

#2



*The Standard*

**ENGINE LOG**

ASA-SE-1

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other information)
				<b>Engine Log</b> <b>Piper PA28-180 S/N 28-5024</b> <b>3/20/24 Tach 1017.2 Acft TT 3859.8 Hobbs 3217.0 N6571J</b> <b>Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2258.94</b>
				<ul style="list-style-type: none"> <li>• Performed 100HR Inspection IAW FAR 43 Appendix D</li> <li>• Checked magneto timing</li> <li>• Compressions: (1) 74 (2) 79 (3) 79 (4) 79</li> <li>• Borescope Inspected cylinders</li> <li>• Pressure tested exhaust system for leaks</li> <li>• Cleaned, inspected, and serviced air induction filter with K&amp;N recharge kit</li> <li>• Changed oil and filter with XC20W-50 and AA48110-2</li> <li>• Inspected finger screen and installed with AN900-16 crush gasket</li> <li>• Torqued loose starter halve bolts</li> <li>• Fabricated sheet metal repair patches for carburetor heat shroud</li> <li>• <b>A.D.'S C/W:</b></li> <li>• <b>C/W 76-07-12R1 function test of ignition switch (Due again tach 1117.2)</b></li> </ul>
				<b>I certify this aircraft or component has been repaired &amp; inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.</b>
				<b><u>A&amp;P/IA Randall Wood 3251612</u></b>

YEAR 20____ 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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Engine Log

Piper PA28-180 S/N 28-5024  
1/9/24 Tach 923.2 Acft TT 3765.8 Hobbs 3097.2 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2164.94

- Performed 100HR Inspection IAW FAR 43 Appendix D
- Checked magneto timing
- Compressions: (1) 72 (2) 76 (3) 72 (4) 74
- Borescope Inspected cylinders
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- A.D.'S C/W:
- C/W 76-07-12R1 function test of ignition switch (Due again tach 1023.2)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*


Engine Log

Piper PA28-180 S/N 28-5024  
2/23/24 Tach 971.4 Acft TT 3814.0 Hobbs 3159.4 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2213.14

- Changed oil and filter with XC20W-50 and AA48110-2
- Cut and inspected filter
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

Engine Log

Piper PA28-180 S/N 28-5024  
4/16/24 Tach 1071.2 Acft TT 3913.8 Hobbs 3286.9 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2312.94

- Changed oil and filter with XC20W-50 and AA48110-2
- Cut and inspected filter
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*


YEAR  
20  
DATE

Engine Log

Piper PA28-180 S/N 28-5024  
10/18/23 Tach 776.2 Acft TT 3618.8 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2017.94

- Changed oil and filter with XC20W-50 and AA48110-2
- Cut and inspected filter
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

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Engine Log

Piper PA28-180 S/N 28-5024  
11/9/23 Tach 824.2 Acft TT 3666.8 Hobbs 2974.2 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2065.94

- Performed 100HR Inspection IAW FAR 43 Appendix D
- Checked magneto timing
- Compressions: (1) 70 (2) 70 (3) 20 (4) 78
- Borescope Inspected cylinders
- Pressure tested exhaust system for leaks
- Found crack in #3-cylinder exhaust port and valve failing
- Replaced #3 cylinder with serviceable unit (All dimensions checked and within tolerances)
- Installed cylinder with SL12032-Sc gasket set
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- A.D.'S C/W:
- C/W 76-07-12R1 function test of ignition switch (Due again tach 828.0)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

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Engine Log

Piper PA28-180 S/N 28-5024  
12/5/23 Tach 874.5 Acft TT 3717.1 Hobbs 3036.2 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2116.24

- Changed oil and filter with XC20W-50 and AA48110-2
- Cut and inspected filter
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Handwritten signature*

Engine Log

Piper PA28-180 S/N 28-5024  
2/9/24 Tach 946.1 Acft TT 3788.7 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 2187.84

- Aircraft hard to start
- Borescope Inspected cylinders
- Compressions: 78/80
- Inspected firewall forward
- Replaced all spark plugs with new
- Checked timing

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*Handwritten signature*

YEAR 20____ 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
				<u>Engine Log</u> Piper PA28-180 S/N 28-5024 8/7/23 Tach 628.8 Acft TT 3471.4 N6571J Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1870.54
				<ul style="list-style-type: none"> <li>• Timed magnetos</li> <li>• Compressions: All 76/80</li> <li>• Pressure tested exhaust system for leaks</li> <li>• Cleaned, inspected, and serviced air induction filter with K&amp;N recharge kit</li> <li>• Changed oil and filter with XC20W-50 and AA48110-2</li> <li>• Inspected finger screen and installed with AN900-16 crush gasket</li> <li>• Torqued valve cover screws</li> <li>• Installed missing hardware between starter and alternator brace AN4-13A, AN960 washers, AN363-428 nut</li> <li>• A.D.'S C/W:</li> <li>• C/W 76-07-12R1 function test of ignition switch (Due again tach 728.8)</li> </ul>
				I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.
				<u>A&amp;P/IA Randall Wood 3251612</u>

Engine Log  
Piper PA28-180 S/N 28-5024  
8/23/23 Tach 680.6 Acft TT 3523.2 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1922.34

- Changed oil and filter with XC20W-50 and AA48110-2
- Cut and inspected filter
- Inspected finger screen and installed with AN900-16 crush gasket

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A&P Randall Wood 3251612



Engine Log  
Piper PA28-180 S/N 28-5024  
9/19/23 Tach 728.0 Acft TT 3570.6 Hobbs 2849.0 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1969.74

- Performed 100HR Inspection IAW FAR 43 Appendix D
- Checked magneto timing (Adjusted left)
- Compressions: (1) 70 (2) 70 (3) 68 (4) 68
- Borescope inspected cylinders
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- A.D.'S C/W:
- C/W 76-07-12R1 function test of ignition switch (Due again tach 828.0)

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A&P/IA Randall Wood 3251612



**Airborne Flying Service - Hot Springs, AR**

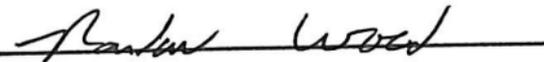
<b>N#:</b> 6571J	<b>HM:</b> 2534.2	<b>TACH:</b> 481.5	<b>DATE:</b> 6/6/2023	<b>WO#</b> M2306-003
<b>MAKE:</b> Lycoming	<b>MODEL:</b> O-360-A4A	<b>S/N:</b> L-28231-30A		
<b>ENGT:</b> UNK	<b>TSMOH:</b> UNK			
This entry is a permanent part of the <i>Engine</i> Records			<b>Printed Name and Certificate #</b>	<b>Signature</b>
1	Drained oil and replaced filter with new PN AA48111 and serviced with 8Qts Phillips 20W50 X/C. Ran engine, no leaks noted.		Jeffrey A. Aukes A&P 3714836	
In referance to the work performed listed above this <i>Engine</i> is approved to return to service			Jeffrey A. Aukes A&P 3714836	

Engine Log  
 Piper PA28-180 S/N 28-5024  
 7/23/23 Tach 578.7 Acft TT 3421.3 Hobbs 2662.6 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1820.44

- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612



Engine Log  
 Piper PA28-180 S/N 28-5024  
 7/17/23 Tach 565.7 Acft TT 3408.3 Hobbs 2646.3 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1807.44

- Vacuum pump failed
- Removed 21 5CC
- Installed serviceable AA3215CC
- Installed with new 8313 gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612



Engine Log  
 Piper PA28-180 S/N 28-5024  
 8/3/23 Tach 621.1 Acft TT 3463.7 Hobbs 2716.0 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1862.84

- Replaced upper cowling oil door hinge and striker plate
- Replaced upper cowling camloc fastener and added washers as needed to tighten 487-719, 484-428

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A&P Randall Wood 3251612



Engine Log  
 Piper PA28-180 S/N 28-5024  
 3/28/23 Tach 335.7 Acft TT 3178.3 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1577.44

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 75/80
- Checked all interior and exterior lighting
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- RH mageto drop excessive
- Replaced RH magneto coil, cam, with serviceable parts, carbon brush K3215 new
- Internally timed RH magneto and timed to engine
- Installed (8) REM38E spark plugs
- C/W 76-07-12R1 function test of ignition switch (Due again tach 435.7)

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A&P/IA Randall Wood 3251612 *Randall Wood*


Engine Log  
 Piper PA28-180 S/N 28-5024  
 4/17/23 Tach 382.2 Acft TT 3224.8 Hobbs 2403.8 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1623.94

- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket

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A&P Randall Wood 3251612 *Randall Wood*

Engine Log  
 Piper PA28-180 S/N 28-5024  
 5/17/23 Tach 431.4 Acft TT 3274.0 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1673.14

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 72/80
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- Repaired #1 Cylinder baffling by fabricating a small patch from .032 aluminum and using flush AN426 rivets
- C/W 76-07-12R1 function test of ignition switch (Due again tach 531.4)

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A&P/IA Randall Wood 3251612 *Randall Wood*

YEAR  
20  
DATE

Engine Log  
Piper PA28-180 S/N 28-5024

1/24/23 Tach 198.9 Acft TT 3041.5 Hobbs 2162.4 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1440.64

- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

Engine Log

Piper PA28-180 S/N 28-5024

2/15/23 Tach 236.6 Acft TT 3079.2 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1478.34

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 75/80
- Pressure tested exhaust system for leaks
- Repaired cabin heat shroud by replacing bad rivets with new and oversized
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- C/W 76-07-12R1 function test of ignition switch (Due again tach 336.6)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

or

Engine Log

Piper PA28-180 S/N 28-5024

3/8/23 Tach 287.1 Acft TT 3129.7 Hobbs 2281.3 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1528.84

- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

Engine Log

Piper PA28-180 S/N 28-5024

6/28/23 Tach 529.1 Acft TT 3371.7 N6571J  
Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1770.84

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 72/80
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- C/W 76-07-12R1 function test of ignition switch (Due again tach 629.1)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

**TEXTRON** Lycoming

# ENGINE LOG

#1

SSP-1872-1

DATE \_\_\_\_\_

# Service Bulletins, Letters, Instructions & A D Notes

### Engine Log

Piper PA28-180 S/N 28-5024

11/10/22 Tach 48.8 Acft TT 2891.4 Hobbs 1967.1 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1290.54

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 75/80
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Replaced all valve cover screw #1 08-03697
- Carb heat shield stop drilled (Will need R&R next annual or 100HR)
- C/W 76-07-12R1 function test of ignition switch (Due again tach 2892.73)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

### Engine Log

Piper PA28-180 S/N 28-5024

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1,436.13

12/1/22 Tach 97.9 Acft TT 2940.5 Hobbs 2031.5 N6571J

- Changed oil and filter with XC20W-50 and AA48110-2 (Cut filter removed and inspected)
- Cut and inspected filter removed and finger screen
- Installed finger screen with AN900-16 crush gasket
- Washed engine down and ran for leak check

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

### Engine Log

Piper PA28-180 S/N 28-5024

1/2/23 Tach 142.1 Acft TT 2984.7 Hobbs 2088.8 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1383.84

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All (1) 75 (2) 80 (3) 72 (4) 80
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Replaced all valve cover screw #1 08-03697
- Torqued valve cover screws
- C/W 76-07-12R1 function test of ignition switch (Due again tach 242.1)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

DATE \_\_\_\_\_

# Service Bulletins, Letters, Instructions & A D Notes

Engine Log

Piper PA28-180 S/N 28-5024

10/1/22 Tach/Acft TT 2789.52 Hobbs 1831.6 N6571J

Lycoming O-360-A4A S/N L-28231-36A TSMOH 1188.66

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 79/80
- Pressure tested exhaust system for leaks
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Replaced all valve cover gaskets SL75906
- Replaced all exhaust gaskets RA77611
- Fuel leaking from carburetor fitting
- Removed fitting, cleaned, thread taped, installed fittings, leak checked
- C/W 76-07-12R1 function test of ignition switch (Due again tach 2792.73)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

DATE \_\_\_\_\_

# Service Bulletins, Letters, Instructions & A D Notes

Engine Log

Piper PA28-180 S/N 28-5024

10/14/22 Tach/Acft TT 2842.6 N6571J

Lycoming O-360-A4A S/N L-28231-36A TSMOH 1241.74

- Changed oil and filter with XC20W-50 and AA48110-2 (Cut removed filter and inspected)
- Inspected finger screen and installed with AN900-16 crush gasket
- Replaced Tachometer 621773/535KL10 with Mitchell RT7-M S/N 40672
- Cleaned and lubricated tachometer cable

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A&P Randall Wood 3251612

*Randall Wood*

# ENGINE LOG

Serial No. \_\_\_\_\_

D:

Engine Log  
 Piper PA28-180 S/N 28-5024  
 8/25/22 Tach/Acft TT 2692.73 Hobbs 1700.5 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1091.84

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: All 79/80
- Checked all interior and exterior lighting
- Pressure tested exhaust system for leaks
- Stop drilled cracks in carburetor heat shield
- Cleaned, inspected, and serviced air induction filter with K&N recharge kit
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Lower cowling landing light connection failed
- Repaired by soldering wire extension and installing molex connector
- A.D.'S C/W:
- C/W 76-07-12R1 function test of ignition switch (Due again tach 2792.73)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

			Page Total
			Brought Forward
			Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

# Service Bulletins, Letters, Instructions & A D Notes

DATE \_\_\_\_\_

Engine Log  
 Piper PA28-180 S/N 28-5024  
 9/13/22 Tach/Acft TT 2746.22 Hobbs 1773.1 N6571J  
 Lycoming 0-360-A4A S/N L-28231-36A TSMOH 1145.33

- Alpha 10 Aviation W&B sheet can be removed, use JPS Aviation W&B 9/7/21 with main fairings installed
- Changed oil and filter with XC20W-50 and AA48110-2
- Inspected finger screen and installed with AN900-16 crush gasket
- Torqued valve cover screws
- Washed engine down and ran to check for leaks

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A&P/IA Randall Wood 3251612

*Randall Wood*











# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Engine Log

Piper PA28-180 S/N 28-5024

7/7/2021 Tach/Acft TT 2156.32 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 652.02

1. Changed oil and filter with XC20W-50 and AA48110-2
2. Cut and Inspected filter removed
3. Ran to checked for leaks
4. Adjusted oil access door and latch on top cowling (Was coming open in flight)

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Engine Log

Piper PA28-180 S/N 28-5024

8/18/21 Tach/Acft TT 2205.40 Hobbs 1016.7 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 701.03

1. 100HR Inspection IAW FAR 43 Appendix D
2. Timed magnetos
3. Compressions: (1) 65 (2) 65 (3) 78 (4) 78
4. Pressure tested exhaust system for leaks
5. Changed oil and filter with XC20W-50 and AA48110-2
6. A.D.'S C/W: None due at this time

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Engine Log

Piper PA28-180 S/N 28-5024

5/1/21 Tach/Acft TT 2106.77 Hobbs 873.8 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 602.4

- 100HR Inspection IAW FAR 43 Appendix D
- Timed magnetos
- Compressions: (1) 78 (2) 80 (3) 75 (4) 75
- Pressure tested exhaust system for leaks
- Changed oil and filter with XC20W-50 and AA48110-2
- A.D.'S C/W: None due at this time

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P/IA Randall Wood 3251612

*Randall Wood*

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All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Engine Log

Piper PA28-180 S/N 28-5024

5/19/21 Tach/Acft TT 2117.12 Hobbs 0889.1 N6571J

Lycoming 0-360-A4A S/N L-28231-36A TSMOH 612.75

- Replaced #2 & #4 EGT probes P/N P-110

I certify this aircraft or component has been repaired & inspected in accordance with applicable F.A.R.'s and found to be in an airworthy condition approved for returned to service in accordance to work performed.

A&P Randall Wood 3251612

*Randall Wood*

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	Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.











# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/18/97			Installed engine in the following aircraft— Piper PA28-180, Hobbs 3630.0 Reg. NO. N4896L, S/N 28-4263. Installed using new bolts, TACH 1031.6 nuts, & rubber mount bushings, rigged all engine controls, ET\$N 1995.5 installed all new fluid hose assyp and new seat hose, T\$MOH 0000.0 Installed new baffle seal on engine baffling, installed alt alternator assy and new belt. Flushed and pressure tested oil cooler, routed and secured all wires. Drained preservative oil from engine and serviced with 8qts Aeroshell 50wt. mineral oil. Cleaned spark plugs. See A.D. log for current status of all applicable and recurring A.D.'s (Continued on Next Page →)		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

# ENGINE LOG

Serial No. \_\_\_\_\_

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Performed initial ground run, no leaks found, set idle RPM and mixture, Cooled engine and performed flight test i/a/w section C. of Lycoming Service Instruction #1427B. All systems checked good. I Certify that this engine has been inspected i/a/w an annual inspection, and was determined to be in an airworthy condition. John W. Winter		
			Page Total		
			Brought Forward		
			Total to Date		

IA515640813

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

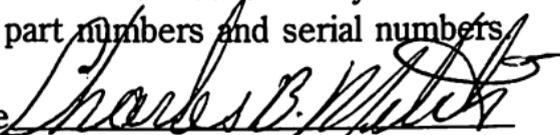
# TEXTRON Lycoming

652 Oliver Street  
Williamsport, PA 17701 U.S.A.

TLRED-489  
(Rev. 3-93)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-360-A4A**  
Serial #: **L-28231-36A**  
Total Time: **1995.5**  
Work Order #: **GJ0702720**  
Date Completed: **5-21-97**

Authorized Signature:   
Textron Lycoming Reciprocating Engine Division  
652 Oliver Street  
Williamsport, PA 17701  
Repair Station: EJ1R115K

## ENGINE DESCRIPTION

Mfgr. <b>TEXTRON LYCOMING</b>	Place <b>Williamsport, PA 17701</b>	Date	
Type <b>O-360-A4A</b>	Model	Serial No. <b>L-28231-36A</b>	
Rated H.P.	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name			
Address			