



The Standard

ENGINE LOG

Engine Record General Information

A

Manufacturer Piper / Lycoming Model PA-28-140 / 0320-E2A
Serial 28-7425237/L-23244-27A Type Certificate 2A13 / E-274

This engine is currently installed in aircraft: N41419

Minimum Octane Fuel 80/87 Oil Grade Summer 20W50 Winter 20-50

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2 000 hours

4627.23 ^{overhaul}

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.)
19 93				
12-21	Jack Time	3805.74		Dressed and Painted Prop, Repaired leaking nose case oil seal & installed new as per Lycoming manual, cut oil filter open & checked, serviced engine w/ 20W50 XC Phillips oil as per cust. request, Replaced Inlet air filter w/ Bracket BA-104 assy, Adjusted & set mag timing, replaced #2 Intake gasket, #2-3-4 Exhaust gaskets & one exhaust stud on #2 & 3 Cyls. Reset tension on Alt. belt, Engine fuel pump @ 2RST Eject back-up pump @ 5PST impressions 76+ above. Chkd venturi on Carb. linked controls and control travels all o/k

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

MAKE Lycoming SER NO L-23244-27A
MODEL O-320E2A REG. MARK N41419

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED Day Blake
A&P 306363N671A

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.)
19 94				
April 18	3435.9			Changed oil & filter - Researched 8 qts Phillips 20W50
July 29	3877.13			Changed oil & filter - L-5000 8 qts oil - cut filter. i. filter Q. Welch 1929653
Sept 21	3917.0			Changed oil & filter - Serviced 8 qts Oil - cut filter. F. Herk, Bob Welch 1929653
Nov 10	3947.9			Changed oil & filter - Service & 8 qts Phillips XL 20W50 - Cut & replaced filter Q. Welch 1929653
Feb 1, 95				Removed & Researched nosecone seal truly come up to manual. Adjusted & set mag timing, re moved, cleaned, regapped spark plug, replaced carb. Hot box cable attachment point. Removed & replaced #2- 3-4 exhaust gaskets & studs, replaced #2-4 intake cont. next page

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19	45			cont. from last page All controls checked for proper & A/C, etc and lubed. Muffler of heat muf/OK'd. Oil. Com pression checked #1 80/78 #2 80/78 + 3 80/78 #4 80/77 , Dressed & Repainted prop.
1 FEB 95	5780.4	3571.9	TTSMOT 2014.8	R. Welch A/P 1929453
				I certify that this <u>engine</u> has been inspected IAW. current <u>annual inspection requirements</u> and determined to be airworthy at this date, FEB 95 and TT5708.4 time IAW FAR 43. Screened for AD's and checked thru 93-11-11. See aircraft log for corrected times.

DAN T. SEDBERRY
N1305521298IA

Dan T. Sedbury

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.)
19 95				
3 May 95	4007.66	10065	1170.4	Oil filter changed - Resealed 7 Qts philips x/c SAE 20W-50 - Oil filter cut & INSP. A. Welch APP 1929653
26 May 95	4034.48	10065	1205.4	Oil changed & Resealed 6 Qts philips xc sra woso A. Welch APP 1929653
12 June 95	4067.8	10065	1240.5	Oil & filter changed - Resealed 6 Qts philips x/c SAE 20W-50 - Oil filter cut & INSP A. Welch APP 1929653
3 Aug 95	4096.69	10065	1273.5	Oil changed - Resealed 6 Qts philips x/c 20W-50 A. Welch APP 1929653 Next Due 4096.69

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19 95				
9-23	4124.09 Hobbs 1305.5			Oil & Filter changed & Reserviced 7 QTS Phillips XC 20w 50
9-25	41520 Hobbs 1336.2			Oil & Filter changed & Reserviced 6 QTS Phillips XC 20w 50 - 10 Metal to F. Filter
11/20/85	Hobbs 1377.5 Tach 4188.04			Oil & Filter changed, Reserviced with new Oil Phillips XC 20w 50 2 Wicks AF P 1929653
June 3, 94	Tach. 4211.7 Hobbs. 1108.2			100 hr. inspection C/W pipe S/m, changed Oil & Filter. Reserviced with Phillips XC 20w 50 Filter cut & insp. No metal discovered. Prop. Dressed & painted. Alt. Belt adjusted. Corp. Filter insp. Mag timing checked. Cleaned & Regapped

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 96				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Spark plugs. Run & heat checked eng. Readjusted O/I press to Lycoming manu specs. Fuel pump @ 6 psi, Elec. fuel pump at 2-3 psi. Muffler & Heat Muff checked. O/I cooler lines checked for AD requirement. Next due at 4311.7. all compressions 74% above. All eng controls lubed. Gas/for LNSP. - All controls travel limits checked. All main. performed S/PW Lycoming S/M of TAA's

B. Welch AF# P1929653

June 3, 96 T.T. 4211.7 I certify that this engine has been inspected TAA current annual inspection requirements and has been determined to be airworthy as of this date and Tach time.

Don J. Seery

AF# 308521298

July 7, 96 Tach 1412: AD 95-2613 Ran & LLC checked good

J.W. A. Welch AF# 1929653

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 96				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
NOV 15	1450.3			OIL changed & reserved with 7063 Phillips 100050 - next oil change requires filter.
MAR 26	1480.9			Robert A Welch, AAF 1929653 Oil changed, new filter, cut & cleaned old, reserved 7063 100050
JULY 1 97	114304.38			Looked & resp C/AW check paper sign eng comp: #1.78/ #2.78 \$5.74 \$4.78 AD 94-04-10 PCW by AD 81-18-04 R2
	1519.6			All other routine maint performed IAW PIR & Logosizing 50015 - aircraft determined Airworthy IAW all inspection requirements.
JULY 1, 1997	112261.0	11507.1		Robert A Welch AAF 1929653 I certify that this <u>engine</u> has been inspected IAW current FARs for a <u>annual inspection</u> and has been determined to be airworthy as of this date. Screened ADs to biweekly 97-12.
				Dan J. Henry AIAA308521228 IAI

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 97				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
July 9, 97	Robbs 1520.9	✓ Tach	4305.38 2262.2	Oil & Filter changed, Reserviced 6 QTS Phillips 10w50, Filter out & susp. Oil Robt Welch app 1929653
Sept 19, 97	Robbs 1549.2	Tach	4329.39	Oil changed - Reserviced 6 QTS Ph. 1.5 X C 10w50 Robt Welch app 1749653
Apr 18, 98	Robbs 1587.4 Tach 4361.7 Eng Comp. #1 7 8/10 12 7/10 #3 7/8 #4 3 8/10			100 hr + susp. C/W IAW Piper 5/m & CK L-575 Oil & Filter changed & Reserviced with Phillips 10w50, Filter out & susp. All other Routine maint. performed IAW FAR 43, Piper & Wyoming 5/m - Aircraft determined airworthy IAW with applicable susp. Req'd by FAR
TT 2339.8	TT 500 1185.2			Robt Welch app 1729653
Apr 5, 1998				certify that this engine has been inspected IAW current FARs & service manual and has been determined to be airworthy as of this date and TT. ADs checked thru 88-08 Paul L. Lee Apr 5 1998 I.A.

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 49				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
May 26	1668.8 11429.14			<p>100 hr. INSP. C/W 1 ACW Piper & Wyoming Service Manuals & CR Lists. Replaced spark plug s, replaced ignition harnesses & Re checked mag & timing. Replaced air filter element with brass ret BA-3 replacement element. Installed new Scott hoses for carb intake, heat mat, carb heat & defrosters, replaced all valve lifter tube seals, Replaced all rocker arm cover gaskets. Changed oil & filter, filter cut & checked Reservoir with Phillips A/C 20W 50 oil. Replaced loose radiator oil cooler Bracket. Replaced Alternator belt & Re adjusted belt tension. Eng. compressions: #1 $7\frac{1}{4}$ $\frac{1}{80}$ #2 $7\frac{1}{4}$ $\frac{1}{80}$ #3 $7\frac{1}{4}$ $\frac{1}{80}$ #4 $7\frac{1}{4}$ $\frac{1}{80}$ Replaced all exhaust gaskets, replaced fan blades & fire sleeves from GMA heat exch. This engine is determined airworthy at this date.</p>

Log & Watch No 1929453

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 99	Robbs	1668.8	TT 501 2460.2	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
May 26	4429.14	TT STOP	1306.4	I certify that this engine has been inspected for a annual inspection per current FARs and has been determined to be airworthy as of this date and T.
				Don J. Den ATP308521298ATP
Sept 9, 1999	Robbs	1782.0		O/I changed & Reserviced with Phillips x/c 20w50 O/I Don J. Den 1929653 ATP
MAR 15 2002	Robbs	1736.1		O/I changed & Reserviced with Phillips x/c 20w50 O/I Don J. Den 1929653 ATP

DATE 1000 19	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.)
July 18, 2000	4506.75	Hobbs 1760.9 5104	2537.8 1308.4	Annual Inspection C/W 12W Pipes of Economy S/M. Compressions: #1 $1\frac{1}{4}$ / 80 #2 $2\frac{7}{8}$ / 80 #3 $3\frac{1}{8}$ / 80 #4 $3\frac{1}{2}$ / 80 Replaced #1 exhaust gasket, installed screws on carb & heat muffs. #1 Harmonic Belt tension adjusted. Tightened push rod covers. Cleaned & greased fittings. Mag Timing checked. Any wished time for operation of look ups. Verify this engine inspected for an annual 12W current FARs, and has been determined satisfactory. This part & t. a AD's screened to this date
Nov. 7, 2000	Hobbs 1776.6	TM 4519.25		Oil & filter changed, reservoir with 6 qt. of Phillips X 20W-50 Oil filter INSP. Robert A. Welch ADP 1929653 JA.

DATE 2001 19	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.)
Nov 9, 2001	4555.02	Hobbs FTSMatt	1807.2 510H 1356.7	<p>Annual Inspection C/W 1AW P-115 of Wyoming S/N's. Compressions $\frac{4}{7}\frac{1}{2}$ $\frac{2}{7}\frac{1}{2}$ $\frac{4}{7}\frac{1}{2}$ $\frac{3}{7}\frac{1}{2}$ $\frac{4}{7}\frac{1}{2}$ $\frac{2}{7}\frac{1}{2}$</p> <p>Replaced #1 Exhaust gasket. Tightened Valve Cover Screws. Cleaned & gapped all spark plugs. Checked mag. Timing. Tightened Clamps on lower oil lines. Adjusted idle mixture. Ran engine for over 10 min & 10 sec. washed Down Engine. Oil & filter changed. Oil filter cut and checked. Replaced Oil wicks Phillips XC 20W-50 (6 qts) AD's checked thru this date. I certify this engine inspected for annual 1AW FAR's & has been determined airworthy This Date. all AD's checked & found current to this date.</p> <p><i>Robert A. Welch</i> AIP 19296531A</p>

Robert A. Welch
APP 11296531A

DATE 2002 46	RECORDING TACH TIME 100hrs	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.)
March 18, 02	1845.5			O/T Charged, Serviced 6915 Phillips & C 200-50
4/1, 03	4598.0	TT 2629.1	1572.6 TT 1399.7	P. Welch A/F 1929653 1K
				Annual Inspect. C/w 1000 Piper & Lycoming S/m. all lubi. Requirements C/w. Replaced #3 Exhaust gasket. Replaced 1B1c. Cleaned & Greased sleeves. Major C.R'd. charged oil & filter filter & Inspect. Compressions. #1 $\frac{76}{81}$ #2 $\frac{76}{70}$ #3 $\frac{77}{80}$ #4 $\frac{78}{80}$. Serviced 6 qts Phillips 20W50 oil. All AD's C.R'd thru this date I certify this engine for Annual Inspection IAW current FARs and was her determined to be air worthy.

DATE
19 JULY 2003RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
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.)

July 19 4603

Changed oil & filter, cut filter
for inspection, OK. Scoured 6 qt
Phillips 20W50. ~~Specified #1~~
Exhaust gasket, ran eng for lead and
gasket

Ralph Welch AF 19296531A

APTO1,04 4613.76 Annual shop: C/W 1AW Piper & Lycoming s/m cert
Hobbs 1893.0 all lube requirements C/W. Cleaned & Greased
plugs. mag. checked for timing
TTSM01 2644.86 Compressions: #1 $\frac{16}{80}$ #2 $\frac{24}{80}$ #3 $\frac{22}{80}$ #4 $\frac{28}{80}$
TTST04 1415.44 ADs screened thru this date

I certify this engine for annual inspection
IAW current FAR's and has been determined
airworthy this date.

Ralph Welch AF 19296531A

DATE 2004 19	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.)
Aug 5, 2004	4627.23		TSMOP 2648.33	ENGINE REMOVED FROM AIRCRAFT N-411419 FOR OVERHAUL.
Oct 8, 04	4627.23		TSMOP H 0	<p>John A. Welch A&P 1929653 1A</p> <p>Same Engine Reinstalled. New engine Lord mounts installed, Torqued to 470 in/lbs. New fuel lines & fire sleeves installed. All systems hooked up & installed. all mag timed to engine, Horners installed. Oil screens, plug installed. Installed New Heat Oil pad, model E-Z 441 (NO FAR 337 required).</p> <p>See next page for other details on O/H. Engine Run for ops & lt. C.R. Red, checked good, Test flow for 1.5 hrs. all OK. I certify this Engine airworthy this date.</p> <p>John A. Welch</p>

DATE	RECORDING	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
TACH TIME				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19	—	—	—	10-25-2004 S/N L-23244-27A TACH: 4627.23 ENGINE MEETS REQUIRMENTS OF MAJOR OVERHAUL AFTER COMPLETION OF TEST RUN. STEEL PARTS MAGNUFLUXED, CASE ZY-GLOED AND FOUND FREE OF CRACKS AT THIS TIME. ALL CYLINDERS WELDED AND CYLINDERS # 2 NUCHROMED BY HARRISON ENGINE SERV WO#s 65285, 65395, 67526, 69122. CAM & FOLLOWERS GROUND BY ROCK AVIATION WOs10020. CRANKCASE RECONDITIONED BY DIVCO, INC. WO# 75878. THE FOLLOWING PARTS INSTALLED NEW: 1-SL61084 OIL SPRING, 1-SL1028-B OIL BALL, 1-SLSTD2213 BOLT, 1-18A19441 MAIN BEARINGS, 4-SL11020 MAIN BEARINGS, 8-61662 ROD BEARINGS, 1-STD21211 PLUG, 1-SL76121 TACH SHAFT, 1-SL18109S OIL GEAR KIT, 4-SL75413 PISTONS, 4-CC203 RING SETS, 8-60828 PIN PLUGS, 4-SL13444 PISTON PINS, 8-SL78027 ROD BOLTS, 8-SL12186 NUTS, 4-SL19001 EX VALVES, 4-SL74230 EX GUIDES, 8-SL31C-12 EX STUDS, 2-SL772058 EX SEATS, 3-SL720517 INT SEATS, 1-SL61681 INT GUIDE, 8-SL11795 & SL11800 VALVE SPRINGS, 8-SL60009 & SLMS13997-3 VALVE KEYS, 4-SLMS13998-3 ROTO CAPS, 4-SL13790 ROCKER SHAFTS, 8-SL12892 THRUST CAPS, 1-SL69371-1 GASKET SET, 4-SL69603 HOSES, 4-SL2180 HOSES, 1-61174 OIL PUMP DRIVE, 2-SL68761 OIL LINES, 1-68760 OIL LINE, 1-SL68759 OIL LINE, 4-SL74637 ROCKER ARM BUSHINGS. DISASSEMBLED, CLEANED & INSPECTED MAGS. REASSEMBLED USING THE FOLLOWING PARTS: POINTS, SEAL, BEARINGS. INSTALLED OVERHAULED 40295 FUEL PUMP S/N AA18592. C/W ADs 04-10-14 PER SB 475B, 96-09-10, 97-15-11, 98-02-08 PER SB 505B & 530A STAMPED (PID) ON FLANGE. ENGINE NOT INSTALLED IN AIRCRAFT AT THIS TIME. END.KLINE AVIATION, INC. <i>Paul Kline</i> PAUL KLINE 368620104 IA

DATE 2005	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.)
April 8	4641.34	115 MDT	141.11	<p>annual Inspection C/w 100 hours 8/03, 6 Wyoming 0/09. All lube requirements C/w - note engine still under 'Break in' period. AD's scheduled thru this date Engine ran & ops check ok. Repaired small oil leak at oil temp. bulk.</p> <p>I certify this engine has been inspected now an annual inspection and carried TAR's and has been determined worthy this date.</p> <p>Robert J. Hall</p> <p>APP 1929653 1A</p> <p>Changed oil & oil filter, cut & Insp. Oil filter - check OK. Service 7 Qts Phillips XC 10W50 Ran & check OK</p> <p>Robert J. Hall APP 1929653</p>
MAR. 20, 2004	4670.54	115 MDT	13.33	

DATE <u>7/06</u>	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.)
May 10, 06	4685.6		15000 ^H 58.37	Annual Inspection C/W 1AW Piper S/M & Wyoming O/H. all tube begun - heat & C/W. Compressions are over 78/80. AD's Screens thru this date I certify this engine has been inspected 1AW an ANNUAL inspection and has been determined satisfactory spark plugs cleaned & gapped. NAG checked for timing. Engine look for opes & LF, CH, good
May 16, 07	4731.17		5000 103.94	Robin Welch A# 1929655 IA Annual Inspection C/W 1AW Piper S/M. Oil Changed, Oil Filter changed & prop. 48/40-1 reserviced 74TS Phillips XC 10W50. filter out of insp. Compression all 78/80 AD's Screens thru 2009-10. I certify this engine has been inspected 1AW an ANNUAL inspection & has been determined satisfactory.
				Robin Welch A# 1929653 IA © 1991 ASA

DATE 2005 10	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)
06/20/08	4741.76	113m00 114.53		<p>Annual Inspection C/w I Am Pipes PA-28 Series 5/07. All Safety, Maintenance, and Service Requirements C/w. All Compression 78% 78% on all cylinders. All Retention Bolts Tightened and Resoftened. Oil Service extension tube tightened and Safety. R/R & Ops checked Engines Engine for ops; tank OK, all OK. ADS screened thru this date.</p> <p>I certify this engine has been inspected I Am PA, Annual inspection and determined airworthy.</p> <p><i>John C. C. Johnson</i> NPF 192965 EA</p>

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19 2009				
JULY 18	4762.5	SMOH	135.3	<p>INSPECTED ENGINE IAW FAR 43 APPENDIX D, COMPRESSOR #1 $7\frac{7}{8}$0 #2 $7\frac{3}{8}$0 #3 $7\frac{5}{8}$0 #4 $7\frac{6}{8}$0 DRAINED</p> <p>OIL REPLACED FILTER PS 48110-1 CUT AND INSPECTED OLD FILTER NO CONTAMINANTS NOTED FILLED</p> <p>CRANKCASE WITH 7QTs PHILIPS XC 20W50 REPLACED</p> <p>AIR INDUCTION FILTER BA-3, REPLACED FUEL INDICATION PRESSURE LINE AIRQUIP 303-3, INSPECTED</p> <p>OIL SCREEN NO CONTAMINANTS FOUND. SERVICED</p> <p>SPARK PLUGS, CLEANED, GAPPED. NO AD'S DUE THIS INSPECTION. WASHED ENGINE RUN-UP AND TEST LEAK CHECKED GOOD. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION</p> <p>Dee E. Kinney A&P 2841546 I.A.</p>

DATE 19	RECORDING TACH TIME	TODAYS 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.)
	Tac 4772.5 SMOH 145.3			<p><i>Feb 1 2011</i></p> <p>Engine inspected IAW FAR 43 Appendix D. Compressions #1 72/80 #2 70/80 #3 70/80 #4 74/80 Drained oil replaced filter CH48110-1 cut and inspected old filter no contaminants noted. Removed and inspected sump screen no contaminants noted. Washed engine, drained carburetor no water noted. Cleaned and gapped spark plugs. Reset mag timing to 25*. Filled crankcase with 7 QTS aeroshell 15W50. Removed spinner inspected prop for safety and nicks in blade. I certify this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.</p> <p>Derk Kingrey A&P 2841546 I.A. <i>Derk Kingrey</i></p>

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19				
12/13/11 W/011-4900	4814.4			<p>DRAIN OIL. REMOVE AND CUT FILTER FOR INSPECTION AND FOUND <u>NORMAL</u></p> <p>REFILLED WITH <u>8</u> QTS OF <u>Aerofhell 15W/50</u> OIL, INSTALLED NEW FILTER P/N <u>AA48110-2</u></p> <p>POST RUN UP NO LEAKS FOUND.</p> <p><i>Richard Meyers A&P 1537483</i></p>



Concord Aviation Services
71 Airport Rd Concord NH
603-229-1769

N41419 Engine 02/22/12 Tach: 4817.7 EngTT: 190.5 WO#4915

- Compression check Cyl #1 78/80, #2 78/80, #3 78/80, #4 76/80
- Clean carb inlet screen. Install new copper gasket P/N CF16-A36. Service screen and reposition pipe fittings on inlet.
- Clean carb float bowl
- CW AD 98-01-06 Carb 2 piece venturi inspection. Found OK. Next due in 100 hours Tach: 4917.7.
- Clean and check electric fuel pump screen. Ops check for leaks OK.
- Clean and rotate spark plugs.
- Post runup and ops check OK.

Richard Meyers A&P 1537483

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs
19				Entries must be endorsed with Name, Rating and Technician or Repair Facility. (See back pages for details)

Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769

Date: 2/24/2012 Tach: 4817.7 TSHalt: 19015 ACTT: 19015

I certify that this Enginit has been inspected in accordance with a(n) annual.
inspection and was determined to be in an airworthy condition.
Richard Meyers IA 1537483



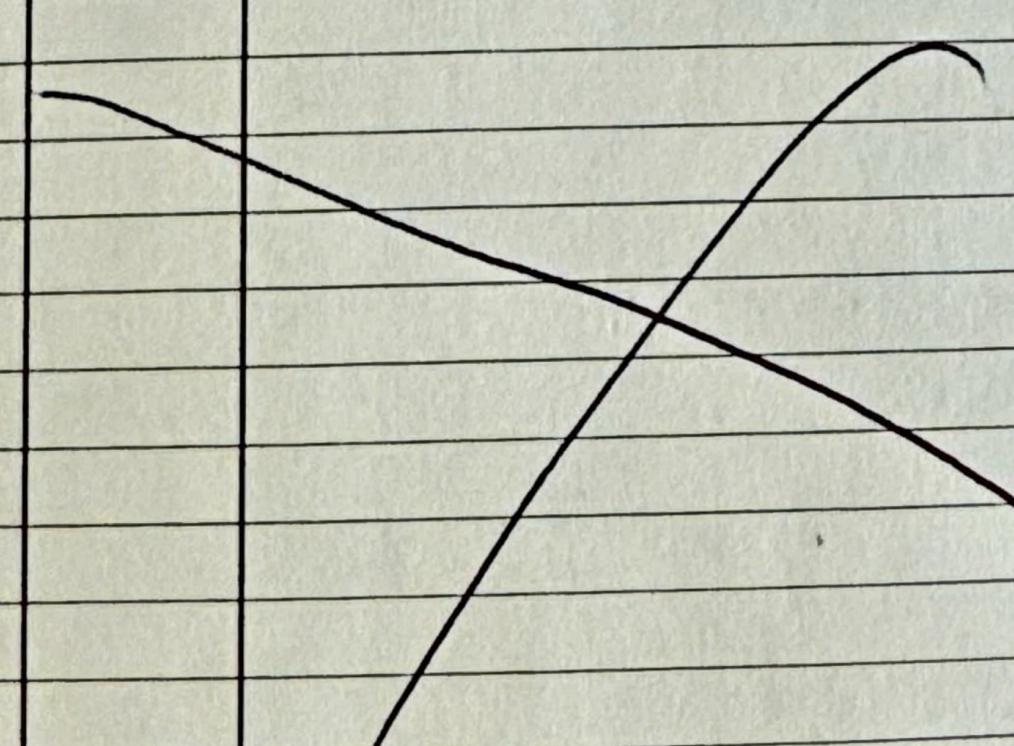
Concord Aviation Services
71 Airport Rd Concord NH
603-229-1769

N41419 Engine 03/04/13 Tach: 4847.5 EngTTSMOH: 220.4 WO# 5088

- 1- Drain oil and cut open filter for inspection. Found normal. Refill sump with 8 qts Aeroshell 15W50 oil, install new filter P/N AA48110-2 and safety wired.
- 2- Compression check Cyl #1 76/80, #2 76/80, #3 76/80, #4 76/80.
- 3- Replace all spark plugs with new Tempest P/N UREM40E plugs.
- 4- Replace vacuum pump drive gasket P/N 06A19956.
- 5- Clean and inspect oil sump screen. Install new crush gasket P/N MS35769-21.
- 6- Replace all rocker box cover gaskets P/N 75906.
- 7- Clean carb float bowl. No debris found.
- 8- Clean carb inlet screen. Install new copper gasket P/N CF16-A36.
- 9- Remove engine driven fuel pump P/N 40295, S/N AA18592. Install OH fuel pump from Tempest P/N LW15472, S/N 01MR18.

-Post run-up and ops check OK.

Richard Meyers A&P 1537483

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p> <p>Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769</p> <p>Date: <u>3/4/13</u> Tach: <u>4847.5</u> ⁷⁵¹⁰⁰¹ ACT: <u>220.4</u></p> <p>I certify that this <u>Engine</u> has been inspected in accordance with a(n) <u>Annual</u> inspection and was determined to be in an airworthy condition.</p> <p>Richard Meyers IA 1537483 <i>Richard Meyers</i></p> 

DATE

19



Concord Aviation Services
71 Airport Rd Concord NH
603-229-1769

N41419 Engine 02/03/14 Tach: 4879.2 EngTTSMOH: 25197 WO# 5224

- 1- Drain oil and cut open filter for inspection. Found normal. Refill sump with 8 qts Aeroshell 15W50 oil, install new filter P/N AA48110-2 and safety wired.
- 2- Compression check Cyl #1 78/80, #2 78/80, #3 78/80, #4 78/80.
- 3- Clean and rotate all spark plugs.
- 4- Clean carb float bowl. No debris found.
- 5- Post run-up and ops check OK.

Richard Meyers A&P 1537483

A handwritten signature in black ink that reads "Richard Meyers". Above the signature, the text "Richard Meyers A&P 1537483" is printed in a smaller, sans-serif font.

Concord Aviation Services 71 Airport Rd Concord NH 03301
603-229-1769

Date: 2/3/14 Tach: 4879.2 ^{TSMOH} ~~A-251.97~~

I certify that this Engine has been inspected in accordance
with a(n) annual inspection and was determined to be in
an airworthy condition.

Richard Meyers IA 1537483

A handwritten signature in black ink that reads "Richard Meyers". It is positioned below the "annual" inspection line.

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.)
19				REPLAC CAPACITOR P/N K3984 IN LEFT MAGNETO Run up ops check ok Richard Men A&P 1537483
4/4/14 4/10/14-5246	4882.3			 <p>Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769 N41419 Engine log 3/3/2015 4905.96 Tach 278.73 TSMOH WO 15-5354 Compression 1) 77/80 2) 76/80 3) 78/80 4) 76/80 Drain engine oil Remove and cut open oil filter for inspection and found normal Install a new oil filter PN Tempest AA48110-2 Refill engine with 8 quarts of Aeroshell 15w/50 oil Clean sump screen Check magneto timing Clean and re-gap sparkplugs Service carburetor fuel inlet screen Drain carburetor float bowl Replace #3 intake gasket PN 71973 Replace bolt at carburetor throttle rod end CW AD 98-01-06 Carburetor venture inspection per par (a) (2) Visual inspection OK Post maintenance run-up satisfactory</p> <p>Gary Harvey Gary Harvey A&P 2785911</p>

DATE

19

RECOR
TACH
TIME

N 41419

DATE 3-3-2015 TACH 4905.96 TSMOH 278.73

I Certify That This Engine Has Been Inspected In
Accordance With An Annual / 100 hour Inspection And
Was Determined To Be In Airworthy Condition

Alterations

Number of
specific entries.)

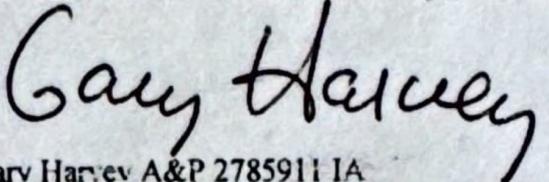
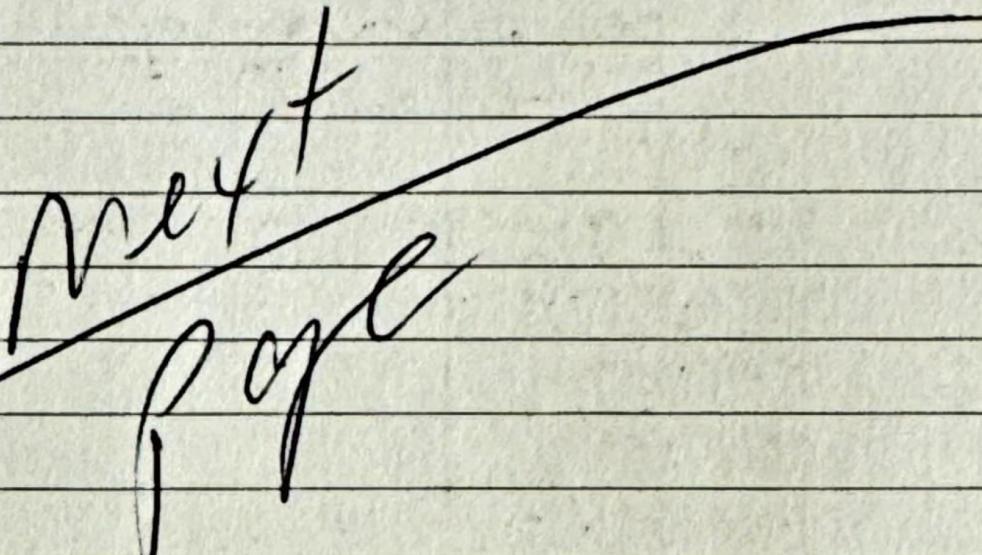
Concord Aviation Services
71 Airport Rd Concord NH
603-229-1769

N41419 Engine 03/08/16 Tach: 4941.88 EngTTSMOH: 314.65 WO# 5463

- 1- Drain oil and cut open filter for inspection. Found normal. Refill sump with 8 qts Aeroshell 15W50 oil, install new filter P/N AA48110-2 and safety wired.
- 2- Compression check Cyl #1 78/80, #2 78/80, #3 77/80, #4 77/80.
- 3- Clean and rotate all spark plugs.
- 4- Clean carb float bowl. No debris found.
- 5- Clean sump screen and install new crush gasket P/N MS35769-21.
- 6- Take oil analysis P/N 1151AOA.
- 7- Check magneto timing. OK.
- 8- Replace all 4 rocker box cover gaskets P/N 75906.
- 9- Replace helicoils in top positions of #2 and #4 cyl spark plug holes.
- 10- Replace carb with OH MA 4SPA carb P/N 10-3678-32, S/N A051222.
- 11- Post run-up and ops check OK.

Richard Meyers
Richard Meyers A&P 1537483

DATE	RECORDING TACH	Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769	erations (number of entries.)
19 _____	TIME	<p>Date: <u>3/8/16</u> Tach: <u>4941.88</u> TSMOH <u>347.2</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a(n) <u>100 hr.</u> inspection and was determined to be in an airworthy condition.</p> <p>Richard Meyers IA 1537483 <i>Richard Meyers</i></p>	
		<p>CAS Concord Aviation Services 71 Airport Rd Concord NH 03301 603-229-1769</p> <p>N41419 Engine log 2/3/2017 4974.43 Tach 347.2 TSMOH WO 17-5583 Compression 1) 77/80 2) 77/80 3) 78/80 4) 77/80</p> <p>Drain engine oil Take oil analysis Remove and cut open oil filter for inspection and found normal Install a new oil filter PN Tempest AA48110-2 Refill engine with 8 quarts of Aeroshell 15w/50 oil Clean sump screen Check magneto timing Clean and re-gap sparkplugs Drain carburetor float bowl Re-torque rocker cover screws Post maintenance run-up satisfactory</p> <p><i>Gary Harvey</i> Gary Harvey A&P 2785911</p>	

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations and Certificate Number of ges for other specific entries.)
19	TACH TIME	N 41419 DATE 2-3-2017	TACH 4974.43 TSMOH 347.28	I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With An <u>ANNUAL - 100 hour</u> Inspection And Was Determined To Be In Airworthy Condition
 Gary Harvey A&P 278591 IA				
				

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.)
19				

N41419 Piper PA-28-140 S/N; 28-7425237

Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 5 June 2017 A/C Tach: 4996.27 Eng. TT TSMOH

Removed the engine cowlings. Performed a General inspection of the fire wall forward before aircraft is placed in flight school. Removed and replaced the #1 and 3 cylinder due to cracks in the exhaust ports using two new Superior cylinders assembles part # SL32006W-A21P S/N #1: 326WD1718133, #3 S/N: 326WD1717885. Replaced the Muffler and the riser for the #3 and 4 cylinder with a good serviceable muffler and riser. Removed the oil cooler lines, oil pressure line and fuel lines and installed all new Due to hoses are hard and no data, installed all new hose kit from PHT, Inc. Installed Missing support bracket from starter to the alternator with a good serviceable bracket. Cleaned all spark plugs and tested. Replaced the primer line for the #4 cylinder with A new copper line. Removed and replaced all valve cover gaskets with rubber gaskets. Removed the engine driven fuel pump, installed missing pump heat baffle with a Good serviceable baffle. Installed a new exhaust stud in the #2 cylinder. During run up vacuum was set at 6.0, adjusted to be within the limits 4.8 to 5.2. Changed oil and filter using (1) CH48110 oil filter and (8qts) Philips 100AD motor oil. I certify that the above listed repairs were made using the Piper PA28-140 service manual.



Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

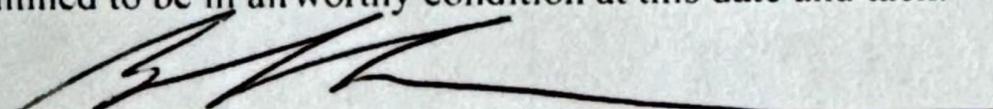
N41419 Piper PA-28-140 S/N; 28-7425237

Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 1 Nov. 2018 A/C Tach: 5014.91 Eng.TT: 5014.91 TSMOH: 414.76

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Service manual and Check Sheet. Changed oil and filter, opened oil filter and finger screen and inspected no contamination was noted. Service engine with 48110 oil filter and (8qts) Philips 100AW oil.

Performed a compression test as follows: #1; 70/80, #2; 70/80, #3; 70/80, #4; 70/80. Checked mag timing and adjusted as needed to 25 degrees BTDC. Removed and replaced all spark plugs with new REM40E Champions. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach, (See AD Sign off Sheets for details). I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.



Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

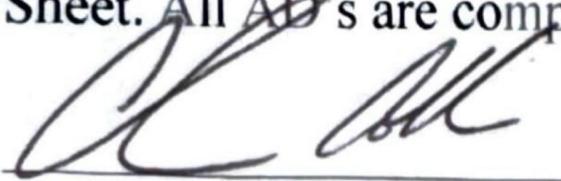
N41419 **Piper** **PA28-140** **S/N: 28-7425237**

Engine: **Lycoming** **0-320-E2D** **S/N: L-23244-27A**

Date: **1 Nov. 2018** **Tach:** **5014.91**

Eng. TT: **5014.91** **TSMOH:** **414.76**

I certify that this Engine has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Piper PA28-140 Maintenance Manual and Check Sheet. All ~~AD's~~ are complied with to this date and Tach.



Christopher David Collum

A&P/IA 3290616

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date 02/11/2019

Make : Lycoming

SN : L-232244-27A

Model : O-320E2D

REGISTRATION : N41419

TACH TIME : 5043.99

Vacuum pump PN211CC SN 05548 failed removed pump and replaced with serviceable PN 211CC SN 168384, performed operational check no defects found. I certify that this engine has been serviced and inspected IAW OEM MM and returned to service for the work performed.

David E Morlan A&P 3417426

ENGINE MODEL
ENGINE S/N
REG NO N41419
WORK ORDER
4035-03-2019

Trident Aircraft Maintenance, Inc.
9475 Jet Lane
Easton MD 21601
Phone 443-385-0590

DATE 15 March, 2019
A/C TSN
ENG TT
TSMCH
TACH 5059.44

Engine Entries

(1) Completed 50 hr oil change. Serviced with 3 qts Phillips 100AW oil and (1) CH48110-1 oil filter. Op's and leak check good.

I certify that this engine has been inspected in accordance with a 100 hr inspection and determined to be in an airworthy condition at this time.

DATE: 15 March, 2019

SIGNED:

J Frost A&P 3170226

Work Order: 4035-03-2019

Printed by EBis 3 (datcomedia.com)

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.)
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ENGINE MODEL
O-320-E3A
ENGINE SN L-23244-27A
REG NO N41419
WORK ORDER
4092-04-2019

Trident Aircraft Maintenance, Inc.

9475 Jet Lane
Easton, MD 21601
Phone 443-385-0590

DATE 30 April 2019
A/C TSN 593251
5114.08 ENG 1
TSMOH 513 93
TACH 5114 04

Engine Entries

(2) Inspected this engine IAW FAR 43 appendix "D" 100hr inspection. Performed compression test and are as follows: #1-78/80, #2-58/80, #3 78/80, #4 32/80. Removed #2 and #4 cylinders for O/H and installed serviceable cylinders from J&J Air Parts IAW Lycoming O-320 service manual. (see W.O. 4092, item #13 for details) Removed, cleaned, gapped, tested, and rotated spark plugs. Drained oil and serviced with 8 qts Phillips AW100 oil. Removed, inspected, and re-installed new Champion CH 48110-1 oil filter. No metal noted. Checked magneto timing IAW engine placard. Washed engine and performed run-up for operational and leak check. Op's check good. No leaks noted. (13) Removed #2 and #4 cylinders for O/H due to low compression. Installed serviceable cylinders from J&J Air Parts as follows: #2 cylinder assy, model O-320, P/N LW12417 NC, #4 cylinder assy, Model O-320, P/N LW12416NC and associated parts: pistons, P/N 75413 (2); rocker shafts, P/N 13790A (2); rings, P/N CC203 (2); push rod seals, P/N 18651 (4); push rod o-rings, P/N 70310 (4); push rod spring clips, P/N 14995 (2); lock-plate, P/N 12272 (2); base seal, P/N 71481 (2); oil return, P/N STD-1821 (2); and intake rubber, P/N 69603 (2). All work performed IAW Lycoming O-320 O/H and service manual. Post run leak and op's checks good at this date and tach... (15) Installed new Rapco 211CC, S/N 182236 vacuum pump IAW Piper PA28-161 service manuals. All op's checks normal

I certify that this engine has been inspected in accordance with a 100 hr inspection and determined it to be in an airworthy condition at this time

DATE: 30 April, 2019

SIGNED:

JFrost A&P 3170226AP

Work Order 4092-04-2019

JFrost A&P 3170226

Printed by EBis 3 (datcomedia.com)

Date 08/29/2019

Make : Lycoming

SN :L-232244-27A

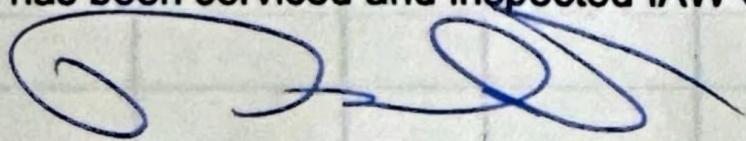
Model : O-320E2D

Hobbs : 2554.0

REGISTRATION : N41419

TACH TIME : 5167.31

Engine oil drained, replaced oil filter with PN CH48110-1 and serviced with 8 quarts of Phillips 100W oil. Found one spark plug with bad threads replaced with new spark plug PN REM40E. Rotated spark plugs, performed operational check not defects found. I certify that this engine has been serviced and inspected IAW OEM MM and returned to service for the work performed.


David E Morlan A&P 3417426

ENGINE MODEL
0-320-E3A

ENGINE S/N L-232244-27A
REG NO N41419
WORK ORDER
4640-12-2019

Trident Aircraft Maintenance, Inc.

3475 Jeil Lane
Easton MD 21601
Phone 443-345-0590

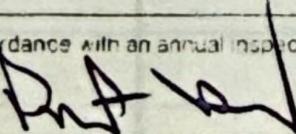
DATE 02 December 2019
A/C TSN: 702351
ENG TT 91.1
TSMOH 605.03
TACH 5205.18

Engine Entries

(3) I certify that this engine has been inspected in accordance with a Annual inspection and was found to be in airworthy condition at this time. Performed compression test #1-78/80, #2-74/80, #3-74/80, #4-76/80. Cleaned, inspected, gapped, tested and rotated all spark plugs. Checked magneto timing IAW engine placard, operational check satisfactory. Performed run up for operational and leak check. Operational check satisfactory no leaks noted. (13) Replaced cracked exhaust with customer supplied exhaust IAW Lycoming O-320 and Piper PA28-161 MM. (14) Repaired customer supplied heat shroud and mount IAW AC43 13-2B and installed IAW Piper PA28-161 MM.

I hereby, that this engine has been inspected in accordance with an annual inspection and determined to be in an airworthy condition at this time.

DATE 02 December 2019

SIGNED 

Work Order 4640-12-2019

BHuseby A&P

2132154 IA

Printed by EBis 3 (datcomedia.com)

DATE

Engine Log Book Entry Date: 08/06/2020

19

Reg: N41419 Make: PA-28-140 Ser# 28-7425237 Tach: 5255.8

In accordance with Piper PA-28 Service Manual and AC 43.13-1b:

- 1) Removed the muffler and shroud.
- 2) Installed a new Aerospace Welding Inc. pn: A99482-00, ser: 88697 muffler, and one RA77611 gasket.
- 3) Ran up in accordance with Piper PA-28-181 POH. all indications, RPM's, and leak check, O.K.

Engine is in airworthy condition.

Robert W. Marden A&P 2875235

Robert W. Marden

N41419 Piper PA-28-140 S/N: 28-7425237

Lycoming Engine 0-320-E3A S/N: L-23244-27A

Date: 1 Feb. 2021 A/C Tach: 5281.26 Eng.TT: 5281.26 TSMOH: 681.11

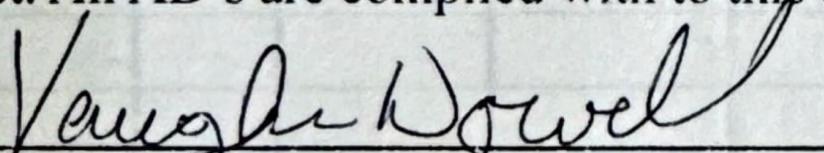
Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter, opened oil filter and finger screen and inspected no contamination was noted. Service engine with 48110 oil filter and (8qts) Philips 100AW motor oil. **Performed a compression test as follows: #1; 75, #2; 75, #3; 75, #4; 75.** Removed the L/R magneto, installed a slick service kit MK401, re-installed magneto to engine at 25 degrees BTDC. Removed all spark plugs cleaned and tested, re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach, (See AD Sign off Sheets for details). I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.

[Handwritten signature]

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.)
19 _____				

N41419 **Piper** **PA28-140** **S/N: 28-7425237**
Engine: Lycoming **320-E3A** **S/N: L-23244-27A**
Date: 1 Feb. 2021 **Tach: 5281.26**
Eng. TT: 5281.26 **TSMOH: 681.11**

I certify that this Engine has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Piper PA28-140 Maintenance Manual and Check Sheet. All AD's are complied with to this date and Tach.


Vaughn Dowell **A&P/IA 3684662**

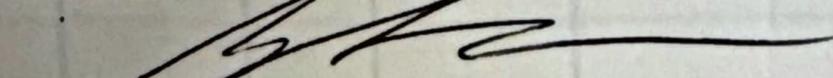
RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N41419 Piper PA-28-140 S/N; 28-7425237

Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 1 April 2022 A/C Tach: 5317.99 Eng.TT: 5317.99 TSMOH: 717.84

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter, opened oil filter and finger screen and inspected no contamination was noted. Service engine with 48110 oil filter and (8qts) Philips 100AW motor oil. **Performed a compression test as follows: #1; 73, #2; 60, #3; 76, #4; 73.** R&R the #2 cylinder, installed a overhauled cylinder, installed new exhaust valve, rings and gaskets. Replaced the exhaust studs on the #1 cylinder. Replaced the carb air box and installed a serviceable one. Removed the carb heat shroud and installed a serviceable shroud. Installed new 3 inch Scat Ducting on the carb. Checked the magneto to engine timing at 25 degrees BTDC. R&R all spark plugs using (8) REM40E Champion plugs. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach, (See AD Sign off Sheets for details). I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.

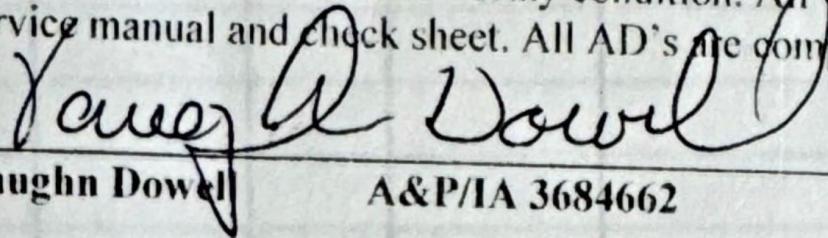


Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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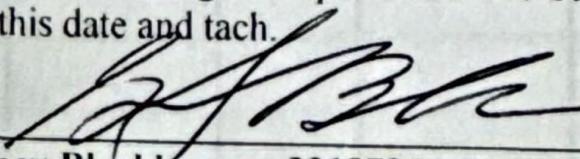
N41419 Piper PA28-140 S/N: 28-745237
 Engine: Lycoming O-320-E2A S/N: L-23244-27A
 Date: 1 April 2022 Tach: 5317.99 Eng. TT: 5317.99 TSMOH: 717.84

I certify that this Engine has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Piper PA28-140 service manual and check sheet. All AD's are complied with to this date and tach.


 Vaughn Dowell A&P/IA 3684662

N41419 Piper PA-28-140 S/N: 28-7425237
 Lycoming Engine 0-320-E3A S/N: L-23244-27A
 Date: 1 Nov 2022 A/C Tach: 5367.44

Performed a 50 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using (7qts) Phillips 20W50XC motor oil and (1) 48111 filter, opened oil filter and finger screen and inspected no contamination was noted. Removed all plugs, cleaned gapped and tested, re-installed with new cooper washers. Removed the oil filler tube, cleaned and re-installed tighten and safety. Checked ducting, wiring and controls. I certify that the engine work stated above has been preformed using the Piper PA28-140 Service Manual and has been determined to be in airworthy condition at this date and tach.


 Stacy Blackburn 3318734A&P

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.)
19				

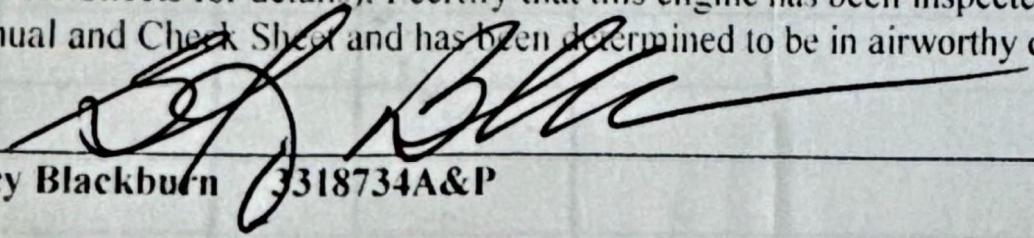
N41419 Piper PA-28-140 S/N; 28-7425237

Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 16 Dec. 2022 A/C Tach: 5418.11 Eng.TT: 5418.11 TSMOH: 817.96

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter, opened oil filter and finger screen and inspected no contamination was noted. Service engine with 48110 oil filter and (8qts) Philips 100AW motor oil. Adjusted and safety the alternator drive belt. Performed a compression test as follows: #1; 72, #2; 72, #3; 73, #4; 73. Checked the magneto to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet.

Researched AD's using the TDATA program. All AD's are complied with to this date and tach, (See AD Sign off Sheets for details). I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.


Stacy Blackburn 3318734A&P

DA

N41419 Piper PA-28-140 S/N: 28-7425237
Lycoming Engine 0-320-E3A S/N: L-23244-27A

19

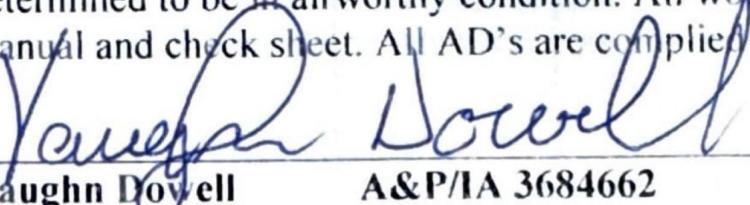
Date: 1 June 2023 A/C Tach: 5517.92 Eng.TT: 5517.92 TSMOH: 917.77

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter, opened oil filter and finger screen and inspected no contamination was noted. Service engine with 48110 oil filter and (8qts) Philips 100AW motor oil. **Performed a compression test as follows: #1; 75, #2; 73, #3; 76, #4; 78.** Removed all four oil returns, replaced the rubber hoses with new STD-1821, replaced the 45 degree fitting in the #2 cylinder. Replaced the primer nozzle in the #4 cylinder and tapped the NPT 1/8 hole. Replaced the missing bolt in the throttle cable mount bracket. Checked the magneto to engine timing at 25 degrees BTDC, adjusted as needed. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.


Stacy Blackburn 3318734A&P

N41419 Piper PA28-140 S/N: 28-7425237
Engine: Lycoming 0-320-E3A S/N: L-23244-27A
Date: 1 June 2023 Tach: 5517.92 Eng. TT: 5517.92 TSMOH: 917.77

I certify that this Engine has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Piper PA28-140 service manual and check sheet. All AD's are complied with to this date and tach.


Vaughn Dovell

A&P/IA 3684662

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N41419 Piper **PA-28-140** S/N: **28-7425237**

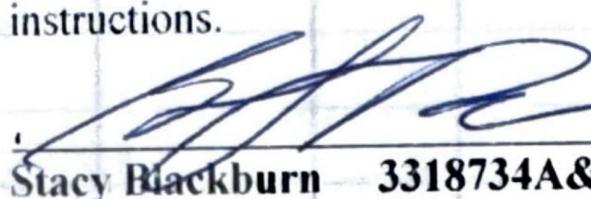
Date: 29 July 2023 A/C Tach: **5578.80**

Write up: Alternator is INOP;

Removed the upper and lower engine cowling, removed the Chrysler alternator and bench tested, found to be bad. Installed a new Plane Power Kit AL12-C60 Alternator P/N: 10-1051

S/N: H-X031460, installing the new mounting brackets, removed the prop and installed a new Alternator drive belt P/N: MC73965-015. Re-installed the pro and torque mounting hardware.

Performed a ground and checked the charging system. Re-installed the engine cowlings. All work was performed using the Piper PA28-140 service manual and Plane Power installation instructions.



Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N41419 Piper PA-28-140 S/N; 28-7425237

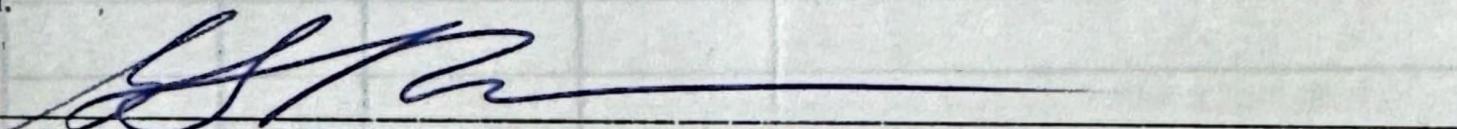
Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 4 Sept. 2023 A/C Tach: 5617.92 Eng.TT: 5617.92 TSMOH: 1017.77

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. **Performed a compression test as follows:**

#1; 73, #2; 73, #3; 74, #4; 74. Removed the right side muffler clamp and installed a good serviceable clamp due to dowel pin missing. Checked the magneto to engine timing at 25 degrees BTDC, adjusted both magnetos. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers.

Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Replaced two missing valve cover screws, checked and tighten all screws. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.



Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

N41419 Piper PA-28-140 S/N: 28-7425237

Date: 8 Sept. 2023 Old Tach: 5618.14 New Tach: 0.0

Write up: Tach needle jumps 300 to 500 RPMs;

Removed and installed a new UMA electric tach P/N: T19-801-112 S/N: A4011. The installation was performed using the installation instructions and approved under TSO C49b/AS-404E dated Nov. 15, 2004.

The installation drawings and instructions T19-801. No change in the W&B. all work was performed Using the installation instructions and the piper service manual.

A/CTT: 7436.57

Engine TT: 5618.14

Engine TSMOH: 1017.99

Prop TT: 7436-57



Stacy Blackburn 3318734A&P

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.)
19				

N41419 Piper PA-28-140 S/N; 28-7425237
 Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 27 Oct. 2023 A/C Tach: 100.00 Eng.TT: 5718.14 TSMOH: 1117.99

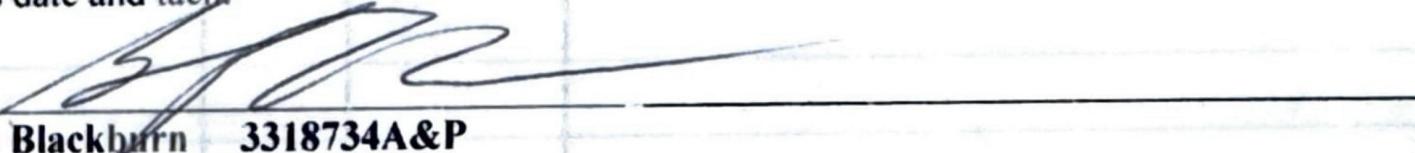
Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. **Performed a compression test as follows:** #1; 74, #2; 77, #3; 74, #4; 77. Removed the exhaust stack from the #1 and 2 cylinder, removed the cylinder due to broken stud and not able to get it out, removed the studs from the #1 cylinder refaced the exhaust port, installed new studs, installed new exhaust valve, refaced the intake, lap valves and hones the cylinder, cleaned the piston, installed new rings and gaskets, re-installed the cylinder and torque. Installed rockers and checked the dry tappet clearance. Installed exhaust gaskets P/N 77611, re-installed the exhaust stack. Tighten the alternator mount bolt. Checked the magneto to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Washed engine. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.



Stacy Blackburn 3318734A&P

N41419 Piper PA-28-140 S/N: 28-7425237
Lycoming Engine 0-320-E3A S/N: L-23244-27A
Date: 11 Nov 2023 A/C Tach: 150.4

Performed a 50 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using (7qts) Phillips 20W50XC motor oil and (1) 48111 filter, opened oil filter and finger screen and inspected no contamination was noted. Removed all plugs, cleaned gapped and tested, re-installed with new cooper washers. Removed the oil filler tube, cleaned and re-installed tighten and safety. Checked ducting, wiring and controls. I certify that the engine work stated above has been preformed using the Piper PA28-140 Service Manual and has been determined to be in airworthy condition at this date and tach.

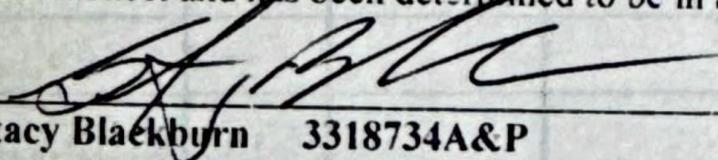

Stacy Blackburn 3318734A&P

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.)
19				

N41419 Piper PA-28-140 S/N: 28-7425237
 Lycoming Engine 0-320-E3A S/N: L-23244-27A

Date: 7 Dec. 2023 A/C Tach: 199.04 Eng.TT: 5817.18 TSMOH: 1217.03

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. Performed a compression test as follows: #1; 74, #2; 76, #3; 70, #4; 70. Removed the left and right magneto, replaced the left magneto with a serviceable Slick 4371 S/N: 15120372 and preformed the 500 hour inspection on it and the right magneto Slick 4370 S/N: 92050050 installed the magnetos to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.


 Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N41419 Piper PA-28-140 S/N; 28-7425237

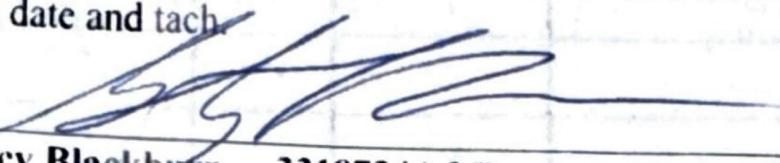
Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 19 Feb. 2024 A/C Tach: 298.59 Eng.TT: 5916.73 TSMOH: 1316.58

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. Performed a compression test as follows:

#1; 72, #2; 72, #3; 70, #4; 78. Installed a good Kelley ignition harness. Adjusted the alternator belt and secured. Replaced the hobs sender due to oil leaking. Checked the magnetos to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers.

Inspected the engine controls for proper operation and smoothness. Inspected the exhaust system. Installed new bracket air filter BA3 tightened and safety bolt. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.



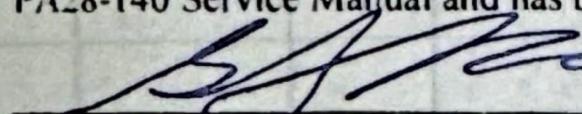
Stacy Blackburn 3318734A&P

DATE 19	RECORDING TACH TIME	TODAYS 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.)
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N41419 Piper PA-28-140 S/N; 28-7425237
 Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 3 April 2024 A/C Tach: 338.92

Performed a 50 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using (7qts) Phillips 20W50XC motor oil and (1) 48110 filter, opened oil filter and finger screen and inspected no contamination was noted. Removed all plugs, cleaned gapped and determined that they needed to be replaced, installed 8 new REM40E Champion spark plugs. Checked ducting, wiring and controls. I certify that the engine work stated above has been preformed using the Piper PA28-140 Service Manual and has been determined to be in airworthy condition at this date and tach.



Stacy Blackburn 3318734A&P

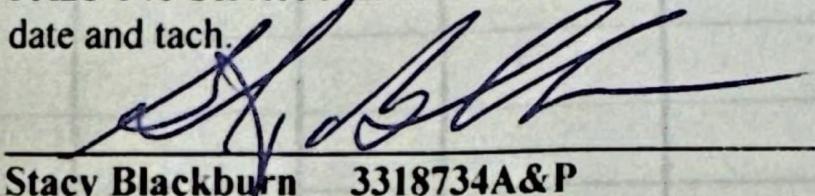
DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N41419 Piper PA-28-140 S/N; 28-7425237
 Lycoming Engine 0-320-E3A S/N; L-23244-27A

Date: 11 July 2024 A/C Tach: 398.49 Eng.TT: 6016.63 TSMOH: 1416.48

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. **Performed a compression test as follows:**

#1; 70, #2; 75, #3; 72, #4; 72. Checked the magnetos to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Adjusted the idle. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. The prop was removed and sent to Air Props for overhaul and re-installed (See 8103 for details). Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program 2024-13, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.



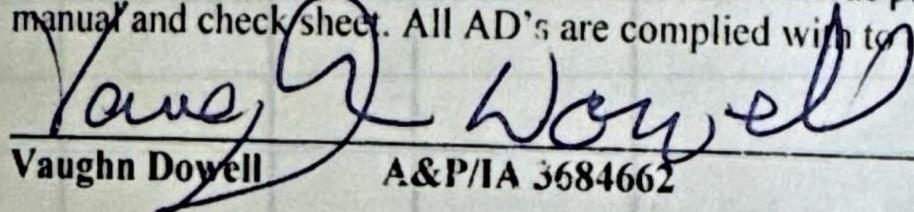
Stacy Blackburn 3318734A&P

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N41419 Piper PA28-140
 Engine: Lycoming O-320-E3A
 Date: 11 July 2024 Tach: 392.49

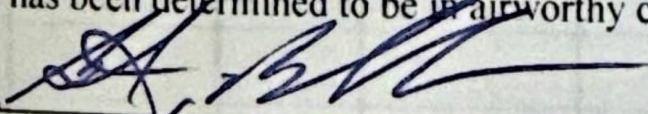
S/N: 28-7425237
 S/N: L-23244-27A
 Eng. TT: 6016.63 TSMOH: 1416.48

I certify that this Engine has been inspected In Accordance with an **Annual Inspection** and has been determined to be in airworthy condition. All work was performed as per the Piper PA28-180 service manual and check sheet. All AD's are complied with to his date and tach.


 Vaughn Dowell A&P/IA 3684662

N41419 Piper PA-28-140 S/N: 28-7425237
 Lycoming Engine 0-320-E3A S/N: L-23244-27A
 Date: 12 Aug. 2024 A/C Tach: 450.31

Performed a 50 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using (7qts) Phillips 20W50XC motor oil and (1) 48110 filter, opened oil filter and finger screen and inspected no contamination was noted. Removed all plugs, cleaned gapped and tested, re-installed the spark plugs with new cooper washers. Checked ducting, wiring and controls. I certify that the engine work stated above has been performed using the Piper PA28-140 Service Manual and has been determined to be in airworthy condition at this date and tach.


 Stacy Blackburn 3318734A&P

DATE
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RECORDING
TACH
TIME

TODAY'S
FLIGHT

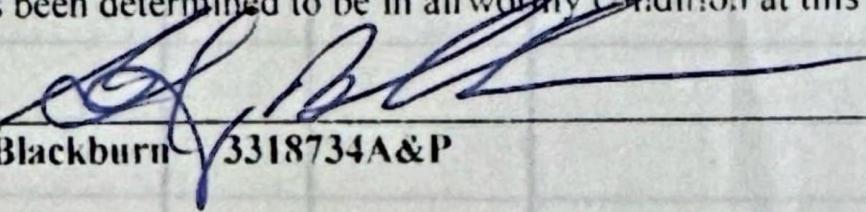
TOTAL
TIME IN
SERVICE

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.)

N41419 Piper PA-28-140 S/N: 28-7425237
Lycoming Engine 0-320-E3A S/N: L-23244-27A

Date: 26 Sept. 2024 A/C Tach: 496.57 Eng.TT: 6114.7i TSMOH: 1514.56

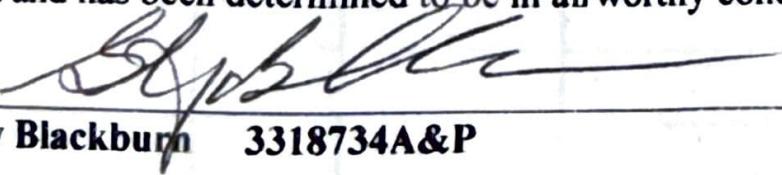
Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7.1s Phillips Victory 20W50XC motor oil, opened oil filter and finger screen and inspected no contamination was noted. **Performed a compression test as follows: #1; 75, #2; 73, #3; 72, #4; 77.** Checked the magnetos to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Inspected the engine controls for proper operation and smoothness. Adjusted the idle. Inspected the exhaust system, Removed the exhaust studs from the #1 and 3 cylinder, with the proper tool, the exhaust port face was Dressed on the #1 and 2 cylinders, installed new exhaust studs (3) SA31C-12P07 and (1) SA31C-12P12, re-installed the exhaust pipes with new 77611 gaskets. Installed new bracket air filter BA3 tighten and safety bolt. Replaced the lower baffle tie rod (87392-002) for the # 1 and #3 cylinder. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the TDATA program 2024-18, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.


Stacy Blackburn 3318734A&P

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 (Continued on reverse side if necessary) S.)
19				

N41419 Piper PA-28-140 S/N: 28-7425237
 Lycoming Engine 0-320-E3A S/N: L-23244-27A
 Date: 2 Dec. 2025 A/C Tach: 572.00 Eng.TT: 6190.14 TSMOH: 1589.99

Performed a 100 Hour Inspection on this engine using the Piper PA28-140 Maintenance manual and Check Sheet. Changed oil and filter using 48110 filter and 7qts Phillips Mineral 20W50 motor oil, opened oil filter and finger screen and inspected no contamination was noted. Performed a compression test as follows: #1; 68, #2; 70, #3; 0, #4; 74. Checked the magnetos to engine timing at 25 degrees BTDC. Removed all spark plugs cleaned gapped and tested re-installed with new cooper washers. Removed the #3 cylinder, installed an overhauled cylinder by J&J Air Parts (See yellow tag for details), replaced an exhaust stud on the #4 cylinder using (1) SL31C12P03. Installed a new intake hose on the #3 cylinder P/N: 69603, new oil return hose STD-1821, installed new 77611 exhaust gaskets, installed new rubber valve cover gasket RG75906, replaced all exhaust nuts STD-1410, torque the cylinder base nuts. Removed the carburetor, Removed and replaced the four engine rubber mounts and hardware using (2) J-9613-40 and (2) J-9613-53 New bolts (2) AN7-43A, (2) AN7-44A, (4) AN363-720 nuts and AN960-720 washers, torque mounting hardware, installed the carburetor with a new gasket P/N: SL66224 and new mounting nuts, washers. Re-installed the throttle, mixture and air box controls, checked for full travel and smoothness. Adjusted the idle. Inspected the exhaust system. Installed new bracket air filter BA3 tighten and safety bolt. Performed several ground run checked for leaks, mag drop and operation. Re-installed the engine cowlings. Completed this inspection as per a 100 hour inspection and the Piper PA28-140 Service Manual and Check Sheet. Researched AD's using the FAA Airworthiness Directory, All AD's are complied with to this date and tach. I certify that this engine has been inspected as per the Piper PA28-140 Service Manual and Check Sheet and has been determined to be in airworthy condition at this date and tach.


 Stacy Blackburn 3318734A&P

MAINTENANCE RELEASE
LYCOMING

CYL ASSY

MANUFACTURER

MODEL No.

NAME _____

PART No. 75042 DI

SERIAL No. DA

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE
WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS
APPROVED FOR RETURN TO SERVICE.

"PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
WORK ORDER No. JJ1 84336

SIGNED

DATE

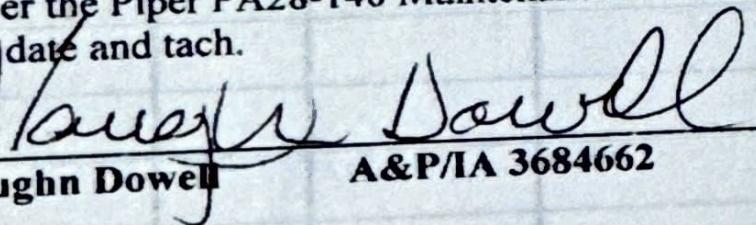
SEP 11 2025

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

DATE	RECORDING TACH TIME	TODAYS 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.)
19				

N41419 Piper PA28-140 S/N: 28-7425237
 Engine: Lycoming 0-320-E3A S/N: L-23244-27A
 Date: 2 Dec. 2025 Tach: 572.00 Eng. TT: 6190.14 TSMOH: 1589.99

I certify that this Engine has been inspected In Accordance with an Annual Inspection,
 14 C.F.R. Part 43 and has been determined to be in airworthy condition. All work was performed
 as per the Piper PA28-140 Maintenance Manual and Check Sheet. All AD's are complied with to
 this date and tach.


 Vaughn Dowell
 A&P/IA 3684662

