



*The Standard*

# ENGINE LOG

ASA-SE-1



# Engine Record General Information

Manufacturer TEXTRON LYCOMING Model 0-360-A3A

Serial L-20232-36A Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft N9064J PIPER PA-28-180  
SER NA 28-3099

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours

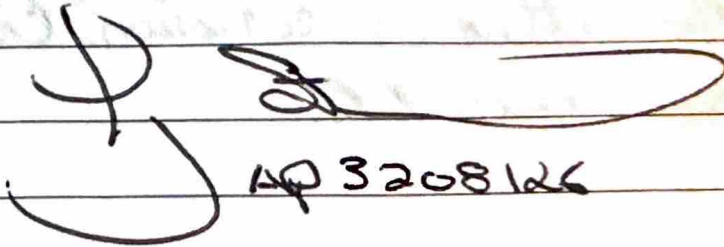
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YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-13-	10	Tach 3	211.92	TS MOH 1137.92 STOH 204.92
				<p>Performed 100 hr inspection 14W PA28-180 Piper Cherokee service manual. Compression Test #1 <math>\frac{76}{60}</math> #2 <math>\frac{78}{60}</math> #3 <math>\frac{76}{60}</math> #4 <math>\frac{76}{60}</math>. Changed oil &amp; replaced oil filter. 8qt Aero-shell 15W50. Old filter opened and checked OK. Cleaned, gapped, tested spark plugs. <u>CD AD 98-02-08</u></p> <p>No pitting or corrosion. Chd magneto to engine timing. Engine runs and checked OK.</p> <p>I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr/annual</u> YOUR INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION</p> <p><u>Deloyd R. R. R.</u> <u>A31429642582</u> A &amp; P NO.</p> <p><u>12-13-00</u> <u>324.92</u> DATE OF INSPECTION TACH TIME</p>



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-22-2011	TACH 3261.4	TSMOH	1187.4	STOH 254.4
				Changed oil & Filter, OPEN old Filter, NO Metal Noted. Engine Washed & Test Run, NO Leaks Noted. Replaced Cowl.
				 AP 3208126



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YEAR: _____ DATE	RECORDING TACH TIME <i>Tach</i>	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.)
01-19-12	3374.06		3065.06	<p>TS MOH 1336.06      TSTOM 40306</p> <p>Performed 100 hour inspection (AW) Cherokee PA28-180 service manual. C/W AD 95-26-13 by inspection. Changed oil, also shell 15W50. Replaced oil filter. Old filter open and checked OK. Compression test #1 <math>\frac{76}{80}</math> #2 <math>\frac{77}{80}</math> #3 <math>\frac{76}{80}</math> #4 <math>\frac{78}{80}</math>. Cleaned gapped and tested spark plugs. Checked magneto timing. LH 26° BTC RH 25° BTC. Replaced induction air filter. Replaced heater SCAT 12 ducting as required. Engine run, leak and ops. check OK — END —</p> <p>I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p><i>Deloyd Rankin</i> A&amp;P 1129642582 A &amp; P NO.</p> <p>01-19-12      3374.06 INSPECTION      TACH TIME</p>



YEAR: 2012 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.)
06-19	3435.29		3126.29	TSMOH 1397.29 TSTOH 464.29 Changed oil and filter. Serviced Aero-shell 15W50. Engine run and leak checked OK. Deloyd Rankin ASP429642582
09-13-12			3460.42	#4 Bottom plug fouled #3 bottom plug fouled Cleaned plugs. Replaced points and condenser RH mag. Tuned to 25°BTC Engine run and checked OK. Deloyd Rankin ASP429642582



YEAR:  
2012  
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.)

09-28

Tach 346756

OIL + FILTER - Acrosheil 15W50.

Replaced 8ea RBM 38E spark plugs.  
Engine run and checked OK

deloyd Rankin ATP 42964257



YEAR: 2013	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				
02/15		Tach 3518.0	TT 3209.00	TSMOH 1480.0
				Performed 100 hr / annual inspection 14W PA28-180
				Piper Cherokee service manual. Cleaned and gaped spark
				plugs. Tested OK. Checked mag timing. Changed oil and
				filter. Filter opened and checked OK. Serviced aerosol 154250.
				Comp. Test #1 76/180 #2 76/150 #3 78/180 #4 76/150. Replaced induction air
				filter. Engine run and checked OK.
				STATEMENT THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR SCHEDULED MAINTENANCE AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION
				<u>Deloyd Rankin</u>
				<u>A2P 429642582</u>
				A & P NO.
				02-15-13 3518.0
				DATE OF INSPECTION TACH TIME



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MARCH 6, 2014

TACH, 3667.8

S.M.O.H. 1593.8

RAN ENGINE TO TEMP, REMOVED COWL, WASHED ENGINE. CHECK ALL CYLINDER COMPRESSIONS, #1-78/80. #2-78/80, #3-77/80, #4-78/80. CLEANED, GAPPED, TESTED AND ROTATED ALL SPARK PLUGS. CHECKED AND SET MAGNETO TO ENGINE TIMING. CHECK EXHAUST, REPAIRED CARBURATOR HEAT SHROUD CRACK BY RIVETED PATCH. INSPECTED ENGINE MOUNT. REPLACED AIR INLET FILTER. CLEANED FUEL SCREENS. CHANGED OIL AND FILTER, OPEN OLD FILTER, NO METAL NOTED. CHECKED ALL LINES AND HOSES. CHECKED ENGINE CONTROL LINKAGES FOR SECURITY AND TRAVEL. ENGINE TEST RAN, ALL ASPECTS GOOD. REPLACED COWL. AD,S CHECKED AND COMPLIED WITH AS REQUIRED THRU 2014-04 BI-WEEKLY AND A REVISED LIST ADDED TO AIRCRAFT HISTORICAL RECORDS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

TERRY STEWART

A&P3208126





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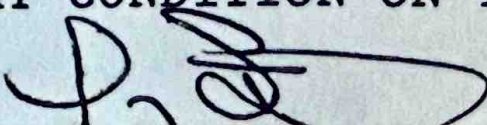
YEAR:

DATE

04-02-2015 TACH. 3748.0 S.M.O.H. 1674.0

REMOVED COWL, TEST RAN ENGINE TO OPERATING TEMPERATURE, PERFORMED D/P COMPRESSION TEST ON ALL CYLINDERS, #1-78/80 #2-80/80, #3-79/80, #4-78/80. CLEANED, GAPPED, TEST AND ROTATE ALL SPARK PLUGS. CHECK AND SET MAGNETO TO ENGINE TIMING. CHECK AIR INLET SYSTEM. CLEANED FUEL SCREENS. CHECK ALL LINES AND HOSES. OIL NOT CHANGED THIS DATE BUT FILTER REMOVED AND OPENED AND CHECKED FOR CONTAMINANTS, NONE FOUND. INSTALLED NEW FILTER. CHECK EXHAUST SYSTEM FOR CRACKS, NONE FOUND. INSPECT ALL CYLINDER BAFFLING. INSPECT ENGINE MOUNT AND ATTACH HARDWARE FOR CONDITION AND SECURITY. ENGINE TEST RAN AGAIN AND ALL ASPECTS WITHIN PARAMETERS OF T.C. E-286, NO LEAKS NOTED. REPLACED COWL. AD,S CHECKED THROUGH 2015-05 BI-WEEKLY AND A REVISED LIST ADDED TO SEPERATE AD LOG IN AIRCRAFT RECORDS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

TERRY STEWART  
A&P3208126



[illegible]



05-13-2016 TACH. 3800.0 S.M.O.H. 1726.0

YEAR:

DATE

Removed cowl, engine test ran to operating temperature, performed D/P compression test on all cylinders, #1-76/80, #2-72/80, #3-72/80, #4-74/80. Cleaned, gaped, test and rotate all spark plugs. Check and set magneto to engine timing. Cleaned fuel screens. Check air inlet filter and carburator heat valve. Repaired cracked carburator heat exhaust shroud by riveted patch over minor crack. Complied with AD# 98-02-08 "CORROSION PITS/CRANKSHAFT" dated 03/30/98 per S.B.505B, no pitting or cracks noted, due again 5 years or next crank removal. Changed oil and filter, old filter opened and checked clean. Inspect exhaust and engine mount, no defects noted. engine and compartment washed and test ran, all aspects normal this date.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

TERRY STEWART A&P3208126

A handwritten signature in black ink, appearing to be 'Terry Stewart', written over a horizontal line.



YEAR:

06-06-2017

TACH. 3847.68

S.M.O.H. 1773.68

DATE

Removed cowl, test ran engine to operating temperature, performed d/p compression test on all cylinders; #1-78/80, #2-80/80, #3-78/80, #4-78/80. Clean, gap, test and rotate all spark plugs. Check and set magneto to engine timing. Inspect air inlet system and carb heat valve and hoses. Check all control linkages for security and proper travel. Inspect complete exhaust system. Inspect complete engine mount system. Check all lines and hoses. Clean fuel screens. Change oil and filter, old filter opened and checked clean. clean suction inlet screen. Repair loose baffling. Engine test ran, no leaks, all aspects of performance check satisfactory this date. AD,s through 2017-11.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...



TERRY STEWART  
A&P3208126



07-01-2018 TACH. 3910.7 S.M.O.H. 1836.7

Removed cowl, washed engine and compartment, Test ran engine to operating temperature, perform D/P compression test on all cylinders: #1-65/80, #2-75/80, #3-70/80, #4-75/80. Clean, gap, test and rotate all spark plugs. Check and set magneto to engine timing. Inspect all exhaust assembly. Inspect engine mount. Inspect air inlet and carburator heat system. Inspect engine control linkages for condition, security and proper range of travel. Clean fuel screens. Change oil and filter, old filter opened and checked for metal, none found, suction inlet screen checked clean. Inspect all fluid transfer lines and hoses. Engine given final test run, all aspects check normal per piper, textron and type certificate. AD, s checked through 2018-12, revised list added to logs.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED  
IN ACCORDANCE WITH A 100 HOUR INSPECTION AND  
WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON  
THIS DATE.

  
Terry Stewart  
A&P3208126







[illegible]



YEA

DAT



171 A. Q. Greer Dr. / P.O. Box 399  
Holly Springs-Marshall County Airport - M41  
Holly Springs, MS 38635

air

Page 1

Engine Overhauled by JOHN JEWELL AIRCRAFT, INC., Holly Springs, Mississippi W/O# J7339 engine model O-360-A3A engine s/n L-20232-36A, engine disassembled, all steel parts magnafluxed checked standards as per LYCOMING Overhaul Manual. Crankcase Certified. New Crankshaft. Engine reassembled using the following parts: 1 #SL18840 camshaft; 8 #15B26262 lifters; 1 #SL-STD2213 crank screw; 4 #18D26098 main bearing; 2 #18A26093 main bearing; 8 #SL75061 rod bolt; 1 #1028B ball; 1 #SL61084 spring; 1 #MS16625-1081 snap ring; 1 #LW15472 O/H Fuel Pump S/N 0FCW03; 8 #LW12186 rod nut; 8 #SL13521A rod bearing; 4 #SL13444-1 piston pin; 8 #SL74637 rocker bushing; 8 #SL12892 thrust button; 4 #STD1821 drain hose; 4 #69603 intake hose; 1 #SL13S19646 crank gear; 1 #SL75439-1 gasket set; 4 #SL36006W-A20P Superior Cylinder Kits S/N 366W000000362, 366W000000364, 366W000000366 & 366W000000368; 8 #SR87 spark plug; 1 #M4001 harness set; 1 #CH48110 oil filter; 1 #68760 drain hose; 1 #SL15F19957-34 push rod; 1 #AN816-8D fitting; 1 #MS20823-8D fitting; 1 #STD551 sump plug; 1 #53E22144 thermo relief valve; 1 #149NL Starter S/N H-U091579; 1 #AEL36002-3 New Crankshaft S/N N20AFA4909698017; 4 #LW11750 Rods Rebushed by A/C Specialties W/O# 262681. 1 #4373 New Mag

Continued on page 2



YEA

DATE



171 A. Q. Greer Dr. / P.O. Box 399  
Holly Springs-Marshall County Airport - M41  
Holly Springs, MS 38635

Page 2

S/N 20090288. 1 #4370 Magneto S/N 96080294 O/H by A/C Accessories W/O# 41078. 1 #10-3878 (MA4-5) Carburetor S/N G-12-553 O/H by Mike's A/C Fuel Metering W/O# 31099. 1 Crankcase Repaired by Divco W/O# 127707. MSB524 "Oil Pump" P/C/W Late Style Pump. C/W AD2004-10-14C "Crank Gear" by relacing screw and gear per SB475C. SB505B "Crankshaft" Replaced Crankshaft with New. Engine Run On Test Cell.

**MAINTENANCE RELEASE**

MAKE LYCOMING SERIAL NO. L-20232-36A MODEL O-360-A3A TSMOH 0000.00  
THE ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. J7339 DATE: 11-11-2020  
SIGN: John E. Jewell FOR REPAIR STATION NO. JUJR300L.

**WARRANTY VOID IF AUTO FUEL IS USED!!!**







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.)
3-5-2021			Tach. 4027.5	
				Change oil and Filter, 6qt Aero shell 15W 50 9nd 1Pt
				Can guard. opens old Filter, No metal Found.
				Check Compressors #1-78/80, #2-80/80, #3-79/80,
				#4-80/80. Check and Set Magneto To Engine Timing To
				25° BTC. Check Torques on intake Tube Bolts & Clamps.
				Carburetor Attach Nuts, Exhaust Nuts and Rocker
				Cover Screws. Checked all Lines & Hose - Engine Test
				Run, No leaks, Repaired Cowb.

J. F. D  
JAP3208126



## RECONTACT TIME

DATE \_\_\_\_\_

### Technician or Repair

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

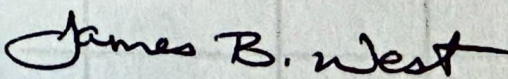
Terry Stewart  
A&P3208126

930







YEAR:	RECORDING PAGE	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	air
				JB West Aviation, LLC 202 Burns Rd. Dumas, AR 71639 (870)382-2216 or (870)299-3861	
				Date: 04/23/2024      Reg# N9064J      ESN: L-20232-36A      Tach: 4128.79      SMOH: 126.49	
				Inspected engine in accordance with Piper PA28 service manual and 14CFR43(d). Lubed controls and checked travels.	
				<u>AD's Complied with:</u>	
				Checked ADs for applicability.	
				<u>Other maintenance:</u>	
				1) Performed compression test: (1) 78/80 (2) 75/80 (3) 76/80 (4) 78/80.	
				2) Drained oil, removed and opened oil filter. No contaminants noted.	
				3) Installed new filter PN: AA48110-2 and serviced engine with 7 qts. Aeroshell 15W50 and 16oz. Camguard.	
				4) Checked mag to engine timing.	
				5) Cleaned, gapped, and tested spark plugs.	
				6) Tested ignition leads.	
				Performed engine run-up. Ops check satisfactory, no defects noted.	
				I certify that this <b>ENGINE</b> has been inspected in accordance with an <b>ANNUAL</b> inspection and was determined to be in <b>AIRWORTHY</b> condition.	
				James B. West	
					
				AP3087142IA	



YEAR:

DATE

JB West Aviation, LLC

202 Burns Rd.

Dumas, AR 71639

(870)382-2216 or (870)299-3861

Date: 07/01/2025

Reg# N9064J

ESN: L-20232-36A

Tach: 4144.03

SMOH: 141.73

Inspected engine in accordance with Piper PA28 service manual and 14CFR43(d). Lubed controls and checked travels.

AD's Complied with:

Checked ADs for applicability.

Other maintenance:

- 1) Performed compression test: (1) 72/80 (2) 74/80 (3) 72/80 (4) 72/80.
- 2) Drained oil, removed and opened oil filter. No contaminants noted.
- 3) Installed new filter PN: AA48110-2 and serviced engine with 7 qts. Aeroshell 15W50.
- 4) Checked mag to engine timing.
- 5) Cleaned, gapped, and tested spark plugs.
- 6) Tested ignition leads.

Performed engine run-up. Ops check satisfactory, no defects noted.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition.

James B. West

*James B. West*

AP3087142IA

NOTE: VISITED w/  
BRANNON 7/13; CAN  
GUARD ADDED w/OIL  
CHANGE. JWC



