## The Standard ENGINE LOG

ASA-SE-1

| YEAR: | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>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.) | YE D/             | Crealed 05/30/2023   | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name. Rating and Certificate Number of Technician or Repair 35./N S/L-39267-36A Engine 1 Tach 2254.20 |
|-------|----------------------------|-------------------|-------------------------------------|---|-------------------|--|--|
|       | K                          |                   |                                     |   | 1                 | Removed engine driven fuel pump P/N Af                               | F15472 and installed serviceable engine driven fuel  |
|       |                            | Created           | 05/26/2023                          | S/N S/L-39267-36A Engine 1 Tach 2236.00   |                   | pump P/N LW15472 S/N 118P03  |  |
|       | TIIS 2236.0                | 0 TSOH            | 598.00                              |   |                   | Logan Baker P#4638550 Date: 5/30                                     | /23 Signature:   |
|       | 5-20-00 Re-<br>78/80 #3 76 | 80 #4 77/8        | AD's through bit.  D. Drained oil s | AR 43 app. D with reference to Piper PA-26-181 AMM  |                   | Va   |  |
| -     | magneto tim                | ning with rel     | erence to engin                     |   |                   | Crealed 06/05/2023   | S/N S/L-39267-36A  |
|       | and was do                 | etermined t       | o be in airwor                      | thy condition.  |                   | TTIS 2272.20 ISOH 634.20 adjusted idle mixture screw to lean mixture |  |
|       | Logan Bak                  | er P#463          | 8550 Date 5                         | 5/26/23 Signature.  | 13                | Logan Baker P#4638550 Date: 6/5                                      | /23 Sonature.  |
| _     |                            |                   |                                     |   | 1                 |  |  |
|       |                            |                   |                                     |   | 1                 |  |  |
| 140   | Marylan M                  | 125               |                                     |   | The second second |  |  |

| YEAR:<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>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.) | YEAR:    | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>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.)  |
|---------------|---------------------------|-------------------|-----------------------------|---|----------|---------------------------|-------------------|-----------------------------|--|
|               | K                         |                   |                             |   | The last | K                         |                   |                             |  |
|               |                           |                   |                             |   |          |                           | C                 | rine inner                  |  |
|               |                           |                   | 6/16/2023                   | S/N S/L-39267-36A Engine 1 Tach   | -        | Engine 1 Tach             | 2426 30           | TTIS 2425 20                | 3533 Piper Archer III S/N S/L-39267-36A  |
|               | 329.90 TTIS               |                   |                             |   |          | Crigine Hach              | 2420.30           | 1113 2426.30                | 150H 788.30  |
|               |                           |                   |                             | AR 43 app. D with reference to Piper PA-  | 1000     | Completed a 10            | C HR inspe        | ction IAW FAR               | R 43 app. D with reference to Piper PA-28-   |
|               |                           |                   |                             | D's through bi-weekly report 2023-12  |          | 181 AMM 5-20-             | 00. Resear        | ched AD's thro              | ough bi-weekly report 2023-14 Compressions   |
|               |                           |                   |                             | 4/80 #4 75/80, Drained oil sump.  |          | #1 74/80 #2 68/           | 80 #3 74/8        | 0 #1 77/80, Dr              | rained oil sumo, removed and cut open oil  |
|               |                           |                   |                             | tal found, Installed oil filter P/N AA48110-2<br>pshell W100,Replaced leaking crankshaft  | 100010   | filer. No metal t         | ound. Insta       | lled oil filter Pi          | N AA48110-2 and serviced oil sump with   |
|               | eal P/N LW137             |                   | 1 / qus of Aero             | Isriell W100, Replaced leaking crankshar  |          | 7qts of Aeroshe           |                   |                             | Detries by the party of the par |
|               |                           |                   | has been in                 | spected in accordance with a 100 HR   |          | inspection and            | was deter         | mined to be                 | pected in accordance with a 100 HR in anworthy condition.  |
| ir            | spection and              | was dete          | rmined to b                 | e in airworthy condition.   |          | Josh Kennedy              | A&P # 46          | 53415 Date:                 | 7/6/23 Signature Johl  |
| L             | ogan Baker                | P#46385           | 50 Date, 6                  | /16/23 Signature:   |          |                           |                   |                             |  |
|               |                           |                   |                             |   |          |                           |                   | THE RESERVE                 |  |
|               |                           |                   |                             |   | - 111    |                           |                   |                             |  |
|               |                           |                   |                             |   |          |                           | -                 |                             | THE RESIDENCE OF THE PARTY OF T |
|               |                           |                   |                             |   |          |                           |                   | 1 - 1 - 1 - 1               |  |
|               | 200                       | 10 - 2            |                             |   |          |                           |                   |                             |  |

| YEAR: | 9/15/23, 9:20 AM   | Approach 1997 - N. 1997 - | Repair  | TACH  | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN<br>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.)   |
|-------|--|---|---|---|---|--|---|
|       | through beweekly report 2023-109. Of<br>and cut open of filter. No metal found | 12023 S.N.S/L-39267-36A Engine 1 Tach 2807-80 TTIS 2807-80  (FAR 43 app. D. with reference to P.per PA-28-181 AI/M 5-20-00. Researched AD's Compressions #1 7890 #2 7090 #3 7590 #4 7590. Drained oil sump, removed to Installed of Infer PN AA48110-2 and serviced oil sump with 7816 Aeroshell with NN 1797A Opsfoat, check good. Leerlify that this engine has been of Ringspection and was determined to be in airworthy condition.   | Campletes<br>due at this<br>AA48110-<br>71973. Re | a 100 HR inspection I<br>inne. Compressions #<br>and serviced oil sump<br>noved crank case seal | AW FAR 43 app<br>1 69/80 #2 73/8<br>with 7gts of Ac<br>and installed in | o. D with reference<br>0.#3.64/80.#4.69/<br>roShell W100.In:<br>ew seal P/N LW-1 | S.N.S.L-29267-36A Engine 1 Tach 2907.20 TTIS 2997.20 TSCH 1259.29  End Piper PA-28-181 AMM 5-20-00. Researched AD's through m-weekly recom 2927-20. No AD's 800. Distinct of vump-removed and out open of filter. No meral found, Installed oil filter PN spected, dearned, regap and remailated spark plugs, Replaced intake gaseet on Gill 32 was PN 3792.  In 100 HR inspection and was determined to be in airworthy condition. |
|       | aboutblank   | 2/3   |   |   |   |  |   |

| TE Created 10/09/2023 Model: O-360-A4M S/N S/L-39267-36A Engine 1   | Created 10/27/2023 Model: 0-360-A4M S.N.S/L-39267-36A Engine 1 Tach 2996.69 IT IS 2996.69 IS OH 1358.69  |
|---|--|
| Removed and replaced crankshaft oil seal P/N LW-13792, with reference to Lycoming service instruction No. 1324 C. Engine test run satisfactory.   | Completed a 100 HR inspection IAV FAR 43 app. D with reference to Piper PA-28-181 AMM 6-20-00. Researched AD's livrough binseedly report 2025-22. No applicable AD's Dual at this tree. Compressions at 17-180 are 58-80 at 5 60-00 at 4 64-80. Dranned of sump, removed und cut open of ther. No weed found. Installed of (Ifter PIN AA-46110-2 and serviced of sump with 7-bs of Aeroshell W100. Cleaned, Capped, Tested, and removabled spens plugs.  Lentify that this engine has been inspected in accordance with y100 HR inspection and way determined to be in airworthy condition.  |
| Logan Baker P#4638550 Date: 10/9/23 Signature:  | Daminic Blewett # P 4848287 Date 10/27/23 Signature Danish Blint   |
| Ke  |  |
| Created 10/10/2023 Model: O-360-A4M S/N S/L-39267-36A Engine 1 T  2922.80 TTIS 2922.80 TSOH 1284.80  Removed and replaced both push rod tube seals P/N SL18661 and SL70310 on cylinder #3 hote  Lepushrod tube and cyl #4 exhaust pushrod tube. Engine test run satisfactory. | The state of the s |
| Logan Baker P#4638550 Date: 10/10/23 Signature:   |  |

| KC            |   |                    |                                 | Alterations  |
|---------------|---|--------------------|---------------------------------|--|
|               | Created 11/16/2023                                | Model: O-360-A     |                                 | le Number of Technician or Repair  |
| 39267-36A     | Engine 1 Tach 3089.10                             |                    | TSOH 1451.10                    |  |
| Completed a   | 100 HR inspection IAW                             | FAR 43 app. D wit  | h reference to                  |  |
| Piper PA-28-  | 181 AMM. Researched A                             | D's through bi-wee | ekly report 2023-               |  |
| 23. No applic | cable AD's due at this time                       | e. Compressions #  | 1 76/80 #2 /8074                |  |
| #3 /0/80 #4   | 72/80. Drained oil sump, i                        | removed and cut of | pen oil filter no               |  |
| metal found.  | Installed oil filter P/N AA4                      | 8110-2 and service | ed oil sump with                | for the state of t |
| /qts of Aeros | hell W80. Removed LH n                            | nagneto P/N 4371   | S/N 107050486B                  |  |
| and installed | LH magneto P/N 4371 S/                            | N 96121738/L-09    | 731. Removed RH                 |  |
| magneto P/N   | 4370 S/N 08082015/K-0                             | 7112 and installed | RH magneto P/N                  |  |
| 1370 S/N 181  | 00976/ L-07480. Work do                           | one with reference | to I veomina                    |  |
| direct drive  | overhaul manual and tin                           | ned magnetos with  | reference to engi               | ne   |
| data plate.   |   |                    |                                 |  |
| I certify tha | at this engine has been<br>tion and was determine | inspected in acc   | ordance with a 10 hy condition. | 00   |
|               |   |                    | 01                              |  |
| Logan Bak     | er P#4638550 Date:                                | 11/16/23 Signat    | ure:                            | STATE OF THE STATE |

| K                    |
|----------------------|
|                      |
| Completed a 100 F    |
| AD's due at this tin |

Created 12/08/2023 Model: C-360-A4M S/N S/L-39267-36A Engine | Tach 3163.70 | FTIS 3163.70 | TSOH 1525.70

IR inspection IAW FAR 43 app. D with reference to Pipur PA-28-181 AIMS 5-20-00. Researched AD's through timeseety report 2023-25. No applicable e. 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 PN respect oil sump with 7uts of Aeroshell W80. Removed, deaned, inspected, gapped, and reinstalled spark plags. Replaced two spark plags with new places PIN DREMACE. Removed of sump sent to DIVCO to have Cyl #3 intake tube swaged. Reinstalled oil sump with reference to Excerning Overhault Direct Dave Manual and Lycoming SSP 1776-5. Replaced of sumpigasket with new gasket P/N SL68472. Replaced Intake gaskets on all Cyl with new gaskets PN 21875.

chnician or Repair

I certify that this engine has been inspected in accordance with a AQU HR inspection and was determined to be in airworthy condition. Dominic Blewett # P 4848287 Date: 12/8/23 Signature:

Created 12/28/2023 Model: 0-360-A4M S/N S/L-39267-36A Engine 1 Jack 3254-20 TIS 3254-20 TSCH 1616-20

Connelated a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's through beweetly report 2023-25. No applicable AD's due at this time. Compressions #1 /2/80 #2 68/80 #3 62/80 #4 74/80, Drained oil sump, removed and out open oil fiter. No metal found, installed oil filter P/N AA48110-2 and serviced oil sump with 7gts of Aeroshell W80. Cleaned Inspected, Gapped, and Tested spark plugs. Removed crankshaft oil seal and replaced with new seal P/N tW-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: Warning Blanch

| RECORDING TACH TIME TODAY'S FLIGHT 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.)   | epairs and Alterations and Certificate Number of Technician or Repair tries.)  Created 08/30/2023 SIN SL-39267-36A Engine 1 Tuck 2713.00 TIIS 2713.00 TSCH   |
|---|--|
| 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. Reasearched 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. | Con pletes a 100 HR inspection IAW FAR 43 abo. D %th reference to Piper PA-18+181 AMM 5-20-00. Researched ADS through leaverly report 272-18 Compressions at 7550 at 27-60 et 3 640-80 at 7550, Desired of curp, removed and curp, removed and second of second care shart seel where PN LM-13/92 per Lycoming SNo. 1220 Cleakops clierk good. Exertify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in Grigory Warton. #3807766 A&PTA. Date #39/23. Signature. |
| Logan Baker P#4638550 Date: 7/21/23 Signature:  |  |

| YEAR:         Challed 01/26/2024 Model: 0-360-A4M S.N.S/L-39267-36A Engine : Tech 3306.80 TSUH   | or Repair Created 02/07/2024 Model: O-360-A4M S/N S/L-39267-36A Engine 1 Tach 3351.30 TTIS schnician or Repair 3351.30 TSOH 1713.30  |
|--|--|
| Head is leaking front main carakshalt sed with new bort main seed PIN LW-13792 per latest Lycoming service instruction No. 1374D. Performed six is located.  Landor Needler: A&P Penning: Date 1/26/24. Surrature: White A&P Penning: Date 1/26/24 | 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 Cleaned and Gapped Spark Plugs. Drained oil sump with 7qts of Aeroshell W80. Timed Magnetos to the engine IAW Piper AMM. R/R P/N AJ48110-2 and serviced oil sump with 7qts of Aeroshell W80. Timed Magnetos to the engine IAW Piper AMM. R/R P/N AJ48110-2 and serviced oil sump with 7qts of Aeroshell W80. Timed Magnetos to the engine IAW Piper AMM. R/R P/N AJ48110-2 and serviced in Structions #1324D.  R/R 3 spark plugs P/N URFM40F.  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 August  |
|  | Created 02/15/2024 Model: O-360-A4M S.N.SiL-39267-36A Engine 1 Tach 3359.80 TSUH 1721.33  Removed and replaced Crankshaft OI Seal IAW Lyconing Service Instruction No. 1324D PIN: LW13792. Removed and Replaced cylinder #2 oil drain line by taking it off and screwing it. Suprature Owen Fortney # A&P 4429081 Date 2/15/24 Suprature Owen Service Instruction No. 1324D PIN: LW13792. Removed and Replaced cylinder #2 oil drain line by taking it off and screwing it off and |

| YEAR:  RECORDING TACH TIME  TODAY'S FLIGHT TIME IN SERVICE  TOME 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 03/08/2024 Model: O-360-A4M S/N: L-39267-36A   |
| Engine 1 Tach 3409.00 TTIS 2677.90 TSOH 0.00  Removed this engine O-360-A4M S/N 39267-36A from PA-28-181 N53533 with   |
| reference to Piper PA-28-181 AMM.  |
| Logan Baker P#4638550 Date: 3/8/24 Signature:  |
|  |
|  |
|  |



S/N S/N: L-39026-36A Engine 1 Tach 3637.70 TTIS 2906.60 TSOH of Technician or Created 05/09/2024 Model: O-360-A4M 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: Owen Tockery KC S/N S/N: L-39026-36A Engine 1 Tach 3726.2 Created 05/24/2024 Model: 0-360-A4M 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. Date: 5/24/24 Signature: Josh Kennedy A&P#4653415

| YEAR RECORDING TOD TACH TIME  TIME  TOD FLIG Concerted a 100 Not inspection (AW SAR 3) aug. D auth reference to Prov PA 38 191 AUM TIME  TIME  TOD Concerted a 100 Not inspection (AW SAR 3) aug. D auth reference to Prov PA 38 191 AUM TIME  TO Conspections R1 To 800 no 14/80 x1 37/90 no 44/80 Drained oil sump reference and out. Aud8110 and serviced oil sump with visits of Accissful W100 1 certify that this engine has been referred to the in a work of control. | 15 20 03 Researched ACV through by weekly report 2024  | YEAR 20DATE | RECORDING<br>TACH<br>TIME                    | TODAY'S<br>FLIGHT |                      | 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.) |
|---|--|-------------|--|-------------------|----------------------|---|
| Josh kennedy A3cP#4653415 Date 6/21/24 Signature Beshull  |  | Create      | d Thu, 08/15/24                              | Model             | :0-360-A4M           | S/N: L-39026-36A  |
| Created Tue, 07/16/24 Model 0 360-A4M S/N L-39026-36A   |  | TACH:       |  | IS: 3336 1        | TSOH: 658.2          |   |
| TACH 3914 / TTIS 3175 5 TSOH 497.6  |  | Lucani      | an dispet drive m                            | anual Cor C       |                      | th overhauled tempest engine fuel pump P/N LW15472 S/N 19W614 per   |
| Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 , Researched ADS 76/80 #2 76/80 #3 76/80 #3 76/80 Diamed oil sump, removed and cut open oil filter. No metal found installed oil fill Aerovied W100. Replaced leaking value over gaskets on #1, #2, #8 76/80 #6 FM FM 75/80-5. Timed magnetos with  | ter P/N AA48110-2 and serviced oil sump with 7ats of   | Josh Ke     | ennedy A&P#                                  | 4653415 Da        | ate: Thu, 08/15/2    | 4 Signature John  |
| with reference to Lycoming SSP-1776-5   | h reference to engine data plate and torqued magnetos  | 150-425/100 | 4 X X 10 10 10 10 10 10 10 10 10 10 10 10 10 |                   |                      |   |
| I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in a  | airworthy condition.   | -           |  |                   |                      |   |
| Logan Baker P#4638550 Date Tue, 07/16/24 Signature  |  |             | Thu: 08/29/24                                | Model 0-3         | 60-A4M S/N L         | 39026-36A TACH 4109-2 TTIS 3370-3 TSOH 692-4  |
|   |  |             |  |                   |                      | with reference to Piper PA: 28-181 AMM 5-20-00. Researched AD's through to -aceting report 2024-<br>88/80 #2 76/80 #3, 78/80 #4 79/80. Dramed of sump, removed and out open of hiter No metal               |
| Created Fri, 08/02/24 Model: 0-360-A4M S/N: L-39026-36A   | 100 100 100 100 100 100 100 100 100 100  |             |  |                   |                      |   |
| TACH: 4010.7 TTIS: 3271.5 TSOH: 593.6   |  | Remarks     | 12153 and repla                              | ced it with Mag   | neto P/N: 4371 S/N:  | H-Y070481. Removed K/H Magneto P/14. 4370 3/14.   |
| Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 A   | AMM 5-20-00. Researched AD's through bi-   |             | 4370 S/N: H-Y0                               | 70123 IAW per L   | ycoming direct drive | e overhaul manual CH4.  rdance with a 100 Hour inspection and was determined to be in anworthy condition.   |
| weekly report 2024-15. Compressions #1 76/80 #2 74/80 #3 78/80 #4 76/80 Drained o<br>metal found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of Aeros   | oil sump, removed and cut open oil filter. No  |             | Owen Fortney                                 | A&P #442908       | 1 Date Thu, 08/29    | 1/24 Signature Ower) Total  |
| been inspected in accordance with a 100 Hr. inspection and was determined to be in  | airworthy condition.   | Date        | Thu 08/29/24                                 |                   |                      | Hobbs fine 41992 h  |
| Josh Kennedy A&P #4653415 Date: Fri, 08/02/24 Signature: // ##1   |  | User        | Owen Fortney A                               | A&P #4429081      |                      | tog Dute Thu 08/27/24   |
|   | The state of the s | Aircraft    | N53533                                       |                   |                      | MX Instruction 1to HOUR INSPECTION  |

| Created Tue, 05/03/24   Model 0-360-A4M   S/N L-39026-36A   |  |
|---|--|
| YEAR RECC TACH 41250 TTIS 33881 TSOH 7102   | Essential Aviation   |
|   | N53533 S/N:2843579   |
| 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 ICFX18 using Characteristics of the pump P/N LW-15472 S/N ICFX18 using | Lycoming O-360A4M S/N: L-39026-36A   |
| Landon Reeder A&P #4369883 Date Tue, 09/03/24 Signature Rooms Lunc  | Tach time:4376.2 TSMOH: 961.5 Date:10/27/24  |
| Total Onosice signature   | Completed 100 hr inspection per FAR part43 appendix D and PA-28-181 A.M.M. Performed compression check   |
| Created Wed, 09/18/24 Aircraft Registration Number. N53533 Make: Lycoming Model 0-360-A4M S/N L-39026-36A   | #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   |
| TACH 4196.5 TTIS 3459.6 TSOH 781.7  |  |
| Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-26-181 AMM 5-20-00. Researched AD's through bi-weekly  | inspection. Serviced engine w/7 Qts of Aeroshell 80W oil. Removed, cleaned, inspected, gapped, tested and  |
| report 2024-18 Compressions #1 78/80 #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 7grs of Aeroshell W100 Replaced cyl #2 intake gasket P/N SL71973. Timed   | reinstalled spark plugs. Researched AD's through ad bi-weekly report 2024-21.  |
| both magnetos with reference to engine data plate. Replaced Eshaust talippe hanger clarity PN A24791-0306   | I certify that this engine has been inspected in accordance with 100 HR per FAR part 43 appendix D and was   |
| I certify that this engine has been inspected in accordance with a 100 HR inspection and has been determined to be in an airworthy  | determined to be in airworthy condition.   |
| condition.  | Gregory Warton A&P 3807766 IA  |
| Logan Baker P #4638550 Date Wed, 09/16/24 Signature   | Gregory Warton A&P 3607766 IA  |
| Fri, 10/11/24 Model 0-360 A4M S/N L-39026-36A TACH 42836 TTIS 3546.4 TSOH 868.5   | And the second s |
| Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 Percented ADV the call his  | Created: Tue, 12/03/24 Model: 0-360-A4M S/N: L-39026-36A   |
| 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 Aerosheil W100.   | TACH: 44710 TTIS: 3731.1 TSOH: 1053.2  |
| I certify that this engine has been inspected in accordance with 100 Hour Inspection and has been determined to be in an airworthy  | 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 section 9.1.   |
|   | overhaul direct drive manual section 9 and Lycoming service instruction 1427C. Test run satisfactory and aircraft is approved  |
| Owen Fortney - A&P #4429081 Date Fri, 10/11/24 Signature Culture Touther  |  |
| · ·   | Logan Baker A&P #4638550 Date: Tue, 12/03/24 Signature:  |
|   |  |

| ATE | RECORDING<br>TACH<br>TIME   | TODAY'S<br>FLIGHT  | TOTAL<br>TIME IN<br>SERVICE  | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Te Repair Facility. (See back pages for other specific entries.)  | nnician or | YEAR<br>20<br>DATE | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT  | TOTAL<br>TIME IN<br>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, 1<br>39026-36A  | 12/05/24   | Aircraft Regis   | stration Number: N53533 Make: Lycoming Model. 0-360-A4M S/N: L-   |            |                    | K  |  |   |  |
|     | TACH: 4471.0  | TTIS   | 3731.1   | TSOH: 1053.2  |            |                    | IV.  |  |   |  |
|     | connecting rod<br>removed and co<br>Aeroshell W100<br>valve cover gas | is installed a<br>topen oil of<br>Adjusted to<br>kets P/N 08 | 1024-24. No ap<br>and date of ove<br>filter. No meta<br>atiming on LH r<br>a-01314. Replai<br>as been insper | 2.43 app. D with reference to Piper PA. 28-181 AMM 5-20-00. Researched AD's opplicable AD's due at this time. AD 2024-21-02 not applicable due to erhaul Compressions #1.75/80 #2.79/80 #3.72/80 #4.76/80. Drained oil sump, si found. Installed oil filter P/N AA48110-2 and serviced oil sump with 7qts of magneto with reference to engine data plate. Replaced cylinder #2, #3 and #4 ced one spark plug P/N UREM40E. |            |                    | ETSOH: 1134 Completed a 1 Researched Al #1 72/80 #2 76 Installed oil filte cyt#1 and cyt#. Replaced #1 c | -A4M S<br>.5<br>00 HR ins<br>0's throug<br>5/80 #3 76<br>er P/N AA-<br>4 intake gi | pection IAW<br>h bi-weekly re<br>180 #4 74/80.<br>18110-2 and s<br>aske(s) with lake hose P/N | Aircraft Registration Number: N53533 Make: Lycoming 026-36A Engine 1 Tach: 4552.3 ETTIS: 3812.4  FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. eport 2024-26. No applicable AD's due at this time. Compressions Drained oil sump, removed and cut open oil filter. No metal found. serviced oil sump with 7cts of Aeroshell W80. Replaced leaking P/N 71973. Replaced cyff 3 valve cover gasket P/N APS-75906-S. 69603. |
|     | Logan Baker A&P #4638550 Date: Thu, 12/05/24 Signature:               |  |  |   |            | determined to      | be in air  | worthy cond  | //- 1= 1=1  |  |
|     |   |  |  |   |            |                    | Kodie Smith  | A&P#47   | 88841 Date  | e: 01/10/2025 Signature: // Mod he State   |
| -   |   |  |  |   |            |                    |  |  |   |  |
|     |   |  |  |   |            |                    | S TO STORY   |  |   |  |

| D2/D8/2025 N53533 Make: Lyconing Model: O-360-A4M S/N: L-3902G-36A Engine 1 Tach 4.642 6   | TYEAR 20 TACH TIME TIME TODAY'S FLIGHT TIME IN SERVICE TOTAL TIME IN SERVICE TO THE SERVICE | or |
|--|--|----|
| Considered a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00. Researched AD's  Considered 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-weetly report 20:25-02. No applicable AD's due at this time. Compressions #1 78/80 #2 78/80 #3 70/80 #4  through bi-weetly report 20:25-02. No applicable AD's due at this time. Compressions #1 78/80 #2 78/80 #3 70/80 #4  through bi-weetly report 20:25-02. No applicable AD's due at this time. Compressions #1 78/80 #2 78/80 #3 70/80 #4  through bi-weetly report 20:25-02. No applicable AD's due at this time. Installed oil filter No metal found.  Tiles 19/80 Pin No Ad8110-2 and serviced and septimental form the Pin No 1973. RPR fuel screen grasket PN: oil summer strike of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good. Retimed RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC16-A48. Leak check good RPH mag to the 25 degrees before IDC on compression stroke of cylinder #1 and MC | Created 03/13/2025 Aircraft Registration Number: NS3533 Make: Lycoming Model: C-360- AMN S/N: L-39028-36A TT: 4731.10 TTIS: 3993.90 TSOH: 1316.00  Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 and Lycoming C- 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through bi-weekly report 2025-05. No applicable AD's due at this time. Compressions 41 360 MR. Researched AD's through BMR. Section 41 360 MR. |    |
|  | Josh Kennedy A&P 4653415 Date: 3/13/25 Signature   |    |

| YEAR<br>20 | RECORDING<br>TACH<br>TIME   | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>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.)   | YEAR 20DATE | Created 06/04/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: O-360-A4M S/N: L-39026-36A TT: 4907.90 TTIS: 4170.70 TSOH: 1492.20   |  |
|------------|---|-------------------|-----------------------------|---|-------------|--|--|
|            | Created 05/08/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: O-360- A4M S/N: L-39026-36A TT: 4817.80 TTIS: 4080.60 TSOH: 1402.70  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 b-weekly report 2025-09. No applicable AD's due at this time. Compressions #1 76/80 #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 W80. Cleaned, inspected, gapped, tested, and reinstalled spark plugs. Replaced #4 intake riser P/N 70485 and intake gasket P/N SL71973. Performed engine run up and leak check, no defects noted. |                   |                             | .80 TTIS: 4080.60 TSOH: 1402.70  FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 and Lycoming O-weekly report 2025-09. No applicable AD's due at this time. Compressions #1 ained oil sump, removed and cut open oil filter. No metal found, Installed oil filter with 7qts of Aeroshell W80. Cleaned, inspected, gapped, lested, and reinstalled |             | Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 and Lycoming D-360 MM. Researched AD's through bi-weekly report 2025-11. No applicable AD's due at this time, Compressions #1 76/80 #2 74/80 #3 76/80 #4 76/80. Drained oil sump, removed and cut open oil filter. No metal found. Installed oil filter PN AA48110-2 and serviced oil sump with 7tgs of Aeroshell W80. Cleaned, inspected, gapped, tested, and reinstalled spark plugs. 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.  Frank Horveath A&P 5135166 Dale: 6/4/25 Signature: |  |
|            | determined  | to be in a        | n airworthy co              | respected in accordance with a 100 hour inspection and has been indition.   |             |  |  |

YE

| YEAR     | Created 07/10/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: C-360- A4M S/N: L-39026-36A TT: 4998.60 TTIS: 4261.40 TSOH: 1583.50   | YEAR INCORPORATE TOTAL TAKE IN TAKEN   |
|----------|---|--|
| DATE     | Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM 5-20-00 and Lycoming O-<br>360 MM. Researched AD's through bi-weekly report 2025-13. No applicable AD's due at this time. Compressions #1 | WO17665 - N53533 - Piper   |
|          | 79/90 #2 74/90 #2 77/90 #4 76/90 Drained oil sump, removed and cut open oil filter. No metal found, installed oil filter  | - S/N:L-39026-36A -  |
|          | PN AA8110-2 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      | ACTT: 5090.10 - TACH: 5090.10 - HOBBS: 5613.10 -   |
|          | P.N.LW-13792. Tightened intake hose damps. Performed engine run up and leak check, no defects noted.  | Completed a 100 HR inspection IAW FAR 43 app. D with reference to weekly report 2025-17. Compressions #1 76/80 #2 74/80 #3 74/80 #4  |
| 1 1 1    |   | metal found. Installed of filter P/N AA48110-2 and serviced oil sump w   |
| -        | I certify that this engine has been inspected in accordance with a 100 hour inspection and has been   | and #3 bottom spark plug P/N UREM40E I certify that this engine ha   |
|          | determined to be in an anworthy condition.  | and was determined to be in airworthy condition.   |
|          | determined to be in an airworthy condition.  Landon Reeder A&P 4369883 Date: 7/10/25 Signature:  Created B723/2025 Aircraft Registration Number: NS3533 Make: Lycoming Model: Q-360-  | Josh Kennedy A&P 4653415 8/27/2025 Signature f 1   |
| A4I      | Created 07/21/2025 Aircraft Registration Number: N53533 Make: Lycoming Model: 0-360- N S/N: L-39026-36A TT: 5020.30 TTIS: 4283.10 TSOH: 1605.20   |  |
|          | gine was sputlering between 1000 rpm to 1300 rpm and had a rough mag drop. Found cylinder #2 intake riser had a   |  |
|          | uction leak. Reptaced gasket P/N: SL71973 and no defects noted IAW Lycoming 0-360 overhauf MM and Piper PA-<br>181 AMM. Cleaned, inspected, gapped, tested, and reinstalled spark plugs. Performed engine run up and high speed |  |
| tavi     | no defeate noted  | CONTRACTOR DESCRIPTION OF THE PARTY OF THE P |
| Owe      | en Fortney A&P #4429081 Date: 7/21/25 Signature: Owen Total   |  |
|          |   |  |
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|          |   |  |
| mr 9 155 |   |  |

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lumber of Technician or

Office: (866) 383-2400 - Fax: (940) 3381-3555

Archer II - S/N: 2843579 - S/N:36158K

- ETT: 4352.90 - TSMO: 1675.00 - PTT: 5090.10

Piper PA-28-181 AMM 5-20-00. Researched AD's through bi-76/80. Drained oil sump, removed and cut open oil filter. No with 7qts of Aeroshell W100. Replaced Upper cyl #2 spark plug as been inspected in accordance with a 100 HR inspection