

100412
1088.4

2

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

Custom Airmotive, Inc.
FAA REPAIR STATION #DC2R763K
AIRCRAFT ENGINE SERVICE
2702 N. SHERIDAN, BLDG. B
TULSA, OKLA. 74115
(918) 636-6836
FAX (918) 636-9431

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page | | | | |
| 8-3-19 | | | | ENGINE TOTAL TIME 2873.2 |
| LEFT TACH | 875.28 | | | SMOH 420.37 |
| LYCOMING | 0-540-A1D5 | | | SERIAL NUMBER L-1201-40 |
| PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH PIPER AZTEC SERVICE MANUAL. OIL DRAINED AND REFINED. NEW AA48109 OIL FILTER INSTALLED. COMPRESSIONS: #1 70/80 #2 72/80 #3 76/80 #4 74/80 #5 68/80 #6 74/80. SPARK PLUGS CLEANED, MAGS TIMED. AD LIST REVIEWED. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. | | | | |
| IA 2819514 | | | | |
| Randall Walton | | | | |
| 10-24-2020 | | | | ENGINE TOTAL TIME 2880.94 |
| LEFT TACH | 883.02 | | | SMOH 428.11 |
| PERFORMED AN ANNUAL INSPECTION PER PIPER AZTEC SERVICE MANUAL. OIL DRAINED AND REFINED. OIL FILTER INSPECTED NO CONTAMINATION FOUND. COMPRESSIONS: #1 73/80 #2 74/80 #3 78/80 #4 79/80 #5 73/80 #6 76/80. AD LIST REVIEWED. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. | | | | |
| IA 2819514 | | | | |
| Randall Walton | | | | |
| SUB-TOTALS this page | | | | |
| TOTALS—Carry forward to next page | | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page | | | | |
| 010/09/2021 | | | | Engine Total Time 2893.32 |
| Left Tach | 895.40 | | | SMOH 440.49 |
| Lycoming | 0-540-A1D5 | | | Serial Number L-1201-40 |
| LEFT ENGINE LOG N113JB | | | | |
| Performed an ANNUAL inspection in accordance with Piper manual Compressions #1 78/80 #2 74/80 #3 76/80 #4 78/80 #5 68/80 #6 79/80 filter inspected for contamination, Engine ran up and checked for leaks none found. | | | | |
| I certify this ENGINE has been inspected in accordance with an annual inspection is determined to be in AIRWORTHY condition | | | | |
| IA2819514 | | | | |
| Randall Walton | | | | |
| 9-29-2022 | | | | |
| LEFT TACH | 903.55 | | | TOTAL ENGINE TIME 2901.47 |
| SMOH | 448.64 | | | AD LIST REVIEWED |
| PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH PIPER MANUAL. COMPRESSIONS: #1 76/80 #2 78/80 #3 79/80 #4 79/80 #5 76/80 #6 78/80. DRAINED OIL SERVICED WITH 12 QTS PHILLIPS XC 20W50, OIL FILTERS CHECKED FOR CONTAMINATION. NEW CH48109 FILTERS INSTALLED. ENGINE RAN UP AND CHECKED FOR LEAKS NONE FOUND. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. | | | | |
| IA 2819514 | | | | |
| Randall Walton | | | | |
| SUB-TOTALS this page | | | | |
| TOTALS—Carry forward to next page | | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|--------------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page | | | | |
| Piper Aztec PA23-250 Tach: L/E 2776.76 | S/N 27-127 TT 2776.76 | Reg N4615P SMOH 323.76 | Date: July 7, 2003 | <p>Drained oil and cleaned screens. Remove and regapped plugs. Performed compression tests, all cylinders above 80/70. Filled with 11 quarts of Aeroshell W100. Run engine; mag checks good; no oil leaks. I certify that this engine has been inspected in accordance with annual inspection procedures and is approved for return to service.</p> <p>NAME <u>David R. Harmon</u> CERTIFICATE# <u>IA2184898</u> SIGNATURE <u>David R. Harmon</u></p> |
| Piper Aztec PA23-250 Tach: L/E 2820.89 | S/N 27-127 TT 2820.76 | Reg N4615P SMOH 368.27 | Date: June 7, 2004 | <p>Drained oil and cleaned screens. Remove and regapped plugs. Performed compression tests, all cylinders above 80/70. Filled with 11 quarts of Aeroshell W100. Run engine; mag checks good; no oil leaks. I certify that this engine has been inspected in accordance with annual inspection procedures and is approved for return to service.</p> <p>NAME <u>David R. Harmon</u> CERTIFICATE# <u>IA2184898</u> SIGNATURE <u>David R. Harmon</u></p> |
| Piper Aztec PA23-250 Tach: L/E 2863.19 | S/N 27-127 TT 2863.19 | Reg N4615P SMOH 410.70 | Date: June 1, 2005 | <p>Drained oil and cleaned screens. Remove and regapped plugs. Performed compression tests, all cylinders above 80/70. Filled with 11 quarts of Aeroshell W100. Run engine; mag checks good; no oil leaks. I certify that this engine has been inspected in accordance with annual inspection procedures and is approved for return to service.</p> <p>NAME <u>David R. Harmon</u> CERTIFICATE# <u>IA2184898</u> SIGNATURE <u>David R. Harmon</u></p> |
| TOTALS—Carry forward to next page | | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|--------------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page | | | | |
| 6-6-06 | 2867.3 | 414.37 | 2867.3 | <p>Drained oil & cleaned screens. Filled w/10 Qts Aeroshell 100w. Compression All cylinders 80/70 on greater R & R All plugs when. I certify This engine has been inspected I. A. W. Annual inspection procedures and is approved for Return To Service</p> <p><u>David R. Harmon</u> <u>IA 2184898</u></p> |
| Piper Aztec PA23-250 Tach: L/E 2868.83 | S/N 27-127 TT 2868.83 | Reg N4615P SMOH 416.0 | Date: May 13, 2008 | <p>Performed compression tests, all cylinders above 80/70. Did not change oil. Ran engine; mag checks good; no oil leaks. I certify that this engine has been inspected in accordance with annual inspection procedures and is approved for return to service.</p> <p>NAME <u>David R. Harmon</u> CERTIFICATE# <u>IA2184898</u> SIGNATURE <u>David R. Harmon</u></p> |

07/22/2018
Left Tach 870.91
Lycoming O-540-A1D5

ENGINE LOG
N113JB

Engine Total Time 2868.83
SMOH 416.0
Serial number L-1201-40

Installed engines on aircraft. Removed Generators and installed new Plane power Alternator kit part number SA10682SC. Replaced Starter with Sky Tech 07-00762. See 337's for details Aircraft was weighed see aircraft logs for details. Oil was drained and refilled, filter inspected for contamination, Compressions #1 79/80 #2 76/80 #3 72/80 #4 76/80 #5 74/80 #6 78/80. Engine ran up and checked for leaks none found.

I certify this ENGINE has been inspected in accordance with an annual inspection is determined to be in **AIRWORTHY** condition

IA2819514
Randall Walton
Randall Walton

| | | | |
|-----------------------------------|--|--|--|
| SUB-TOTALS this page | | | |
| TOTALS—Carry forward to next page | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page | | | | |
| Date: 06-04-99 TT: 2612.0 L/2612.0 R/678.4 Removed and replaced left & right carb heat cables. Removed left & right engine exhaust. Exhausts repaired and replaced with new gaskets and nuts. Left & right propellers removed for AD 97-18 -02. After AD was complied with, they were replaced with new O-rings and nuts. (AD complied with by Aircraft Propellers) | | | | |
| <i>[Signature]</i> 243-50-1428 RP | | | | |
| Date: 6-4-99 6-4-99 Total Time: 2612.0 2612.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | | | | |
| <i>[Signature]</i> 243-50-1428 IF | | | | |
| Date: 6-1-00 6-1-00 Total Time: 2652 2652 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | | | | |
| <i>[Signature]</i> 243-50-1428 IF | | | | |
| Date: 6-1-00 TT: 2652 TAC: 2652 Left Engine Replaced tube assy cyl. head oil drain, P/N71737. Repaired air box (welded cracks). | | | | |
| <i>[Signature]</i> 243-50-1428 RP | | | | |
| SUB-TOTALS this page | | | | |
| TOTALS—Carry forward to next page | | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--|-----------------------|---------------------------|------------------------------|---|
| TOTALS brought forward from previous page | | | | |
| 5/1/01 REMOVED OLD COUPLING ASSY SMOH P/N 16559-000 AND REPLACED 224. WITH NEW UNIT TT 2679. | | | | |
| <i>[Signature]</i> 243-50-1428 RP | | | | |
| Date: 5-1-01 Total Time: 2679 SMOH 224. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | | | | |
| <i>[Signature]</i> 243-50-1428 IF | | | | |
| Piper Aztec PA23-250 Ser# 27-127 Reg# N4615P June 8, 2002 Tach L/E 2731.7 TT 2731.4 SMOH 278.7 | | | | |
| Drained oil and cleaned screens. Filled with 10 quarts of Texacol 100. Run engines and checked for leaks; ops check good. Compression checks normal. Remove and replaced plugs. I certify that this engine has been inspected in accordance with annual inspection procedures and is approved for return to service. | | | | |
| <i>[Signature]</i> DAVID R. HARMON IA2184898 | | | | |
| SUB-TOTALS this page | | | | |
| TOTALS—Carry forward to next page | | | | |

ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

TT _____ TSMOH _____ 1:1 (test run)
Model: 0-540-A105 S/N L-1201-40

The aircraft engine identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under work order no.: 13586
Date: Sept. 19, 1995 Signed: Mark D. Lutting

FOR FAA REPAIR STATION DC2R763K

Carburetor and magnetos were also overhauled (see appropriate yellow tags). Spark plugs, ignition harness, and fuel pump are new. This engine is equipped with chrome cylinder bores.

AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E295
MODEL 0-540-A105 S/N L-1201-40 WO# 13586 TOTAL TIME _____

- A.D.# METHOD OF COMPLIANCE
- 59-10-07 P/C/W.
- 63-14-03 P/C/W; HAD REDESIGNED SHAFT.
- 64-16-05 C/W BY USE OF A NEW P/N LW-15472 PUMP.
- 66-14-03 N/A PER MODEL OR S/N.
- 66-20-04 N/A; HAS ORIGINAL SCREEN TYPE FILTER.
- 73-23-01 N/A TO THESE NEW AL-14077-1 PINS.
- 75-08-09 P/C/W; ALSO SEE 81-18-04R2.
- 81-18-04R2 C/W BY USE OF P/N 05K19423-S KIT.
- 87-10-06R1 N/A PER S/N OR THESE ROCKER ARMS.
- 91-14-22 C/W LYCOMING SB#475B AT THIS OVERHAUL.
- 92-12-05 N/A TO THESE NEW AL-14077-1 PINS.
- 93-11-11 N/A TO THIS NEW PUMP.
- 94-14-13 N/A TO THIS ENGINE.
- 95-07-01 N/A; USED 74644 ROD BOLTS.

SIGNED: Mark D. Lutting FOR: CRS# DC2R763K ON: Sept. 19, 95

| | |
|---|--|
| Date <u>8/1/97</u> Total Time <u>2533</u> TAC <u>2533</u> | |
| I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | |
| <u>M. V. Stunkard AIP 174183157</u> | |
| SUB-TOTALS this page | |
| TOTALS—Carry forward to next page | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---------|-----------------------|---------------------------|------------------------------|---|
| | | | | TOTALS brought forward from previous page |
| 1/19/96 | - | 0 | ^{4/10} 2453.4 | Installed this engine on 4/6/96 this date. Replaced all engine load mounts with new. Operational Check satisfactory. I certify this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition. <u>Thomas R. Brouty</u> AIP P2230151 JA |
| | | | | 8/1/97 Date <u>2533</u> Total Time <u>2533</u> TAC <u>2533</u> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Good D. Alk</u> AIP 743-50-1428 |
| | | | | 10/10/97 ADJUSTED ALTERNATOR BELT, <u>Good D. Alk</u> AIP 743-50-1428 |
| | | | | 5/23/98 Date <u>2581.14</u> Total Time <u>2581.14</u> TAC <u>2581.14</u> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Good D. Alk</u> AIP 743-50-1428 JA |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS—Carry forward to next page |

R.



Custom Airmotive, Inc.

FAA REPAIR STATION #DC2R763K
2702 N. SHERIDAN PH. 918-836-6836
Tulsa, Okla. 74115

WARRANTY:

All engines rebuilt by Custom Airmotive after March 1, 1992, are guaranteed to be free from defects in material and workmanship, under normal use and service for six months or 240 hours; whichever occurs first. An additional prorated warranty will apply to parts only to manufacturers published T.B.O. Accessories will be guaranteed by the vendor. All parts and labor to be approved by Custom Airmotive prior to commencement of work. Cracked cylinders and crankcases excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Proration to be based on hours logged, or 40 hours per month; whichever is greater.



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer Lycoming

Model O-540-A1D5

Serial No. L-1201-40

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear

**AERO
TECH PUBLICATIONS INC.**
P.O. BOX 6005/FREEHOLD, N.J. 07728
(908) 462-5330