

# Engine Maintenance Records

*The Power of Experience*

**PENN YAN AERO**

# Engine Maintenance Records

Log Number:	_____
Aircraft Registration Number:	_____
Engine Manufacturer:	<u>Lycoming</u>
Model:	<u>O-320-E20</u>
Serial Number:	<u>L-43567-27A</u>
Date Installed on Aircraft:	_____
Time Between Overhauls:	<u>2000 hours</u>
Engine Position:	_____

*The Power of Experience*



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

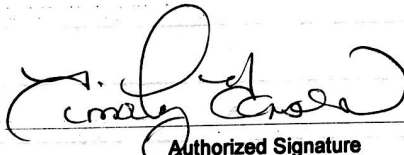

315-536-2333

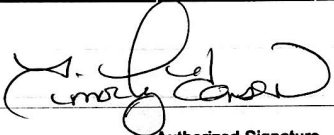
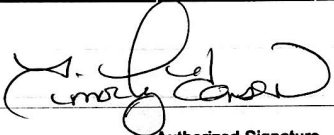
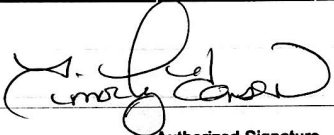
Repair Station Approval

FAA: Y2GR396Y

EASA.145.5936

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

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>				
			<div style="border: 2px solid black; padding: 10px;"> <p>This is to certify that the engine described hereafter has been overhauled by Penn Yan Aero to new parts tolerances and limits as specified by the manufacturer. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied.</p> <p>This engine has been dynamic balanced in accordance with FAA Approved Process Specification AMP-4302.</p> <p>Installed new Lycoming P/N: 05K21237-A cylinder kits at this time.</p> <div style="text-align: right; margin-top: 20px;">             Authorized Signature         </div> <div style="float: right; width: 200px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Our WO# 37033-13</td> <td style="padding: 2px;">Dated 10/1/2012</td> </tr> <tr> <td style="padding: 2px;">Engine Model O-320-E2D</td> <td style="padding: 2px;">Serial Number L-43507-27A</td> </tr> </table> <p style="text-align: center; margin-top: 10px;"><b>This engine has been overhauled to Zero Time Tolerances by Penn Yan Aero</b></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">             Previous Time in Service 5882.8           </div> <div style="text-align: center; margin-top: 10px;">   <b>Penn Yan Aero</b>              2499 Bath Road, Penn Yan, New York 14527              Telephone: 1-315-536-2333  <a href="http://www.pennyanero.com">www.pennyanero.com</a>              FAA Approved Repair Station: Y2GR396Y              EASA 145.5936           </div> </div> </div>	Our WO# 37033-13	Dated 10/1/2012	Engine Model O-320-E2D	Serial Number L-43507-27A
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				<div data-bbox="527 962 1502 1572" data-label="Complex-Block"> <p>The accessories listed are either new or were overhauled (as indicated) and supplied with this engine:</p> <table border="1"> <tr> <td colspan="3">Engine Model O-320-E2D</td> <td>Right Magneto - Part# 4370 (New)</td> <td>Right Magneto - SN# 13081242</td> </tr> <tr> <td>Serial Number L-43507-27A</td> <td>Our WO# 37033-13</td> <td>Invoice Date 10/1/2013</td> <td>Left Magneto - Part# 4371 (New)</td> <td>Left Magneto - SN# 13080785</td> </tr> <tr> <td colspan="3" rowspan="9">             Authorized Signature  <b>Penn Yan Aero</b>            Penn Yan Aero            2499 Bath Road, Penn Yan, New York 14527            Telephone: 1-315-536-2333            www.pennyanaero.com            FAA Approved Repair Station: Y2GR396Y            EASA 145.5936         </td> <td>Injector/Carb - Part# 10-5009</td> <td>Injector/Carb - SN# BL-20-12746</td> </tr> <tr> <td>Fuel Pump - Part# N/A</td> <td>Fuel Pump - SN# N/A</td> </tr> <tr> <td>Starter - Part# 149-NL (New)</td> <td>Starter - SN# FN-201392</td> </tr> <tr> <td>Turbo - Part# N/A</td> <td>Turbo - SN# N/A</td> </tr> <tr> <td>Controller - 1 - Part# N/A</td> <td>Controller - 1 - SN# N/A</td> </tr> <tr> <td>Controller - 2 - Part# N/A</td> <td>Controller - 2 - SN# N/A</td> </tr> <tr> <td>Wastegate - Part# N/A</td> <td>Wastegate - SN# N/A</td> </tr> </table> </div>	Engine Model O-320-E2D			Right Magneto - Part# 4370 (New)	Right Magneto - SN# 13081242	Serial Number L-43507-27A	Our WO# 37033-13	Invoice Date 10/1/2013	Left Magneto - Part# 4371 (New)	Left Magneto - SN# 13080785	 Authorized Signature <b>Penn Yan Aero</b> Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanaero.com FAA Approved Repair Station: Y2GR396Y EASA 145.5936			Injector/Carb - Part# 10-5009	Injector/Carb - SN# BL-20-12746	Fuel Pump - Part# N/A	Fuel Pump - SN# N/A	Starter - Part# 149-NL (New)	Starter - SN# FN-201392	Turbo - Part# N/A	Turbo - SN# N/A	Controller - 1 - Part# N/A	Controller - 1 - SN# N/A	Controller - 2 - Part# N/A	Controller - 2 - SN# N/A	Wastegate - Part# N/A	Wastegate - SN# N/A
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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
02 29 2013	5882.7	-0-	6061.7	Balance Forward  This engine installed in Cessna 172 N3PA, installation made with new engine mount & new bolts, (94011-20 Barry) Replaced oil pressure hose, repaired baffles as necessary, engine test ran, mixture & idle speed adjusted, engine approved for return to service  <i>Gerald Abbott</i> 2011001 IA
5-20-14	5904.7	22.0	6086.7	Engine oil and filter changed filter inspected found normal engine test ran and returned to service  <i>Gerald Abbott</i> 2011001 IA

**ABBOTT AERO SERVICES N3PA**

June 3, 2014 TACH 6087.3 TT 5895.4 SMOH 12.6

Spark plugs cleaned and gaped. Ignition leads cleaned. Tightened all rocker cover screws. fuel system serviced. Engine test ran and returned to service.

Compression test. (1) 78 (2) 77 (3) 78 (4) 78

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

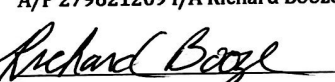
*Gerald Abbott*

Gerald L Abbott 2011001 IA



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
8-22-14			6109.7	Balance Forward CARB Removed and sent to Penn Yan <i>20140918 P/T Jan 11 2015</i>
9-12-14			6109.7	CARB Reinstalled using new GASKETS, ENGINE TEST RAM CARD IDLE & MIXTURE ADJUSTED AIRCRAFT RETURNED TO SERVICE <i>20141218 P/T Jan 11 2015</i>
8/1/2015			6119.1	REMOVED THIS ENGINE FROM N3PA. O-320-E2D SN# L-43507-27A. LVC. <i>20150718 P/T Jan 11 2015</i> Tim Masters 2802663IA
Date 8/4/15 N7818G Tach 4568.54 TT4568.54				Removed Lycoming O-320-E2D S/N 35197-27A TSO 2485.6 from N3PA, Installed Lycoming O-320-E2D Engine S/N L-43507-27A SMOH 54.4 and all ACC,s on N7818G Ground run satisfactory, aircraft is returned to service.
Tim Masters A/P 2802663 I/A <i>Tim Masters</i>				
Date-Jan.1,2017 Engine Log N 7818G PHILLIPSBURG AIRPORT				
Hobbs- Tach Time-4583.2 Make/Model-Cessna 172				
SMOH-69.1 Engine-O-320-E2D SN#-L-43507-27A				
Inspected engine I/A/W FAR 43, appendix D. Drained oil, inspected oil filter, installed new AA48110 and serviced with 7 quarts Phillips XC 20w-50. Compression test #1-76/80, #2-77/80, #3-77/80, #4-76/80. Cleaned, gapped and rotated spark plugs. AD's checked thru current revision. Ground run satisfactory.				
I certify this engine has been inspected I/A/W a/an annual inspection and is found to be airworthy at this time.				
Tim Masters 2802663IA <i>Tim Masters</i>				



Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed	Technician Performing Work
N7818G	Phillipsburg Airport LLC	Engine LOG			
DATE 10/26/2018 MAKE Cessna Model 172 I		Tack 4583.24 HOBBS 613.3 SMOH 69.1 S/N 17259518		N7818G Phillipsburg Airport LLC ENGIEN LOG DATE 12/05/2018 MAKE Cessna Model 172 L	N7818G Phillipsburg Airport LLC <del>ENGINE LOG</del> DATE 3/12/2018 <b>ENGINE</b> MAKE Cessna Model 172 L
<p>1.C/W annual inspection in accordance with FAR 43 APENDDIX D, Using Cessna AMM as a guide.</p> <p>2.Removed and cut open oil filter, no defect's noted. Installed new oil filter P/N AA48110-2. Serviced engine with 7 QT of 20/50 M Phillips.</p> <p>2. Checked compression #1 76 #3 77 #2 77 #4 76 over 80.</p> <p>3.Checked Mag timing</p> <p>4.R&amp;R air filter BA-6108</p> <p>5.Tested , gaped , Cleaned and rotated spark plugs.</p>				<p>1.Removed and cut open oil filter, no defect's noted. Installed new oil filter P/N AA48110-2. Drained oil and Serviced engine with 7 QT of 20/50 Phillips</p> <p>The aircraft and /or component listed above was repaired and or inspected in accordance with current regulations of the FAA, and is approved for return to service. A/P 3176242 Danny Power</p>	<p>1.Removed and cut open oil filter, no defect's noted. Installed new oil filter P/N AA48110-2. Drained oil and Serviced engine with 7 QT of 20/50 Phillips.</p> <p>The aircraft and /or component listed above was repaired and or inspected in accordance with current regulations of the FAA, and is approved for return to service. A/P 4076904 Echota Henderson</p>
<p>I certify that this aircraft has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.</p> <p>A/P 279621209 I/A Richard Booze</p>					
					

Totals - Carry Forward

