






The Standard

ENGINE LOG

ASA-SE-1


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.)
	KC			
		Created 05/26/2023	S/N S/L-39267-36A Engine 1 Tach 2236.00	
		TTIS 2236.00	TSOH 598.00	
				Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2013-11 Compressions #1 79/80 #2 78/80 #3 76/80 #4 77/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Adjusted magnet timing with reference to engine data plate.
				I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.
		Logan Baker P#4638550 Date: 5/26/23	Signature: 	

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.)
	KC			
		Created 05/30/2023	S/N S/L-39267-36A Engine 1 Tach 2254.20	
		TTIS 2254.20	TSOH 616.20	
				Removed engine driven fuel pump P/N AF15472 and installed serviceable engine driven fuel pump P/N LW15472 S/N 118P03
		Logan Baker P#4638550 Date: 5/30/23	Signature: 	
	KC			
		Created 06/05/2023	S/N S/L-39267-36A Engine 1 Tach 2272.20	
		TTIS 2272.20	TSOH 634.20	
				adjusted idle mixture screw to lean mixture one half of a turn.
		Logan Baker P#4638550 Date: 6/5/23	Signature: 	

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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KC

Created 06/16/2023 S/N S/L-39267-36A Engine 1 Tach
 2329.90 TTIS 2329.90 TSOH 691.90
 Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-12
 Compressions #1 78/80 #2 79/80 #3 64/80 #4 75/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Replaced leaking crankshaft seal P/N LW13792.
 I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Logan Baker P#4638550 Date: 6/16/23 Signature: 

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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KC

Created 07/06/2023 N53533 Piper Archer III S/N S/L-39267-36A
 Engine 1 Tach 2426.30 TTIS 2426.30 TSOH 788.30

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-14 Compressions #1 74/80 #2 68/80 #3 74/80 #4 77/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100.
 I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Josh Kennedy A&P # 4653415 Date: 7/6/23 Signature: 


[illegible][illegible]

K

Created 11/16/2023 Model: O-360-A4M S/N S/L-
39267-36A Engine 1 Tach 3089.10 TTIS 3089.10 TSOH 1451.10

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM. Researched AD's through bi-weekly report 2023-23. No applicable AD's due at this time. Compressions #1 76/80 #2 78/80 #3 70/80 #4 72/80. Drained oil sump, removed and cut open oil filter. no metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W80. Removed LH magneto P/N 4371 S/N 107050486B and installed LH magneto P/N 4371 S/N 96121738/L-09731. Removed RH magneto P/N 4370 S/N 08082015/K-07112 and installed RH magneto P/N 4370 S/N 18100976/L-07480. Work done with reference to Lycoming direct drive/ overhaul manual and timed magnetos with reference to engine data plate.

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Logan Baker P#4638550 Date: 11/16/23 Signature: 

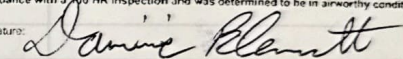
Alterations

Number of Technician or Repair

K

Created 12/08/2023 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3163.70 TTIS 3163.70 TSOH 1525.70

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-25. No applicable AD's due at this time. Compressions #1 78/80 #2 74/80 #3 74/80 #4 79/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W80. Removed, cleaned, inspected, gapped, and reinstalled spark plugs. Replaced head spark plugs with new plugs P/N DREM40E. Removed oil sump sent to D/VCO to have Cyl #3 intake tube swaged. Reinstalled oil sump with reference to Lycoming Overhaul/ Direct Drive Manual and Lycoming SSP 1776-5. Replaced oil sump gasket with new gasket P/N SL68972. Replaced Intake gaskets on all Cyl with new gaskets P/N 21973. I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

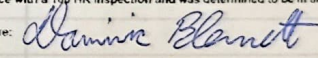
Dominic Blewett # P 4848287 Date: 12/8/23 Signature: 

K

Created 12/28/2023 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3254.20 TTIS 3254.20 TSOH 1616.20

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-25. No applicable AD's due at this time. Compressions #1 72/80 #2 68/80 #3 62/80 #4 74/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W80. Cleaned, Inspected, Gapped, and Tested spark plugs. Removed crankshaft oil seal and replaced with new seal P/N LW-13792 IAW Lycoming SI No. 1324D.

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Dominic Blewett # P 4848287 Date: 12/28/23 Signature: 

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 Facility. (See back pages for other specific entries.)
DATE				



Created 07/21/2023 S/N S/L-39267-36A Engine 1
Tach 2526.80 TTIS 2526.80 TSOH 888.80

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-15 Compressions #1 73/80 #2 78/80 #3 70/80 #4 79/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100.
I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Logan Baker P#4638550 Date: 7/21/23 Signature:

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 Facility. (See back pages for other specific entries.)
DATE				



Created 08/30/2023 S/N S/L-39267-36A Engine 1 Tach 2713.00 TTIS 2713.00 TSOH 1075.00

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2023-18 Compressions #1 75/80 #2 75/80 #3 69/80 #4 75/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Replaced crankshaft seal w/new P/N LWA-13792 per Lycoming SI No. 1324C. Teakrups check good.
I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Gregory Warton #3807766 A&PIA Date: 8/30/23 Signature:

YEAR:

DATE

Created 01/26/2024 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3306.80 TTIS 3306.80 TSOH

1669.80

Repaired leaking front main crankshaft seal with new front main seal P/N LW-13792 per latest Lycoming service instruction No. 1324D. Performed
no leaks found.

Lanier Heeder A&P Pending Date: 1/26/24 Signature:

or Repair

KC

Created 02/07/2024 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3351.30 TTIS

3351.30 TSOH 1713.30

Technician or Repair

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-02, 01/15/2024-01/28/2024. Compressions #1 74/80 #2 72/80 #3 66/80 #4 72/80. Cleaned and Gapped Spark Plugs. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W80. Timed Magnets to the engine IAW Piper AMM. R/R cyl 2 intake gasket P/N SL71973. R/R FWD Crank seal P/N LW-13792 IAW Lycoming Service Instructions #1324D. R/R 3 spark plugs P/N UREM40E.

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Owen Fortney #A&P 4429081 Date: 2/7/24 Signature:

KC

Created 02/15/2024 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3359.80 TTIS 3359.80 TSOH 1721.30

Removed and replaced Crankshaft Oil Seal IAW Lycoming Service Instruction No. 1324D P/N LW13792. Removed and Replaced cylinder #2 oil drain line by taking it off and screwing it off and screwing the new one in. P/N: 68760.

Owen Fortney #A&P 4429081 Date: 2/15/24 Signature:

KC

Created 05/09/2024 Model: O-360-A4M S/N S/N: L-39026-36A Engine 1 Tach 3637.70 TTIS 2906.60 TSOH

of Technician or

228.70

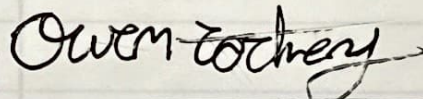
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-09, 04/22/2024-05/05/2024. No AD's found. Compressions #1 71/80 #2 78/80 #3 74/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Removed and replaced crankshaft oil seal w/new P/N: LW-13792 per Lycoming SI No. 1324D. Leak/ops check good. Removed and re installed propeller IAW Piper PA-28-181 AMM chapter 61-00-00.

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Owen Fortney • # 4429081

Date: 5/9/24

Signature:



KC

Created 05/24/2024 Model: O-360-A4M S/N S/N: L-39026-36A Engine 1 Tach 3726.2

TTIS 2995.1 TSOH 317.2



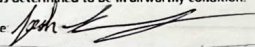
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-10. Compressions #1 78/80 #2 76/80 #3 78/80 #4 78/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Removed and replaced #4 cylinder rocker box gasket P/N APS-75906-S. Removed and replaced # 1 cylinder intake gasket P/N SL-71973. I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.


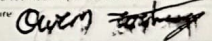
Josh Kennedy A&P#4653415

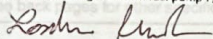

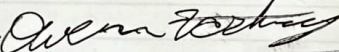
Date: 5/24/24



Signature:






YEAR 20 DATE	RECORDING TACH TIME	TOD FLIG	
			Created 08/21/24 Model: 0-360-A4M S/N: L-39026-36A Engine: 1 Tach: 3815.2 TTIS: 3815.2 TSOH: 406.2
			Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-10. Compressions #1 76/80 #2 74/80 #3 77/80 #4 74/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.
			Josh Kennedy A&P #4653415 Date: 8/21/24 Signature 
			Created: Tue, 07/16/24 Model: 0-360-A4M S/N: L-39026-36A
			TACH: 3914.7 TTIS: 3175.5 TSOH: 497.6
			Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-14. Compressions #1 76/80 #2 76/80 #3 76/80 #4 78/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Replaced leaking valve cover gaskets on #1, #2, #3 cylinders P/N APS-75X06-5. Timed magnetos with reference to engine data plate and torqued magnetos with reference to Lycoming SSP-1776-5.
			I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.
			Logan Baker P #4638550 Date: Tue, 07/16/24 Signature 
			Created: Fri, 08/02/24 Model: 0-360-A4M S/N: L-39026-36A
			TACH: 4010.7 TTIS: 3271.5 TSOH: 593.6
			Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-15. Compressions #1 76/80 #2 74/80 #3 78/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. I certify that this engine has been inspected in accordance with a 100 Hr. inspection and was determined to be in airworthy condition.
			Josh Kennedy A&P #4653415 Date: Fri, 08/02/24 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 Repair Facility. (See back pages for other specific entries.)
				Created: Thu, 08/15/24 Model: 0-360-A4M S/N: L-39026-36A
				TACH: 4075.3 TTIS: 3336.1 TSOH: 658.2
				Removed Engine driven fuel pump and replaced it with overhauled tempest engine fuel pump P/N LW15472 S/N: 19W614 per Lycoming direct drive manual Sec. 5
				Josh Kennedy A&P #4653415 Date: Thu, 08/15/24 Signature 
				Thu, 08/29/24 Model: 0-360-A4M S/N: L-39026-36A TACH: 4109.2 TTIS: 3370.3 TSOH: 692.4
				Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-17. None Applicable at this time. Compressions #1 78/80 #2 76/80 #3 78/80 #4 79/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Removed L/H Magneto P/N: 4371 S/N: 100714300000VE-12153 and replaced it with Magneto P/N: 4371 S/N: H-Y070481. Removed R/H Magneto P/N: 4370 S/N: H-X090413 and replaced it with Magneto P/N: 4370 S/N: H-Y070123 IAW per Lycoming direct drive overhaul manual CH4.
				I certify that this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.
				Owen Fortney A&P #4429081 Date: Thu, 08/29/24 Signature 
				Date: Thu, 08/29/24 Hobbs Time: 4109.2 h
				User: Owen Fortney A&P #4429081 Log Date: Thu, 08/29/24
				Aircraft: N53533 MX Instruction: 100 HOUR INSPECTION

Created Tue, 09/03/24		Model: D-360-A4M		S/N L-39026-36A	
YEAR	RECC	TACH 4125.0	TTIS 3388.1	TSOH 710.2	
20	TACH	Replaced engine driven fuel pump P/N LW-15472 S/N 19W614 with overhauled engine driven fuel pump P/N LW-15472 S/N 1CFX18 using			
DATE	TIME	Lycoming O-360 EMM Performed ops check, no defects noted.			
		Landon Reeder	A&P #4369883	Date Tue, 09/03/24	Signature 
Created Wed, 09/18/24 Aircraft Registration Number: N53533 Make: Lycoming Model: D-360-A4M S/N L-39026-36A					
TACH 4196.5	TTIS 3459.6	TSOH 781.7			
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-18 Compressions #1 76/80 #2 77/80 #3 79/80 #4 77/80 Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Replaced cyl #2 intake gasket P/N SL71973. Timed both magnetos with reference to engine data plate. Replaced Exhaust tailpipe hanger clamp P/N A24791-006.					
I certify that this engine has been inspected in accordance with a 100 HR inspection and has been determined to be in an airworthy condition.					
Logan Baker	P #4638550	Date Wed, 09/18/24	Signature 		
Fri, 10/11/24	Model: D-360-A4M	S/N: L-39026-36A	TACH 4283.6	TTIS 3546.4	TSOH 868.5
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-20. None applicable. Compressions #1 79/80 #2 78/80 #3 79/80 #4 79/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100.					
I certify that this engine has been inspected in accordance with 100 Hour Inspection and has been determined to be in an airworthy condition.					
Owen Fortney	A&P #4429081	Date Fri, 10/11/24	Signature 		

Essential Aviation					
N53533 S/N:2843579					
Lycoming O-360A4M S/N: L-39026-36A					
Tach time:4376.2 TSMOH: 961.5 Date:10/27/24					
Completed 100 hr inspection per FAR part43 appendix D and PA-28-181 A.M.M. Performed compression check #1 78/80 #2 72/80 #3 72/80 #4 78/80. Drained oil replaced oil filter w/new AA48110-2 and cut open old filter for inspection. Serviced engine w/7 Qts of Aeroshell 80W oil. Removed, cleaned, inspected, gapped, tested and reinstalled spark plugs. Researched AD's through ad bi-weekly report 2024-21.					
I certify that this engine has been inspected in accordance with 100 HR per FAR part 43 appendix D and was determined to be in airworthy condition.					
Gregory Warton A&P 3807766 IA 					
Created: Tue, 12/03/24					
Model: D-360-A4M					
S/N: L-39026-36A					
TACH: 4471.0					
TTIS: 3731.1					
TSOH: 1053.2					
With reference to engine install logbook entry dated 03/08/2024. Engine break in procedure was performed IAW Lycoming overhaul direct drive manual section 9 and Lycoming service instruction 1427C. Test run satisfactory and aircraft is approved for return to service.					
Logan Baker A&P #4638550 Date: Tue, 12/03/24 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 Repair Facility. (See back pages for other specific entries.)
Created: Thu, 12/05/24 Aircraft Registration Number: N53533 Make: Lycoming Model 0-360-A4M S/N: L-39026-36A				
TACH: 4471.0 TTIS: 3731.1 TSOH: 1053.2				
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-24. No applicable AD's due at this time. AD 2024-21-02 not applicable due to connecting rods installed and date of overhaul. Compressions #1 75/80 #2 79/80 #3 72/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Adjusted timing on LH magneto with reference to engine data plate. Replaced cylinder #2, #3 and #4 valve cover gaskets P/N 08-01314. Replaced one spark plug P/N UREM40E.				
I certify that this engine has been inspected in accordance with a 100 HR inspection and has been determined to be in an airworthy condition.				
Logan Baker A&P #4638550 Date: Thu, 12/05/24 Signature: 				

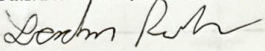
YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				
Created 01/10/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: 0-360-A4M S/N S/N: L-39026-36A Engine 1 Tach: 4552.3 ETTIS: 3812.4 ETSOH: 1134.5				
Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2024-26. No applicable AD's due at this time. Compressions #1 72/80 #2 76/80 #3 76/80 #4 74/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W80. Replaced leaking cyl#1 and cyl#4 intake gasket(s) with P/N 71973. Replaced cyl# 3 valve cover gasket P/N APS-75906-S. Replaced #1 cylinder intake hose P/N 69603.				
I certify that this engine has been inspected in accordance with a 100 HR inspection and has been determined to be in airworthy condition.				
Kodic Smith A&P#4788841 Date: 01/10/2025 Signature: 				

Created 07/10/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: O-360-

A4M S/N: L-39026-36A TT: 4998.60 TTIS: 4261.40 TSOH: 1583.50

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 and Lycoming O-360 MM. Researched AD's through bi-weekly report 2025-13. No applicable AD's due at this time. Compressions #1 78/80 #2 74/80 #3 77/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Cleaned, inspected, gapped, tested, and reinstalled spark plugs. Removed propeller for crank seal replacement. Replaced front crankshaft seal with new seal P/N LW-13792. Tightened intake hose clamps. Performed engine run up and leak check, no defects noted.

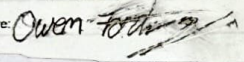
I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Landon Reeder A&P 4369883 Date: 7/10/25 Signature: 

Created 07/21/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: O-360-

A4M S/N: L-39026-36A TT: 5020.30 TTIS: 4283.10 TSOH: 1605.20

Engine was sputtering between 1000 rpm to 1300 rpm and had a rough mag drop. Found cylinder #2 intake riser had a induction leak. Replaced gasket P/N: SL71973 and no defects noted IAW Lycoming O-360 overhaul MM and Pipe PA-28-181 AMM. Cleaned, inspected, gapped, tested, and reinstalled spark plugs. Performed engine run up and high speed taxi, no defects noted.

Owen Fortney A&P #4429081 Date: 7/21/25 Signature: 

YEAR	RECORDING	TODAY'S	TOTAL	of Inspections, Tests, Repairs and Alterations		ations
SP	TACH	FLIGHT	TIME IN	Endorsed with Name, Rating and Certificate		Number of Technician or
DATE			SERVICE			
	4850 Spartan Dr, Denton, TX 76207	Aviation	Office: (866) 383-2400 - Fax: (340) 3381-3555			
	WO17665 - N53533 - Piper - Archer III - S/N: 2843579		- S/N: L-39026-36A - S/N: 36158K			
	ACTT: 5090.10 - TACH: 5090.10 - HOBBS: 5613.10 - ETT: 4352.90 - TSMO: 1675.00 - PTT: 5090.10					
	Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-weekly report 2025-17. Compressions #1 76/80 #2 74/80 #3 74/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeroshell W100. Replaced Upper cyl #2 spark plug and #3 bottom spark plug P/N UREM40E I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.					
	Josh Kennedy A&P 4653415 8/27/2025 Signature: 