



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer TEXTRON LYCOMING Model 0-360-A3A

Serial 1-20232-36A Type Certificate

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

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

From 31 JUL 10 TO

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Person Facility. (See back pages for other specific entries.)
01-19-12	Tach			
01-19-12	3374.06	3065.06	T5 MOH 1336.06	T5 T0H 40306
				Performed 100 hour inspection (A/W) Cherokee PA28-140 service manual. CAA AD 95-26-13 by inspection. Change oil, Aero shell 15W50. Replaced oil filter. Old filter open and checked OK. Compression test #1 $\frac{76}{100}$ #2 $\frac{77}{100}$ #3 $\frac{77}{100}$ #4 $\frac{78}{100}$. Cleaned gapped and tested spark plugs. Checked magneto timing. LH 26° BTC RH 25° BTC. Replaced intake air filter. Replaced heater SCAT 12 ducting as required. Engine run, leak and ops. check OK — END —
				I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HRS</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRCRAFT <u>GOOD</u> CONDITION A & P NO. <u>94P1129642582</u> 81-19-12 <u>3374.06</u> INSPECTION — TACH TIME

YEAR: 2012	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				
06-19	343529	3126.29	TSMOH 1397.29	TS10H 464.29 Changed oil and filter. Serviced Aero-shell 15a50. Engine run and leak checked OK. Lloyd Rankin A5P429642582
09-13-12	3460.42			1/4 Bottom plug fouled #3 bottom plug fouled Cleared plugs. Replaced points and condenser R/H mag. Timed to 25°8TC Engine run and checked OK. Lloyd Rankin A5P429642582

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	<p>Performed 100 hr / annual inspection per PA28-180 Piper Cherokee service manual. Cleaned and gapped spark plugs. Tested OK. Checked mag timing. Changed oil and filter. Filter opened and checked OK. Serviced aeroshell 154250. Comp. test $\frac{7}{180}$ $\frac{76}{250}$ $\frac{78}{300}$ $\frac{80}{450}$ $\frac{82}{450}$ R. Replaced induction air filter. Engine runs and checked OK.</p> <p>HEREBY CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOURS 100 HOURS IN PELTON AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION</p> <p><u>Delloyd Rancher</u></p> <p><u>A2P 429642582</u> A2P NO.</p> <p>02-15-13 3518.0 DATE OF INSPECTION TACH TIME</p>

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.)

NOVEMBER 4, 2013 TACH. 92.9

CHANGED OIL AND FILTER, OPEN OLD FILTER, NO METAL OR CONTAMINANTS NOTED. ENGINE TEST, ALL ASPECTS NORMAL, NO LEAKS, REPLACED COWL...

TERRY STEWART
A&P3208126



MARCH 6, 2014

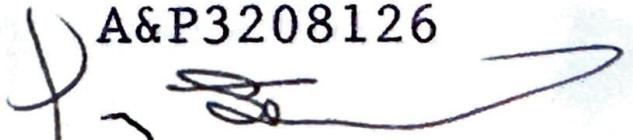
TACH, 3667.8

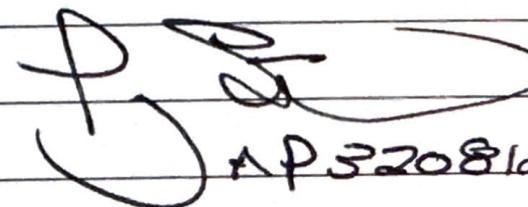
S.M.O.H. 1593.8

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, GAPED, 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



YEAR:	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				
10-31-2014		Tach. 3722.76		<p>Clear, Gap, TEST & Rotate Spark Plugs, Repair wire Ends on #4-#2 Eng - Test Run, All Aspects Good.</p> <p> AP 3208126</p>

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.)

12-01-2014 TACH. 3737.0

TEST RAN ENGINE TO OPERATING TEMPS. REMOVED UPPER COWL, CHANGED OIL AND FILTER. OLD FILTER OPENED AND CHECK CLEAN. ADDED 7 QUARTS AEROSHELL OIL SERVICED NOSE STRUT WITH NITROGEN PER PIPER MANUAL. CHECK STRUT FOR LEAKS, NONE FOUND. ENGINE TEST RAN, NO LEAKS NOTED, PRESSURE GOOD. REPLACED COWL.

TERRY STEWART
A&P3208126

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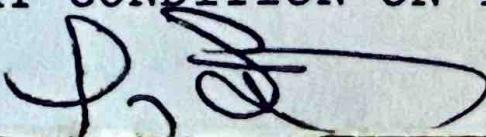
YEAR:

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

DATE

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, GAPED, 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

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 carburetor heat valve. Repaired cracked carburetor 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



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 carburetor 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



08-01-2019 TACH. 3944.48 S.M.O.H. 1870.48

Remove cowling, wash engine and compartment. Test ran engine to operating temperature, perform differential compression test on all cylinder: #1. - 70/80, #2-74/80, #3-74/80, #4-74/80. Check and set magneto to engine timing. Changed oil, AEROSHELL 15W50 and filter, old filter opened and checked for contaminants, none found. Suction inlet screen clean. Inspect engine cylinders and engine case. Check all cooling baffles. Inspect exhaust pipes and muffler, check carburetor heat system. Replaced air inlet filter element. Inspect air intake pipes and hoses. Check engine control linkages for security of attachment and proper range of travel. Inspect engine mount and shock pads. Clean, gap, test and rotate all spark plugs. Inspect all fluid transfer lines and hoses. Engine test ran again to operating temperature, all aspects of engine operation check normal, performance is within type certificate specifications for static RPM,s, temperatures and pressures. Inspect and install cowling.

I CERTIFY THAT THIS ENGINE HAS BEEN
HAD A 100 HOUR INSPECTION AND WAS
IN GOOD CONDITION ON THIS DATE...

Terry Stewart
A&P3208126

P. J. O'Brien

ician or Repair



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

pair

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

DAT



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
replacing 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! ! !

12-01-2020 TACH. 4002.30 SMOH 0000.0

Installed this overhauled Lycoming engine model O-360-A3A Serial number L-20232-36A from John Jewell Aircraft Engines CRS JUJR300L, W.O. J7339 in accordance with Piper manual and John Jewell instructions. Engine mount tubing and welds inspected, installed engine with all new Lord J7402-24 shock pads, new fuel lines, existing oil lines were flushed and cleaned and are TSOC53a Type D and were found to be good condition. Installed new oil cooler part number 8000075 serial number 104210766. Made minor repairs to cooling baffles and seals. Inspect exhaust system muffler, tail pipe and risers. Engine pre-oiled per instructions and serviced with Aeroshell 100 mineral oil. Engine test ran for 15 minutes, all temps and pressures check normal, Adjusted idle RPM,s and idle mixture. no oil or fuel leaks noted. Engine ready for test flight.

Terry Stewart
A&P3208126

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Technician or Repair

YEAR:	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				
3-5-2021	Tach. 4027.5			<p>Change oil and Filter, 6 qt Aero shell 15W 50 and 1 Pt Carburetor. Opened Oil Filter, No metal found.</p> <p>Check Compressors #1-78/80, #2-80/80, #3-79/80, #4-80/80. Check and Set Magneto To Engine Timing To 25° BTIC. 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, Replaced Cowls.</p> <p style="text-align: right;">JF JAP.3208126</p>

YEAR: **RECO
TACH
TIME**

01-14-2022 TACH. 4058.76 SMOH 56.46 N9064J

Removed cowl, visually inspect each cylinder for sign of barrel to head seepage, none noted. Inspect engine crankcase for cracks, none found. Drained oil, removed and opened filter, no metal found. Remove suction inlet screen, no metal found. Added 7 QTS Aeroshell 15W50 and 1 PT Cam-Guard. Perform D/P compression test on cylinders,(Hot), #1-76/80, #2-78/80, #3-78/80, #4-78/80. Check and set magneto to engine timing. Clean, gap, test and rotate all spark plugs. Drain carburetor bowl, clean fuel inlet screen. Inspect all fluid transfer lines and hoses. Check crankcase vent tube. Inspect air induction system and carburetor heat components for condition and proper operation. Check engine control linkages for security of attachment and proper range of travel. Inspect engine mount tubing, welds and shock pads. Inspect exhaust system collector pipes and muffler. Check all engine driven accessories for condition, security of attachment and proper operation. engine test ran to operating temperature, all aspects of engine operation check normal this date. replace cowl.

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&P3208126

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fjg

3 Technician or Repair

03-02-2023 TACH 4102.92 SMOH 100.62 LYC 0-360-A3A S/N L-20232-36A

Remove and Inspect upper and lower cowling. engine cylinders given visual examination for signs of seepage cracks or any type deformities, none found. Removed oil filter, opened and checked for metal contamination, none found. Drained oil, remove and check suction inlet screen, no metal. Replenish engine with 7 quarts Aeroshell 15W50 and 1 pint CAM-GUARD. Check all fluid transfer lines and hoses for condition and security of attachment. Inspect oil cooler and cold air supply tubing and clamps. Inspect air induction system components carburator heat system operation. Check engine control cables for security of attachment to carburator and proper range of travel. Drain carburator bowl and clean inlet screen. Inspect engine mount tubing and welded joints, shock pads and bolts. Inspect exhaust collector, risors and muffler. Check all cooling baffles and seals. Check and set magneto to engine timing, clean, gap, test and rotate all spark plugs. compression, (Hot) #1-76/80, #2-79/80, #3-76/80, #4-77/80. Engine test ran, no leaks, all aspects of engine operation check normal this date

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

Terry Stewart A&P3208125

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in or Repair

YEAR: REG#	RECORDING TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations			
				JB West Aviation, LLC 202 Burns Rd. Dumas, AR 71639 (870)382-2216 or (870)299-3861			
				Reg# N9064J	ESN: L-20232-36A	Tach: 4128.79	SMOH: 126.49
	Date: 04/23/2024			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 ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition.					
		James B. West					
		<i>James B. West</i>					
		AP3087142IA					

YEAR:

JB West Aviation, LLC

202 Burns Rd.

Dumas, AR 71639

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

DATE

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/
BRONNON 7/18; CAM
GUARD ADDED w/o
CHARGE. JWC

