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THE  
**adlog**™ 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) 836-6836

FAX (918) 836-8431

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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
				<b>TOTALS</b> brought forward from previous page
8-3-19 LEFT TACH 875.28 LYCOMING 0-540-A1D5				ENGINE TOTAL TIME 2873.2 SMOH 420.37 SERIAL NUMBER L-1201-40
<p>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.</p> <p>IA 2819514 Randall Walton</p>				
10-24-2020 LEFT TACH 883.02				ENGINE TOTAL TIME 2880.44 SMOH 428.11
<p>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.</p> <p>IA 2819514 Randall Walton</p>				
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				<b>TOTALS</b> brought forward from previous page
010/09/2021 Left Tach 895.40 Lycoming 0-540-A1D5				LEFT ENGINE LOG N113JB Engine Total Time 2893.32 SMOH 440.49 Serial Number L-1201-40
<p>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.</p> <p>I certify this ENGINE has been inspected in accordance with an annual inspection is determined to be in AIRWORTHY condition</p> <p>IA2819514 Randall Walton</p>				
9-29-2020				
<p>LEFT TACH 903.55, TOTAL ENGINE TIME 2901.47 SMOH 448.64. AD LIST REVIEWED</p> <p>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. #</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>IA 2819514 Randall Walton</p>				
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
<p><b>Piper Aztec PA23-250 S/N 27-127 Reg N4615P Date: July 7, 2003</b>  <b>Tach: L/E 2776.76 TT 2776.76 SMOH 323.76</b></p> <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>				
<p><b>Piper Aztec PA23-250 S/N 27-127 Reg N4615P Date: June 7, 2004</b>  <b>Tach: L/E 2820.89 TT 2820.76 SMOH 368.27</b></p> <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>				
<p><b>Piper Aztec PA23-250 S/N 27-127 Reg N4615P Date: June 1, 2005</b>  <b>Tach: L/E 2863.19 TT 2863.19 SMOH 410.70</b></p> <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
<u>6-6-06</u>				TOTALS brought forward from previous page
<u>6-6-06</u>	<u>2867.3</u>	<u>414.37</u>	<u>2867.3</u>	<p>Drained oil &amp; cleaned Screen. Filled w/10 Qts Aeroshell 100w. Compression all cylinders 80/70 on magnet. R/R all phsys a/w. I certify this engine has been inspected in accordance with annual inspection procedures and is approved for return to service.</p> <p>I-A.W. Annual inspection procedures and is approved for return to service</p> <p><u>David R. Harmon</u></p> <p><u>IA 2184898</u></p>
<p><b>Piper Aztec PA23-250 S/N 27-127 Reg N4615P Date: May 13, 2008</b>  <b>Tach: L/E 2868.83 TT 2868.83 SMOH 416.0</b></p> <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>				
<p>07/22/2018    Left Tach 870.91    Lycoming 0-540-A1D5</p>				<p>ENGINE LOG    N113JB</p> <p>Engine Total Time 2868.83    SMOH 416.0    Serial number L-1201-40</p> <p>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.</p> <p>I certify this ENGINE has been inspected in accordance with an annual inspection and is determined to be in AIRWORTHY condition</p> <p>IA2819514 <u>Randall Walton</u></p>
<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>				

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
				<b>TOTALS</b> 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>David R. Ollie</i> J243-50-1428 I/P
				Date <del>6-4-99</del> Total Time <del>2612.0</del> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>David R. Ollie</i> J243-50-1428 I/P
				Date <del>6-1-00</del> Total Time <del>2652</del> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>David R. Ollie</i> J243-50-1428 I/P
				Date: <del>6-1-00</del> TT: 2152 TAC: 2152 Left Engine Replaced tube assy cyl. head oil drain, P/N71737. Repaired air box (welded cracks).
				<i>David R. Ollie</i> J243-50-1428 I/P SUB-TOTALS this page
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5/1/01				REMOVED OLD COUPLING & 1755Y SMOH P/N 16559-000 AND REPLACED 224, WITH NEW 1755 TT 2679.
				<i>David R. Ollie</i> J243-50-1428 I/P
				Date <del>5-1-01</del> Total Time <del>2679</del> SMOH 226. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<i>David R. Ollie</i> J243-50-1428 I/P
				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 <del>annual inspection</del> procedures and is approved for return to service.
				<i>David R. Harmon</i> DAVID R. HARMON IA2184898
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## ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

DATE: 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 manufacturers 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. Litchfield

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 Chromed 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. Litchfield FOR: CRS# DC2R763K ON: Sept. 19, 1995

Date 8/1/97 Total Time 2533 TAC 2533  
 I CERTIFY THAT THIS ENGINE HAS BEEN  
 INSPECTED IN ACCORDANCE WITH ANNUAL 100-HR.  
 INSPECTION AND WAS DETERMINED TO BE  
 IN AIRWORTHY CONDITION.

M. V. Sturkard AOP 194182157

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1/19/96	-	0 <sup>4/10</sup>	2453.4	Installed this engine on 4615P 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. Brantley</u> A# P223015, TA
				<u>8/1/97</u> 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>Mark D. Walk</u> A# P223015, TA 8/1/97 Total Time 2533 TAC 2533 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<u>10/10/97 ADJUSTED ALTERNATOR BOLT, Mark Walk</u> A# P223015, TA 8/1/97 Total Time 2533 TAC 2533 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<u>5/23/98</u> Date <u>25314</u> Total Time <u>25314</u> TAC <u>25314</u> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<u>Mark D. Walk</u> A# P223015, TA 8/1/97 Total Time 2533 TAC 2533 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
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### 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.  
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