

Right

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. 6918

Engine Manufacturer Lycoming

Model O-360-A1D

Serial No. L-20780-36A

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear

(All applicable information must be filled in)




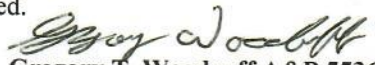
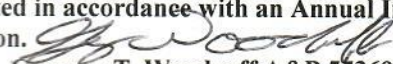
AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965

(516) 765-9375

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FAX: (516) 765-9359

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				
N6918	<u>Right Engine</u>	November 07, 2003	Tach: 2048.0	SMOH: 765.4 TTENG: 4745.12
<ol style="list-style-type: none"> 1. Performed an Annual Inspection I/A/W 14 CFR 43 Appendix D and Piper PA/23-160 Apache/Geronimo series Maint. Manual. 2. Performed compression check: #1-79/80, #2-79/80, #3-77/80, #4-79/80. 3. Changed oil and filter (CH48110). Serviced with 8 quarts of Aeroshell W100 SAE 50 oil. 4. Cleaned, gapped, and rotated spark plugs. Checked and lubed controls. 5. Inspected and cleaned all fuel and oil screens. No unusual contaminants noted. 6. Adjusted idle to 650rpm. Re-timed Magnetos to 25 deg. BTDC. 7. Exhaust system repaired/replaced with new from Knisely Welding, Loomis, Ca (W/O 112283, FAA Repair Station No. NJ3R712L). New system fabricated to specifications of old system. Inspected repaired/new system and installed with new gaskets (77611). 8. Engine run-up good, no leaks. AD' s checked through 2003-22. <i>I certify that this engine has been inspected I/A/W an Annual Inspection and was found to be in an airworthy condition. Next due: November 2004 See Auburn Flight Service WO# 4496</i> <p style="text-align: right;"> Ryan Gallagher A&P 539985134 I.A.</p>				
N6918	July 28, 2004 Right Engine			Hobbs 2090.8 SMOH 808.2
<ol style="list-style-type: none"> 1. Changed engine oil and filter (CH48110-1). Visual inspection of used oil filter element revealed no unusual contamination. Safetied new oil filter. Serviced engine with 7 quarts Aeroshell W100 oil. Washed and dried engine. No leaks noted. <p style="text-align: right;"> Gregory T. Woodruff A&P 553697406</p>				
N6918	January 7, 2005 Right Engine			Hobbs 2128.0 SMOH 845.4 TTENG 4825.12
<ol style="list-style-type: none"> 1. Performed Annual Inspection in accordance with Piper Apache PA23-150/160 Series Service Manual and F.A.R. 43 Appendix D. 2. Performed compression check: #1 79/80 #2 79/80 #3 79/80 #4 77/80. 3. Changed oil and filter (CH48110-1). Visual inspection of used oil filter element and suction screen revealed no unusual contamination. Safetied new oil filter and suction screen plug. Serviced engine with 8 quarts Aeroshell W100 oil. Washed and dried engine. No leaks noted. 4. Serviced and rotated all spark plugs. 5. Replaced induction air filter element (BA10) with new. 6. Replaced throttle control cable bolt at the carburetor arm (AN3-7) with new. Safetied with a new cotter pin. 7. A.D.'s checked through 2004-26. 				
<p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"> Gregory T. Woodruff A&P 553697406 I.A.</p>				

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N6918 May 4, 2005 Right Engine				<p style="text-align: right;">Hobbs 2152.5 SMOH 869.9</p>
1.				<p>Changed oil and filter (CH48110-1). Visual inspection of used oil filter element revealed no unusual contamination. Safetied new oil filter. Serviced engine with 7 quarts Aeroshell W100 oil. Washed and dried engine. No leaks noted.</p> <p style="text-align: right;"><i>Greg Woodruff</i> Greg Woodruff A&P 553697406</p>
N6918 September 27, 2005				<p style="text-align: right;">Hobbs 2184.6 Right Engine</p>
1.				<p>Changed oil and filter (CH48110-1). Visual inspection of the used oil filter element revealed no unusual contamination. Safetied the new oil filter. Serviced engine with 7 quarts Aeroshell W100 oil. Washed and dried engine. No leaks noted.</p> <p style="text-align: right;"><i>Greg Woodruff</i> Greg Woodruff A&P 553697406</p>
N6918 December 20, 2005				<p style="text-align: right;">Hobbs 2210.6 Right Engine</p>
1.				<p>Serviced and rotated all spark plugs. Reinstalled all spark plugs with new gaskets.</p> <p style="text-align: right;"><i>Greg Woodruff</i> Greg Woodruff A&P 553697406</p>
N6918 February 23, 2006 Right Engine				<p style="text-align: right;">Hobbs 2220.4 SMOH 937.8 TTENG 4919.5</p>
1.				<p>Performed Annual Inspection in accordance with Piper Apache PA23-150/160 Series Service Manual and F.A.R. 43 Appendix D.</p> <p>2. Performed compression check: #1 76/80 #2 76/80 #3 78/80 #4 74/80.</p> <p>3. Changed oil and filter (CH48110-1). Visual inspection of the used oil filter element and suction screen revealed no unusual contamination. Safetied the new oil filter and suction screen plug. Serviced engine with 8 quarts Aeroshell W80 oil. Washed and dried engine. No leaks noted.</p> <p>4. Serviced and rotated all spark plugs.</p> <p>5. Replaced the induction air filter element (BA-10) with new.</p> <p>6. Performed 500 Hour inspection on the left and right magnetos. No unserviceability was noted on the right magneto. Replaced the left magneto with overhauled. Installed part number- BL-600614-1-E, Serial- E05JA439R. All work was performed in accordance with TCM/Bendix Master Service Manual X40000 (Applicable Sections). Next inspection due Hobbs 2720.4.</p> <p>7. Shimmed the lower engine Lord mounts using two new (one on each side) large area washers (AN970-7), New bolts (AN7-37A) and New nuts (MS20365-720C). Torqued each Lord mount in accordance with Piper PA23-150/160 Series Service Manual guidelines.</p> <p>8. A.D.'s checked through 2006-04.</p>
<p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"><i>Greg Woodruff</i> Gregory T. Woodruff A&P 553697406 I.A.</p>				

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10/6/06				DRAINED OIL AND REMOVED FILTER. INSTALLED NEW CH48110 FILTER. ADDED 7 QT AEROSHELL 80AD GROUND RUN - NO LEAKS NOTED. MICHAEL KOPP 2636419

N6918
 May 22, 2007
 Right Engine

Hobbs 2271.7
 SMOH 989.8
 TTENG 4970.8

1. Performed Annual Inspection in accordance with Piper PA23-150/160 Series Maintenance Manual and F.A.R. 43 Appendix D.
2. Performed compression check: #1 72/80 #2 74/80 #3 71/80 #4 73/80.
3. Engine oil was drained and then serviced with Aeroshell preservative oil.
4. Serviced and rotated all spark plugs.
5. Replaced induction air filter element (BA10) with new.
6. A.D.'s checked through 2007-10.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Gregory T. Woodruff
 Gregory T. Woodruff A&P 553697406 I.A.

N6918
 October 3, 2007

Hobbs 2279.9
 Right Engine

1. Changed the oil and filter (CH48110-1). Visual inspection of the used oil filter element revealed no unusual contamination. Safetied the new oil filter. Serviced the engine with 7 quarts Aeroshell W80 oil. Washed and dried the engine. No leaks were noted.

Gregory Woodruff
 Gregory Woodruff A&P 553697406

N6918 R. Engine
 Engine S/N: L-20780-36A
 Date: 06-01-08



Pacific Aircraft Service
 700 Tioga Dr. Hgr. #3
 Modesto, CA 95354
 (209) 524-1758

Tach/HM: 2292.8
 Total Time: 4991.9
 Work Order: 7388

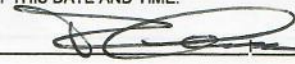

LOGBOOK ENTRY

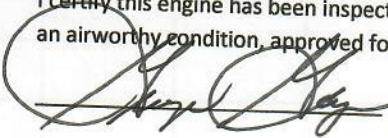
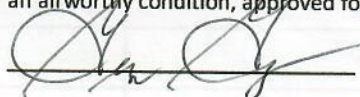
Annual inspection completed this date. Compression Test Results: 1) 77 2) 77 3) 78 4) 77. Change oil and filter. Cleaned and inspected oil suction screen. Serviced engine with 7 qts AeroShell 15W50 oil. AOA oil sample taken. All spark plugs cleaned and gapped and reinstalled with new gaskets. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D & Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: *Shane M Cooper*
 Shane M Cooper A&P 547831936 IA

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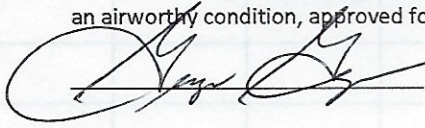
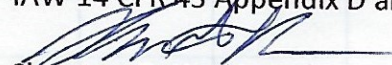
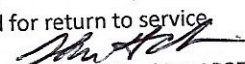
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1-5-09			2301.0	DRAINED OIL, ADDED 7 QTS OF EXXON ELITE 20W-50
				<p>7/07/2009</p> <p>ENGINE MODEL: O 360-A1D SN L-20780-36A</p> <p>ENG TT: 5004.9 TSMOH: 1023.8</p> <p>REG. NO: 6918 A/C TSN: 8399.8 TACH: 2305.8</p> <p>RIGHT Engine Entries</p> <p>PERFORM ANNUAL INSPECTION AND SERVICE OF ENGINE PER PIPER PA23-160, FAR 43 APP "D" CHECK LIST, AND LYCOMING SERVICE MANUALS. CHECK/ REVIEW/ AND COMPLY WITH ALL APPLICABLE AD'S. UPDATE LOGBOOKS. CHANGED ENGINE OIL AND FILTER, CUT AND INSPECT OLD FILTER, NO DISCREPANCIES NOTED AT THIS TIME. SERVICED THIS ENGINE WITH 6 QT EXXON ELITE OIL. SERVICED AND ROTATED SPARK PLUGS. COMPRESSIONS: #1- 77, #2- 74, #3- 70, #4- 74. REPLACED INDUCTION AIR FILTER WITH NEW BA 10. LUBED ENGINE CONTROLS. CHECKED ENGINE TIMING, ADJUSTED LEFT MAGNETO TO 25 DEG BTDC. RETORQUE AND SAFETY ENGINE DIP-STICK HOUSING. REPLACED ALL BOTTOM SPARK PLUGS WITH AUTOLITE REM40ESPAK PLUGS. CHECK RUN OPERATIONAL CHECKS GOOD AT THIS TIME.</p> <p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IAW WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN <u>AIRWORTHY</u> CONDITION AT THIS DATE AND TIME.</p> <p>DATE: 7/07/2009 LEONARD L. LUSHER  IA3022657</p>
2-17-2010			2321.0	HOBBS CHANGED OIL FILTER AND DRAINED OIL ADDED 7 QTS OF EXXON ELITE 20W50 SENT SAMPLES FOR OIL ANALYSIS
				<p>09.01.2010</p> <p>ENGINE MODEL: O 360-A1D SN L-20780-36A</p> <p>ENG TT: 5028.2 TSMOH: 1045.1</p> <p>REG. NO: 6918D A/C TSN: 8421.1 TACH/HOBBS: 2327.1</p> <p>Right Engine Entries</p> <p>PERFORM ANNUAL INSPECTION AND SERVICE OF ENGINE PER PIPER PA23-160, FAR 43 APP "D" CHECK LIST, AND LYCOMING SERVICE MANUALS. CHECK/ REVIEW/ AND COMPLY WITH ALL APPLICABLE AD'S. UPDATE LOGBOOKS. CHANGED ENGINE OIL AND FILTER, CUT AND INSPECT OLD FILTER, NO DISCREPANCIES NOTED AT THIS TIME. SERVICED THIS ENGINE WITH 7 QT EXXON ELITE 20W50 OIL. SERVICED AND ROTATED SPARK PLUGS. COMPRESSIONS: #1- 77, #2- 75, #3- 77, #4- 76. REPLACED INDUCTION AIR FILTER WITH NEW BA 10. LUBED ENGINE CONTROLS. CHECKED ENGINE TIMING. RETORQUE AND SAFETY ENGINE DIP- STICK HOUSING. SERVICED AND ROTATED SPARK PLUGS. CHECK RUN OPERATIONAL CHECKS GOOD AT THIS TIME.</p> <p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IAW WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION AT THIS DATE AND TIME.</p> <p>DATE: 09.01.2010 LEONARD L. LUSHER  IA: 3022657</p>

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<p style="text-align: center;"><u>N6918D</u> <u>A/C S/N 23-2038</u> <u>DATE: 15OCT2011</u></p> <p>R/Eng- S/N L-20780-36A Hobbs 2391.2 TT 5090.3 TSMOH 1108.6</p> <p>Completed annual inspection of this engine per FAR 43 Appendix D. Checked compressions; 1- 78/80, 2- 78/80, 3- 79/80, 4- 78/80. Changed oil and filter, XL 20W50, Champion CH48110-1. Cleaned strainer and checked filter, no foreign particles found. Cleaned and gapped and rotated spark plugs, timing checked and no leaks after run up. Complied with all AD's with repetitive due dates noted on AD list to owner.</p> <p>I certify this engine has been inspected IAW FAR 43 Appendix D annual inspection requirements and is in an airworthy condition, approved for return to service. AD's checked thru this date, 2011-18.</p> <p style="text-align: right;"> IA/AP 3074581</p>				
<p style="text-align: center;"><u>N6918D</u> <u>A/C S/N 23-2038</u> <u>DATE: 1MAR2013</u></p> <p>R/Eng - S/N L-20780-36A Hobbs 2425.9 TT 5125 TSMOH 1143.3</p> <p>Completed annual inspection of this engine per FAR 43 Appendix D. Checked compressions; 1- 79/80, 2- 79/80, 3- 72/80, 4- 79/80. Changed oil and filter, XL 20W50, Champion CH48110-1. Cleaned strainer and checked filter, no foreign particles found. Cleaned and gapped and rotated spark plugs, timing checked and no leaks after run up. Complied with all AD's with repetitive due dates noted on AD list to owner.</p> <p>I certify this engine has been inspected IAW FAR 43 Appendix D annual inspection requirements and is in an airworthy condition, approved for return to service. AD's checked thru this date, 2013-02.</p> <p style="text-align: right;"> IA/AP 3074581</p>				

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				<p><u>N6918D</u> <u>A/C S/N 23-2038</u> DATE: <u>26JUL2016</u></p> <p>R/Eng - S/N L-20780-36A Hobbs 2425.9 TT 5125 TSMOH 1143.3</p> <p>Completed annual inspection of this engine per FAR 43 Appendix D. Checked compressions; 1- 79/80, 2- 79/80, 3- 72/80, 4- 79/80. Changed oil and filter, XL 20W50, Champion CH48110-1. Checked filter, no foreign particles found. Installed Electro air EIS-41000TIC electronic ignition per STC# SA03287CH . Replaced exhaust augments. Cleaned and gapped and rotated spark plugs, timing checked and no leaks after run up. Complied with all AD's with repetitive due dates noted on AD list to owner.</p> <p>I certify this engine has been inspected IAW FAR 43 Appendix D annual inspection requirements and is in an airworthy condition, approved for return to service. AD's checked thru this date, 2016-10.</p> <p> IA/AP 3074581</p>
				<p><u>Right Engine 0-360-A1D S/N:L-20780-36A</u></p> <p>Date: 1 March 2018 TTE:5125.1 SMOH:1143.4 Hobbs:2426.0</p> <p>Performed ANNUAL inspection IAW Lycoming 0-360 service manuals and 14 CFR 43 Appendix D. Cleaned, gapped, and rotated spark plugs. Performed Cylinder Compression test. All cylinders read 75/80 or better. Drained engine oil and replaced oil filter CH48110-1 and serviced engine with Phillips XC 20w-50. Checked and complied with AD's through T-Data 2018-04, with repetitive due dates noted to owner. I certify this ENGINE has been inspected IAW 14 CFR 43 Appendix D and approved for return to service.</p> <p> Shannon G. Hankins AP3724446IA</p>
				<p>24 APRIL 2019 O-360-A1D S/N: L-20780-36A</p> <p>HOBBS: 2450.2 SMOH: 1167.6 TTSN: 5149.3</p> <p>Performed ANNUAL Inspection IAW Piper PA-23 Service Manual, Lycoming Service Manuals, and 14 CFR 43 Appendix D. Cleaned and Inspected engine. Drained engine oil and removed filter. Cut filter, no contaminants noted. Installed Tempest AA48100-2 oil filter and serviced engine with Phillips XC 20W-50. Removed, Cleaned, gapped, tested, and rotated spark plugs. Performed cylinder compression test, all cylinder at or above 74/80. Checked engine controls for security and operation. Ran up engine to Static RPM and found no leaks. Checked ADs through T-Data 2019-08. AD's with recurring due dates noted on AD list provided to owner. I certify this engine has been inspected IAW 14 CFR 43 inspection requirements and is approved for return to service.</p> <p> Shannon G Hankins AP3724446IA</p>
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