

Propeller Logbook



AIRCRAFT PROPELLER SERVICE, INC.

- Dowty
Hamilton Sundstrand
Hartzell
McCauley
mt-propeller
Sensenich

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
is Required Per F.A.R. 91.417, 121.380 and 135.439

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(1) The records specified in paragraph (a)(1) of this section shall be retained until the work is repeated or superseded by other work or for 1 year after the work is performed.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

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 20795	
4. Organization Name and Address: AIRCRAFT PROPELLER SERVICE, INC. 290 LARKIN DRIVE WHEELING, IL 60090				EY2R811K		5. Work Order/Contract/Invoice Number: 99279 / PENDING w/attached pages 1 thru 1 Dated: 09/16/2010	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	HARTZELL GOVERNOR ASSEMBLY, F-2-()	F2-7A	N/A	1.00	6819W	REPAIRED	

13. Remarks:

REPAIRED per: 130B R: 11 (3/1/2010)

COMPLIED WITH:

AD: N/A

S/B: N/A


S/L: N/A

OTHER: N/A

ASSEMBLY:	SERIAL #	TSN	TSO/TSMI
	6819W	UNK	UNK

The next action required on this component is within UNK

Full detail of the work specified in Block 12 is on file within this agency.

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"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.: EY2R811K
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): KEN LAZAR, Inspector	23. Date (m/d/y): Sep/16/2010

User/Installer Responsibilities

It is important to understand that 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 airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statement 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 may be flown.

Paperwork Reduction Act Statement:
 An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-0018. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 300 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, ABA-20

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 B2D34C213-B/G-90DHA-16

Blade Model _____

Hub Serial No. 002421

Blade Serial No. 1 B74965

2 B77459


3 _____

4 _____


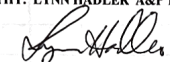
5 _____

6 _____

INSTALLATION HISTORY

Date	Aircraft Model and Registration No.	Engine Serial Number and Position
MOTIVE SERVICES CO. 8411 PYOTT ROAD LAKE IN THE HILLS, ILLINOIS 60156 HANGAR P-62 LAKE IN THE HILLS AIRPORT		
AUGUST 09, 2013	N2247M	798.0 TACH TIME McCAULEY B2D34C213C S/N 778946
REMOVED PROPELLER FOR REPAIR BY AIRCRAFT PROPELLER SERVICE. END.		
LYNN HADLER A&P 1736940		
		
<p>Propeller S/N 002421 TSN UNK TSO_{798.0}</p> <p>This propeller has been serviced as per the 8130-3 tag dated <u>8/27/2013</u> under Work Order <u>110773</u></p> <p style="text-align: center;">Aircraft Propeller Service, LLC. Wheeling, Illinois</p> <p>CRS EY2R811K EASA.145.5126</p>		

SERVICE HISTORY

Date	MOTIVE SERVICES CO. 8411 PYOTT ROAD LAKE IN THE HILLS, ILLINOIS 60156 HANGAR P-62 LAKE IN THE HILLS AIRPORT				Signatures
AUGUST 27, 2013	N2247M	798.0 TACH TIME	4240.05 TOTAL TIME	604.9 TSMOH	
McCAULEY B2D34C213C				S/N 002421	
REINSTALLED PROPELLER AFTER REPAIR BY AIRCRAFT PROPELLER SERVICE. THE HUB WAS REPLACED AND THE PROP WAS RESEALED. ENGINE RUN UP, LEAK CHECKS O.K. END.					
LYNN HADLER A&P 1736940					
					
MOTIVE SERVICES CO. 8411 PYOTT ROAD LAKE IN THE HILLS, ILLINOIS 60156 HANGAR P-62 LAKE IN THE HILLS AIRPORT					
FEBRUARY 07, 2014	N2247M	807.5 TACH TIME	McCAULEY B2D34C213C S/N 778946	631.00 TSMOH	
4266.15 TOTAL TIME					
PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH McCAULEY INSPECTION INSTRUCTIONS. AD's CHECKED THROUGH 2014-02 ISSUE. NONE APPLY AT THIS TIME. AN AD STATUS/COMPLIANCE REPORT WAS COMPILED, DOCUMENTED, AND PLACED WITH THE AIRCRAFT RECORDS. END.					
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY. LYNN HADLER A&P 1736940 IA					
					

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			<p>Blue Skies Flying Services, Inc. 8411 Pyott Road Lake In The Hills, Il. 60156 Hangar P-64 Lake In The Hills Airport (3CK)</p> <p>Date: 1/30/2015 Tach Time: 835.6</p> <p>Tail # N2247M SMOH: 659.1</p> <p>Component: McCauley B2D34C213-B/G-90DHA-16 Total Time: 4294.25 S/N 002421</p> <p>Perform ANNUAL inspection and service IAW Piper check list and M.M. Dress minor nicks from prop blades. Perform function check of prop during test run, all operational checks found satisfactory. All AD's are C/W through this date and tach time and issue 2015-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this propeller has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition. Richard M Carzoli AP 2682852 IA</p>	
			<p>Blue Skies Flying Services, Inc. 8411 Pyott Road Lake In The Hills, Il. 60156 Hangar P-64 Lake In The Hills Airport (3CK)</p> <p>Date: 2/10/2016 Tach Time: 942.2</p> <p>Tail # N2247M SMOH: 765.7</p> <p>Component: McCauley B2D34C213-B/G-90DHA-16 Total Time: 4400.85 S/N 002421</p> <p>Perform ANNUAL inspection, service and repair IAW Piper check list and M.M. Dress minor nicks from prop blades, Clean and repaint face of propeller. Perform function check during engine run up, found OK. All AD's are C/W through this date and tach time and issue 2016-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this propeller has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition. Richard M Carzoli AP 2682852 IA</p>	

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
			<p>Blue Skies Flying Services, Inc. 8411 Pyott Road Lake In The Hills, Il. 60156 Hangar P-39 Lake In The Hills Airport (3CK)</p> <p>Date: 2/1/2017 Tach Time: 1011.9</p> <p>Tail # N2247M SMOH: 835.4</p> <p>Component: McCauley B2D34C213-B/G-90DHA-16 Total Time: 4470.55 S/N 002421</p> <p>Performed Annual inspection and service IAW Piper check list and Maintenance Manual. Dress minor nicks from prop blades. Clean and repaint face of propeller blades. Perform function check during engine run up, found satisfactory. All AD's are C/W through this date and tach time and issue 2017-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this propeller has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition. Richard M Carzoli AP 2682852 IA</p>	
			<p>A/C Model: PA28R-201 A/C S/N: 28R-7837073 ENG Model: IO-360-C1C6 ENG S/N: L-18275-51A ENG TSMOH: 972.45 PROP TSOH: 856.0</p> <p>GAITROS AVIATION LLC 790 SOUTH AIRPORT ROAD DECATUR, IL. 62521 217.423.9903 WWW.GAITROSAVIATION.COM</p> <p>10/18/2017 REG #: N2247M WO #: 17828 TACH: 1031.5 AFTT: 4490.15 PROP TT : 4865.2</p> <p>Propeller 100 Hour Inspection: Performed 100 Hour Inspection in accordance with FAR 43 Appendix D and Piper Aircraft Inspection Report P/N 230 946. Dressed nicks in propeller blades. Removed Propeller to gain access to aft spinner bulkhead for repair. Removed lead from propeller and crankshaft. Installed new o-ring P/N 752 952 on propeller. Installed repaired Aft Spinner bulkhead from K & K Precision welding, FAA C.R.S. XKKR436L, see Work Order 6363 for more information. Installed propeller in accordance with Piper Service Manual P/N 761-639 Table VIII-A-I dated Jan. 31, 2009. Torqued propeller nuts using Snap-On torque Wrench P/N QD2FR75, S/N 0610031316, Control Number GAIT00010, Calibration due 08/17/2018. I certify that this propeller has been inspected in accordance with a 100 Hour inspection as per FAR 43 Appendix D and was determined to be in an airworthy condition. AD Compliance List given to aircraft owner.</p> <p>William S. Gaitros A&P 3051725</p>	

