 2985.88 Prop TSN: 2985.88 14yrs TSMO: 1009.88
Completed an annual inspection this date. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Signature _____ A&P no 3648024 IA

N232CB

SpanaFlight
16705 103rd Ave. Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Prop Make/Model	McCauley B2D34C207/78TCA-0	Prop Serial	764019

DATE: 23 May 2019 **TACH:** 3020.07 **AFTT:** 3020.07 **Prop TT:** 3020.07 **SMOH:** 1044.07
I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition this date.

Signature _____ **A&P3436919IA**

N232CB

SpanaFlight
16705 103rd Ave. Ct. E.
PUYALLUP, WA 98374
(253) 848-2020

Prop Make/Model	McCauley B2D34C207/78TCA-0	Prop Serial	764019

DATE: 20 May 2020 **TACH:** 3044.34 **AFTT:** 3044.34 **Prop TT:** 3044.34 **SMOH:** 1068.34
Dressed propeller nicks. I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition this date.

Signature Michael N Schwerer **A&P3436919IA**

NORMANDY
AIRCRAFT
"RIDE THE WIND"

07/01/2021 **Cessna 177RG** **S/N 177RG0998** **N232CB** **Tach: 3080.81**
Lycoming IO-360-A1B6D **AFTT: 3080.81** **S/N L-16019-51A** **ETT: 3080.81** **SMOH: 3080.81**

Performed an Annual inspection in accordance with Cessna 177RG Service Manual and 14 CFR part 43 appendix D.
Researched AD's through FAA Bi-Weekly 2021-14 and complied as required. Inspected propeller, propeller bolts and propeller hardware. No discrepancies noted. **I certify that this propeller has been inspected in accordance with an Annual inspection and in respect to the work performed is in airworthy condition at this time.**
Logan K Shepard **AP3768724IA**

N232CB

SPANAFLIGHT AVIATION, LLC
16705 103rd Ave. Ct. E.
Puyallup, WA 98374
(253)848-2020

Prop Make/Model	McCauley 2D34C-207	Prop Serial	764019

DATE: 23 AUG 2022 **TACH:** 3102.08 **AFTT:** 3102.08 **Prop TT:** 3102.08 **PTSOH:** 1126.08
Performed **annual** inspection. Removed prop to facilitate painting spinner bulkhead and spinner.
Reinstalled propellor and torqued to 55-65 ft/lbs IAW Cessna MM.
I certify this propeller has been inspected in accordance with **annual** inspection and was determined to be in airworthy condition.

Signature **AP 3048703 IA**

wo: WO_500

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Evergreen Airworks
Aircraft Maintenance

Evergreen Airworks LLC · 33212 Webster Rd E · Eatonville, WA 98328 · 414-416-8671

N232CB **McCauley, B2D34C207/78TCA-0, S/N: 764019** **August 20, 2024**

TACH: 3115.36 PTSN: 3115.36 PTSO: 1139.36

Removed spinner and performed inspection on propeller blades and hub - no discrepancies found. Reinstalled spinner.

Completed annual inspection IAW 14 CFR 43 Appendix D and the Evergreen Airworks annual inspection checklist.

I certify this aircraft propeller has been inspected in accordance with an annual inspection and has been found to be in airworthy condition Details of work performed are on file with Evergreen Airworks LLC under work order: WO_500.

Michael Schuerman A&P w/IA 3436919 _____

wo: WO_892

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Evergreen Airworks LLC · 16703 103rd Ave Ct E · Puyallup, WA 98374 · 253-435-6013

N232CB **McCauley, B2D34C207/78TCA-0, S/N: 764019** **February 01, 2026**

TACH: 3125.71 PTSN: 3125.71 PTSO: 1149.71

Completed annual inspection IAW 14 CFR 43 Appendix D and the Evergreen Airworks annual inspection checklist.

I certify this aircraft propeller has been inspected in accordance with an annual inspection and has been found to be in airworthy condition. Details of work performed are on file with Evergreen Airworks LLC under work order: WO_892.

Caleb Janzen A&P w/IA 3989351 _____

SENSENICH PROPELLER SERVICE, INC.

www.sensenichpropeller.com