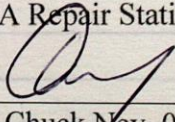
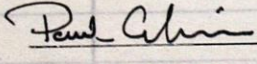


Engine Record General Information

Manufacturer Lycoming Model O-360-A3A
Serial L-7500-36A Type Certificate E-286
This engine is currently installed in aircraft: N7913W

YEAR DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2006 08-01				This engine O-360-A3A S/N L-7500-36A was overhauled in Accordance with all manufacture's recommendations, all Service Bulletins and applicable AD's were complied with. A detailed List of parts, services and vendors is pointed out on enclosed Document entitled CNE001 thru CNE010. This engine was test Run and is ready to return to service. There is NO oil in this engine At this time, Please add oil before start up. Chuck Ney Enterprises Inc. FAA Repair Station CQ2R751K  Chuck Ney 08/01/2006

YEAR DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
08/26/2006	Tach: 3768.08	TT: 3763.90	TSMO: 0	N7913W Lycoming O-360-A3A sn L-7500-36A
				Installed "Chuck Ney Enterprises" overhauled engine to Piper PA28-180 sn 28-1946 using new Lord Engine Mounts (J-7402-24), new Bolts (401-535), new Nuts (404-891), new Washers (AN960-716), new Exhaust Gaskets (77611), new Oil Pressure Spring (SL68668) and new Niagra Thermal Products Oil Cooler (20002A, sn C06-5005-14). Test ran engine, adjusted oil pressure and idle to specs, ground operational check good - no leaks at this time.  A&P 2746570 IA
9-20-06	3782			oil change/filter/ 6 qts oil PP # 419747858 Willard Davis
11-11-06	3818			oil change/new filter/ 6 qts oil PP # 419747858 Willard Davis

DATE	TACH	TT	TSMO	N7913W
03/01/2007	Tach: 3849.52	TT: 3845.34	TSMO: 81.44	N7913W
Lycoming O-360-A3A sn L-7500-36A				
R/R Oil and Filter with 8qts of Aeroshell 100W and Champion Filter CH48110-1. Compression: #1 78/80, #2 78/80, #3 79/80, #4 78/80. C/W AD 2006-12-07: ECI Cylinders not installed. C/W AD 2006-06-16: N/A by engine serial number. Ran up engine, operational check good - no leaks. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.				
<u>Paul Allen</u> A&P 2746570 IA				
3-6-08	3943.80	-	3939.62	TSMO 175.72 Comp. CK. #1 78/80 #2 78/80 #3 76/80 #4 76/80 Change Oil And Filter. Service Engine with 8qts W100 Plus Aeroshell And Install New CH 48110-1 filter. Cut open Old filter found No Foreign Material. Cont. to Next Page →

DATE	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
3-6-08	3943.80	-	3939.62 TSMO 175.72 Cont. from Previous Page CLEAN, GAP, & test Spark Plugs. Check Muffler & Exhaust System. Replace ALT Belt with New p/n 73965-015, And Adjust. Wash Engine and Cowling. test run check for leaks. None noted at this time. - Date <u>3-6-08</u> total time <u>3939.62</u> I certify this <u>Eng & Propeller</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A&P No. <u>446423169</u>

YEAR 2009 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.)
3-12-09	4025.85	-	4021.67	TSMOH 257.77 Comp CK #1 78/80 #2 78/80 #3 78/80 #4 78/80 Change Oil & filter. Service Engine with 8qts W100 Aeroshell Plus, AND Install New CH48110-1 filter. Cut open old filter, found no foreign material. Clean, Gap, & test Spark Plugs. Check Heater Muff & Exhaust System. Replace #2 & #4 Rocker Box Gaskets. Wash Engine & Cowling. test Run Check for Leaks. None Noted at this time. Date 3-12-09 total time 4021.67 I certify this Engine/Propeller has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. Signature: <i>David H. Hays</i> A&P No. 446423169

YEAR 2011 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.)
5-18-11	4035.84	-	4031.76	TSMOH 267.86 Comp. CK #1 75/80 #2 75/80 #3 75/80 #4 75/80. Change Oil & filter. Service Engine with 8qts W100 Aeroshell AND Installed New CH48110-1 filter. Cut open old filter, found no foreign material. Clean, Gap, test, & Inspect Spark Plugs. Check Heater Muff & Exhaust System. Wash Engine & Cowling. test Run Check for Leaks. None Noted at this time. Date 5-18-11 total time 4031.76 I certify this Engine/Propeller has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. Signature: <i>David H. Hays</i> A&P No. 446423169

YEAR 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-28-12	4072.64	-	4072.82	TSMOH 308.92 Comp. CK #1 75/80 #2 75/80 #3 75/80 #4 75/80. CHANGE OIL & Filter. Service Engine with 8qts W100 PLUS Aeroshell and Install new CH48110-1 Filter. Cut open old filter found no foreign material. Clean, Gap, Test & Inspect Spark Plugs. Check Heater Muff & Exhaust Systems. Wash Engine & Cooling test Run Check for Leaks. None at this time. AD 98-02-08 Control Pits ID of Crankshaft PCW AD + SB 503 B dated Dec. 1, 1997 Inspect & Coat with Urethane Bond "104" Next due May 2016 Every 5 Yrs. AD 06-10-21 Engine Components Inc. Cont to Next Page →

- Cont. from Previous Page -

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.)
11-28-12	4072.64	-	4072.82	TSMOH 308.92 Connecting Rods N/A at this time Per (9) 411 Next due Engine O/H, No More than 244 hrs. AD 12-03-07 Carburetor Mixture Control Sleeve N/A by Carburetor Model Next due N/A. AD 12-18-01 Crankshaft Retirement N/A Per AD + MSB 569A by Engine Model, Next due N/A. AD 98-01-06 Precision Air Motive Carburetor N/A at this time, Next due Runs Rough / Power Loss. Date <u>11-28-12</u> total time <u>4072.82</u> I certify this <u>Engine/Propeller</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A&P No. <u>446423169</u>

YEAR 2014 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.)
3-20-14	4090.90	-	4086.82	TSMOH 322.22 Comp. CK #1 7/80 #2 7/80 #3 7/80 #4 7/80 Change Oil & filter. Service Engine with 8pts W100 Aeroshell and install New CH47110-1 filter. Cut open old filter found no foreign material. Clean, Gap, test & inspect Spark Plugs. Check Exhaust & Heater Muff Systems. Install New Crankshaft Seal. Cyl #2 Replace Rocker Box Cover Gasket. Wash Engine & Cowling test Run Check for Leaks None noted at this time - Date <u>3-20-14</u> total time <u>4086.82</u> I certify this <u>Engine/Propeller</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A&P No. <u>446423169</u>

YEAR 2015 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.)
5-12-15	4206.52	-	4202.54	TSMOH 438.44 Comp. CK #1 7/80 #2 7/80 #3 6/80 #4 7/80 Change Oil & filter. Service Engine with 7pts W100 Aeroshell Plus & install New CH47110-1 filter. Cut open old filter found no foreign material. Clean, Gap, test & inspect Spark Plugs. Check Exhaust & Heater Muff Systems. Wash Engine & Cowling test Run Check for Leaks. None noted at this time. AA's checked to this Engine & Propeller using f. data, Rev 2/15-9 Remove Spinner Date <u>5-12-15</u> total time <u>4202.54</u> Inspect Bulk- I certify this <u>Engine/Propeller</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A&P No. <u>446423169</u>

DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
7-9-2016	3957.1			Removed & Replaced vacuum pump with overhauled part s/n 525167 s/n 215CC. Work done IAW. Piper Service manual & Approved for return to service. Brandon Renshaw A+P 3373617
8-23-16	4269.11	-	4265.13	TSMOH 510.03 Comp. Ck #1 76/80 #2 76/80 #3 76/80 #4 76/80 Change Oil & filter Service Engine with 8qt W100 Aeroshell Plus & Installed New CH49108-1 filter Cut open Old filter found No foreign material. Clean Gap test & Inspect Spark Plugs. Replace Engine Air Induction filter Element. Inspect Exhaust & Heater Muff systems. Set Engine / Mag timing. Replace 12" of #4 Suct tube for Air Induction System. Cont to Next Page →

- Cont. From Previous Page -

YEAR 2016 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.)
8-23-16	4269.11	-	4265.13	TSMOH 510.03 Wash Engine and Cowling test Run Check for Leaks. None Noted at this time. Removed spinner Inspect Spinner Bulkhead Prop Blades. AD's Checked to this Engine & Propeller Using T. Date Rev 2016-15 -
Date <u>8-23-16</u> total time <u>4265.13</u>				
I certify this Engine / Propeller has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.				
Signature <u>Brandon Renshaw</u> A&P No. <u>446423169</u>				
5-18-17	4804.77			Installed New 149/EC STARTER HMS. Part # A+P 1721197
9-7-18				Removed engine for repair. A+P 3373617 Brandon Renshaw <u>Brandon Renshaw</u>



9-14-18

Disassembled engine and replaced the camshaft and lifter bodies with new parts. Reassembled engine with new seals and gaskets. No other work done at this time.

O.V. Shoun

A & P 3577832

DATE	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
11-10-18	4314.46	4314.46	Installed engine S/N# L-7500-36A into Piper PA28-180 S/N# 28-1946. Installed New engine mounts P/N# J-7402-24 + new exhaust gaskets P/N# 77611. Work done IAW Piper Cherokee service manual section 3A 2A-15. <i>Brandon Renshaw</i> Brandon Renshaw A&P 3373617
12-1-18	4314.46 -	4314.48	TSMOH 555.32 Comp. CK #1 $7\frac{5}{80}$ #2 $7\frac{5}{80}$ #3 $7\frac{5}{80}$ #4 $7\frac{0}{80}$ <i>Lean Gap</i> test + Inspect Spark Plugs. Replace Engine Air Induction Filter Element. Inspect Exhaust & Heater Muff Systems. Wash Engine & Cowling Test Run Inspect for Leaks. None Noted at this time - Cont. to Next Page →

- Cont. from Previous Page -

YEAR 2018 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.)
12-1-18	4314.46	-	4314.46	TSMOH 555.32 - Remove Spinner Inspect Prop Buckheads Safety Wire & Spinner. AD's checked to this Engine & Propeller Using T-Data Rev 2018-05. Date 12-1-18 total time 4314.46 I certify this Engine/Propeller has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. Signature <u>[Signature]</u> A&P No. 446423129

YEAR 2019 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.)
01/06/2019	4314.91		4314.91	Installed new lockwashers on right and left magneto base nuts. Timed right and left mags to 25° BTC. Ground run engine. Operations and leak checks performed satisfactory. I certify that this engine is approved for return to service in regards to the maintenance performed above. Daniel Shroy A&P 3333245
8-18-20	4350.09	✓	4350.09	TSMOH 591-01 Comp. CK. #1 75/80 #2 75/80 #3 75/80 #4 75/80 Change Oil & filter Service Engine with 8qts W100 Aeroshell & Install New CH48110-1 filter. Put open old filter found No foreign material. Clean Gap test & inspect Spark Plugs. Replace Engine Air Induction filter element. Cont. to Next Page →

YEAR 2020 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.)
8-18-20	4350.09	-	4350.09	SMON 591.01 Remove & Install & time Mags to Engine After 500 hrs. Inspection CW by D & B Aircraft Engines, Inc. See FAA form 8130-3 dated Aug 11, 2020 for more detail. Inspect Exhaust & Heater Muff Systems. Wash Engine & Cooling test Run inspect for leaks. None noted this time. Removed Spinner, Inspect Prop Bulkheads Safety Wires & Spinner AD's Checked to this Engine & Propeller Using t. data Rev 2020-15 8-18-20 4350.09 Engine/Propeller has been inspected in accordance with a 100 hr. inspection and found to be in airworthy condition. Ryan Huskey A&P No. 44623161

July 3, 2026 TT & Tach: 4363.77 N7913W

Complied with a 100 hour inspection of this engine and propeller per CFR 14 Part 43 Appendix D. Compression check as follows #1)-70 #2)-73 #3)-69 #4)-68. Removed oil filter and pick-up screen and checked for foreign materials, none noted at this time. Serviced engine with AA48110-2 and Aeroshell 100W. Removed oil filler tube and installed new gasket. Removed fuel pump and shroud welded shroud and reinstalled with a new gasket. Removed exhaust on #1 & #2 and welded broken carburetor heat shroud support bracket and reinstalled. Removed #2 valve cover cleaned and reinstalled with new gasket. Adjusted mag timing on both magnetos. Cleaned gapped spark plugs and tested, reinstalled with new gaskets. Removed carburetor and sent to Velocity Shoppe for repair, blue float installed and mixture valve. Invoice number 880320. Reinstalled with new gaskets test ran and adjusted idle mixture as needed. Checked ADs through 2026-13 no new noted at this time. I certify that this engine and propeller have been inspected in accordance with a 100/annual inspection and found to be in airworthy condition at this time.

A&P IA 3264787

Ryan Huskey

Ryan Huskey