

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. 77WE

Engine Manufacturer LYCOMING

Model ID-360-C4C

Serial No. L-6158-51A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear



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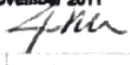
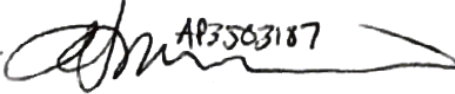
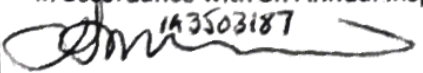
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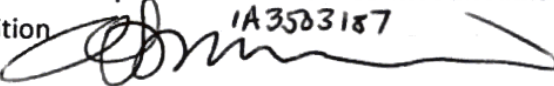
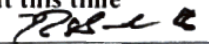
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK									
TOTALS brought forward from previous page													
FULL THROTTLE AIRCRAFT SERVICES <table><tr><td>DATE: 03/18/2009</td><td>AIRCRAFT #: N77WE</td><td>SERIAL #: 28R-35114</td></tr><tr><td>TACH: 4207.81</td><td>TOTAL TIME: 4207.81</td><td>TSMOH: 1817.64</td></tr><tr><td>ENGINE MAKE: LYCOMING</td><td>ENGINE MODEL: IO-360-C1C</td><td>SERIAL # L-6158-51A</td></tr></table>					DATE: 03/18/2009	AIRCRAFT #: N77WE	SERIAL #: 28R-35114	TACH: 4207.81	TOTAL TIME: 4207.81	TSMOH: 1817.64	ENGINE MAKE: LYCOMING	ENGINE MODEL: IO-360-C1C	SERIAL # L-6158-51A
DATE: 03/18/2009	AIRCRAFT #: N77WE	SERIAL #: 28R-35114											
TACH: 4207.81	TOTAL TIME: 4207.81	TSMOH: 1817.64											
ENGINE MAKE: LYCOMING	ENGINE MODEL: IO-360-C1C	SERIAL # L-6158-51A											
Complied with annual inspection this date per FAR 43 appendix D and Piper Service Manual. Checked engine compression, #1 74/80 #2 78/80 #3 76/80 #4 52/80. Removed #4 cylinder and replaced with factory new Lycoming cylinder kit. Cylinder P/N LW-12993, S/N 095700, piston P/N LW-0207-S, piston pin P/N LW-14078. Removed and re-installed propeller for O/H. Replaced alternator belt with new. Replaced #1 cylinder oil return line. Replaced cylinder #1, 2, 3, and 4oil return line hose's. Replaced all exhaust gaskets with new. Re-torqued all fuel injector nozzles. Ground run-up and test flight ok. Complied with AD73-10-2 fuel injector check. Next due at fuel injector removal. Complied with AD2008-14-7, para. "K" fuel injector lines. Larry Reinhardt AP 27439841A													
I certify that this <u>Engine</u> has been inspected in accordance with <u>an/a</u> <u>Annual</u> inspection and was determined to be in <u>airworthy</u> condition. Larry Reinhardt AP 27439841A													
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FULL THROTTLE AIRCRAFT SERVICES <table><tr><td>DATE: 11/01/2010</td><td>AIRCRAFT MODEL: PA28R-200</td><td>AIRCRAFT #: N77WE</td></tr><tr><td>TACH: 4252.84</td><td>TOTAL TIME: 4252.84</td><td>AIRCRAFT S/N: 28R35114</td></tr><tr><td>ENGINE MAKE: LYCOMING</td><td>ENGINE MODEL: IO-360-CAC</td><td>ENGINE S/N: L6158-51A</td></tr></table>					DATE: 11/01/2010	AIRCRAFT MODEL: PA28R-200	AIRCRAFT #: N77WE	TACH: 4252.84	TOTAL TIME: 4252.84	AIRCRAFT S/N: 28R35114	ENGINE MAKE: LYCOMING	ENGINE MODEL: IO-360-CAC	ENGINE S/N: L6158-51A
DATE: 11/01/2010	AIRCRAFT MODEL: PA28R-200	AIRCRAFT #: N77WE											
TACH: 4252.84	TOTAL TIME: 4252.84	AIRCRAFT S/N: 28R35114											
ENGINE MAKE: LYCOMING	ENGINE MODEL: IO-360-CAC	ENGINE S/N: L6158-51A											
COMPLETED ANNUAL INSPECTION THIS DATE I.A.W. FAR 43 APPENDIX D. CHECKED ENGINE COMPRESSION #1 74/80 #2 76/80 #3 74/80 #4 78/80. DRAINED OIL, REMOVED AND CUT OIL FILTER. NO DISCREPANCIES FOUND. INSTALLED NEW CH48110-1 OIL FILTER AND SERVICED ENGINE WITH 8 QUARTS A/S 100W OIL. GREASED ALL ENGINE CONTROLS. CHECKED MAGNETO TIMING AND ADJUSTED. //////////////////////////////////////END////////////////////////////////////// LARRY REINHARDT AP27439841A													
July 11th 2011 Lycoming IO-360-C1C Serial number L-6158-51A Tach time 4284.57 Engine disassembled and reassembled as follows. Crankcase replaced with overhauled unit by Divco, Inc. wo#104297. The following parts all reworked by Aircraft Engine and Accessories, Inc. Crankshaft mains m06 crank pins m03, wo# 164610. Rods wo# 164612, Camshaft wo# 164609, Tappets wo# 164613, Gears and shafts wo# 164614, and crankshaft gear wo# 164611. Installed new main bearings SL11020m06 and SL13884A m06 and rod bearings SL74309A m03 using new AEL75060 bolts and SL12186. Installed new crankshaft gear bolt AEL-STD-2213. Installed new bolts and nut for idler shafts AEL-31H-0.88 and STD-2168. Installed new oil pump gear kit AEL18109-S and AEL61174 pump shaft. All new seals and gaskets installed. Installed three cylinder power assemblies provided by J&J Airparts, Inc. wo# JJI67067-03,04 and 05 using one previously installed Lycoming cylinder assembly installed at tach 4207.81. All piston pins replaced with new AEL14077-1. Reinstalled all existing engine accessories. Prop governor repaired by R&D Propeller Services wo#12943 .Replaced prop governor line 75167with new unit. Serviced with Aeroshell 100 mineral oil. Reinstalled prop. Cleaned and gapped spark plugs. Retimed magnetos. Op's and leak checked Ok. Approved for return to service. AP5503187													
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				TOTALS brought forward from previous page
Nevitt Aircraft Inc. 4309 General Aviation Av. Austin, Texas 78719				
Engine Entry Date: 10/3/2011 Tach: 4320.5				
N77WE WO# 2068				
Maintenance Performed: Installed customer furnished Alternator Filter PN LS03-01004.All work accomplished I/A/W Piper Maintenance Manual.				
James Paul Gogolewski I/A 587053569 				
Brundage Aviation 2 Airport Road Taylor, Texas 76574 (Engine log) Date: 28 November 2011 N182TJ Total Hours Tach 4344.96 R&R Starter W/ skytech p/n (149NL) IAW Aircraft Maintenance Manual. Jason D. Moon 28 November 2011 Mech. 3388972 A&P 				
Nov. 9 th 2011 N77WE Lycoming IO-360-C1C, snL-6158-51A Tach 4310.42				
Changed oil and filter, serviced with Aeroshell 100. Leak checked ok.  AP3503187				
Dec. 11 th 2011 N77WE Lycoming IO-360-C1C snL-6158-51A Tach 4349.42				
Changed oil and filter, serviced with Aeroshell 100W. Cleaned and gapped plugs. All compressions 76 over 80 or better. Timing checked ok. Cleaned fuel screen. I certify that this engine has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition.  1A3503187				

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Dec. 1 st 2012 N77WE Lycoming IO-360-C1C snL-6158-51A Tach 4445.9				
Changed oil and filter, serviced with Aeroshell 100W. Cleaned and gapped plugs. All compressions 78 over 80 or better. Timing checked ok. Cleaned fuel screen. AD2012-19-01 and AD2012-03-06 both N/A by date. I certify that this engine has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition  1A3503187				
2-21-13 4501.6 Tach. Drained old oil and replace filter. Serviced with Aeroshell 100W AD oil. Inspected old filter for metal – none found at this time. Ground ran for leak check- good at this time  2835840 A&P Roy Goad II				
TWE				
04-09-2013 N77WE Tach reading: 4557.36 Power plant Records entry. Compression checks all better than 70/80, cleaned inspected and gapped all spark plugs. Changed oil filter with new Champion oil filter P/N CH48-110- serviced with 8 Quarts of Aeroshell W100 50 weight oil. Complied with AD 2011-26-04 by inspection as per Lycoming SB 342F, next due @ 4657.36 Test ran leak and ops checked all check normal. I Certify this Power Plant / Engine has been inspected in accordance with a 100 hr inspection following FAR43appendix D and was determined to be in airworthy condition. Gene Hamilton A&P 3548834 ucc 1-308 				

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July 12 th 2013	N77WE	Tach 4632.82	Lycoming IO-360-C1C	snL-6158-51A
Removed engine. Replaced crankcase with recertified unit overhauled by Divco, Inc. WDC#109808. Replaced crankshaft seal, intake gaskets, sump and accessory case gasket, cylinder base orings and mag gaskets. Retimed mags, reinstalled prop and all accessories as removed. Reinstalled on aircraft. Serviced with Aeroshell 100W. Op's and leak checked ok. Complied with AD2011-26-04 by inspection, checked ok. Approved for return to service. <i>AP3503187</i>				
August 21 st , 2013	N77WE	Lycoming IO-360-C1C	snL-6158-51A	Tach 4660.56
Changed oil and filter, serviced with Aeroshell 100W. Cleaned and gapped plugs. Compressions 74,78,76,78 over 80, taken hot. Timing checked ok. Replaced air filter element. Cleaned fuel screen. Ops and leak checked ok. <i>AP3503187</i>				
09/21/2013	N77WE	4715.15	TACH	
Serviced ENGINE with a new CH48110-1 OIL FILTER & 8 QT Aero Shell 100 W 50 WT OIL ops & leak checked OK! Returned TO service.				
Gene Hamilton A&P 3548834 USC 1-308				
10-28-2013 N77WE Tach reading And Engine TT: 4763.66 Compression checks all better than 70/80, cleaned inspected and gapped all spark plugs. Checked Mag timing. Changed oil filter with new Champion oil filter P/N CH48-110-serviced with 8 Quarts of Phillips X/C 20-50, and ops checked all checks normal. I Certify this Power Plant / Engine has been inspected in accordance with a 100 hr inspection following FAR43appendix D and was determined to be in airworthy condition. Gene Hamilton A&P 3548834 USC 1-308				
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Jan 3 rd 2014	N77WE	Lycoming IO-360-C1C	sn L-6158-51A	Tach 4798.46
Changed oil and filter. Serviced with Phillips X/C 20W50. Compressions all 76/80, timing checked ok. Cleaned and gapped plugs. Complied with AD2011-26-04 by inspection checked ok next due tach 4898.46. I certify that this engine has been inspected in accordance with an Annual Inspection and is determined to be in airworthy condition. <i>AP3503187</i>				
03/12/14		4851.44		Serviced engine with 8 QTS Phillips XC 20-50 and a Champion CH48110-1 oil FILTER ops & leak checks NORMAL Returned TO service
05-07-2014 N77WE Tach reading: 4907.5 TSMOH 622.93 Power plant Records entry. Compression checks all better than 70/80, cleaned inspected and gapped all spark plugs. Changed oil filter with new Champion oil filter P/N CH48-110-serviced with 8 Quarts Phillips XC 20- 50 weight oil. Complied with AD 2011-26-04 by inspection as per Lycoming SB 342F, next due @ 5007.5 Test ran leak and ops checked all check normal. I Certify this Power Plant / Engine has been inspected in accordance with a 100 hr inspection following FAR43appendix D and was determined to be in airworthy condition. Gene Hamilton A&P 3548834 USC 1-308				
11-01-2014 N77WE Engine Tach: 5001.31 Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 78,77,78,78, Cleaned regapped inspected and tested all spark-plugs. inspected oil suction screen and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5104.31 ops and leak checked normal no leaks.				
I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.				
Joe Gorubec A&P 456025309				
08-12-2014 N77WE 4987.76 tach				
Serviced engine with 8 quarts of Phillips XC 20-50 and a Champion CH48-110-1 Oil Filter OPs and and leak checks normal returned to service				
Joe Gorubec A&P 456025329				
01-17-2015 N77WE Engine . Tach: 5033.90				
Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 78,77,78,78, Cleaned injectors, Cleaned regapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, Installed new magnetos P/N 4370 S/N 14030092 left and 4373 S/N 14031472 right. Replaced Engine driven fuel pump with new P/N 62B26931. C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5133.90 ops and leak checked normal no leaks.				
I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.				
Joe Gorubec A&P 456025309				
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06-03-2015 N77WE Engine .

Tach: 5142.67

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 78,77,78,78, Cleaned injectors, Cleaned regapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5242.67 ops and leak checked normal no leaks.

I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.
Joe Gorubec A&P 456025309

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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5-21-15

5207.70

Serviced Engine with 8 Quarts of Phillips 20-50XC and a Champion CH48110-1 filter A&P 456025309 for Gorubec ops & leak check Returned to service.

08-17-2015 N77WE Engine .

Tach: 5250.22

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 72,71,76,79, Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5350.22 ops and leak checked normal no leaks.

I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.
Gene Hamilton A&P 3548834
ucc1-308

08-15-2015 Cessna N652MA Tach reading 2152.5

Serviced Engine with a Champion CH48110 Oil Filter and 8 Quarts of Phillips XC 20-50 Ops checked and Leak checked Returned to Service.

Joe Gorubec A&P 45602530

Joe Gorubec

09-24-2015 N77WE Tach reading 5297.2

Serviced Engine with a new Champion CH48110 Oil Filter and 8 Quarts of Phillips XC 20-50 Ops checked and Leak checked Returned to Service.

Joe Gorubec A&P 45602530

Joe Gorubec

11-03-2015 N77WE Engine .

Tach: 5353.08

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 72,71,76,79, Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5453.08 ops and leak checked normal no leaks.

I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Joe Gorubec A&P 456025309

Joe Gorubec

12-30-2015 Cessna N77WE Tach reading 5408.77

Serviced Engine with a new Champion CH48103-1 Oil Filter and 8 Quarts of Phillips XC 20-50 Ops checked and Leak checked Returned to Service.

Joe Gorubec A&P 45602530

Joe Gorubec

01-06-16 Piper N77WE. Tach reading 5419.42.

Removed Failed Magnetos p/n's off 4370 right & 4373 left. s/n's off 14031472 right & 14030092 Left.

Installed New Magnetos p/n on 4370 & s/n on 15091299 Right. & p/n on 4373 & s/n on 14110154 Left.

IAW Lycoming IO360C1C Service Manual.

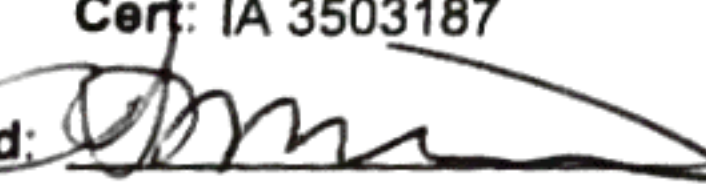
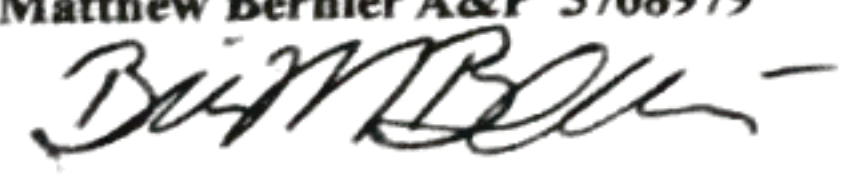
SUE Gene Hamilton A&P 3548834

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Date: 01/31/2016	Hours: 5435.77			Tail: N77WE
Make: Lycoming	Model: IO-360-C1C			S/N: L-6158-51A
Changed oil and filter. Serviced with 7 quarts Phillips 20W50. Compressions all 72/80+. Timing checked ok. Gapped all spark plugs. Cleaned fuel screen. Rerouted fuel hose between fuel pumps. CW AD15-19-07 by inspection, checked ok, next due Tach 5535. I certify that this engine is approved for return to service in airworthy condition following the work performed during an annual inspection.				
Name: Robert Gloris				Cert: AP3503187
Co: Lakeview Aviation				Signed: 
04-12-2016 Piper N77WE Tach reading 5487.19				
Serviced engine with new Champion CH48103-1 oil filter and 8 Quarts of Phillips XC20-50 ops checked and leak checked Returned to service.				
Joe Gorubec A&P #45602530				
Joe Gorubec				
05-13-2016 N77WE Aircraft S/N PA28R-35114 ACTT 5,534.78 Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 78,76,78,78, inspected oil suction screen and fuel screens ops and leak checked normal no leaks. Cleaned injectors, cleaned, regapped, and tested all spark plugs C/W AD2011-26-04 by inspection(fuel lines) as per Lycoming SB-342F next due 5634.78				
I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.				
Joe Gorubec A&P 456025309				
Joe Gorubec				
07-06-2016 Piper N77WE Tach reading 5591.82				
Serviced engine with new Champion CH48103-1 oil filter and 8 Quarts of Phillips XC20-50 ops checked and leak checked Returned to service.				
Joe Gorubec A&P #45602530				
Joe Gorubec				
09-14-2016 N77WE Engine . Tach: 5641.0				
Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 69,75,73,79, Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5741.0 ops and leak checked normal no leaks.				
I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.				
Joe Gorubec A&P 456025309				
Joe Gorubec				

TOT

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11-06-2016 N77WE Tach reading 5687.5 Serviced Engine with a new Champion CH48110 Oil Filter and 8 Quarts of Phillips XC 20-50 Ops checked and Leak checked Returned to Service. Gene Hamilton A&P 8548834 				
Date: 02/03/2017 Hours: Tach 5752.28 Tail: N77WE Make: Lycoming Model: IO-360-C1C S/N: L-6158-51A Changed oil and filter. Filter inspected and checked ok. Serviced with Phillips 20W50XC. Replaced air filter element. Cleaned and gapped spark plugs. Compressions all 72/80+. Removed fuel flow divider, reinstalled following overhaul by Aircraft Carburetor and Injection Service. wo#6617. Complied with AD15-19-07 by inspection checked ok, next due Tach 5852. Op's and leak checked ok. I certify that this engine is approved for return to service following the work performed during an annual inspection and determined it to be in airworthy condition.				
Name: Robert Gloris Cert: IA 3503187 Co: Lakeview Aviation Signed: 				
03/10/2017 N77WE TACH: 5768.58 Serviced Engine with a new Champion CH48110-0 Oil Filter and 7 Quarts of Phillips 20W50XC. Ops checked and Leak checked Returned to Service. Brian Matthew Bernier A&P 3708979 				
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Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 69,75,73,79, Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs, inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 5911.69 ops and leak checked normal no leaks.

I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979



05/16/2017 N77WE TACH: 5857.0

Serviced Engine with a new Champion CH48111-1 Oil Filter and 8 Quarts of Phillips 20W50XC. Ops checked and Leak checked Returned to Service.

Brian Matthew Bernier A&P 3708979



07/19/2017 N77WE S/N: 28R-35114 TACH: 5896.34

Removed and replaced repaired Hydraulic power pack. Operational check completed with no leaks or defects found. Repaired by Aerospace Turbine Rotables Inc. WO# WO109802, Approval/Certificate No: NV2R045L.

This aircraft is approved for return to service with respect to the work performed.

Brian Matthew Bernier A&P 3708979

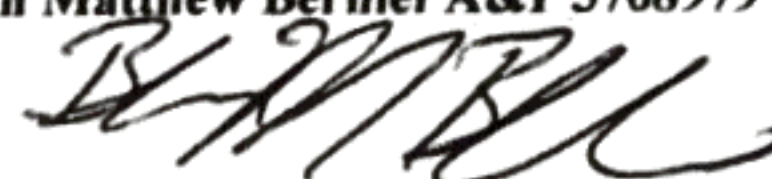


08/01/2017 N77WE S/N: 28R-35114 TACH: 5899.02

Installed overhauled alternator p/n 4111810, s/n 7569. Installed new voltage regulator p/n R1510L, s/n 600035. Operational check completed with no defects found.

This aircraft is approved for return to service with respect to the work performed.

Brian Matthew Bernier A&P 3708979

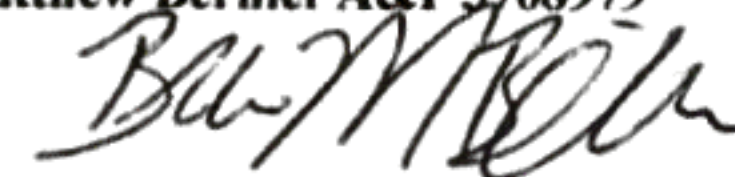


08/03/2017 N77WE Engine Tach: 5900.10

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 75,80,76,77 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs, inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6000.1 ops and leak checked normal no leaks.

I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

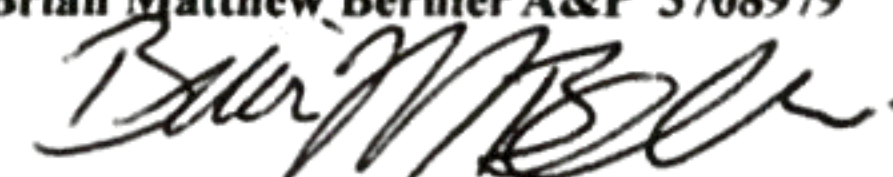
Brian Matthew Bernier A&P 3708979



09/28/2017 N77WE TACH: 5946.90

Serviced Engine with a new Champion CH48110-1 Oil Filter and 7 Quarts of Phillips 20W-50. Installed overhauled #3 cylinder kit P/N LW12987N1 Ops checked and Leak checked Returned to Service.

Brian Matthew Bernier A&P 3708979



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11/21/2017 N77WE Engine Tach: 5989.70

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 75,80,77,77 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6089.70 ops and leak checked normal no leaks. I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

DESCRIPTION OF WORK PERFORMED—
& CERTIFICATE NO. OF PERSON PERFORMING WORK

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01/18/2018 N77WE TACH:6037.35

Serviced Engine with a new Champion CH48110-1 Oil Filter and 8 Quarts of Phillips XC 20-50 Ops checked and Leak checked Returned to Service.

Brian Matthew Bernier A&P 3708979

Date:02/22/2018 Hours TT: 6052.45
Make: Lycoming Model: IO-360-C1C

Tail: N77WE
S/N:L-6158-51A

Complied with annual inspection per FAR 43 appendix D and manufactures maintenance instructions. Compression check completed with 1(78/80) 2(60/80) 3 (77/80) 4(79/80).Complied with AD15-19-07, no defects found. Installed new spark plugs p/n UREM38E, Serviced engine with 7 quarts of Phillips 20-50 and A Champion filter. Opened filter with no defects found. Performed post engine run up with no leaks/defects found. Inspected exhaust for leaks, none found, Magneto timing checked good.

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Brian Matthew Bernier IA 3708979

03/22/2018 N77WE Engine Tach: 6082.50

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 60,80,77,77 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6182.50 ops and leak checked normal no leaks. I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

6123.82

04/19/2018 N77WE Engine Entry TACH: 6123.82

Serviced engine with 7 quarts of Phillips 20-50 XC and a Champion CH48110-1 oil filter. Ops checked and returned to Service.

Brian Matthew Bernier A&P 3708979

06/15/2018 N77WE Engine Tach: 6179.02

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 65,80,77,76 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6279.02 ops and leak checked normal no leaks. I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

SUB-TOTAL

TOTALS

08/06/2018 N77WE Engine Log TACH:6206.33

Installed new AFT muffler assembly P/N67571-00. Installed overhauled IO-360 #4 Cylinder P/N: LW12993N1. Operational check completed after installation. Work completed IAW manufactures maintenance manuals.

This Aircraft is approved for return to service in regards to work performed.

Brian Matthew Bernier A&P 3708979

DESCRIPTION OF WORK PERFORMED—
& CERTIFICATE NO. OF PERSON PERFORMING WORK

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10/31/2018 N77WE Engine Tach: 6272.51

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 66,80,78,76 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs. inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6372.51 ops and leak checked normal no leaks. I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

1/3/2019 - 6311.83

Date: 02/01/2019 Hours: Tach 6311.83

Tail#: N77WE

Make: Lycoming

Model: IO-360-C1C

S/N: L-6158-51A

Engine dis-assembled due to cracked crankcase. Replaced crankcase with new Lycoming pn 11B20061-1SL sn BB11034. Replaced camshaft with new AEL18840 and lifter bodies with new SL72877. Replaced main bearings with new AEL16711M06 and new Lycoming 18A26093M06. Replaced crankshaft seal. Installed two overhauled cylinder assy.s with J&J Airparts nickel cylinders wo# 77982, 78104. Reinstalled no.3 and 4 cylinder assy's. All new piston pins installed. All new seals and gaskets installed. Replaced all oil drain back tubes. All work done in accordance with Lycoming service manual.

Name: Robert Gloris

Co: Lakeview Aviation

Cert: AP3503187

Sign:

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OF WORK PERFORMED—
NO. OF PERSON PERFORMING WORK

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Betty W. Blevins

05/03/19	TACH:	6357.06
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Serviced engine with 7 quarts Phillips
20-50XC and CH48110-1 filter.
Operational check completed aircraft
returned to service.

Brian Matthew Bernier A.P 3708979

B. W. R.

06/21/19 TACH: 6392.62

Installed new starter p/n ER2-8011
S/n H-T051408. Operational check
completed aircraft returned to service

Brian Matthew Bernier A.P 3708979

Barry R. Bell

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 66,80,78,76 Cleaned injectors, Cleaned re gapped inspected and tested a spark-plugs, inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6513.47 ops and leak checked normal no leaks I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 4 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

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11/22/2019 N77WE Engine Tach: 6517.58

Serviced engine with 8 Quarts of Phillips 20-50 XC and a Champion CH48110-1 filter Checked Cylinder Compression's 66,80,77,76 Cleaned injectors, Cleaned re gapped inspected and tested all spark-plugs, inspected oil suction screen, and fuel screens, C/W AD 2011-26-04 by inspection (fuel lines) as per Lycoming SB 342F next due @ 6617.58 ops and leak checked normal no leaks. I certify this Engine has been inspected in accordance with a 100 hour inspection following FAR 43 appendix D and was determined to be in airworthy condition.

Brian Matthew Bernier A&P 3708979

Ben A. Bell

01/14/2020	TACH: 6560.12
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Serviced engine with 7 quarts Phillips
20-50XC and CH48160-1 oil filter.
Leak check completed, aircraft returned
to service.

Brian Matthew Bernier A.P 3708979

Sam R

Date:02/19/2020 Hours TT: 6578.89 Tail: N77WE
Make: Lycoming Model: IO-360-C1C S/N:L-6158-51A

Complied with annual inspection per FAR 43 appendix D and manufactures maintenance instructions. Compression check completed with 1(78/80) 2(60/80) 3(77/80) 4(79/80). Complied with AD15-19-07, no defects found. Installed new spark plugs p/n UREM38E, serviced engine with 7 quarts of Phillips 20-50 and a Champion filter. Opened filler with no defects found. Performed post engine run up with no leaks /defects found. Inspected exhaust for leaks, none found, Magneto timing checked good.

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Brian Matthew Bemier IA 3708979

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DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Date: 03/01/2021	Hours TT: 6671.28	TSMOH: 4281.11	Tail: N77WE	
Make: Lycoming	Model: IO-360-C1C		S/N: L-6158-51A	
Complied with annual inspection per FAR 43 appendix D and manufactures maintenance instructions. Compression check completed with 1(78/80) 2(62/80) 3(77/80) 4(78/80). Complied with AD15-19-07, no defects found. Spark plugs cleaned and gapped. Serviced engine with 7 quarts of Phillips 20-50 and A Champion filter. Opened filter with no defects found. Installed new valve cover gaskets P/N SL67193. Installed new exhaust risers P/Ns A67810-000, A67812-000 and muffler P/N A67517-00. Installed new silicone engine baffles P/N 13-18527. Performed post engine run up with no leaks/defects found. Inspected exhaust for leaks, none found, Magneto timing checked good. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Brian Matthew Bernier IA 3708979 <i>Brian Bernier</i>				
8/20/21	Tach: 6713	Svc'd w/ 8qts Phillips X/C 20W50		
		Rplcd Filter w/ Tempest AA48110-2		
		Rplcd 2 cyl cover bolts		
		Worked w/ Bart Pokzal @ KGTU		
		- Steven Joyner (owner)		
10/1/21	Tach 6765.94	Svc'd w/ 8qts Phillips X/C 20W50		
		Rplcd filter w/ Champion CH48110-1		
		- Steven Joyner (owner)		
MAKE: Piper MODEL: PA 28R-200 S/N: 28R-35114 REG NO: 77WE WORK ORDER 12395-10-2021 Flightline Group, Inc. 3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515 DATE: 10/28/2021 A/C TSN: TACH: 6782.11 Airframe Entries Tightened #2 cylinder exhaust pipe attach nuts. Removed and replaced left and right cabin air ducts from muffler shroud too firewall. The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft. DATE: 10/28/2021 SIGNED: <i>James Brown</i> Work Order: 12395-10-2021 James Brown, A&P 2847216 Printed by EBis 3 (datcomedia.com)				

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				Blue Skies Aviation 1982 Airport Dr. San Marcos, TX 78666 512-392-7035 www.blueskiesaviation.aero N77WE 05/11/2022 Engine Tach: 6797.97 ETT: 6797.97 ETSOH: 2512.97 Changed oil with 8 Qts of Phillips X/C 20W50 and replaced oil filter with AA48110-2. Cut open filter to inspect for metal, none found. Removed, cleaned, gapped, tested and reinstalled spark plugs with new gaskets. Checked timing of magnetos to engine. Leak checked muffler. Installed missing vacuum pump stand off and reinstalled vacuum pump and leak checked. Tightened #1 oil drain back tube. Replaced Stud on exhaust side of Cyl #3. Performed a hot compression check: #1 72/80 #2 76/80 #3 72/80 #4 77/80. C/W AD: 15-19-07 by inspection of fuel lines and clamps, no defects due again at Tach: 6897.97. I certify that this engine was inspected I.A.W. FAR 43 (d) and the AMM Annual Inspection check list and was found to be in airworthy condition. <i>Shaune Maycock</i> Shaune Maycock A&P 3012939 I.A.
3/5/23	Tach 6853.16	Svc'd w/ 8qts Phillips X/C 20W50		
		Rplcd Filter w/ Champion CH48110-1		
		- Steven Joyner (owner)		
				Blue Skies Aviation 1982 Airport Dr. San Marcos, TX 78666 512-392-7035 www.blueskiesaviation.aero N77WE 07/07/2023 Engine Tach: 6858.50 ETT: 6858.50 ETSOH: 2573.50 Changed oil with 8 Qts of Phillips X/C 20W50 and replaced oil filter with AA48110-2. Cut open filter to inspect for metal, none found. Removed, cleaned, gapped, tested and reinstalled spark plugs with new gaskets. Checked timing of magnetos to engine. Leak checked muffler. Replaced #3 and #4 exhaust gaskets with factory new gaskets. Performed a hot compression check: #1 72/80 #2 76/80 #3 68/80 #4 78/80. C/W AD: 2015-19-07 by inspection of fuel lines and clamps, no defects due again at Tach: 6958.50. I certify that this engine was inspected I.A.W. FAR 43 (d) and the AMM Annual Inspection check list and was found to be in airworthy condition. <i>Mary Hentschel</i> Gary Hentschel A&P 3283257 I.A.
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1982 Airport Dr. San Marcos, TX 78666
512-392-7035 www.blueskiesaviation.acro

Changed oil with 8 Qts of Philips X/C 20W50 and replaced oil filter with AA48110-2. Cut open filter to inspect for metal, none found. Removed, cleaned, gapped, tested and reinstalled spark plugs with new gaskets. Checked timing of magnetos to engine. Leak checked muffler. Replaced #3 and #4 exhaust gaskets with factory new gaskets. Tightened all valve cover screws. Performed a hot compression check: #1 78/80 #2 76/80 #3 74/80 #4 78/80. C/W AD: 2015-19-07 by inspection of fuel lines and clamps, no defects due again at Tach: 6987.69. I certify that this engine was inspected I.A.W. FAR 43 (d) and the AMM Annual Inspection check list and was found to be in airworthy condition.

REFORMED—
SON PERFORMING WORK

6791 (01-28-2026)

MAKE: Piper
MODEL: PA-28R-200
S/N: 28R-35114
REG. NO: 77WE
ENGINE MAKE: LYCOMING
ENGINE MODEL: IO-360-C1C
ENGINE SN: L-6158-51A



Chuck's Aircraft, LLC.
6200 Aviation Dr. AC101
Austin Executive Airport
Pflugerville, TX 78660

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W/O #: 6791
DATE: 01-28-2026
ENG TT: 6897.9
TSMOH: 2612.9
A/C Tach: 6897.9
Hobbs:

Engine Entries

Compressions: #1 70/80, #2 62/80, #3 60/80, #4 75/80, all acceptable per S.I. 1191A. Drained oil and replaced filter. Opened old filter for inspection, no debris noted. Inspected suction screen. Serviced engine with 7 quarts of Phillips X/C 20w50 oil. Cleaned, gapped and rotated spark plugs, replaced gaskets. Checked magneto timing. Pressure checked exhaust system, no defects noted. Pressure checked engine bay fuel system, no leaks noted. Ran up, checked for leaks and performance, found satisfactory. ... Removed and reinstalled exhaust assembly with new hardware and gaskets IAW Lycoming Overhaul Manual after replacing cylinder exhaust studs and resurfacing cylinder exhaust faces on cylinders #2 and #3. All work done IAW AC43-13. Installed new valve cover gasket on cylinder #3, p/n: 67193... Replaced cylinder #3 fuel injection line with new p/n: APS12098-210, leak checked, none noted... Removed and Reinstalled both magnetos, p/n: 43770; s/n: 15091299 and p/n: 4373; s/n: 14110154 after 500 hour inspection performed by Aircraft Electrical Components Inc under W.O. #13023, dated: 09/Jan/2026. Timed magnetos per engine data plate. ... C/W AD2015-19-07 Fuel Injection Line and Clamp Inspection. Due again in 110 hours TIS or when disturbed, whichever occurs first.

I certify this engine has been inspected in accordance with a 100-hour inspection and was found to be in airworthy condition.

DATE: 01-28-2026

SIGNED:

Colin Gangi
A&P: 4213181

WORK ORDER: 8791

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7115 (08-24-2026)

MAKE: Piper
MODEL: PA-28R-200
S/N: 28R-35114
REG. NO: 77WE
ENGINE MAKE: LYCOMING
ENGINE MODEL: IO-360-C1C
ENGINE SN: L-6158-51A



Chuck's Aircraft, LLC.
6200 Aviation Dr. AC101
Austin Executive Airport
Pflugerville, TX 78660

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W/O #: 7115
DATE: 06-24-2026
ENG TT: 6905.88
TSMOH:
A/C Tach: 6905.88
Hobbs: 3032.2

Engine Entries

Replaced Cylinder #3 with new, P/N: TIST13.0CA, S/N: AC23JC270 from Continental Aerospace Technologies, Inc. on work order #1F4189, dated: 11/Jul/2024 with reference to Lycoming Overhaul Manual, Section 6. Drained oil and replaced filter, serviced with Shell 100 mineral oil. Performed ground run up. Operational check satisfactory.

Described maintenance is airworthy with respect to work performed

DATE: 06-24-2026

SIGNED:

Robert McBride
A&P: 2710158

WORK ORDER: 7115

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