

# Engine Maintenance Records

*The Power of Experience*

**PENN YAN AERO**

# Engine Maintenance Records

Log Number:	_____
Aircraft Registration Number:	N248RR
Engine Manufacturer:	Lycoming
Model:	TIO-540-A51A
Serial Number:	L-11642-61A
Date Installed on Aircraft:	_____
Time Between Overhauls:	_____
Engine Position:	_____

*The Power of Experience*



Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 U.S.A.

315-536-2333

Repair Station Approval

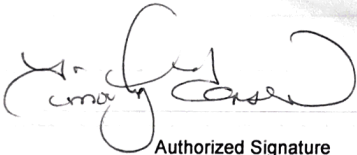

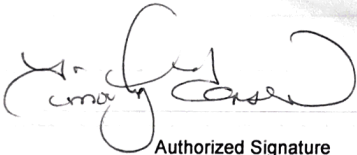

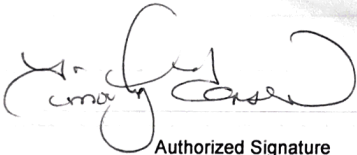


FAA: Y2GR396Y

EASA: 145.5936

[www.PennYanAero.com](http://www.PennYanAero.com)







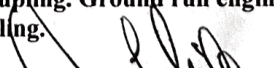


Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work																																										
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				<b>N248RR Date: 01 Sep 2015 Tach: 1433.8 TSMOH: 0.0</b>  Installed this engine in aircraft N248RR. Installed propeller governor and propeller after flush and bench check from Air Prop Specialists. Set all engine controls, idle mixture, propeller governor, and wastegate controller. Ground run and leak checks complete. All work completed IAW Cessna and Lycoming Service Manuals. Aircraft released for check flight.  Cody McLemore 																																										
				Totals - Carry Forward <span style="float: right;">AP3346069</span>																																										





Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	
				<i>Balance Forward</i>	
<i>09/11/2015</i>	<i>1435.4</i>	<i>1.0</i>	<i>1435.4</i>	<i>I Gene S. Giles ATP-CFI 2685937 conduct maintenance operational flight check for 1 hour. All system function as required. Gene S. Giles ATP 2685937</i>	
				<b>N248RR Date: 10 Sep 2015 Tach: 1443.9</b>	
				Completed 10 hour oil change. Drained oil and removed filter. Cut filter and inspected element, no unusual particles noted. Sent oil sample to AvLabs. Installed new Tempest AA48110-2 filter and safety wired. Serviced engine with 10 Qts Phillips X/C 20W50 oil. Post run leak check complete.	
				Cody McLemore 	AP3346069
				<b>N248RR Date: 01 Apr 2016 Tach: 1453.3 TSMOH: 19.5 TT: 1453.3 S/N: L-11642-61A</b>	
				Performed an Annual Inspection on this Engine IAW Cessna Maintenance Manual Annual Inspection Checklist. Drained oil and removed oil filter. Cut filter and inspected element, no unusual particles noted. Installed new Tempest AA48110-2 filter and safety wired. Serviced engine with 11 Qts Phillips X/C20W50 oil. Compression test results as follows: #1 78/80 #2 76/80 #3 77/80 #4 77/80 #5 76/80 #6 74/80. Removed, inspected, cleaned, and reinstalled fuel strainer. Removed, cleaned, gapped, tested, and reinstalled spark plugs. Inspected exhaust and intake systems. Inspected crankcase, cylinders, baffles, and all accessories. Inspected engine mount and rubber bushings. Inspected firewall. Inspected all hoses, lines, and wiring. <b>Researched AD's through bi-weekly period 2016-04, none new.</b> This engine has been inspected IAW an Annual Inspection and is determined to be in an airworthy condition at this time.	
				<b>AD04-10-14C1, Crankshaft Gear and Retaining Bolt Due at Prop Strike or Overhaul AD15-19-07, Fuel Injector Lines, C/W by inspection. Due again 1553.3 Tach</b>	
				Cody McLemore 	AP3346069IA

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
8-11-2016	1,507.3	73.5	1507.3	Balance Forward <i>A.C. Blew Fuse, Replaced, Everything checked out</i>
				<p><b>Date: 8-11-2016</b>                      <b>Engine Log entry for N248RR</b>  <b>Tach: 1507.3 hrs.</b>  <b>Hobbs: 1688.2 hrs.</b>            Drain engine oil and oil cooler. Oil sample taken at this time. Install new CH48108-1 oil filter, torque and safety. Service engine with 11 qts. Phillips XC20W50 oil. Wash engine. Ground run. No leaks noted at this time. All work performed as per Cessna Aircraft Co. 206H series maintenance manual.</p> <p style="text-align: right;">            Jerry L. Miller A&amp;PIA3633839</p>
				<p><b>Date: 10-14-2016</b>                      <b>Engine Log entry for N248RR</b>  <b>Tach: 1552.5 hrs.</b>  <b>Hobbs: 1738.5 hrs.</b>            Ground run engine. Remove engine cowling. Drain engine oil and oil cooler. Oil sample sent for analysis. Install new CH48108-1 oil filter, torque and safety. Service engine with 10 qts. Phillips 20W50 oil. Wash engine. Remove, clean, gap, test and reinstall spark plugs. Adjust fuel injection system as required. Ground run. Operational test satisfactory. No defects noted at this time. All work was performed with reference to Cessna Aircraft Co. T206H series maintenance manual.</p> <p style="text-align: right;">            Tim Dearman A&amp;P3714464</p>
				<p><b>Date: 1-20-2017</b>                      <b>Engine Log entry for N248RR</b>  <b>Tach: 1599.0 hrs.</b>  <b>Hobbs: 1792.2 hrs.</b>            Ground run engine. Remove engine cowling. Drain engine oil. Sample oil for laboratory analysis. Inspect oil filter for contaminates. Install new CH48110-1 oil filter, torque and safety. Service engine with 11 qts. Phillips XC 20W50 engine oil. Compression test as follows: cyl. #1-78 #2-79 #3-79 #4-78 #5-77 #6-77. Inspect engine mounting and exhaust system. Exhaust leakage noted at cylinder no. 1 slip coupling. Ground run engine. No oil leaks noted at this time. Reinstall cowling.</p> <p style="text-align: right;">            Jerry L. Miller A&amp;PIA3633839</p>
			Totals - Ca	









Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<i>Balance Forward</i>
				<p><b>Date: 2-6-2018</b>  <b>Tach: 1800.0 hrs</b>  <b>Hobbs: 2019.7 hrs.</b>  <b>Engine Log entry for N248RR</b>  Ground run engine. Remove engine cowling. Drain engine oil and oil cooler. Sample oil and send for analysis Install new CH48110-1 oil filter, torque and safety. Service engine with 10 qts. Phillips XC20W50 oil. Wash engine. Ground run. No leaks noted at this time. All work was performed with reference to Cessna Aircraft Co. T206H series and Textron Lycoming maintenance manuals.</p> <p><i>Jerry L. Miller</i>  Jerry L. Miller A&amp;P3633839</p>
				<p><b>Date: 4-10-2018</b>  <b>Tach: 1851.2 hrs.</b>  <b>Hobbs: 2078.1 hrs.</b>  <b>Engine Log entry for N248RR</b>  Ground run engine. Remove engine cowling. Drain engine oil and oil cooler. Sample oil and send for analysis. Install new CH48110-1 oil filter, torque and safety. Service engine with 9 qts. Phillips XC 20W50 oil. Wash engine. Ground run engine. No leaks noted at this time. Comply with AD17-11-10 par. (g),(1),(iii)(3) and MSB627C table 1, actions 1 and 3. No defects noted at this time. All work was performed with reference to Textron Lycoming maintenance manual.</p> <p><i>Tim Dearman</i>  Tim Dearman A&amp;P3714464</p>
				<p><b>Date: 5-3-2018</b>  <b>Tach: 1863.3 hrs</b>  <b>Hobbs: 2097.7 hrs</b>  <b>Aircraft Log entry for N248RR</b>  Jacked aircraft removed Left and Right main wheel fairings. Removed Left and Right wheel and brake assemblies . Installed new brake linings PN 066-10500. Balance check wheels and reinstalled Left and Right wheel and brake assemblies. Bleed right main brake system. Reinstalled main wheel fairings. All work was performed IAW Cessna T206 and Cleveland CMM.</p> <p><i>Tim Dearman</i>  A&amp;P 3714464 Tim Dearman</p>
				Totals – Carry Forward





Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work
				<p><b>Balance Forward</b></p> <p>Date: 6-29-2018 Tach: 1894.9 hrs. Hobbs: 2128.2 hrs.</p> <p>Ground run engine. Drain engine oil, oil cooler, sample oil and send for analysis. Install new CH48110-1 oil filter, torque and safety. Service engine with 10 qts Phillips XC20W50 oil. Wash engine.</p> <p>Comply with AD2017-11-10 and MSB627E required actions 1, 2, as per par. (G),(i),(ii). re-torque as required ea. 100 hrs. and inspection ea. 25 hrs. Replacement of V band clamps recommended at next oil change or inspection.</p> <p>Repair chafed wiring to airconditioner system and install new AGC30 amp fuse. Ground run aircraft. Operational test satisfactory. No leaks noted at this time. All work was performed with reference to Cessna Aircraft Co. T206H series maintenance manual.</p> <p style="text-align: right;"><i>Tim Dearman</i> Tim Dearman A&amp;P3714464</p>

**AUTHORIZED RELEASE CERTIFICATE**  
 (14 CFR 43.151, 43.153, 43.155, 43.157, 43.159, 43.161, 43.163, 43.165, 43.167, 43.169, 43.171, 43.173, 43.175, 43.177, 43.179, 43.181, 43.183, 43.185, 43.187, 43.189, 43.191, 43.193, 43.195, 43.197, 43.199, 43.201, 43.203, 43.205, 43.207, 43.209, 43.211, 43.213, 43.215, 43.217, 43.219, 43.221, 43.223, 43.225, 43.227, 43.229, 43.231, 43.233, 43.235, 43.237, 43.239, 43.241, 43.243, 43.245, 43.247, 43.249, 43.251, 43.253, 43.255, 43.257, 43.259, 43.261, 43.263, 43.265, 43.267, 43.269, 43.271, 43.273, 43.275, 43.277, 43.279, 43.281, 43.283, 43.285, 43.287, 43.289, 43.291, 43.293, 43.295, 43.297, 43.299, 43.301, 43.303, 43.305, 43.307, 43.309, 43.311, 43.313, 43.315, 43.317, 43.319, 43.321, 43.323, 43.325, 43.327, 43.329, 43.331, 43.333, 43.335, 43.337, 43.339, 43.341, 43.343, 43.345, 43.347, 43.349, 43.351, 43.353, 43.355, 43.357, 43.359, 43.361, 43.363, 43.365, 43.367, 43.369, 43.371, 43.373, 43.375, 43.377, 43.379, 43.381, 43.383, 43.385, 43.387, 43.389, 43.391, 43.393, 43.395, 43.397, 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**AIRCRAFT INSPECTION & REPAIR**

709 Warehouse Dr. Laurel MS 39440

Phone: 601-270-5507

Total Time Tach. or

*Balance Forward*Description of Work Performed  
Certificate Number & Signature of Technician Performing Work

Page: 10

DATE: 10-16-18 N248RR AIRFRAME:

**TACH:**

1. Installed New Battery P.N. 7243-16 S/N G03021125  
All work performed in accordance with Cessna 206 M.M. and current FARs. This aircraft is returned to service.

David Sanford IA 3032129

Date: 4-23-2019

Tach: 2030.5 hrs.

Hobbs: 2282.5 hrs.

Drain engine oil and oil cooler. Install new CH48110-1 oil filter, torque and safety. Service engine with 10 qts. Phillips XC20W50 oil. Install new rocker box gaskets p/n 76036. C/W AD17-11-10 par. (g).(3).(i). and MSB627E, table 2 torque check. No defects noted at this time. Wash engine. Ground run. No leaks noted at this time. All work was performed with reference to Cessna Aircraft Co. T206H series and Lycoming maintenance manuals.

**Engine Log entry for N248RR**

Tim Dearman A&amp;P3714464

Date: 7-24-2019

Tach: 2067.4 hrs.

Hobbs: 2323.8 hrs.

Ground run engine. Drain engine oil and oil cooler. Install new CH48110-1 oil filter, torque and safety. Service engine with 11 qts. Phillips XC20W50 oil. Wash engine, 7-23-2019. Comply with AD17-11-10 par. (g).(3).(i). thru (iii) and Lycoming MSB627E, dated 5-17-2018, table 2, action (1).(C).(D).(E). by inspection. Exhaust leak noted in proximity to turbo charge. Source of leak unknown at this time. Repeat e. 25 hrs. Comply with table (2). Par. C. torque check to 96 in. lbs. no rotation noted. Repeat ca. 100 hrs.

**Engine Log entry for N248RR**

Tim Dearman A&amp;P3714464

Totals - Carry Forward

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**PENN. VENDOR**

5

4

3







Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	
27 January 2021	TT 2124.8	TSOH 688	Tach 2124.8	<p>Performed 100hr inspection and the following work in reference to C206MM, Lycoming PC-TIO-540-AJ1A, and SSP-1776-5, and Champion OH Manual L-1363F, and IAW 14 CFR 43 Appendix D: AD 15-19-07: C/W by inspection. Next due: 2234.8. AD 17-11-10: C/W par. 3i by inspection. Next due: 2149.8. Differential Pressures: (1) 75/80, (2) 70/80, (3) 76/80, (4) 72/80, (5) 76/80, (6) 75/80. Drained oil and serviced with 11 qts. XC20W-50. Removed oil filter, inspected element, installed new Tempest filter P/N AA48110-2, torqued, and safetied. Adjusted right magneto timing to engine and torqued. Removed and installed left magneto pressure hose and heat exchanger oil hose at oil pressure switch and torqued as applicable to facilitate left magneto removal. Removed left magneto, adjusted internal timing, installed with new gaskets P/N LW-12681 and P/N 62224 and new star washers P/N MS35333-41, timed to engine, and torqued. Removed spark plugs, cleaned, inspected, gapped, installed, and torqued. Installed overhauled fuel drain tube assembly P/N LW-12098-0-090 at cylinder 3 and tightened. Installed new adel clamp P/N MS21919DG2 at cyl. 1 fuel drain tube assembly. Adjusted idle mixture and speed. Work performed by Kevin Salisbury. I certify that this engine has been inspected IAW 100hr inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">Paul Nabors AP3225963IA</p>	<p>12 November 2021</p> <p>Tach 2204.3</p> <p>Drained oil and serviced with 9 qts of XC 20W-50. Installed new oil filter P/N AA48110-2. Cut and inspected oil filter: no metal found. Engine run OK; leak check OK. Work performed by Isaac Johnson.</p> <p>N248RR <i>Paul Nabors</i> AP3225963IA</p>
25 June 2021			Tach 2164.1	<p>AD 17-11-10 C/W par. 3i and ii by inspection and torque check IAW Lyc. MSB627 Part 2 par. 1 and 2. Next due: par. 3i 2189.1; par. 3ii 2264.1. Drained oil and serviced with 9 qts. XC20W-50. Installed new filter P/N AA48110-2, torqued, and safetied. Inspected removed filter element. Engine run. Leak check OK.</p> <p style="text-align: right;">Kevin Salisbury AP3971694</p>	<p>24 FEB 2022 TT 2218.4 TSMO 781.6</p> <p>AD 15-19-07 CW by inspection, next due 2234 tach.</p> <p>AD 17-11-10 CW para (g)(3)(i)(ii). next due at 2234 tach. Oil, oil filter changed, 9 qt XC 20W50, AA48110-2. Mag timing checked. Spark plugs cleaned and gapped. Fuel strainer cleaned. Engine run, checks OK. I certify this engine has been inspected in accordance with a <b>100 hr</b> inspection per Cessna 206HMM rev 21 and found airworthy. Work performed by Paul Nabors, Mike Light, Isaac Johnson.</p> <p style="text-align: right;">Paul Nabors AP3225963IA</p>
				Totals - Carry Forward	





# VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFRI71L

**N248RR TACH & TOTAL 2221.0 H.M. 2498.5 DATE 1/27/2023 W.O. SV10579**

ENGINE S/N: L-11642-61A TSMOH: 787.3

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 206HMM21. OIL AND FILTER CHANGED. COMPLIED WITH SB 480F OIL, OIL FILTER & SUCTION SCREEN INSPECTION. SERVICED ENGINE WITH PHILLIPS 20W50 OIL AND AA48110-2 FILTER. SPARK PLUGS CLEANED AND TESTED. MAGNETO TO ENGINE TIMING CHECKED. COMPRESSION TEST: #1 73 #2 74 #3 73 #4 74 #5 76 #6 73/80. REPLACED ALL ROCKER COVER GASKETS WITH NEW P/N: 06B28890. PROPERLY SECURED FUEL MANIFOLD VENT HOSE. REPLACED ENGINE Baffle GROMMETS AS NEEDED. PROPERLY SECURED FUEL NOZZLE VENT MANIFOLDS, HOSES AND PROP HEAT WIRING. REPLACED ALL (6) FUEL NOZZLE VENT HOSES WITH NEW P/N: LW-18737. REPLACED INCORRECT FUEL INJECTION LINE CLAMPS WITH NEW P/N'S: SL16266-10-75, LW-16266-10-13 AS REQUIRED. COMPLIED WITH **AD 2015-19-07** FUEL INJECTION LINE INSPECTION IN ACCORDANCE WITH LYCOMING SB 342G, NEXT INSPECTION DUE BY TACH 2331.0. ENGINE OVERHAUL OR LOOSENING OF CLAMPS. COMPLIED WITH **AD 2017-11-10** EXHAUST INSPECTION IN ACCORDANCE WITH LYCOMING SB 627C, REQUIRED ACTIONS 1 & 2. FOUND NO CRACKING OF PIPES OR LEAKAGE PER REQUIRED ACTION 1 AND FLANGE NUT TORQUE SATISFACTORY PER REQUIRED ACTION 2. REQUIRED ACTION 1 NEXT DUE AT TACH 2246.1. REQUIRED ACTION 2 NEXT DUE AT TACH 2321.0. AD'S CHECKED THROUGH 2023-03.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

*Paul Park*

PAUL PARK, CHIEF INSPECTOR

Work Performed  
by Technician Performing Work

Page: 14



N#:	N248RR	Engine Make:	Lycoming
WO#:	1040	Engine Model:	TIO-540-AJ1A
Date:	3/24/2023	Engine SN:	L-11642-61A
Tach:	2234.1	ATT:	2234.1
		Cycles:	N/A
ETT:	2,234.10	TSOH:	800.40
		CSO:	N/A

Drained Engine oil. Serviced engine with 11 qt Victory 20W-50 oil and new AA48110-2 oil filter. Cleaned air oil separator. Took oil sample and sent to Blackstone Labs.

I certify that this engine is approved for return to service with regards to the work performed.

Technician: Robert Stone License: A&P3654665 Signature: *Robert Stone*

Totals – Carry Forward


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Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed	Certificate Number & Signature of Technician Performing Work
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wo: WO\_39 Airframe - page 1 of 1



Redline Aviation - P.O. Box 8108 - Amarillo, Texas 79114 - 806-206-6525

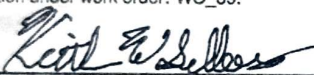
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**N248RR** **CCESSNA, T206H, S/N: T20608481** **June 16, 2023**


TACH: 2285.1

1. Replaced oil filter and added oil Installed P/N 08-04973 - AA48110-2 TEMPEST OIL FILTER, Installed (11) P/N PHILLIPS XC20W-50 - PHILLIPS XC20W-50.
2. Cut and inspect oil filter.
3. Replaced #4 egt probe with New probe P/N 86343. Installed P/N 10-86339 - ALCOR EGT PROBE.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Redline Aviation under work order: WO\_39.

Keith Sellers A&P IA 450311664 

wo: WO\_101 Engine - page 1 of 1



Redline Aviation - P.O. Box 8108 - Amarillo, Texas 79114 - 806-206-6525

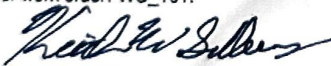
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**N248RR** **LYCOMING, T10-540 SER, S/N: ENGINE SN TBD** **September 26, 2023**

TACH: 2330.4

1. Changed oil and oil filter (P/N AA48108-2 Filter and 8 QTS of 20W-50) and cut filter no metal found. Installed P/N 08-04973 - AA48110-2 TEMPEST OIL FILTER, Installed (9) P/N PHILLIPS XC20W-50 - PHILLIPS XC20W-50.
2. Remove and cleaned spark plugs regapped and replaced plug gasket. Installed (12) P/N 07-00877 - SPARK PLUG GASKET 18MM.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Redline Aviation under work order: WO\_101.

Keith Sellers A&P IA 450311664 

Totals - Carry Forward



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
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## PROPELLER MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T20608481 N248RR  
A948CB

PROPELLER MODEL AND SERIAL B3D36C432/80V\$A-1

HUB SERIAL 041287 BLADE SERIALS YC26574, YD26306, YD26341

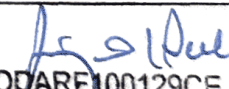
### INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.417 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2004 <u>12</u>				
12/20	80		Propeller hub S/N <u>041287</u> , blade S/N <u>YC26576</u> , S/N <u>YD26306</u> and S/N <u>YD26341</u> has been installed on engine S/N <u>L-11649-61A</u> on aircraft <u>T20608481</u> .	 ODARF100129CE

**HETRICK AIR SERVICES, Inc.** 1930 Airport Road  
Lawrence, Ks. 66044  
Phone: (785) 842-0000

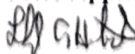
**Propeller Log**  
N948CB  
Cessna T206H  
S/N T20608481

McCauley  
B3D36C432/80VSA-1  
SN: 041287

**December 22, 2005 Tach Time: 91.8 Hrs Total Time: 91.8 Hrs Work Order # 4976**

I certify that this **Propeller** has been inspected in accordance with an **Annual** inspection and was determined to be in airworthy condition. All AD are listed on separate sheets dated 12/21/2004 and updated from ATP library dated 12/16/05. Details pertinent to this inspection are on file under work order #4976.

Hetrick Air Services, Inc.  
FAA Approved Repair Station #VKDR861X

  
 Lloyd A. Hetrick



**HETRICK**  
**AIR**  
**SERVICES, Inc.**

1930 Airport Road  
Lawrence, Ks. 66044  
Phone: (785) 842-0000

**Propeller Log**  
N948CB  
Cessna T206H  
S/N T20608481

McCauley  
B3D36C432/80VSA-1  
SN: 041287

DATE **December 12, 2006** Tach Time: **150.8 Hrs** Total Time: **150.8 Hrs** Work Order # **5294**  
19 Replaced one propeller de-ice boots (P/N B40245-53). Details pertinent to this repair are on file under work order #5294.

SIGNATURE,  
DATE TYPE  
NUMBER

Hetrick Air Services, Inc.  
FAA Approved Repair Station #VKDR861X  
*Lloyd A. Hetrick*  
Lloyd A. Hetrick 2859510

**HETRICK**  
**AIR**  
**SERVICES, Inc.**

1930 Airport Road  
Lawrence, Ks. 66044  
Phone: (785) 842-0000

**Propeller Log**  
N948CB  
Cessna T206H  
S/N T20608481

McCauley  
B3D36C432/80VSA-1  
SN: 041287

**January 12, 2007** Tach Time: **166.6 Hrs** Total Time: **166.6 Hrs** Work Order # **5320**  
Replaced one propeller de-ice boot (P/N B40245-53). I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All AD are listed on separate sheets dated 12/21/2004 and updated from ATP library dated 1/5/07. Details pertinent to this inspection are on file under work order #5320.

Hetrick Air Services, Inc.  
FAA Approved Repair Station #VKDR861X  
*Lloyd A. Hetrick*  
Lloyd A. Hetrick 2859510

**HETRICK**  
**AIR**  
**SERVICES, Inc.**

1930 Airport Road  
Lawrence, Ks. 66044  
Phone: (785) 842-0000

**Propeller Log**  
N948CB  
Cessna T206H  
S/N T20608481

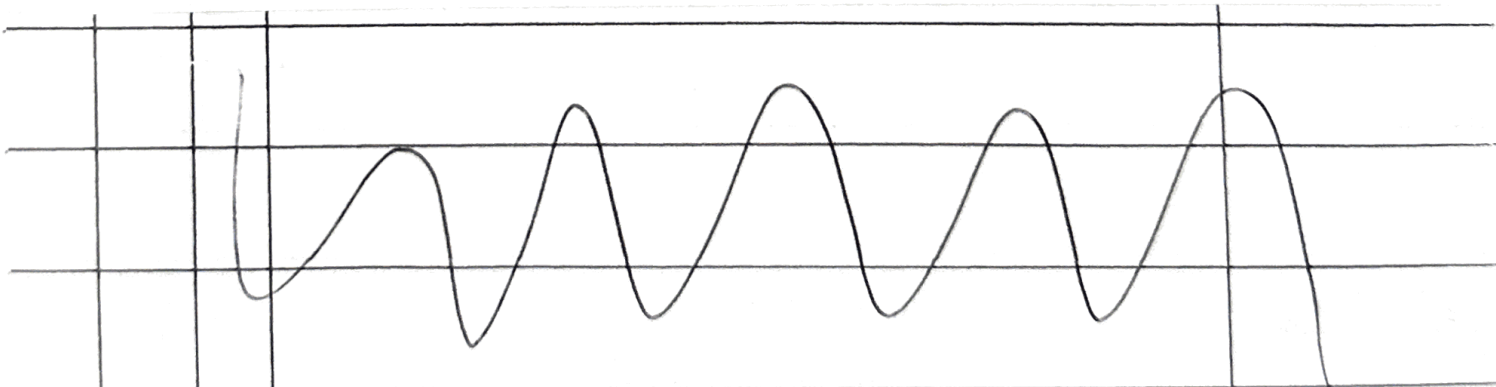
McCauley  
B3D36C432/80VSA-1  
SN: 041287

DATE

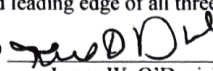
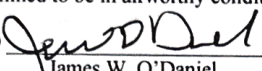
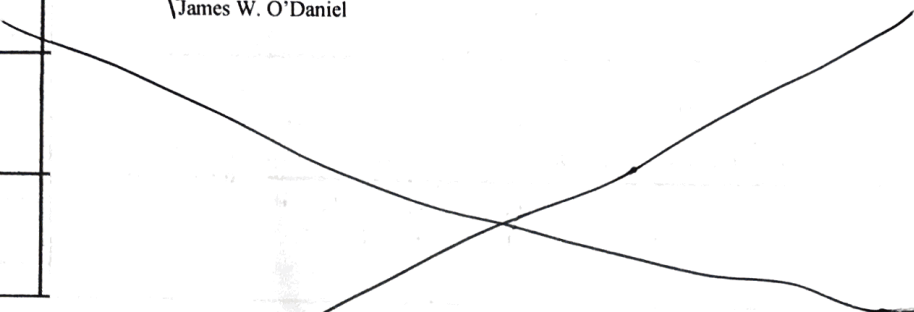
19 **January 2, 2008** Tach Time: **191.6 Hrs** Total Time: **191.6 Hrs** Work Order # **07-5576**  
I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All AD are listed on separate sheets dated 12/21/2004 and updated from ATP library dated 12/28/07. Details pertinent to this inspection are on file under work order #07-5576.

SIGNATURE,  
DATE TYPE  
NUMBER

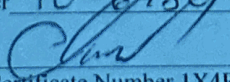
Hetrick Air Services, Inc.  
FAA Approved Repair Station #VKDR861X  
*Lloyd A. Hetrick*  
Lloyd A. Hetrick 2859510



### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__			<p>Date: 2/19/09, Tach Time: 416.7, Total Time Eng Prop: 416.7, Hobbs: 464.0 Dressed leading edge of all three prop blades. No applicable AD's found.</p> <p>2/19/09  A&amp;P 1778632 James W. O'Daniel</p>	
			<p>Date: 2/19/09, Tach Time: 416.7, Total Time Prop: 416.7, Hobbs: 464.0 I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p>2/19/09  A&amp;P 1778632 IA James W. O'Daniel</p>	
				

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__			<p>February 12, 2010 HUB: B3D36C432-B S/N: 041287 Disassembled propeller, cleaned, insp, reassembled using new parts as required &amp; reglued boot leads. All work done IAW McCauley Mans: MPC400, BOM100, SPM100. NOTICE: An AD may apply to the installation of the prop described hereon. The installer is responsible for ensuring complete compliance with any applicable installation A D.</p> <p>Maintenance Release (Repair Only) The aircraft propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details to the repair are on file at this repair station under Order Number <u>10-6480</u></p> <p>Signed  for AIR PROP SPECIALISTS, INC. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446</p>	



**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

Aircraft: N248RR  
 Model: B3D36C432  
 Serial: 041287



Date: 3-11-10  
 Tach Time: 602.8  
 Hobbs Time: 672.4  
 Total Time: 602.8

- 1) C/W ANNUAL INSPECTION IAW FAR 43 APPENDEX D.
- 2) REMOVED PROPELLER FROM AIRCRAFT SENT TO AIR PROP SPECIALIST TO BE RESEALED. INSTALLED PROPELLER ON AIRCRAFT IAW CESSNA MAINTENANCE MANUAL 61-10-00.
- 3) INSTALLED TWO NEW MCCAULEY DEICE BOOTS P/N B-40245-53 ON PROPELLER BLADES #1, AND #3 IAW MCCAULEY ELECTROTHERMAL DE-ICE SYSTEM MANUAL 830415 SECTION 3 AND MPC400. INSTALL TWO NEW DEICE BOOT STRAPS P/N B-40251 IAW MCCAULEY SERVICE LETTER SL2006-5, AND DEICE SYSTEM MANUAL STATED ABOVE CLEANED AND TREATED BOOTS. OPERATION CHECK WAS NORMAL.

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

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance 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 at this repair station under work order W0-12330 Date 3-11-10 Signed [Signature] **AP 31524/ITA**  
 Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL. 32513  
 Repair Station KRTR8051

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		

Aircraft: N248RR  
 Model: B3D36C432  
 Serial: 041287



Date: 04/07/2011  
 Tach Time: 781.1  
 Hobbs Time:  
 Total Time: 781.1

- 1) C/W ANNUAL INSPECTION IAW FAR 43 APPENDEX D.
- 2) RESHIMED PROP SPINNER.

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

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance 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 at this repair station under work order W0-12728 Date 4/07/11 Signed [Signature]  
 Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL. 32513  
 Repair Station KRTR8051





**SERVICE BULLETIN COMPLIANCE RECORD**

S <sup>n</sup> NUM	DATE OF	TOTAL TIME IN SERVICE	TYPE S.B. (X)	NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
N248RR B3D36C432/80VSA-1	Date: 22 Feb 2013	S/N 041287	Tach: 1116.5	TTProp: 1116.5	McCauley	
<p>This propeller has been inspected IAW a Cessna T206 maintenance manual Annual inspection checklist. Removed spinner. Inspected hub, blades, anti ice, spinner and bolts. Installed spinner. AD's checked through bi weekly 2013-02. This propeller has been inspected IAW Annual inspection requirements, has been found airworthy and is returned to service.</p> <p align="right"><i>[Signature]</i> Ryan Koontz AP245049297IA</p>						
28 Feb 2014	N248RR	S/N 120603481	Cessna T206H	Tach: 1302.0	Hobbs: 1449.8	
<p>This propeller has been inspected IAW a Cessna 206 maintenance manual Annual inspection checklist. Removed spinner. Inspected blades/hub, spinner and back plates. Inspected de ice boots and bolts. AD's checked through bi weekly 2014-02, none new noted.. This propeller has been inspected IAW Annual inspection requirements, has been found airworthy and is returned to service.</p> <p align="right"><i>[Signature]</i> Ryan Koontz AP245049297IA</p>						

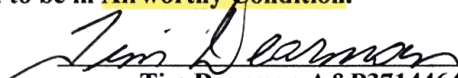
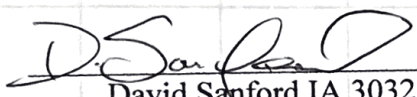
**SERVICE BULLETIN COMPLIANCE RECORD**

N248RR	28 Feb 2015	Tach: 1417.0	TSN: 1417.0			
<p>Prop inspected this date IAW a Cessna T206 maintenance manual. Removed spinner and inspected spinner, blades, hub and bolts through bi weekly 2015-02, none new noted. Found <i>[initials]</i></p> <p>Ryan Koontz AP245049297IA</p>				<p>June 10, 2015. GOV: DC290D1F/T25. SN: 040415. Disassembled governor, flushed and reassembled governor in accordance with McCauley Manual 780401. All other current service information and Airworthiness Directives complied with as of this date. NOTICE: An Airworthiness Directive may apply to the installation of the governor described hereon. The installer is responsible for ensuring complete compliance with any applicable installation Airworthiness Directive.</p>		
N248RR	Date: 01 Apr 2016	Tach: 1453.3	McCauley B3D6C432/80VSA-1			
<p>Performed an Annual Inspection on this Propeller IAW a Cessna T206 maintenance manual checklist. Removed and inspected spinner. Inspected de-ice system. <b>Researched AD's through AD's</b> through bi weekly 2015-02, none new noted. Found <i>[initials]</i> Propeller has been inspected IAW an Annual Inspection requirements, has been found airworthy and is returned to service.</p> <p>Cody McLemore <i>[Signature]</i></p>				<p>Maintenance Release (Governor flush) The aircraft propeller, or appliance identified above was overhauled and inspected in accordance with Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the Repair are on file at this repair station, under Order Number 15-0013.</p> <p>Signed <i>[Signature]</i>, for AIR PROP SPECIALISTS, INC. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446</p>		

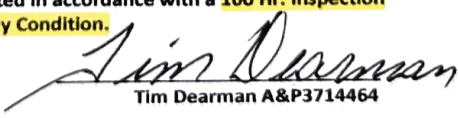
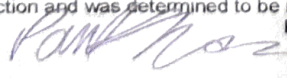
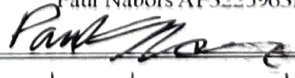




**AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD**

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE-TIME	RE-CURRING			
		Date: 6-29-2017							Propeller Log entry for N248RR
		Tach: 1653.4 hrs.							
		TTP: 1653.4 hrs.							
		TSOH: 00.0 hrs.							
									<b>100 Hr. Inspection</b>
									Inspect this Propeller (041087) as per Cessna Aircraft Co. T206H series maintenance manual and FAR 43.
									I certify that this Propeller has been inspected in accordance with a <b>100 Hr. Inspection</b> and has been determined to be in <b>Airworthy Condition</b> .
									 Tim Dearman A&P3714464
		DATE: 08-28-18		N248RR					PROP
		TACH: 1913.0		TSO:259.6					
									Performed annual inspection I/A/W Cessna M.M. and FAR 43 appendix D. See AD listing for AD compliance. I certify this engine has been inspected I/A/W an annual inspection and was determined to be in airworthy condition
									 David Sanford IA 3032129

**AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD**

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE-TIME	RE-CURRING			
		Date: 12-1-2019							Propeller Log entry for N248RR
		Tach: 2079.0 hrs.							<b>100 Hr. Inspection</b>
		Hobbs: 2336.6 hrs.							
		TSOH: 425.6 hrs.							
									Inspect and service this Propeller as per Cessna T206H series maintenance manual and McCauley service instructions.
									I certify that this Propeller has been inspected in accordance with a <b>100 Hr. Inspection</b> and has been determined to be in <b>Airworthy Condition</b> .
									 Tim Dearman A&P3714464
27 January 2021	TT 2124.8	TSOH 471.4	Tach 2124.8						Performed 100hr inspection and the following work IAW 14 CFR 43 Appendix D filed nick out of leading edge of blade 3. Work performed by Kevin Salisbury. I certify that this propeller has been inspected IAW 100hr inspection and was determined to be in airworthy condition.  Paul Nabors AP3225963IA
									24 FEB 2022 TT 2218.4 TSMO 781.6 I certify this propeller has been inspected in accordance with a <b>100 hr</b> inspection per Cessna 206HMM rev 21 and found airworthy. Work performed by Paul Nabors, Mike Light. Paul Nabors AP3225963IA 



# VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018


FAA CRS VNFR171L

**N248RR TACH & TOTAL 2221.0 H.M. 2498.5 DATE 1/27/2023 W.O. SV10579**

PROPELLER S/N: 041287 TSOH: 567.6

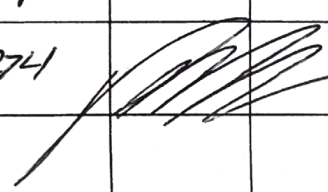
PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 206HMM21. AD'S CHECKED THROUGH 2023-03.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

  
PAUL PARK, CHIEF INSPECTOR

A D  
AMEND

MARKS

N248RR	Tach 2344.6	HOURS 2632.2	4-30-24						
REMOVED prop For Reeval.									
AP1A 3238274 									







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## PROPELLER MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T20608481 N248RR  
PROPELLER MODEL AND SERIAL B3D36CA32/80V\$A-1  
HUB SERIAL 0A1287 BLADE SERIALS Yc26576, YD26306, YD26341



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**McCauley**

# PROPELLER LOGBOOK

PROPELLER MODEL B3D36C4.32-C

PROPELLER S/N 041287

LOGBOOK # \_\_\_\_\_

1. Approving Civil Aviation Authority / Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 3943	
4. Organization Name and Address: LONE STAR PROPELLER 9611 Wright Drive - Midland, Texas 79706				5. Work Order/Contract/Invoice No. 24-03943		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status / Work	
1	Propeller	B3D36C432-C	1	041287	Repaired	
12. Remarks: Resealed McCauley propeller Model: B3D36C432-C, SN: 041287; blade Model: 80VSA-1, SN: YC26576, YD26306, YD26341 in accordance with McCauley Manuals MPC400 and SPM100. Disassembled and cleaned propeller components. Reassembled with new o-rings and seals. Serviced with 2000 CC's 10W red oil and performed leak and operation checks with no defects noted. Lone Star Propeller certifies this propeller has been repaired and is approved for return to service with regard to the work performed.  N248RR Cessna T206H SN: T20608481 Acft Tach: 2,344.6 Acft Hobbs: 2,632.2						
13a. 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 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.		13d. Authorized Signature		14c. Approval/Certificate No.: L79R116Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy): 00/00/00		14d. Name (Typed or Printed): Barton Marler		14e. Date (dd/mm/yyyy): 06/May/2024
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)/article(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.						

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ections

Date



432-788-7137 FLYTEX AVIATION, LLC Seminole TX 79360

N248RR 5-8-24 Tach 2344.6 TSMOH 567.6

Performed annual inspection on prop. Removed propeller due to blades leaking. Sent to Lone Star Propeller to be re-sealed. Reference WO#24-03943 in log for work done. Installed propeller with new O-ring IAW McCauley MM. ADs complied with to this date using Tdata. I certify this prop to be airworthy and return to service.

Jonathan Siemens, A&P IA 3288274



# Deer Horn Aviation Ltd

dba Lone Star Propeller  
 9611 Wright Drive / PO Box 60248, Midland, TX 79711  
 Phone: 432-561-9947 Fax: 432-561-5224  
 CRS# L79R116Y

**Shop Order Invoice: 24-03943**

**Opened: 4/30/2024**  
**Close Date: 5/06/2024**

Sold To: Flytex Aviation LLC  
 424 US Highway 385 South  
 Seminole, TX 79364 US

Ship to Airport: Midland Intl Air And Spac  
 424 US Highway 385 South  
 Seminole, TX 79364 US

**Aircraft Number: N248RR      Type: T206H      S/N: T20608481**

Total Time:      Hobbs Time: 2,632.2      Tach Time: 2,344.6      LG Cycles:

**Discrepancy: 1**

**Problem:**

Evaluate/ reseal McCauley propeller Model: B3D36C432-C, SN: 041287; blade Model: 80VSA-1, SN: YC26576, YD26306, YD26341.

**Action Taken:**

Resealed McCauley propeller Model: B3D36C432-C, SN: 041287; blade Model: 80VSA-1, SN: YC26576, YD26306, YD26341 in accordance with McCauley Manuals MPC400 and SPM100. Disassembled and cleaned propeller components. Reassembled with new o-rings and seals. Serviced with 2000 CC's 10W red oil and performed leak and operation checks with no defects noted.

**Labor: 6.25 hours @ \$150.00 - (10% Discount) = \$843.75**  
**Parts: \$719.86**

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
A-1633-11	O Ring		1.00	Each	8.380\$	8.38
A-1633-12	O Ring		1.00	Each	9.788\$	9.79
A-1633-9	O Ring		2.00	Each	6.359\$	12.72
A-1636-7	Ring, Retaining		2.00	Each	1.820\$	3.64
A-2351	Washer, Fiber		1.00	Each	1.780\$	1.78
A-3150-5	Pin, Roll		3.00	Each	2.066\$	6.20
C-7986	Gasket		1.00	Each	66.410\$	66.41
A-1633-128	O Ring		3.00	Each	200.030\$	600.09
MEK, GAL 299981	Methyl Ethyl Ketone ,GAL299981		0.25	Qt	43.400\$	10.85

**Miscellaneous Charges:**

Consumables: \$ 59.06  
 Publications: \$ 21.09

**Summary:**

Total Parts: \$ 719.86      Consumables: \$ 59.06  
 Publications: \$ 21.09      Total Labor: \$ 843.75

**Totals:**

<b>SubTotal:</b>	\$ 1,643.76
<b>Total Charges:</b>	\$ 1,643.76
<b>Amount Remaining:</b>	\$ 1,643.76