

*Right Engine*

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**

## ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. 8614Y

Engine Manufacturer Lycoming

Model L10-320-B1A

Serial No. L-311-66A

Date installed on aircraft 9-23-96

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☒ Right      ☐ Left  
☐ Front      ☐ Rear



**AEROTECH PUBLICATIONS INC.**

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-24-88	AFTI-4364.7			I certify that this engine has
	FT30-241.7			been inspected in accordance with
	Tach-241.7			a Bureau inspection and was determined
	EW AD 9325			to be in airworthy condition.
				Fuel injector lines USED Aeroshell 15W/50. [Signature] #A1826340
				Oil changed + filter replaced
				Plugs cleared + gaped Compression checked
				#1 7/8 #2 7/8 #3 7/8 #4 7/8 2 USED GARET fuel injectors
				on per JTC JF094455C. AD 98-12-11 N/A, 98-23-1 N/A not
				installed. AD 97-15-11 N/A by JB 527C. [Signature] #A1826340
2-27-99	AFTI-4418.7			EW oil + filter change Engine
	FT30-245.72			Several leaks Aeroshell 15W/50
	Tach-245.72			Ground run + leaks checked
				[Signature] #A1826340
7-1-99	AFTT 4469.3			Changed Oil & filter serviced
	ETSO 245.25			eng w/ aeroshell 15W50 8QT
	Tach 245.25			run eng checked for leaks
				[Signature] 563236820 AP
2-16-00	RTach 393.1			Oil + Filter change Filter copper
				no metal. Serviced w/ A.S. 15W/50
				Leak ck.
				Lester M. [Signature] ATP 356363059
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



NEAT  
OIL  
CHG.

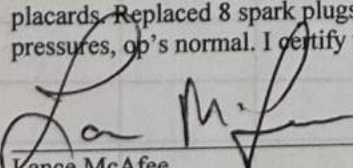
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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9-23-01	RTach	442.1		Oil + Filter changed + serviced w/ AS 15W50. Leak ck, OK Lance McFen A+P 356363059
12-14-01	RTach	476.3		Engine run + op's ck. Uncrewed checked for leaks + washed down. Complete engine + all accessories inspected 1/A/w Piper, Lycoming and/or Mfgs. Service Manuals. Engine serviced, Rissed and Lubricated per Lycoming service manual. Oil + Filter changed. Serviced w/ AS 15W50. All ADEs complied w/ them this date. See List. Engine Run op's ck good, all Temps Normal. I certify that I have inspected this engine 1/A/w an annual inspection Lance McFen A+P 356363059 1A
5-16-01	RT. EN4	584.7	574	OIL & FILTER CHG. 8 QTS AEROSHELL 15W50 CH 48110 FILTER LK. CHK OK 1/R. HURMAN #4P1497121
8-6-01	RT. EN4	575.0	625.0	CHNGED OIL & FILTER - 17 QTS AEROSHELL 15W50 & CH 48110 FILTER 1/R. HURMAN #4P1497121
3-7-02	RT. EN4	621.24	671.24	CHNGED OIL & FILTER - 8 QTS AEROSHELL 15W50 & CH 48110 FILTER 1/R. HURMAN A+P 1497121
7-31-02	RT. EN4	670.72	720.72	CHNGED OIL & FILTER - 7 QTS AEROSHELL 15W50 & CH 48110 FILTER 1/R. HURMAN #4P 1497121
2-6-03	RT. EN4	716.83	744.83	CHNGED OIL & FILTER - 7 QTS AEROSHELL 15W50 CH 48110 FILTER 1/R. HURMAN #4P 1497121
6-4-03	RT. EN4	762.96	812.96	CHNGED OIL & FILTER - 17 QTS AEROSHELL 15W50 & FILTER CH 48110 1/R. HURMAN #4P 1497121
				SUB-TOTALS this page
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2-20-03	730.56	730.56	—	C/W AD 2003-01-03. BY INSPECTING PROPELLER, HUB, HUB PIN. AD IS N/A PER PROP. SIN, HUB SIN & HUB PIN OK FOR CONTINUED SER.
				J.R. Hurron HAP 1497121 — END —
2-28-03	730.56	730.56		REF. AD 2002-26-01 TEXTON LVC. ENG. SUPERCEDES AD 93-02-05 * AMENDMENT 39-8487. NO CHANGE IN INSP. OCCURRED THIS AD. CONTINUE OPS. UNTILL 100 HRS. ACCUMULATE *. THEN C/W 2002-26-01 AT EA. 100 HRS. THEREAFTER.
				J.R. Hurron HAP 1497121 — END —

Mar. 28, 2003 Lvc. LIO-320-B1A S/N L-311-66A Lt. tach: 731.9

Engine and all accessories prepared for inspection. All cowlings, covers removed. Engine run, leak checked and cleaned. Complete engine and accessories inspected I/A/W Piper and/ or Lvc. Service manuals. Engine serviced, lubricated and rigging checked I/A/W service manual. All cylinders => 75/80. Replaced GAMI placards. Replaced 8 spark plugs. All AD's checked thru this date, see AD list. Engine test run; all temps, pressures, op's normal. I certify that I have inspected this engine I/A/W an annual inspection.

  
Lance McAfee  
Southland Aviation, Inc.  
FAA-CRS LGRR381X

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10-14-03	812.26	862.24	-	CHANGED OIL TO 70TS AEROSHELL 15W50 - CHANGED FILTER, CLEANED, CHANGED PLUGS - CLEANED IN REAR T.I.E. NERCON APP 1497101
2-11-04	856.96	906.96	-	CHANGED OIL TO 70TS AEROSHELL 15W50 - CHANGED FILTER - WASHED ENG. CONTINUE SER. APP 1497121
<p>06/18/2004 N8614Y Right ENG Tach 912.57 (1) Drained Engine oil. Replaced Ch48110-1 oil filter. Serviced with Aeroshell 15W50. Wash down ground run leak and operational check good. Top and side cowling, removed and reinstalled for maintenance. Returned to service.</p> <p><i>John Richardson</i> APP 2812915</p>				
10-5-05	RT. ENG. 961.17	961.17	ENG. DUE C-TACH. 1011.17	CHANGED OIL TO 70TS AEROSHELL 15W50 THIS DATE. CHANGED FILTER PN N8115-1. WASHED ENG. OPS. CHK. CK. READY FOR CONT. SERVICE. J.R. HARRIS - APP 1497121
1-10-06		TACH. 1107.89	TACH. 1107.80	CHANGED OIL TO 70TS AEROSHELL 15W50 & CH48110-1 FILTER. WASHED ENG. C-TACH. OPS. CHK. (GOOD) READY FOR SER. J.R. HARRIS - APP 1497121
				SUB-TOTALS this page
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12-9-03	829.8	829.8	—	BOTH MAGNETO'S REMOVED & SHIPPED TO MILLENIUM MAGNETO SER. MARTINSVILLE, IN FOR 500 HR INSP. REPL. POINTS BOTH MAGS. REINSTALLED ON ENB. PERFORMANCE GOOD READY FOR ADDITIONAL SER. W/O'S 1206, 1208. J.R. Herron—A&P 1497121

N8614Y 03-04-04 RH ENGINE TACH 861.11 TT 4779.11 TSMOH 861.11

PERFORMED COMPRESSION CHECK AS FOLLOWS: #1 74/80 #2 74/80 #3 74/80 #4 77/80. INSPECTED AIR FILTER. CLEANED AND GAPPED SPARK PLUGS. CHECKED MAG POINTS & MAG TIMING. CLEANED INJECTOR SCREEN. CLEANED INJECTOR NOZZLES. INSPECTED EXHAUST SYSTEM, INDUCTION SYSTEM, ALTERNATE AIR, IGNITION HARNESS, OIL COOLER, & ENGINE BREATHER. INSPECTED ENGINE MOUNTS. CHECKED CONDITION OF ACCESSORIES. WASHED ENGINE. PERFORMED ENGINE OPERATIONAL CHECK. INSTALLED NEW INDUCTION HOSE. COMPLIED WITH THE FOLLOWING AD'S: 2002-26-01 BY INSPECTION.

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

ROBERT A. WEBER *Robert A. Weber* AP2001550

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MANUEL S. WEBER *Manuel S. Weber* AP515661251IA

N8614Y

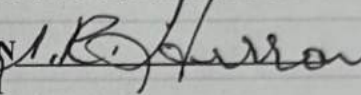
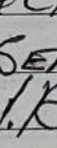
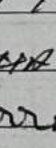
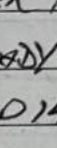
4-4-05 RT. ENG. TACH.= 1013.71 ENG. PREPARED FOR INSP. COMPRESSION CHKED. COLD. #1= 80/67, #2= 80/67, #3= 80/67, #4= 80/69 CHGED. OIL 7 QTS AEROSHELL 15W50, & CH48110-1 INSP. AIR FILTER, CLEANED, GAPPED PLUGS, CHKED. MAGS & TIMING, CLEANED INJECTORS WITH ACETONE SOLUTION. EXH. SYSTEM CHKED, FOUND OK. CHKED. ACCESSORIES FOUND ALL OK. WASHED ENG. OPS. CHECK GOOD. C/W AD 2002-26-01 BY. INSPECTION. I CERTIFY THIS ENG. HAS BEEN INSP. I/A/W A 100 HR. INSP. & FOUND AIRWORTHY. READY FOR CONTINUED SER.

CHAD MOSER *Chad Moser*  
A&P 503900588IA

T.R. HERRON *T.R. Herron*  
A&P 1497121

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				TOTALS brought forward from previous page
				N8614Y 05/02/05 RT. TACH= 1022.55 REPLACED ALL FOUR LORD MOUNTS TO ENG WITH NEW UNITS OPS. CHECK GOOD. INSTALLED & TORQUED PER PIPER SER. MANUAL, READY FOR SERVICE.  T.R. HERRON  A&P 1497121
8-11-05	1057.21	1057.21		CHANGED OIL, 70TS AEROSHELL 15WSD & CN-48110-1 FILTER. PER PIPER SER. MANUAL. READY FOR CONT. SEC.  J.R. Herron A&P 1497121
3-13-06	1122.23	1122.23		AD 2006-03-08 (AERO ADVANTAGE VALVE PUMP) IS N/A, AIRBORNE DRY PUMP INSTALLED. NO FURTHER ACTION REQUIRED.  J.R. Herron A&P 1497121
3-13-06	1122.23	1122.23		AD 2005-26-10 - N/A, ECI CYLS NOT ON ENG. LVC. NITRIDED CYLS INST.  J.R. Herron A&P 1497121
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	1145	1145		TOTALS brought forward from previous page
	TT 5063			
				Date <u>5-13-06</u> AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 <u>SMITH 1145</u> Repair Station FAA Approved <u>VF4R594M</u> TAC <u>1145</u> Total Time <u>5063</u> I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2006-9</u> AD list back of log book. For details work order # <u>A 567</u> Bill Turley Signature <u>[Signature]</u> Inspector Rating

## Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

DATE: 5/14/06

N8614Y

RIGHT ENGINE

TACH: 1145

WO A 567

1. ANNUAL INSPECTION COMPLETED
2. COMP TEST 80 PSI 1.74 2.74 3.74 4.74
3. CHANGED OIL AND FILTER SERV. WITH 8 QTS 15W50 OIL.
4. RESET IDLE AND MIXTURE SPEED TO SPECS
5. INSTALL NEW FLOW DIVIDER BRASS FITTINGS
6. AD02-26-1 C/W BY INSPECTION
7. INSTALLED NEW FUEL AND OIL HOSES
8. INSTALLED 4 NEW REM38E SPARK PLUGS
9. INSTALLED ENGINE CONTROL SAFETY CLIPS

10. REPAIRED OIL COOLER MOUNTING BRACKET
11. REPLACED ALTERNATOR MOUNTING BOLTS
12. INSTALLED NEW HIGH TEMP ENGINE BAFFLING MATERIAL
13. INSTALLED NEW AIR FILTER
14. REPLACED ALTERNATOR BRUSHES
15. INSTALLED NEW ALTERNATE AIR DOOR HINGE
16. REPLACED 3 VALVE COVER GASKETS
17. REPLACED 3 VALVE COVER GASKETS
18. RUN UP AND TEST FLIGHT NORMAL

8-20-06	1185.49	1185.49	CHANGED OIL, 7 QTS. AEROSHELL 15W50 & CHAMPION CH-48110-1 FILTER. VISUAL INSP. OF ENGR. (GOOD, RUNUP (GOOD, READY FOR SER. J. R. Turley 1497121
11-10-06	1239.68	1239.68	CHANGED OIL 7 QTS. AEROSHELL 15W50 & CH-48110-1 FILTER. INSP. OF ENGR. OK, READY FOR FURTHER SER. J. R. Turley 1497121
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		RT. TACH		TOTALS brought forward from previous page
8-15-07		1343.83		CHGED. OIL 7 QTS. AEROSHELL 15W50 & CH 48110-1 FILTER. CLEANED & GAPPED LOWER SPARK PLUGS WASHED ACCESSORY CASE SECTION. READY FOR FURTHER SERVICE J.R. Hurran AEP 1497121
		RT. TACH		
12-14-07		1391.24		CLEANED INJECTORS, CLEANED & GAPPED SPARK PLUGS. CHGED. OIL, 7 QTS. AEROSHELL 15W50 & CH 48110-1 FILTER. (TND RND) ENG. OPS. CHK GOOD. READY FOR FURTHER SERVICE. J.R. Hurran AEP 1497121
411 TAC 1439				
TT 5357				
SMOH 1439				



### Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

DATE: 6/20/2008 TACH: 1440  
N8614Y RIGHT ENGINE WO# A 6823

- 1 ANNUAL INSPECTION COMPLETE
- 2 COMP TEST 80 PSI. 1.76 2.76 3.76 4.76
- 3 CHANGE OIL & FILTER. SERVICE w/8 QTS 15W50
- 4 INSTALL NEW AIR FILTER
- 5 INSTALL OVERHAUL PROPELLER
- 6 INSTALL NEW ALTERNATOR BELT
- 7 INSTALL OVERHAUL ALTERNATE AIR BOX ASSEMBLY
- 8 INSTALL 1 NEW VALVE GASKET
- 9 INSTALL 4 NEW REM40E SPARK PLUGS
- 10 RUN UP AND FLIGHT TEST NORMAL



### Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport  
Bartow Florida 33830  
863.533.1870 FAA VF4R594M

#### ANNUAL STATEMENT

Date 6/30/08 SMOH 1439  
TAC 1439 Total Time 5357  
I certify that this ENGINE has been inspected in  
accordance with an ANNUAL inspection and has  
been determined to be in airworthy condition.  
AD'S thru Card 2008-11 AD list back of log  
book. For details work order # A 6823  
Bill Turley Signature #VF4R594M Inspector Rating

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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10-15-08			1474.77	CHANGED OIL, 7 QTS. AEROSHELL 15W50 & CH48110-1 FILTER, VISUAL INSP. GOOD, READY FOR FURTHER SER. J.R. Hurran H#P 1497121
3-23-09			1524.54	CHANGED OIL, 7 QTS. AEROSHELL 15W50 & CH48110-1 FILTER, VISUAL/INSP. GOOD. READY FOR SER. J.R. Hurran H#P 1497121
		1543.53	1543.53	
7-1-09	1573.53	1573.53		100 HR. INSP. COMPLETED THIS DATE PER PIPER INSP. REPORT 111-1 Comp. CHK. H1=89/16 H2=89/16 H3=80/18 H4=80/17. CHANGED OIL, 7 QTS. AEROSHELL 15W50 DISPERSANT & CH48110-1 FILTER, CLEANED INTAKE, INST. NEW KEM 38E SPARK PLUGS, AIR CHARGE PROP. & LOBED PER CHART INST. NEW INDUCTION AIR FILTER. I CERTIFY THIS ENG. WAS INSP. PER 100 HR. INSP. FOUND AIRWORTHY & READY FOR CONT. SER. J.R. Hurran H#P 1497121
10-13-09			1433.71	CHANGED OIL, 7 QTS. AEROSHELL 15W50 & CH48110-1 FILTER. VISUAL INSP. GOOD, READY FOR CONT. SERVICE J.R. Hurran H#P 1497121
3-30-10			1677.88	CHANGED OIL, 7 QTS. AEROSHELL 15W50 & CH48110-1 FILTER, VISUAL INSP. GOOD, READY FOR CONT. SER. J.R. Hurran H#P 1497121
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RT. TACH

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8-3-10			1722.94	A 100 HR. INSP. COMPLETED THIS DATE, PER PIPER INSP. REPORT 111-1. COMP CHC. = #1-80/76 #2-80/76 #3-80/76 #4-80/76. CHG'D. OIL, 7 QTS. AEROSHELL 15W50 SAE 50 DISPERANT & 48110-1 FILTER INSP & CLEANED INJECTORS AS NEEDED. CLEANED, GAPPED, ROTATED, PLUGS. CHG'D. AIR CH. IN PROPS (OK) INDUCTION FILTER CHK'D. OK, I CERTIFY THIS ENG. WAS INSP. I/A/W A 100 HR. INSP. FOUND AIRWORTHY & READY FOR CONT. SER. J.R. Newman ADP 1497121
8-2-10			1722.94	AD NOTE 2009-2-3 C/W ON INJECTION SERVO. TAKE PRESSURES INSTALLED. THIS IS TERMINATING WORK J.R. Newman ADP 1497121
12-3-10			1777.81	CHG'D. OIL 7 QTS. AEROSHELL 15W50 & CH 48110-1 FILTER, CLEANED & GAPPED ALL SPARK PLUGS, CLEANED INJECTORS, INSTALLED NEW #4 CYL. STACK ASSY PA23884-14 PER PIPER SER. MAN. RUNUP & CHC. GOOD, READY FOR CONT. SER. J.R. Newman ADP 1497121
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4-20-71			1808.58	CHG'D. OIL, 7 QTS ARDSHELL 100 PLUS SAE 50 & ARCAH 8110- NOTE: CHANGE FILTER (TEMPEST) VISUAL IN OIL TYPE THIS INSP. OK ENGR. GOOD, READY FOR CONT. SER. J.R. Hurran AIP 1497121
10-11-71 (H)				
9-23-71			1834.12	A 100 HK. INSP. COMPLETED THIS DATE PER PIPE INSP. REPORT 111-1. COMP. CHECK, H1: 80% H2: 80% H3 & H4 REMOVED FOR LOW COMP. & SENT TO GANN AVIATION LAFAYETTE GA. FOR (W/O OOI) OVERHAUL. CYLO. HAVE NEW PISTONS, NEW VALVES, RINGS & HOLWE. & GASKETS. STRAIGHT MINERAL OIL CRANKCASE, NEW INDUCTION AIR FILTER. INSTALLED. TEMPEST AA 48110-2 OIL FILTER I CERTIFY THIS ENGR. WAS INSP. I/A/W A 100 HK. INSP. & IS AIRWORTHY & READY FOR CONTINUED SERVICE J.R. Hurran AIP 1497121 NOTE: A SET OF NEW UREM 88E SPARK PLUGS INSTALLED AT INSP. J.R. Hurran AIP 1497121
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K.T. TACH

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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11-28-11			1861.84	CHGED. OIL, 7 DTS. OF AEROSHELL 100W PLUS SAE50 & TEMPEST OIL FILTER AA4840-2 REPL. INOP. VACUUM PUMP W/ TEMPEST MODEL 216 <sup>SW</sup> S/N ILL63609 CPS. CHECK GOOD. READY FOR CONTINUED SER. J.R. Huron AEP 1497121
4-2-12			1881.00	REF. LYC. SB 599 & HARTZELL TECHNOLOGIES SB NO. 045, ZOLF, FUEL PUMP INSP. & RECALL IS NA AT THIS TIME, PER TABLE "A" LYC. SB 599 & HET SB 045- IN PRESENT CONFIGURATION - NO FURTHER ACTION NEEDED AT THIS TIME & DATE. --- J.R. Huron AEP 1497121
5-30-12			1898.84	CHANGED OIL, 7 DTS OF AEROSHELL 100W PLUS, SAE50 WT. & REPL. OIL FILTER, TEMPEST AA4840-2 & SAFETIED. READY FOR CONT. SERVICE - END J.R. Huron AEP 1497121
5-30-12			1898.84	REPLACED ALL SPARK PLUGS W/ TEMPEST PN. UREM38 & FINE WIRE. READY FOR SERVICE J.R. Huron AEP 1497121
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6-6-12			1899.18	REPLACED RT. MAG. W/ NEW UNIT. SN OFF=96020006, SN ON=12030384, MODEL 4330. PER PIPER SER. MANUAL. OPS. CHK. GOOD, READY FOR SERVICE. J.R. Hurran AWP 1497121
10-19-12			1941.38	A 100 HR. INSP. COMPLETED PER PIPER INSP. REPORT 111-1, COMPRESSION CHK= #1=80/78 #2=80/76 #3=80/78 #4=80/78. CHANGED OIL, 7 QTS. AEROSHELL 100W PLUS SAE 50 TEMPEST OIL FILTER AA-4811D-2. REPL. INDUCTION AIR FILTER, BRACKET BA-105, THIS INSP. CLEANED, GAPPED, ROTATED SPARK PLUGS. I CERTIFY THIS ENGR. WAS INSP. T/A/W A 100 HR INSP. & FOUND IN AN AIRWORTHY CONDITION & READY FOR CONT. SER. J.R. Hurran AWP 1497121
3-17-13			1983.25	CHANGED OIL, 7 QTS. AEROSHELL 100 PLUS, SAE 50. REPLACED OIL FILTER CH 4811D-1 CHAMPION. VISUAL INSP. GOOD. READY FOR CONT. SER. J.R. Hurran AWP 1497121
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	TOTAL	TOTAL	TACH OR
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: WORK PERFORMED—  
 O. OF PERSON PERFORMING WORK

### Phil Aircraft & Leasing Corp

3948 Aviation Circle

Atlanta, Georgia 30336

Phone: 404-691-3330/ Fax: 678-539-6283

FAA Repair Station ESER686D



Date: 4/25/2013; Aircraft: N8614Y; Type: PIPER PA30; S/N: 30-1754; Total Time: 1996.41; Engine -

Type: , S/N: , Time: , Prop - Type: , S/N: , Work Done At - Airframe Time: 1996.41

Shop Order #: MAI-13-01598

Discrepancy: 1

Removed defective starter P/N MZ4220, S/N 6040031 from right engine. Installed new starter P/N 149NLR, S/N FNR-411218 IAW Sky Tech Partners Drawing No. 25001, Rev. F. Operated starter through 3 engine starts with no defects noted.

Discrepancy: 999

999\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE  
IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH  
CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND  
IS APPROVED FOR RETURN TO SERVICE.

SIGNED:  FOR CRS# ESER686D

FMA - PMA

149-NLR

This tag certifies that Sky-Tec Model No. 149-NLR  
was manufactured new on 16 Oct 2012  
Serial No. FNR-411218  
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement  
No. 7 per CFR14 Part 21 in accordance with Sky-Tec's  
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and  
conforms to the relevant FAA-approved drawings. This part has been  
determined to be airworthy.  
For installation eligibility see [www.skytecareir.com/eligibility.htm](http://www.skytecareir.com/eligibility.htm)  
Starter Installed on N B6147X by T.M.H. News  
(Aircraft) (Mechanic)

Form CCI108-1

				This Serial by STA No. FAA confir deter For in Start	Form
8-21-13		2042.14	CHANGED OIL, 7 QTS. MEROSHELL SAE 50 100 <sup>W</sup> PLUS & OIL FILTER CH48110-1 CHAMPION. VISUAL INSP. GOOD, READY FOR CONT. SER. J.R. Kuran HAP 1497121		
11-8-13		2043.74	A 100 HR. INSP Comp THIS DATE Comp Ck. #1 = 80/178 #2 = 80/178 #3 = 80/178 #4 = 80/178 INSP. PER PIPER INSP. REPORT 11-6 CLEANED, TAPPED PLUGS, I CERTIFY THIS ENG WAS INSP I/A/A A 100 HR. INSP & FOUND AIRWORTHY, J.R. Kuran HAP 1497121		
			SUB-TOTALS this page		
			TOTALS—Carry forward to next page		



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11-14-18			2070.05	CHANGED OIL, 7 QTS AEROSHELL 100W PLUS & CH48110-1 CHAMPION FILTER. VISUAL INSP. GOOD. READY FOR CONT. SER. J.R. <del>Sumner</del> ADP 1497121
4-16-14			2117.21	CHANGED OIL, 7 QTS. AEROSHELL 100 PLUS, SAE 50 & CH48110-1 FILTER. VISUAL INSP. GOOD. READY FOR CONT. SER. J.R. <del>Sumner</del> ADP 1497121
6-18-14			2142.11	CHANGED OIL, 7 QTS AEROSHELL 100 PLUS, SAE 50 & CHAMPION CH 48110-1 OIL FILTER. VISUAL INSP. GOOD, READY FOR CONT. SER. J.R. <del>Sumner</del> ADP 1497121
8-22-14			2190.75	CHANGED OIL 7 QTS. AEROSHELL 100 PLUS, & CH48110-1 FILTER. READY FOR CONT. SER. J.R. <del>Sumner</del> ADP 1497121
9-26-14			2205.10	CLEANED, GAPPED ALL SPARK PLUGS—INSP. INJECTORS—FOUND OK—COMP CHK. #1=80/76, #2=80/76, #3=80/78 #4=80/78. TIGHTENED & ADJUSTED AS NEEDED, READY FOR CONT. SER. J.R. <del>Sumner</del> ADP 1497121
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



1. Approving Civil Aviation Authority / Country: <b>FAA / UNITED STATES</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form tracking Number: <b>15-0233</b>
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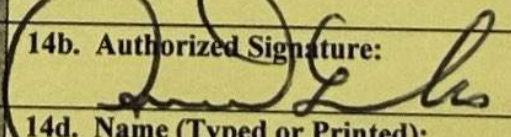
4. Organization Name and Address: <b>Sensenich Propeller Service, Inc.</b> <b>1245 Palmour Place, Suite A Gainesville, Ga. 30501-6862</b>	5. Work Order/Contract/Invoice Number: <b>G19702</b>
--	--

6. Item: <b>1</b>	7. Description: <b>Hartzell Governor</b>	8. Part Number: <b>F-6-3AL</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>A6107T</b>	11. Status/Work: <b>Overhaul</b>
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12. Remarks: Manuals: 130B R-16 & 202A. Comply with S/Bs Thru: 367, S/Ls Thru: 345, S/Is: Thru 212A, S/As: Thru 52. All work done in accordance with Hartzell Specifications. This 8130-3 certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.6252.

Governor TSN: **Brought Forward** Governor TSO: **-0-**

13a. Certifies the items above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return-to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
--	---

13b. Authorized Signature:	13c. Approval/Authorization No.	14b. Authorized Signature: 	14c. Approval/Certificate No.: <b>S46R346N</b>
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): <b>Daniel Landis</b>	14e. Date (dd/mm/yyyy): <b>01 Apr 2015</b>

**USER/INSTALLER RESPONSIBILITIES**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/articles(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			R.T. TACH	TOTALS brought forward from previous page
1/8/15			2245.60	A 100 HR. INSP. COMP. THIS DATE. REPL. CYL #1 & 2 WITH A NEW MAINT CYL #3 & 4 CONA CHECKED AT 80/78. 7 DTS. STRAIGHT MINERAL OIL SAE 50 ADDED. INSP. PER PIPER INSP. REPORT 111-1. CLEANED & GAPPED SPARK PLUGS. I CERTIFY THIS ENLG. WAS INSP. T/A IN A 100 HR. INSP. & FOUND IN AN AIRWORTHY COND. OTHER THAN CYLS 1 & 2 WHICH WERE REPL. J.R. HERRMAN AIP 1497121 NOTE: IN AIRCRAFT CORRECTED, ELSE OK J.R. HERRMAN AIP 1497121
3-9-15			2275.47	OIL CHG'D, OIL, 7 DTS OF 15 W50 AEROSHELL & CHAMPION CH48110-1 VISUAL INSP GOOD & READY FOR CONT. SERVICE. J.R. HERRMAN AIP 1497121
4-3-15			R.T. TACH 2277.44	INSTALLED OVERHAULED PROP GOVERNOR. RUN-UP CHECK GOOD. Mase Jan 3443456 JA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



Tach: 2325

JOSE SANTIAGO A  
156

[illegible]



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
FEB. 19, 12.			2419.94	A 100 HR. INSP. THIS DATE, COMP. CHKS #1=80/78, #2=80/79, #3=80/79, #4=80/79 CHGED. 012.7 QTS. OF PERO SHELL 15W50 & CH 48110-1 FILTER. BOTH MAGS SENT OUT FOR OIL SAME MAG. REINSTALLED & TIMED TO ENG. SPARK PLUGS CLEANED GAPPED & ROTATED TOP TO BOT. BOT. TO TOP. ALT. AIR BOX REM. & REPAIRED, REINSTALLED, W/NEW CONTROL CABLE INSTALLED, RIBBED CABLE TO CORRECT TRAVEL OPS. CHK GOOD. I CERTIFY THIS WAS INSP. I/AW A 100 HR. INSP. & IS AIRWORTHY & READY FOR CONT. SER. J.R. Luman A&P 14977121

## JET SERVICE CENTER CORP.

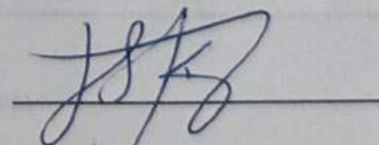
1020 NW 62 ST HANGAR 9  
FORT LAUDERDALE FL 33301.

Date: 05/22/2016.

Log Book Entry  
N8614Y PA-30  
RIGHT ENGINE TIME 2465.4

I CERTIFY THAT I PERFORMED OIL CHANGE, REMOVED AND INSTALLED A NEW OIL FILTER P/N: CH48110-1. SERVICING ENGINE WITH 6 QTS OIL 15W/50. PERFORMED RUN-UP FOR LEAK CHECK NO FOUND LEAK. REINSTALLED ENGINE COWLING. ALL WORK WAS PERFORMED I.A.W. MAINTENANCE MANUAL PA-30.

JOSE SANTIAGO A&amp;P 3416902





N8614Y

Manuf: Piper

PA-30

S/N: 30-1754

November 30, 2016

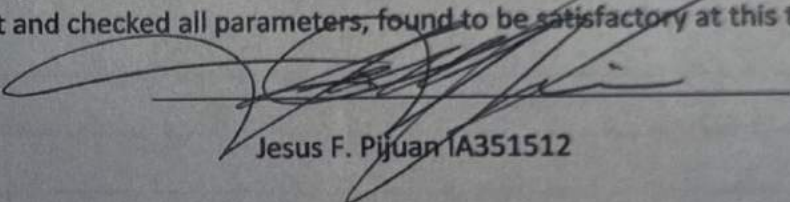
Tach: 2,544.92

Eng. Manuf: Textron Lycoming (RH)

Model: LIO-320-B1A

S/N: L-311-66A

Performed an oil change on the engine, replaced the oil with 6 quarts of Aero Shell W15W-50, replaced the oil filter with a new one, torqued to 18 ft-lbs, safety with 0.032 wire. cleaned the lower spark plugs on cylinders 2, 4. Reinstalled installed spark plugs with thread lube and torqued to 35 Ft-Lbs, Performed and inspection of all exhaust system for any abnormality, inspected the induction system, all fluid carrying lines, inspected the spark plug harness and electrical wiring for any abnormality. Found all to be satisfactory. Performed a run up test and checked all parameters, found to be satisfactory at this time.

  
 Jesus F. Pijuan IA351512

Make: PIPER

Reg. No: N8614Y

Date: 08/17/2017

Model: PA-30

S/N: 30-1754

Hobbs: 1,011.7

ATT: 2,583.01

RH. ENG. Lycoming

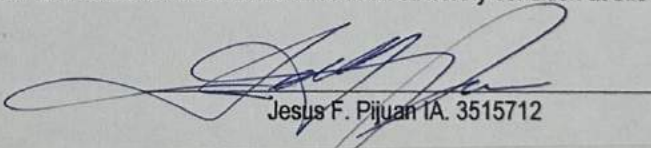
MOD: LIO-320-B1A

S/N: L-311-66A

TSMOH: 0

ETT: 2,583.01

Performed a 100 Hr. / Annual on the engine. Engine was overhauled by One Stop Aviation, Inc. RS: XR3R981L. The engine was installed by other. See log entry for the installation. Replaced the magnetos with new ones Slicks 4373. Replaced all spark plugs with new fine wire URHM38S, torqued to 35 ft-lbs, replaced the ignition harness with new p/n: M2508. Installed and secured. Serviced oil with 12 quarts of Aero Shell 100 mineral oil. Replaced the oil filter, cut open the old filter and found satisfactory. Performed a complete run test, checked all parameter found all to be satisfactory. Researched all ADs, SBs, SLs, SIs. See AD log. I certify that this engine has been inspected in accordance with a 100 Hr. / Annual inspection and has been determined to be in an airworthy condition at this time. —END—

  
 Jesus F. Pijuan IA. 3515712

## RIGHT ENGINE INSTALLATION ENTRY

N8614Y

Right Tach 2586.90

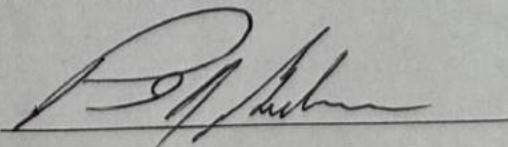
8/19/2017

HOBBS 1011.7

Installed LIO320-B1A s/n L-311-66A on the RIGHT position, 0 SMOH, TTSN 2583.01

Engine reinstalled on this airframe after Overhaul by One Stop Aviation. Motor mount NDT, and painted at PlaneXhaust w/o 18178 / 18179 / 17987, installed on AF with NEW Lord Mounts using new hardware at firewall and engine. Installed Exhaust system IRAN at PlaneXhaust w/o 18178, / 18179 / 17987 with new hardware. Installed NEW 4330 Magnetos #3 s/n 16100578, #4 s/n 16100580 and M-2508 harness. Installed 8 NEW URHM-38S Fine wire spark plugs. C/W AD 2015-19-07 Fuel Injector Lines, NEXT DUE Tach Time 2686.90. AD 2017-16-11 Lycoming Connecting rod bushings DOES NOT APPLY - Superior Air Parts parts installed per tel-con with Overhauler. Installed NEW OB exhaust hanger clamp. Installed 8 qts W-100 Mineral oil and CH48110-2 Filter, Ground run engine for 1.2 hours, changed oil and filter, Installed 8 qts W-100 Mineral oil and new filter, Set Idle speed, Mixture, and Prop Governor per TCDS. Test flown for 1.1 hrs. All temps and pressures within Spec. END. This ENGINE is approved for Return to Service at this time. END

Paul Gendron A&amp;P 3124630





DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON RECORDING WORK
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<i>He Time - 2586.90 (R)</i>				
				<i>07/12/17</i>
ENGINE CERTIFICATE				FAA Repair Station XR3R981L
<p>Major overhaul engine in accordance with manufacturers specification and current federal aviation regulations. All current airworthiness directives complied with at overhaul. Magnaflux and Zyglo inspection of appropriate parts. Work Order No. <u>29863</u> on file at One Stop Aviation, Oceanside; engine reassembled, test run, and OK to return to service.</p>				
<p>Model <u>L10-320-B1A</u> Serial No. <u>L-311-66A</u></p>				
<p>Authorized representative <u><i>Richard S.</i></u></p>				
<p><i>O'smoot</i> <i>H.</i></p>				

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.)			

## WARRANTY

All engines warranted against defect in material and workmanship to 240 hours or 12 months whichever occurs first, to include parts and labor. An additional pro-rated warranty to TBO will be based on a minimum of 40 hours per month usage. All parts and labor to be approved by One Stop Aviation prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.

ONE STOP AVIATION, INC.  
FAA Repair Station #XR3R981L  
3245 Production Ave., Ste D  
Oceanside, CA 92058-1340  
(760) 721-1389

WO:	29862
Qty	Item
4	SL69603 (INTAKE HOSE)
1	AA48110-2 (Oil Filter)
8	72198 (PLUG-PISTON PIN)
4	SL13790A (SHAFT, ROCKER VALVE)
8	SL12892 (THRUST BUTTON ROCKER SHAFT)
1	SL75072 (GEAR ASSEMBLY)
1	SL61544 (PLUNGER)
1	STD-2168 (IDLER GEAR NUT)
8	SL72877. (LIFTER REGRND/EXCH)
1	LW18840 (CAMSHAFT REGRND OUTRIGHT)
1	72082 (CRANKCASE OVH/EXCH BY DIVCO)
4	SLR75906 (ROCKER COVER GASKET SILICONE)
4	MS13998-3 (EX ROTOR CAP)
1	2524335-10 (FUEL SERVO EXCH FOR OVH BY DIVCO)
1	2524232-2 (FLOW DIVIDER EXCH FOR OVH BY DIVCO)
1	AF15473 (FUEL PUMP-NEW)
4	SL74230A+ (GUIDE VALVE EXH)
4	SL61681A+ (GUIDE VALVE INT)
4	SL72057A+ (SEAT INT)
1	SL72058A+ (SEAT EXH)
8	SL31C-12 P03 (EXH STUD)

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TOTALS—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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12/21/2017

N8614Y

Lycoming LIO-320-B1A S/N: L-311-66A

R/H Engine Logbook

Tach Hours: 2594.11 :: Engine SMOH: 7.21

- 1 Changed oil and filter. Serviced with 8 quarts of Aeroshell W100 Straight Mineral Oil and CH48110-1 filter. Disassembled filter and inspected for contamination. No defects noted.
2. Installed powder coated Airforms engine baffle set - AF23807-12, AF23860-00, AF23789-00, AF23907-00, AF23907-07, AF23849-04, AF23854-00, AF23864-00, AF23977-09, AF23866-04 IAW AMM & manufacturer installation instructions.
3. Repaired, re-routed and secured EGT & CHT wiring harness IAW AMM & manufacturer instructions. Ops checked good.
4. Installed new #4 cylinder EGT probe P/N: MM-111 IAW AMM & manufacturer installation instructions. Ops checked good.
5. Installed new alternator belt P/N: 37A19773-382 IAW AMM.
6. Completed 500 hour inspection on alternator. Replaced brushes and cooling fan. All IAW AMM & manufacturer instructions.
7. Adjusted Idle and mixture IAW AMM. Ops checked good.
8. Adjusted Oil Pressure to within required limits IAW AMM.
9. Removed and replaced alternator power wire and both field wires with new shielded wiring IAW AMM.
10. Removed 75amp/60VDC alternator noise filter and replaced it with FAA/PMA approved 70amp/50VDC EMI-RFI noise filter IAW AMM & manufacturer instructions.
11. Removed & Replaced alternator cooling duct IAW AMM.
12. Removed & Replaced fuel supply line to fuel spider (manifold) IAW AMM.
13. Re-routed & secured engine ignition system wiring IAW AMM.
14. Retorqued & re-secured oil fill tube IAW AMM.
15. Removed, repaired, replaced brackets P/N: 25246-00 & 25246-000 & re-installed alternate air box IAW AMM. Ops checked good.
16. Removed & replaced alternate air control cable IAW AMM. Ops checked good.
17. Retorqued all exhaust manifold flange mount nuts IAW AMM.
18. Installed propeller governor lock washers IAW AMM.
19. Removed & replaced both engine fuel drains with new "AN" 90 degree elbow and straight nipple IAW AMM.
20. Removed & replaced R/H magneto to engine gasket IAW AMM.
21. Removed & replaced fuel pump to engine gasket IAW AMM.
22. Re-routed starter power wire IAW AMM.
23. Installed lock washers onto fuel servo mount studs IAW AMM.
24. Rigged/adjusted fuel mixture control to required stops IAW AMM.
25. Engine Ops & Leak Checked Good.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000038.

Signed \_\_\_\_\_

Steve L. Pelfrey A&amp;P 3601725

1/8/2018

N8614Y

Lycoming LIO-320-B1A S/N: L-311-66A

R/H Engine Logbook

Tach Hours: 2604.31

Removed & replaced Oil Pressure Relief Valve (P/N: 77808), 11/16" dia Relief Valve Ball (P/N: 1028B) & Spring (P/N: 68668) IAW AMM. Leak & Ops Checked Good.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000047.

Signed \_\_\_\_\_

Justin T. Blocker A&amp;P: 3353842

1/24/2018 N8614Y (N8614Y - R/H) Lycoming LIO-320-B1A S/N: L-311-66A R/H Engine Logbook

Tach Hours: ~~2604.31~~ 2624.31 :: Engine SMOH: ~~37.52~~ 37.41

Performed oil and filter change IAW the manufacturers maintenance manual. Installed 8 quarts of Phillips 20W-50 XC Oil and CH48110-1 oil filter. Washed engine, run up and checked for leaks. Disassembled filter and inspected for contamination. No defects noted.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Pertinent details of the repair(s) are on file at the Phoenix Air General Aviation Maintenance Facility under work order # 0000048.

Signed \_\_\_\_\_

Steve L. Pelfrey A&amp;P 3601725

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Phoenix Air Group, Inc. - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

Lycoming, LIO-320-B1A, S/N: L-311-66A

November 12, 2018

Tach: 2665.47

SMOH: 78.57

1. Complied with annual inspection & all maintenance IAW manufacturers maintenance manual & inspection procedures.
2. Compression check @ 80 psi. 1) 76, 2) 76, 3) 76, 4) 77. Master orifice @ 44. No defects noted.
3. Changed oil & filter. Serviced with 8 quarts of Phillips X/C Aviation 20W-50 oil and CH48110-1 filter. Disassembled filter and inspected for contamination. No defects noted.
4. Removed, cleaned, inspected, gapped, tested, rotated & reinstalled spark plugs. No defects noted.
5. Removed, cleaned, inspected & reinstalled fuel nozzles. No defects noted.
6. Removed & Replaced Brackett induction filter (BA-10). Installed (1) BA-10 - Filter, Induction.
7. Magneto timing for this engine should be 25.0 degrees BTDC. Found L/H @ 25.0 & R/H @ 25.0 degrees BTDC. No adjustment needed.
8. Engine ops & leak checked good.
9. Washed engine & cowling.
10. Installed New #4 Exhaust Gasket I/A/W Piper PA-30 Service Manual Section 8. Installed (1) 77611 - No Blow Gasket.
11. Installed R/H Alternator Wiring Adel Clamp I/A/W Piper PA-30 Service Manual Section 6.
12. C/W AD 2015-19-07 IAW Lycoming Engine MSB No. 342G dated 06/16/2013, Supplement No. 1 dated 08/29/2013, & Supplement No. 2 dated 01/23/2014. No Defects Noted. Next Inspection due @ 2765.47
13. Removed & Replaced # 4 EGT Probe (Electronics International P/N:P-110) IAW Piper PA-30 AMM 77-20-00. Ops Checked Good. Installed (1) 10-01591 - EGT Probe.
14. Installed New R/H Engine #4 Cylinder Intake Gasket I/A/W Lycoming Direct Drive Overhaul Manual Section 6. Leak Checked Good. Installed (1) SL71973 - Gasket, Intake.
15. Removed Fuel Servo RSA-5AD1 (P/N: 2524335-10, S/N: 20599) & Fuel Flow Divider (P/N: 2524232-2, S/N: AA594). Sent For Warranty Repair By AVStar Fuel Systems. Received & Installed Repaired Fuel Servo and Tested Fuel Flow Divider I/A/W Piper PA-30 Service Manual Section 8. Ops & leak checked good.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc. - General Aviation Maintenance Division under work order: PGAM0124.

Steve Pelfrey A&amp;P / IA 3601725



Phoenix Air Group, Inc. - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

Lycoming, LIO-320-B1A, S/N: L-311-66A

November 30, 2018

Tach: 2676.09

SMOH: 89.19

1. Adjusted R/H Oil Pressure Regulator I/A/W Piper Service Manual Section 8.


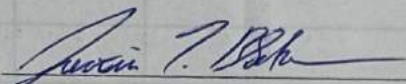

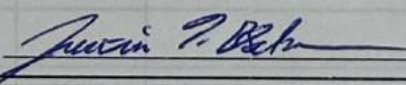
I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc. - General Aviation Maintenance Division under work order: PGAM0145.

Justin Blocker A&amp;P 3353842


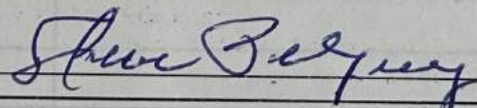

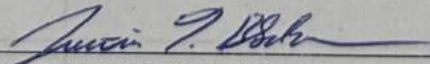
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<div style="text-align: right;">Engine R - page 1 of 1</div> <div style="text-align: center;">  </div> <div style="text-align: center;">           Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134         </div>				
	wo: PGAM0198			
	<b>N8614Y</b> Tach: 2719.3	<b>Lycoming, LIO-320-B1A, S/N: L-311-66A</b> SMOH: 132.4	<b>April 23, 2019</b>	
1. Changed Oil & Oil Filter. Inspected Oil Filter and screen for metal and or contamination (No defects noted). Engine Ops & Leak Checked Good. I/A/W Twin Comanche PA-30 MM Section 2. Installed (8) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL, Installed (1) CH48110-1 - Oil Filter, Installed (1) MS35769-21 - Crush Gasket.				
I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0198.				
Justin Blocker A&P 3353842 				
<div style="text-align: right;">Engine R - page 1 of 1</div> <div style="text-align: center;">  </div> <div style="text-align: center;">           Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134         </div>				
	wo: PGAM0227			
	<b>N8614Y</b> Tach: 2769.37	<b>Lycoming, LIO-320-B1A, S/N: L-311-66A</b> SMOH: 182.47	<b>October 8, 2019</b>	
1. Changed Oil and Oil Filter. Inspected Oil Filter and Screen. No Contamination found. Added Oil I/A/W Piper PA-30 MM Section 2. Leak, and Run Checks Good. Installed (8) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL, Installed (1) MS35769-21 - Crush Gasket, Installed (1) CH48110-1 - Oil Filter.				
I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0227.				
Justin Blocker A&P 3353842 				
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
<div style="display: flex; justify-content: space-between;"> <span>wo: PGAM0229</span> <span>Engine R - page 1 of 1</span> </div> <div style="text-align: center;">  </div> <div style="text-align: center; font-size: small;">             Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134           </div> <div style="display: flex; justify-content: space-between;"> <div> <b>N8614Y</b>              Tach: 2769.37           </div> <div> <b>Lycoming, LIO-320-B1A, S/N: L-311-66A</b>              SMOH: 182.47           </div> <div> <b>December 20, 2019</b> </div> </div> <ol style="list-style-type: none"> <li>Completed an Annual Engine Inspection &amp; All Maintenance I/A/W CFR 43 Appendix D and Manufacturers Maintenance Manual &amp; Inspection Procedures Installed (1) MS35769-21 - Crush Gasket.</li> <li>Compression check @ 80 psi. 1) 74, 2) 72, 3) 74, 4) 74.</li> <li>Changed oil &amp; filter. Serviced with 8 quarts of Phillips 66 SAE 20W-50 and CH48110-1 filter. Disassembled filter and inspected for contamination. No defects noted. Installed (8) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL, Installed (1) 08-07097-1 - CamGuard 1 Pint, Installed (1) 08-07097-1 - CamGuard 1 Pint, Installed (1) CH48110-1 - Oil Filter.</li> <li>Removed, cleaned, inspected, gapped, tested, rotated &amp; reinstalled spark plugs. No defects noted.</li> <li>Removed, cleaned, inspected &amp; reinstalled fuel nozzles. No defects noted.</li> <li>Inspected/Replaced Brackett induction filter (BA10). Installed (1) BA-10 - Air Filter.</li> <li>Magneto timing for this engine should be 25.0 degrees BTDC. Found L/H @ 25.0 &amp; R/H @ 25.0 degrees BTDC. No adjustment needed.</li> <li>Engine ops &amp; leak checked good.</li> <li>Washed engine &amp; cowling.</li> <li>C/W R/H Engine Fuel Fuel Injection Lines Inspection per AD 2015-19-07 I/A/W Lycoming Engines MSB No. 342G dated 06/16/2013, Supplement No. 1 dated 08/29/2013, &amp; Supplement No. 2 dated 01/23/2014. No Defects Noted.</li> </ol> <p>I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0229.</p> <div style="display: flex; justify-content: space-between;"> <span>Steve Pelfrey A&amp;P / IA 3601725</span>  </div>												
<div style="display: flex; justify-content: space-between;"> <span>wo: PGAM0255</span> <span>Engine R - page 1 of 1</span> </div> <div style="text-align: center;">  </div> <div style="text-align: center; font-size: small;">             Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134           </div> <div style="display: flex; justify-content: space-between;"> <div> <b>N8614Y</b>              Tach: 2789.52           </div> <div> <b>Lycoming, LIO-320-B1A, S/N: L-311-66A</b>              SMOH: 202.62           </div> <div> <b>February 22, 2020</b> </div> </div> <ol style="list-style-type: none"> <li>Removed R/H Engine Fuel Nozzles Cleaned, Inspected and Reinstalled I/A/W Piper PA-30 Service Manual Section 8. Ops and Leak Checks Good. Torqued Fuel Nozzles to 60 In./Lbs. Using Torque Wrench ID#: 0577 Expiration Date: July 24, 2020.</li> <li>Removed R/H Fuel Servo P/N: RSA-5AD1 S/N: 20599 and Installed P/N: RSA-5AD1 S/N: 70222605. Adjusted Mixture and Throttle Idle. I/A/W Piper PA-30 Service Manual Section 8. Ops and Leak Checks Good.</li> <li>R/H Engine Compression Check @ 80 psi. after Final Runs 1) 79 2) 79 3) 79 4) 79. No Defects Noted.</li> <li>Removed R/H Engine Spark Plugs for Compression Checks and Reinstalled I/A/W Piper PA-30 Service Manual Section 8. Torqued Spark Plugs to 35 FT./Lbs. Using Torque Wrench ID#: 1587 Expiration Date: Sep. 4, 2020.</li> </ol> <p>I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0255.</p> <div style="display: flex; justify-content: space-between;"> <span>Justin Blocker A&amp;P 3353842</span>  </div>												
<table border="1" style="width: 100%;"> <tr> <td style="width: 25%; height: 20px;"></td> <td style="width: 25%; height: 20px;"></td> <td style="width: 25%; height: 20px;"></td> <td style="width: 25%; height: 20px;"></td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>												<b>SUB-TOTALS</b> this page  <b>TOTALS</b> —Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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wo: PGAM0244

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Phoenix Air Group, Inc - General Aviation Maintenance Division · 155 Highway 61 SW · Cartersville, GA 30120 · 770-387-2000 ext 134

**N8614Y**

Tach: 2812.01

**Lycoming, LIO-320-B1A, S/N: L-311-66A**  
SMOH: 225.11**May 22, 2020**

1. Removed, Cleaned and Inspected Spark Plugs. Found #4 Bottom Plug Damaged. Installed New #4 Bottom Spark Plug and Reinstalled Remaining Plugs. I/A/W Piper PA-30 Service Manual Section 7. Ops And Run Checks Good. Installed (1) URHM38S - Spark Plug, Rev/Lot: na.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0244.

Justin Blocker A&amp;P 3353842

wo: PGAM0244

Engine R - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division · 155 Highway 61 SW · Cartersville, GA 30120 · 770-387-2000 ext 134

**N8614Y**

Tach: 2812.01

**Lycoming, LIO-320-B1A, S/N: L-311-66A**  
SMOH: 225.11**June 9, 2020**

1. Removed, Cleaned and Inspected Spark Plugs. Found #4 Bottom Plug Damaged. Installed New #4 Bottom Spark Plug and Reinstalled Remaining Plugs. I/A/W Piper PA-30 Service Manual Section 7. Ops And Run Checks Good. Installed (1) URHM38S - Spark Plug, Rev/Lot: na.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0244.

Timothy Mullins A&amp;P 3718516

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wo: PGAM0254

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Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y****Lycoming, LIO-320-B1A, S/N: L-311-66A****June 9, 2020**

Tach: 2814.7

SMOH: 227.8

1. Completed R/H Engine 50 Hour Inspection I/A/W Piper PA-30 Service Manual Section 3. Performed aircraft operational & functional check. Inspected engine cowling for cracks, distortion & loose or missing fasteners. Changed Oil (7 Qts Phillips 20W-50) & Oil Filter (CH48110-1). Inspected Oil Filter for metal and or contamination (No defects noted). Removed, cleaned, gapped, tested, rotated & reinstalled spark plugs. (Torque Wrench PHO1832)(420 In/Lbs). Inspected and cleaned Induction Air Filter (Donaldson). Visual Inspection of oil lines & fittings, exhaust system, engine baffling & seals, air intake ducting, manifold hoses & clamps, cylinder base, magnetos & wiring, engine controls, compartment & mounts. Lubed engine controls. No Defects Noted. Engine Ops & Leak Checked Good. Installed (1) CH48110-1 - Oil Filter, Installed (1) MS35769-21 - Crush Gasket, Installed (7) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL.
2. C/W R/H Engine Oil Sample Installed (1) Oil Sample - Engine Oil Analysis.
3. R/H Engine Added CamGuard (1Pint) Installed (1) 08-07097-1 - CamGuard 1 Pint.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0254.

Rob Foster A&amp;P 3751969

wo: PGAM0257

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Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y****Lycoming, LIO-320-B1A, S/N: L-311-66A****June 16, 2020**

Tach: 2812.01

SMOH: 225.11

Lh tach: 2815.54

Rh tach: 2818.19

1. Inspected Fuel Injector Nozzles, Cleaned and Flow Checked I/A/W Piper PA-30 Service Manual Section 8. Torqued to 60 In./Lbs. Using Torque Wrench PHO577. No Defects Noted. Ops And Leak Check Good.
2. Removed P/N: 2524335-10 S/N: 70222405, Replaced R/H Fuel Servo, and Adjusted Fuel Idle Mixture and Idle RPM I/A/W PA30 MM Chapter 61. No Defects Noted. Torqued Mounting Hardware to 180 Inch/lbs Using Wrench PHO577. Leak and Ops check Good. Removed (1) 2524335-10 - Fuel Servo, S/N: 70222405, Installed (1) 2524335-10 - Fuel Servo, S/N: 720CLA01.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM0257.

Timothy Mullins A&amp;P 3718516

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wo: PGAM\_EMP\_0266

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Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

Tach: 2837.3

**Lycoming, LIO-320-B1A, S/N: L-311-66A**

SMOH: 250.4

Lh tach: 2834.7

**July 24, 2020**

Rh tach: 2837.3

1. Added 1/2 Quart Of 20W/50 To L/H Engine.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_0266.

Justin Blocker A&amp;P 3353842

wo: PGAM\_EMP\_0293

Engine R - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

tach: 2858.23

**Lycoming, LIO-320-B1A, S/N: L-311-66A**

SMOH: 271.33

LH Tach: 2855.71

**November 12, 2020**

RH Tach: 2858.23

1. Completed R/H Engine Oil Change. Drained Oil. Removed Oil Filter And Inspected For Contamination. Serviced Engine With 7 Quarts Of Phillips 20W/50-XC, 1 Pint Of Camguard, and a New Ch48110-1 Oil Filter I/A/W PA-30 Service Manual Section 8. Ops and Leak Good, No Defects Noted. Installed (1) Oil Sample - Engine Oil Analysis, Installed (1) CH48110-1 - Oil Filter, Installed (1) 08-07097-1 - CamGuard 1 Pint, Installed (7) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL, Installed (1) MS35769-21 - Crush Gasket, Rev/Lot: 30-19105.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_0293.

Kevin Southworth A&amp;P 3641207

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wo: PGAM\_EMP\_0298

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Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y****Lycoming, LIO-320-B1A, S/N: L-311-66A****December 16, 2020**

LH Tach: 2855.83

RH Tach: 2858.34

tach: 2858.34

SMOH: 271.44

1. C/W Engine Annual Inspection I/A/W CFR 43 Appendix D.
2. Compression check @ 80 psi. 1) 78, 2) 76, 3) 78, 4) 78. No Defects Noted.
3. Removed, Cleaned, Inspected, Gapped, Tested, Rotated & Re-installed Spark Plugs. Torqued Plugs (420 In./Lbs.) Wrench 1832. No Defects Noted.
4. Removed, Cleaned, Inspected & Re-installed Fuel Nozzles. Torqued To 60 In./ Lbs. Using Torque Wrench # PHO577. No Defects Noted.
5. Replaced R/H Engine Induction Air Filter P/N BA-10. Installed (1) BA-10 - Air Filter.
6. Magneto timing for this engine should be 25.0 degrees BTDC. Found L/H @ 25.0 & R/H @ 25.0 degrees BTDC. No adjustment needed.
7. Engine Ops & Leak Check Good.
8. Washed Engine & Cowling.
9. C/W AD 2015-19-07 By Inspecting Fuel Lines And Clamps I/A/W Lycoming SB No. 342G. No Defects Noted.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_0298.

Kevin Southworth A&amp;P / IA 3641207

wo: PGAM\_EMP\_337

Engine R - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y****Lycoming, LIO-320-B1A, S/N: L-311-66A****May 01, 2021**

LH Tach: 2885.0

RH Tach: 2887.6

tach: 2887.6

SMOH: 300.7

1. Completed 50 Hour Inspection R/H Engine IAW Piper PA-30 M/M, Section 2. Performed aircraft operational & functional check. Inspected engine cowling for cracks, distortion & loose or missing fasteners. Changed Oil 7 Qts Phillips 20W-50 and 1 pint camguard & Oil Filter CH48110-1 torqued using Torque wrench PHO0231. Inspected Oil Filter for metal and or contamination (No defects noted). Removed, cleaned, gapped, tested, rotated & reinstalled spark plugs torqued to 420 in lbs using torque wrench PHO2034. Inspected and cleaned Induction Air Filter (Donaldson). Visual Inspection of oil lines & fittings, exhaust system, engine baffling & seals, air intake ducting, manifold hoses & clamps, cylinder base, magnetos & wiring, engine controls, compartment & mounts. Lubed engine controls. No Defects Noted. Engine Ops & Leak Checked Good. Installed (7) P-2050-12 - PHILLIPS 66 X/C 20W-50 OIL, Installed (1) 08-07097-1 - CamGuard 1 Pint, Installed (1) Oil Sample - Engine Oil Analysis, Installed (1) MS35769-21 - Crush Gasket, Rev/Lot: 30-19105, Installed (1) CH48110-1 - Oil Filter.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_337.

Timothy Mullins A&amp;P 3718516

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DATE

TOTAL  
TIME  
IN  
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SINCE  
OVERHAULTACH OR  
RECORDING  
METER  
TIMEDESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

wo: PGAM\_EMP\_354



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Phoenix Air Group, Inc - General Aviation Maintenance Division - 155 Highway 61 SW - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

LH Tach: 2906.5

RH Tach: 2909.1

tach: 2909.1

September 02, 2021  
TTSN: 7041.51

1. Inspected And Tested #4 EGT Per Electronics International Installation Instructions. No Defects Noted. Operational Check Good.
2. Removed And Replaced Cylinder #4 CHT On R/H Engine Per Electronics International Installation Instructions. Ops Check Good. Installed P/N P-100 - EI CHT Probe.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_354.

Christopher Swearingen Powerplant 4434676

wo: PGAM\_EMP\_373



Engine R - page 1 of 1

Phoenix Air Group, Inc - General Aviation Maintenance Division - 171 Highway 61 SE - Cartersville, GA 30120 - 770-387-2000 ext 134

N8614Y

LH Tach: 2914.9

Lycoming, LIO-320-B1A, S/N: L-311-66A

RH Tach: 2917.41

tach: 2917.41

December 27, 2021  
SMOH: 330.51

1. C/W R/H Engine Annual Inspection I/A/W CFR 43 Appendix D.
2. Compression check @ 80 psi. 1) 76, 2) 78, 3) 78, 4) 78. No defects noted.
3. Changed R/H Engine oil & filter. Serviced with 7 quarts of Phillips 20W50XC oil, 1 Pint Of Cam-guard, and CH48110-1 filter Using PHO996 @17 Ft./Lbs. Disassembled filter and inspected for contamination. No defects noted. Installed P/N Oil Sample - Engine Oil Analysis, Installed P/N CH48110-1 - Oil Filter, Installed P/N MS35769-21 - Crush Gasket, Rev/Lot: 30-19105, Installed (7) P/N P-SAE20W-50 - PHILLIPS 66 X/C 20W-50 OIL, Installed P/N 08-07097-1 - CamGuard 1 Pint.
4. Removed, cleaned, inspected, gapped, tested, rotated & reinstalled spark plugs Using Torque Wrench PHO2034 @420 In./Lbs. No defects noted.
5. Removed, cleaned, inspected & reinstalled fuel nozzles. Torqued To 60 In/Lbs Wrench Pho577 No defects noted.
6. Inspected/Replaced Brackett induction filter (BA-10). Installed P/N BA-10 - Air Filter.
7. Magneto timing for this engine should be 25.0 degrees BTDC. Found L/H @ 25.0 & R/H @ 25.0 degrees BTDC. No adjustment needed.
8. Engine ops & leak checked good.
9. Washed engine & cowling.
10. Removed And Replaced R/H Engine Oil Filter Housing Gasket. Torqued Hardware Using Torque Wrench PHO1588 To 100 In./Lbs I/A/W Lycoming Overhaul Manual Section 5. Ops And Leak Check Good. No Defects Noted. Installed P/N 06B23862 - Gasket.
11. Tightened Oil Return Line Band Clamps As Required. Leak Check Good. No Defects Noted.
12. Removed And Replaced #1 Cylinder Exhaust Gasket And Torqued Exhaust Using PHO2034 @220 In./Lbs. I/A/W Lycoming Overhaul Manual Section 8. No Defects Noted. Ops Check Good. Re-torqued Exhaust Gasket After Run Checks. Installed P/N 77611 - No Blow Gasket, Installed (2) P/N STD-1410 - Exhaust Nut.
13. Removed And Replaced #2 Cylinder Exhaust Gasket And Torqued Exhaust Using PHO2034 @220 In./Lbs. I/A/W Lycoming Overhaul Manual Section 8. No Defects Noted. Ops Check Good. Re-torqued Exhaust Gasket After Run Checks. Installed P/N 77611 - No Blow Gasket, Installed (2) P/N STD-1410 - Exhaust Nut.
14. C/W AD 2015-19-07 I/A/W Lycoming Engines MSB No.342G.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_373.

Steve Pelfrey A&amp;P / IA 3601725





DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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wo: PGAM\_EMP\_378

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Phoenix Air Group, Inc - General Aviation Maintenance Division - 171 Highway 61 SE - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

LH Tach: 2915.51

**Lycoming, LIO-320-B1A, S/N: L-311-66A**

RH Tach: 2917.95

tach: 2917.95

**January 31, 2022**

SMOH: 331.05

Added 2 Quarts Oil to R/H Engine I/A/W Piper PA30 AMM Section 2. Ops Checks Good. No Defects Noted. Installed (2) P/N P-SAE20W-50 - PHILLIPS 66 X/C 20W-50 OIL.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_378.

Timothy Mullins A&amp;P 3718516

wo: PGAM\_EMP\_424

Engine R - page 1 of 1



Phoenix Air Group, Inc - General Aviation Maintenance Division - 171 Highway 61 SE - Cartersville, GA 30120 - 770-387-2000 ext 134

**N8614Y**

LH Tach: 2935.21

**Lycoming, LIO-320-B1A, S/N: L-311-66A**

RH Tach: 2937.47

tach: 2937.47

**September 09, 2022**

SMOH: 350.57

1. Completed R/H Engine Oil Change. Drained Oil. Removed Oil Filter And Inspected For Contamination. Serviced Engine With 7 Quarts Of Phillips 20W/50-XC, 1 Pint Of Camguard, and a New Ch48110-1 Oil Filter Torqued To 17 Ft/Lbs Using Wrench PHO2031. Work Done I/A/W PA-30 Service Manual Section 8. Ops and Leak Check Good, No Defects Noted. Installed P/N 08-07097-1 - CamGuard 1 Pint, Installed P/N Oil Sample - Engine Oil Analysis, Installed (8) P/N P-SAE20W-50 - PHILLIPS 66 X/C 20W-50 OIL, Installed P/N AA48110-2 - Oil Filter, Installed P/N MS35769-21 - Crush Gasket Rev/Lot: 30-19105.
2. Checked Idle And Mixture Settings I/A/W Piper Comanche PA-30 Service Manual Section 8. No Adjustments Made. Ops Check Good. No Defects Noted.

I certify that all inspections, maintenance and/or repairs listed above have been completed in accordance with current Federal Aviation Administration regulations, and is approved for return to service. Details of work performed are on file with Phoenix Air Group, Inc - General Aviation Maintenance Division under work order: PGAM\_EMP\_424.

Rob Foster A&amp;P 3751969

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