

Propeller Logbook



MIDWEST AIRCRAFT PROPELLERS, INC.
9500 52ND STREET KENOSHA, WI, 53144
FAA APPROVED REPAIR STATION #MOPR417X

Hartzell
McCaughey
Dowty
Sensenich
Hamilton Standard

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

N 52696 177RG

290 Larkin Drive Wheeling, IL 60090-6456 (708) 541-1133 (800) 323-4130 FAX (708) 541-0176 CRS EY2R811K

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 date 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 inspec-

tion 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(1) The records specified in paragraph (a)(1) of this section shall be retained until the work is repeated or superseded by other work or for 1 year after the work is performed.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 5 yrs.
or 1500 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 FIVE 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. It 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 787CA-0

Hub Serial No. 774932

Blade Serial No. 1 B75247

2 B75248

3 _____

4 _____

5 _____

6 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Postion
1 APR 94	Propeller reinstalled on N 52696, Annual insp 9w	Annual insp AHR100c
7 May 95	Annual inspection	Annual AHR100c
6 Jun 96	Annual	Annual AHR100c
09-28-99	100hr/Annual Inspection See AIC Log for AD LIST	Annual for AHR100c

SERVICE HISTORY

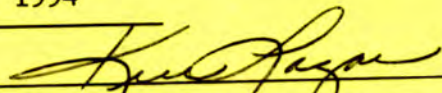
MAINTENANCE RELEASE


Date	Total Propeller Time
3/25/94	

MAKE McCauley **DESCRIPTION** Propeller
MODEL B2D34C207/78TCA-0 **SERIAL NO.** 774932
BLADE SERIAL NUMBERS
 1) B75247 2) B75248
 3) N/A 4) N/A
 5) N/A 6) N/A

The aircraft or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file under Order number: 36106

Dated: March 25, 1994

Signed:  for


AIRCRAFT PROPELLER SERVICE, Inc. CRS EY2R811K
 290 Larkin Dr. Wheeling, IL 60090-6456 800-323-4130

1. Approving National Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 5199	
4. ORGANIZATION Name and Address: MIDWEST AIRCRAFT PROPELLERS, INC. 9500 52 nd Street - Kenosha, WI 53144 (262) 656-7100					5. Work Order/ Contract/ Invoice No. 5199		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Qty:	11. Serial/ Batch No:	12. Status/Work:	
Propeller	McCAULEY	B2D34C207/ 78TCA-0	TBV by installer	1 ea.	774932	RESEAL	
13. Remarks: RESEALED, REPAINTED, AND BALANCED IAW MANUAL 780630 REV. 6 <i>THE WORK ON THIS IS NOT TO BE CONSIDERED A MAINTENANCE ACTION</i>							
14. 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 13.				19. <input checked="" type="checkbox"/> 14CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies 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 <i>Mitch Basham</i>		21. Approval/ Certificate No. MPOR417X	
17. Name (Typed or printed)		18. Date (m/d/y)		22. Name (Typed or Printed) MITCH BASHAM		23. Date (m/d/y) 10/21/02	

SERVICE HISTORY

N52696
11-25-02 TACH: 714.5 TT: 1746.2

Reinstalled propeller after reseal paint and balance by Midwest Aircraft Propellers inc.
Completed ANNUAL INSPECTION: performed run-up to check for performance and oil leaks; I certify that this PROPELLER has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of the Federal aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under WO# 2025.

Signatures

SIGNED

Greg Cyril
Greg Cyril 2636813 JA

Midwest Flight Check CRS# MFKR583K

I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TACH TIME 893.9 TOTAL TIME 1925.6

PROP TIME 726.6 DATE JUNE 8, 2006

VERLIN L. SCHAUER IA 1972317

IA1972317

Verlin L. Schauer

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
<p>I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p>				
<p>TACH TIME <u>916.4</u> TOTAL TIME <u>1948.1</u></p>				
<p>PROP TIME <u>749.1</u> DATE <u>Sept 2, 2007</u></p>				
<p>VERLIN L. SCHAUER IA 1972317 IA 1972317</p>				
<p><i>Verlin Schauer</i></p>				

Reg. No. - N52696

PROPELLER

Date 9/22/2008

I certify that this propeller has been inspected in accordance with a Annual inspection per FAR Part 43 Appendix D and Pro-Air Aviation Maintenance Annual inspection form P-AA003 and was determined to be in AIRWORTHY condition. Other details of this inspection are on file at this facility under work order no. 08-9556. For AD compliance, see AD listing.

AFTT	2030.4
TACH	998.7
TSN	2030.4
TSO	831.4

ProAir

AVIATION MAINTENANCE

Authorized Signature *[Signature]*

FAA Approved Repair Station No. 7TFR567Y

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
MAR 20, 2009	TRCH	1058.7 TOTAL	TIME 2010.4 TSOH 841.4. PROP REMOVED	
	FROM NS2	696 AT THIS	TIME FOR OVERHAUL	D. J. Kennedy
				AP 2686487

N 52696

Maintenance Release Document

McCauley Propeller
 Model- B2D34C207/78TCA-0
 Hub Serial - 774932
 Blade Serials - 1.PB75248 2.PB75247

Overhauled and Reconditioned. Comply with zygo inspection and Magnaflex, and inspect as need be.. Check angles, track, and balance. O/H Prev. S/C Propeller. Replace all parts that need be at this time. Install new Mntg. Parts.. Etch, alodine and Paint propeller. C/W inspection of 82-27-02 R1. 2003-13-17, 2005-14-11. All current AD, S/B complied with at this time.

SERVICE HISTORY

I Certify that the Aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and found airworthy for return to service. Pertinent Details are on file at this agency under WO#21106 6/10/2009

Laurie Marshall



Western Aircraft Propeller Serv. Inc.
1230 NW Perimeter Way FAA R.S. FQ6R544N
Troutdale, OR 97060 503-667-8865

TSO - 0
T.T.

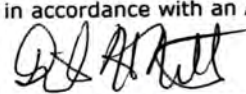
June 18, 2009 **Old Tach: 1058.7** **New Tach: 2090.4** **Prop Total: 2090.4**
Propeller TSOH: 00.00

Complied with an ANNUAL inspection I/A/W 14 CFR 43 Apdx D. Prop reinstalled after overhaul by Western Aircraft Propeller.

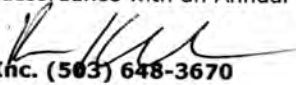
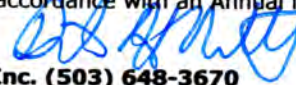
Airworthiness Directive Listing: Listing of all airframe, engine, propeller, and accessory AD's completed and signed off.

This Propeller has been inspected in accordance with an Annual inspection and has been found to be in Airworthy condition at this time.

Dirk H Wittig A&P 2686407 IA
Northwest Aircraft Maintenance Inc. (503) 648-3670



SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
March 19, 2010		Tach Time: 2144.45	Prop Total: 2144.45	Propeller TSOH: 54.05
<p>Complied with an ANNUAL inspection I/A/W 14 CFR 43 Apdx D. Airworthiness Directive Listing: Listing of all airframe, engine, propeller, and accessory AD's completed and signed off. See list attached to aircraft records.</p> <p>This Propeller has been inspected in accordance with an Annual inspection and has been found to be in Airworthy condition at this time.</p> <p>Rian Keller AP2771007 IA  Northwest Aircraft Maintenance Inc. (503) 648-3670</p>				
May 4, 2011		Tach Time: 2280.38	Prop Total: 2280.38	Propeller TSOH: 189.93
<p>Complied with an ANNUAL inspection I/A/W 14 CFR 43 Apdx D. Airworthiness Directive Listing: Listing of all airframe, engine, propeller, and accessory AD's completed and signed off. See list attached to aircraft records.</p> <p>This Propeller has been inspected in accordance with an Annual inspection and has been found to be in Airworthy condition at this time.</p> <p>Dirk H. Wittig A&P 2686407 IA  Northwest Aircraft Maintenance Inc. (503) 648-3670</p>				

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SERVICE HISTORY

April 19, 2012 Tach Time: 2370.83 Prop Total: 2370.83 Propeller TSOH: 280.38

Complied with an ANNUAL inspection I/A/W 14 CFR 43 Apdx D.

Airworthiness Directive Listing: Listing of all airframe, engine, propeller, and accessory AD's completed and signed off. See list attached to aircraft records.

This Propeller has been inspected in accordance with an Annual inspection and has been found to be in Airworthy condition at this time.

Dirk H. Wittig A&P 2686407 IA

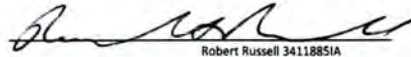
Northwest Aircraft Maintenance Inc. (503) 648-3670

Aviation Plus LLC
262-656-1260

Aviationplusllc.com

05/10/2013 N52696 Tach 2439 TTP 2439 SPOH 349

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 airworthy condition.



Robert Russell 3411885IA

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Date: 06/11/14

Model: 177RG
S/N: 177RG1252

Reg. No.: N52696
Tach Time: 2551.83

Propeller Log

Type: B2D34C207
Total Time: 2551.83

S/N: 774932
SOH: 461.83

Complied with a 100 Hour/Annual Inspection IAW 14 CFR 43 Appendix D.
Dressed both blades of small nicks.

ADs checked through 6/10/2014.

I certify that this propeller was inspected IAW a 100 Hour/Annual Inspection and was determined to be in airworthy condition for return to service. Jeffery Reed A&P 2792869 IA.

Jeffery Reed

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Date: 06/03/15

Model: 177RG
S/N: 177RG1252

Reg. No.: N52696
Tach Time: 2588.43

Propeller Log

Type: B2D34C207
Total Time: 2588.43

S/N: 774932
SOH: 498.43

Completed a 100 Hour/Annual Inspection IAW 14 CFR 43 Appendix D.
Checked for small nicks on both blades. None noted.

ADs checked through 5/29/2015.

I certify that this propeller was inspected IAW a 100 Hour/Annual Inspection and was determined to be in airworthy condition for return to service. Jeffery Reed A&P 2792869 IA.

Jeffery Reed

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SERVICE HISTORY

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Date: 07/01/16

Model: 177RG
S/N: 177RG1252
Type: B2D34C207
Total Time: 2627.32

Reg. No.: N52696
Tach Time: 2627.32
S/N: 774932
SOH: 537.32

Complied with a 100 Hour/Annual Inspection IAW 14 CFR 43 Appendix D.
Took out small nicks from both blades.

I certify that this propeller was inspected IAW a 100 Hour/Annual Inspection and was determined to be in airworthy condition for return to service. Jeffery Reed A&P 2792869 IA. *Jeffery Reed*

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Date: 08/03/17

Model: 177RG
S/N: 177RG1252
Type: B2D34C207
Total Time: 2654.38

Reg. No.: N52696
Tach Time: 2654.38
S/N: 774932
SOH: 564.38

Completed a 100 Hour/Annual Inspection IAW 14 CFR 43 Appendix D McMauley Service Manual.

I certify that this propeller was inspected with an Annual Inspection and was determined to airworthy condition for return to service. Jeffery Reed A&P 2792869 IA. *Jeffery Reed*

SERVICE HISTORY

Willamette Aviation Service, LLC	23115 Airport Rd. NE	Aurora, OR 97002
Make: CESSNA	Model: 177RG	Reg. No.: N52696
Date: 09/07/18	S/N: 177RG1252	Tach Time: 2678.65
Propeller Log	Type: B2D34C207	S/N: 774932

Complied with an annual inspection IAW FAR 43 Appendix "D". I certify this Propeller was inspected in accordance with an annual inspection and was determined to be in an Airworthy condition as of this date. Nathanael Rieben A&P 3734424 IA

Nathanael Rieben

COASTAL VALLEY <i>Aviation Inc.</i>	PROPELLER
(805)928-7701 • www.cvamx.com	DATE: 10/23/2019
McCaughey B2D34C207 SN 0774932	N52696
	Tach: 2706.15
	SPOH: 615.75
I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
<i>Richard Holder</i>	
Richard Holder A&P 3340719 IA	

COASTAL VALLEY <i>Aviation Inc.</i>	PROPELLER
(805)928-7701 • www.cvamx.com	DATE: 10/13/2020
McCaughey B2D34C207 SN 0774932	N52696
	Tach: 2729.20
	SPOH: 638.8
I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
<i>Richard Holder</i>	
Richard Holder A&P 3340719 IA	

**STAPLE MAINTENANCE RELEASE TAGS AND
OTHER DATA TO THIS PAGE**



AIRCRAFT PROPELLER SERVICE, INC.

290 Larkin Drive • Wheeling, IL 60090-6456
FAA Repair Station # EY2R811K
800-323-4130 • Fax 708-541-0176