



*The Standard*

# ENGINE LOG

ASA-SE-1

N8288J

From: 5-10-2011

TT  
2429.8

To :

The Standard Engine Log  
SE-1

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ISBN 1-56027-416-6  
978-1-56027-416-2

ASA-SE-1

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Published by  
Aviation Supplies & Academics, Inc.  
7005 132nd Place SE  
Newcastle, WA 98059-3153  
Website: [www.asa2fly.com](http://www.asa2fly.com)  
Email: [asa@asa2fly.com](mailto:asa@asa2fly.com)

Printed in the United States of America



P N R A S A - S E - 1

ISBN 978-1-56027-416-2



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Engine Record General Information

Manufacturer Lycoming Model 0320-A2C  
Serial L-48982-27A Type Certificate \_\_\_\_\_  
This engine is currently installed in aircraft Varga Kachina 2150 N8288J  
s/n VAC-134-79  
Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_  
Magnetto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_  
Spark Plug Gap \_\_\_\_\_  
Manufacturer recommended overhaul at \_\_\_\_\_ hours



**Registered Owner Record**

Name Robert DuSair Address 5825 Buttercup Lane PO BOX 2549  
City Avila Beach State CA From 7-2004 To \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**Notes**



YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-18	2481.8			Changed engine oil w/ 7qts Aeroshell 100+. Changed engine oil filter w/ Champion CH48110-1 M. Cameron Edwards Pilot/Owner CP3298018.
				N8288J TACH: 2496.0 Date: 09/02/12 TSMOH: 515.6
				- Removed and Replaced Intake Couplers P# STD-1196 with new. - Removed and Replaced Intake Gaskets P# 71793 with new. - Engine run up and leak check good.
				M. Cameron Edwards AP510828763IA <i>M. Cameron Edwards</i>

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<div style="border: 1px solid black; padding: 5px;"> <p>Coastal Valley Aviation, Inc. ENGINE 3119 Liberator St. DATE: 1/18/2013 Santa Maria, CA 93455 N8288J (805)928-7701 Tach: 2509.1 Lycoming O-320-A2C TTE: 2509.1 S/N L48982-27A SMOH: 526.7</p> <p>1. Reinstalled #2 cylinder after repair by Repair Station #T22R537Y 2. Changed oil &amp; filter serviced w/ Aeroshell mineral oil</p> <p><i>Richard Holder</i> Richard Holder A&amp;P570638469IA</p> </div>



YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
N8288J	TACH: 2509.1	Date: 01/26/13		
DATE	Lycoming O-320-A2C	S/N: L-48982-27A	TSMOH: 528.7	TTE: 2509.1
1.	Compression test IAW Lycoming SI 1191A #1-79 #2-68 #3-79 #4-78			
2.	Drained oil, cut open filter, no contamination noted.			
3.	Oil analysis trend noted potential issue with #2 cylinder, cylinder removed, repaired and replaced by Coastal Valley Aviation (See log entry dated 1/18/13) Engine serviced with mineral oil.			
4.	Checked magneto timing			
5.	Cleaned, gapped, tested, rotated and installed and torque spark plugs			
6.	Removed and replaced induction air filter with new			
7.	Lubed all controls			
8.	Engine run up, leak check and operational inspection satisfactory			
I certify this engine has been inspected IAW an annual inspection this date and has been determined to be in airworthy condition.				
M. Cameron Edwards AP510828763IA <i>M. Cameron Edwards</i>				

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2013	TACH	TIME	FLIGHT	TIME IN SERVICE
DATE				
4-14	2527			changed oil from mineral oil to Aeroshell 100+
				changed oil filter w/ Champion CH48110-1
				Norfolk Pilot/owner CP3298018
N8288J	TACH: 2557.0	TSMOH:	Date: 08/16/2013	
- Drained oil, Inspected filter, Installed new filter (CH48110) and serviced engine with 7 qts Aeroshell 100 plus.				
- Leak and Operational Checkout Good				
M. Cameron Edwards AP510828763IA <i>M. Cameron Edwards</i>				



YEAR: 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N8288J TACH: 2655.8 Date: 12/20/14  
Lycoming O-320-A2C S/N: L-48982-27A TSMOH: 675.4 TTE: 2655.8

1. Removed and replaced vacuum pump with new Rapco P# 215CC S/N A56948 using new gasket and hardware.
2. Engine run-up, leak and operational check out nominal.

M. Cameron Edwards AP5108287631A

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2/21/15	2669			① Drained oil, added 7 qts Amshell 100+
				Changed oil filter w/Champion 48110.
				② Inspected and cleaned gasolator filter
				and electric fuel pump filter Carb inlet filter.
				DDG Saic Pilot/Owner CP3298018

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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### COASTAL VALLEY Aviation Inc.

(805)928-7701 • www.cvamx.com

#### ENGINE

DATE: 3/9/2015

N8288J

Tach: 2669.2

TTE: 2669.2

SMOH: 686.8

Lycoming O-320-A2C SN L48982-27A

1. Compression test IAW Lycoming SI 1191A #1-77 #2-76 #3-76 #4-76
2. Performed cylinder borescope inspection
3. Cleaned & reinstalled RH fwd case oil galley plug
4. Replaced forward crankshaft seal w/new

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

Richard Holder A&P 33407194A

### COASTAL VALLEY Aviation Inc.

(805)928-7701 • www.cvamx.com

#### PROPELLER

DATE: 3/9/2015

N8288J

Tach: 2669.2

TT: 2669.2

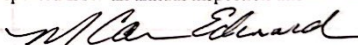
SPOH: 565.1

Sensenich 74DM6 SN A48952

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

Richard Holder A&P 33407194A



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
	N8288J	TACH: 2739.0	Date: 30 MAY 2016	
	Lycoming O-320-A2C S/N: L-48982-27A TSMOH: 758.6 TTE: 2739.0			
	<ol style="list-style-type: none"> <li>1. Compression test IAW Lycoming SI 1191A #1-79 #2-77 #3-79 #4-78</li> <li>2. Drained oil, cut open filter, no contamination noted.</li> <li>3. Serviced engine with 8 quarts Aeroshell 100+ and installed new Champion 48110 oil filter.</li> <li>4. Checked magneto timing.</li> <li>5. Cleaned, gapped, tested, rotated, installed and torqued spark plugs</li> <li>6. Removed and replaced induction air filter with new (Bracket BA-4108)</li> <li>7. Removed and replaced carb heat box gasket with new (Bracket BA-4101)</li> <li>8. Removed and replaced #2 cylinder primer line clamp with new</li> <li>9. Removed and replaced leaking #3 cylinder induction gasket with new</li> <li>10. Removed and replaced R/H and L/H mufflers with repaired units (Dawley WO#113663)</li> <li>11. Installed serviceable Electronics International engine analyzer (UBG-16 SN: 081891) IAW manufacturer instructions (see 337 this date)</li> <li>12. Removed and replaced engine SCAT ducting with new</li> <li>13. Lubed all controls</li> <li>14. Engine run up, leak check and operational inspection satisfactory</li> </ol>			
	I certify this engine has been inspected IAW an annual inspection this date and has been determined to be in airworthy condition.			
				
	M. Cameron Edwards AP28288931A			

YEAR: 2016	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8/25	2768.3			Drained oil, added 7 qts Aeroshell 100 plus. changed oil filter w/ Champion 48110 R.D. Sair Pilot/Owner CP3298018
				<div> <div> <b>COASTAL VALLEY</b>  <b>Aviation Inc.</b>  (805)928-7701 • www.cvamx.com </div> <div> ENGINE  DATE: 8/26/2016  N8288J  Tach: 2768.7  TTE: 2706.5  SMOH: 781.3 </div> </div>
				Lycoming O-320-A2C SN L48982-27A 1. Replaced LH & RH magneto gaskets with new 2. Repaired LH & RH mag "P" lead wire shielding 3. Installed #3 cylinder primer line and nozzle Phil Kirkham AP 3133072 IA

YEAR: 2016	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<div> <div> <b>COASTAL VALLEY</b>  <b>Aviation Inc.</b>  (805)928-7701 • www.cvamx.com </div> <div> ENGINE  DATE: 10/12/2016  N8288J  Tach: 2779.3  TTE: 2779.3  SMOH: 796.4 </div> </div>
				Lycoming O-320-A2C SN L48982-27A 1. Reinstalled magnetos SN A220795 & A220795 after 500 hour inspection by RS #XB2R286L 2. C/W AD 58-02-08 Crankshaft by visual inspection, Next due: 10/2021 Richard Holder A&P 3340719 IA
12/7	2791.6			<ul style="list-style-type: none"> <li>Drained oil, added 8 qts Aeroshell 100 plus.</li> <li>Changed oil filter w/ Champion 48110</li> </ul> R.D. Sair Pilot/Owner CP3298018.
4/27/17	2816.0			<ul style="list-style-type: none"> <li>Changed oil, add 8 qts Aeroshell 100 plus</li> <li>Changed oil filter w/ Champion 48110</li> </ul> R.D. Sair Pilot/Owner CP3298018

YEAR: 2017 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>COASTAL VALLEY Aviation Inc.</b> (805)928-7701 • www.cvamx.com</p> <p>Lycoming O-320-A2C SN I48982-27A</p> <p>1. Compression test IAW Lycoming SI 1191A #1-76 #2-75 #3-75 #4-71</p> <p>2. Performed cylinder borescope inspection</p> <p>3. Replaced #2 cylinder induction gasket</p> <p>4. Tightened all cylinder oil drainback coupling clamps</p> <p>I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p>Richard Holder A&amp;P 3340719 IA</p> </div> <div style="width: 48%;"> <p><b>COASTAL VALLEY Aviation Inc.</b> (805)928-7701 • www.cvamx.com</p> <p>Sensenich 74DM6 SN A48952</p> <p>I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p>Richard Holder A&amp;P 3340719 IA</p> </div> </div>				
9/21	2849.9			<p>Changed oil, Added 8 qts Aeroshell 100+</p> <p>Changed oil filter w/ Champion 48110</p> <p>DeSain Pilot/Owner CP3298018</p>

YEAR: 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<del>2/3</del>	<del>2881.6</del>			<del>Serviced gear struts w/oil, tired tires.</del>
2/3	2881.6			<p>Changed oil, added 8 qts Aeroshell 100+</p> <p>Changed oil filter w/ Champion 48110</p> <p>DeSain Pilot/Owner CP3298018</p>
2/8	2885.0			<p>Installed new spark plugs (8x REM40E)</p> <p>DeSain Pilot/Owner CP3298018</p>







YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/14/20	tach = 2971.5			Engine TSMO = 988.9 Completed 100hr Insp IAW FAR 43 App D. changed oil + filter lca 48110 oil filter + added 7qts of geosshell 100+ To Sump. Comp check #1 <sup>78</sup> / <sub>80</sub> , #2 <sup>78</sup> / <sub>80</sub> , #3 <sup>74</sup> / <sub>80</sub> , #4 <sup>78</sup> / <sub>80</sub> . Cleared spark plugs. Checked + Ret mag timing. Run-up was Satisfactory END
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition. Name <u>Shawn</u> Number <u>IA 313224</u>



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/9/21	tach = 2987.5			Engine + SMO = 1004.9 Completed 100hr Insp IAW FAR 43 App D. changed oil + filter lca 48110 oil filter + added 7qts of 50wt acvoshell + to Sump. Comp check #1 <sup>78</sup> / <sub>80</sub> , #2 <sup>78</sup> / <sub>80</sub> , #3 <sup>74</sup> / <sub>80</sub> , #4 <sup>77</sup> / <sub>80</sub> . Cleared spark plugs. Replaced Ind Filter lca BA4108. Clw A/D 98-02-08 by insp of crank. Run Up was Satisfactory. —END—
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition. Name <u>Shawn</u> Number <u>IA 313224</u>






YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/6/22	tach 22	993.6		Engine TSM021011.0 Completed 100hr Turp IAW FAR 43 AppD. Changed oil & Filter loc 48110 oil filter & added 7 qts of 100+ Aeroshell to sump. Comp check #1 <sup>78</sup> , #2 <sup>78</sup> , #3 <sup>74</sup> , #4 <sup>77</sup> . Checked spark plugs. Lubed mixture controls. Run-up was Satisfactory. —END—
<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an <u>airworthy</u> condition.</p> <p>Name <u>Doug Bloom</u> Number <u>IA 373224</u></p>				

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p><b>N8288J</b>      <b>Lycoming O-320 A2C</b>      <b>S/N:L-48982-27A</b>      <b>10/21/22</b></p> <p><b>Total Time: 3018.3 SMOH:1035.4</b></p> <p>Drained oil and removed filter. Inspected oil filter element. No debris found. Removed and inspected suction screen. No significant debris found. Re-installed plug with new crush gasket. Installed new Tempest oil Filter P/N AA48110-2. Serviced with 7 qts Phillips X/C 20W-50 and 11.2 ounces CamGuard. Ground run for Leak Check - No Leaks. <b>Next Due: 3043.3hrs</b></p> <p>Darrell L. Morgan A/P IA 2233604 </p> <p> <b>Firebird Aviation</b>    KRPH    (817)694-8880    Firebird_mwl@msn.com</p>



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	<b>N8288J</b>	<b>Lycoming O-320 A2C</b>	<b>S/N:L-48982-27A</b>	<b>11/29/22</b>
	<b>Total Time: 3023.5 SMOH:1040.6</b>			
	Installed E-Z Heat engine heater, Model Number 440 per E-Z Heat installation instructions. No STC or Form 337 required per FAA Compliance Letter dated August 21, 1985. A copy may be found at <a href="http://www.ezheat.com">www.ezheat.com</a> or in this aircrafts document folder.			
	Darrell L. Morgan A/P IA 2233604 			
	 <b>Firebird Aviation</b>	<b>KRPH</b>	<b>(817)694-8880</b>	<b>Firebird_mwl@msn.com</b>

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	 <b>Firebird Aviation</b>	<b>KRPH</b>	<b>(817)694-8880</b>	<b>Firebird_mwl@msn.com</b>
	<b>N8288J</b>	<b>Lycoming O-320 A2C</b>	<b>S/N:L-48982-27A</b>	<b>1/16/23</b>
	<b>Total Time: 3032.0 SMOH:1047.3</b>			
	Removed Carburetor Heat inner cable. Cleaned and lubricated. Re-installed. Ops check normal			
	Darrell L. Morgan A/P IA 2233604 			
	 <b>Firebird Aviation</b>	<b>KRPH</b>	<b>(817)694-8880</b>	<b>Firebird_mwl@msn.com</b>

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N8288J	Lycoming O-320 A2C	S/N:L-48982-27A	4/11/23
		Total Time: 3044.0	SMOH: 1061.1	
		Drained oil and removed filter. Inspected oil filter element. No debris found. Removed and inspected suction screen. No significant debris found. Re-installed plug with new crush gasket.		
		Installed new Tempest oil Filter P/N AA48110-2. Serviced with 7 qts Phillips X/C 20W-50 and 11.2 ounces CamGuard. Ground run for Leak Check - No Leaks. <span style="color: red;">Next Due: 3069.0 hrs</span>		
		Darrell L. Morgan A/P IA 2233604 <i>Darrell L. Morgan</i>		
		Firebird Aviation KRPB (817)694-8880 Firebird_mwl@msn.com		

N8288J Lycoming O-320 A2C S/N:L-48982-27A Total Time: 3046.8 SMOH: 1065.7 5/28/23

100hour/Annual inspection. See last oil change 4.6 hours ago. Compressions: #1 76/80, #2 76/80, #3 70/80, #4 75/80. Boroscoped cylinders, all normal. Inspected and cleaned gasolator, carburetor finger screen-installed new 16-A36 gasket, boost pump filter, and drained carburetor bowl. Replaced all engine support bushings with new, P/N LW-71032. Replaced induction air filter with new element, P/N Brackett BA-4108. Replaced vacuum pump filter with new, P/N Rapco RAB3-5-1 and RAD9-18-1. Replaced Crankshaft Oil Seal in accordance with Lycoming Service Instruction 1324C, P/N LW-13792.  
"I certify that this engine was inspected in accordance with 100 hr inspection and was determined to be in an Airworthy Condition."

Darrell Lea Morgan 2233604 AP/IA *Darrell L. Morgan*

Firebird Aviation KRPB (817)694-8880 Firebird\_mwl@msn.com

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	N8288J	Lycoming O-320 A2C	S/N:L-48982-27A	11/5/23
		Total Time: 3069.3	SMOH: 1086.3	
		Drained oil and removed filter. Inspected oil filter element. No debris found. Removed and inspected suction screen. No significant debris found. Re-installed plug with new crush gasket.		
		Installed new Tempest oil Filter P/N AA48110-2. Serviced with 7 qts Phillips X/C 20W-50 and 11.2 ounces CamGuard. Ground run for Leak Check - No Leaks. <span style="color: red;">Next Due: 3094.3hrs</span>		
		Darrell L. Morgan A/P IA 2233604 <i>Darrell L. Morgan</i>		
		Firebird Aviation KRPB (817)694-8880 Firebird_mwl@msn.com		

YEAR: Lycoming O-320-A2C Serial #L-48982-27A TT 3088.3 SMOH 1105.3 9-15-2024  
 DATE Engine disassembled. Replaced camshaft with new LW-18840, 8 new tappets 15B26588, overhauled 8 hydraulic units prt# 78290 work order 287347 Aircraft Specialties Services. Replaced front main bearings SL13884, main bearings SL11020, 4 new Lillanium Cylinder kits SL32006W-A21P ser# 1144-326W000016360, 16361, 16362 and 16096. Engine assembled in accordance with Lycoming Overhaul Manual 60294-7 using new major over haul gasket set SL69371-1, new drain back tubes SL68760, SL68761 and 2 SL68759, new drain back hoses STD2180 and new intakes hoses STD-1196. Engine serviced with new oil filter AA48110 and 7 quarts of Aeroshell 100 mineral oil. Ran and checked for leaks, none found. "I certify that this engine has been inspected IAW a 100 hour inspection and was found to be in an airworthy condition."  
 Steve Pierce 2852926 A&P

vi Lycoming O-320-A2C Serial #L-48982-27A TT 3100.3 SMOH 1117.3 11-21-2024 repair  
 Changed oil and filter. Cut open filter, no contaminants found. Engine serviced with new oil filter AA48110 and 7 quarts of Phillips 20w50XC oil. Ran and checked for leaks, none found.  
 Steve Pierce 2852926 A&P