

09/19/98 ENGINE INSTALLED IN N3082W

DATE  
19\_\_

RECORDING  
TACH  
TIME

TT 3243.54 TACH 3514.43 SMOH -0-

Complied with AD 96-09-10 - new oil pump gear  
Complied with AD 95-26-13 - New oil cooler hoses  
Complied with AD 77-23-03 - Carb. rod end bearing  
Installed Westach EGT and CHT System.

All ADs current through this date.

Engine unpickled and serviced. New oil filter,  
mineral oil 50W Aeroshell for break-in.

Engine run-up - Checked OK.

I certify this engine has been inspected IAW  
an annual Inspection and found to be in  
airworthy condition.

3243.54 TT

Bill Bjo  
AP - 455807765 - IA

ERATIONS  
TE NUMBER OF  
CIFIC ENTRIES.)

DATE RECORDING TACH TODAY'S TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
19\_\_ TIME FLIGHT TIME IN SERVICE  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

11/21/98

Tach Time 3531.54

Removed engine driven fuel pump becuase of fuel leak.  
Replaced with overhauled AC/Lycoming Fuel Pump.

Engine run-up - Checked OK. No Leaks.

Aircraft returned to service. See Yellow Tag Attached.

Bill Bjo  
AP - 455807765 - IA

2-13-99 Ed 3554.43 Changed oil & Filter. Filled with 8 qts 20W50 chrom  
aviation oil. Test run & checked for leaks, none noted  
Mervil Shelley

DATE 1999	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-1-99	3593.51			changed oil & Filter. Filled with 8qts chevron 20W 50 aviation oil. OPS checked. checked for leaks. none noted. Returned A/C to service. Merrill H. Shelley A#P 478442134
9-21-99	Tach 3599.9 SMOH 85.47			Removed & cleaned spark Plugs, checked. Comp. as follows # 1 = $\frac{64}{80}$ # 2 = $\frac{72}{80}$ # 3 = $\frac{78}{80}$ # 4 = $\frac{76}{80}$ inspected engine for leaks & worn parts. none found I have inspected this Engine IAW a 100hr insp. & found it to be airworthy Merrill H. Shelley A#P 478442134
9/22/99	Tach 3599.9 SMOH 85.47			Defound an heard isochron IAW. All AD in copies This date. Used Paper Super Blend and Applied D as Guidelines and checklist. Merrill H. Shelley assisted in turn for IA. I certify this engine has been inspected IAW an Annual inspection and was found to be in an Airworthy Condition - B. H. P. A#P 478442134

DATE 1999	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-22-99	3611.13			Removed factory Prestolite starter motor & replaced with Sky-Jec. new FAA/PMA Light weight starter motor. Performance test good. Shows good improvement in turning engine over. Installation done IAW SKY-JEC Inst. instructions. See attached Tag in back of Book Merrill H. Shelley A#P 478442134
11-30-99	3613.29			Changed oil & filter & serviced with 8qts chevron 20W 50 aviation oil. OPS checked for leaks. none found. Returned Air- craft to service Merrill H. Shelley A#P 478442134
6-14-2000	Tach 3654.79			Changed oil & Filter. Filled with 8qts chevron 20W 50 aviation oil. ran Engine. Checked for leaks none found. Returned Aircraft to service Merrill H. Shelley A#P 478442134



DATE 2000	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-17	3680.48			Performed 100 Hr this date. Removed all spark Plugs. cleaned & rotated. checked comp. as follows - #1 $\frac{78}{80}$ #2 $\frac{77}{80}$ #3 $\frac{67}{80}$ #4 $\frac{76}{80}$ inspected entire engine Comp. for worn Parts, loose connections Etc. Tested Battery, Ign. switch OPS checked good. Checked mag timing I have inspected this Engine IAW a 100hr log. & have found it to be in an Airworthy Cond. Merrill H. Shelley A&P 478442134
10/18	3680.48			Inspected an Airtight injector IAW Pym Serving manual will do's correct them this date: I Certify this engine has been inspected IAW an annual inspection and was found to be in Airworthy condition Bill Byn A&P 453007765-1A
SMOH	16605			

DATE 2000	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-10	3687.06			Changed oil & Filter. filled crank case with 8qts chevron 20W 50 aviation oil. OPS checked for leaks none noted Merrill H. Shelley A&P 478442134
7-25-01	3719.29			Removed faulty Vacuum Pump 211CC & replaced with overhauled Airborne Pump P/N 211CC S/N 4298. Blew out Vac Lines & changed filters. OPS checked good & returned A/C to service. (see work order in Back) Merrill H. Shelley of Book A&P 478442134
9-26-01	3724.73			Changed oil & Filter. Filled with 8qts chevron 20W 50 aviation oil. Ran engine OPS checks for leaks none noted Merrill H. Shelley A&P 498-442134



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2021				
11-20-01	3730.33		TSMOH 216.33	Completed 100 hr. inspection this date. Removed cowlings & spark plugs. Compression checked as follows: #1 $\frac{73}{80}$ #2 $\frac{76}{80}$ #3 $\frac{73}{80}$ #4 $\frac{69}{80}$ checked engine compartment. Installed new induction air filter checked & adjusted mag timing. checked ignition switch Per AD. All ADs complied with through this date. I certify I have inspected this engine IAW a 100 hr inspection & found it to be in an Airworthy Cond. Merrill B. Shelley A#P 478442134
11/20/2021	2730.33		TSMOH 216.33	I certify this ENGINE has been inspected IAW an ANNDAL requirement and was found to be in AIRWORTHY Condition. Bill Bzp AP4558077651A

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				
4-17-02	3772.59			Changed oil & filter. Serviced with 8 qts 20W- 50 chevron aviation oil. Test ran engine + OPS checked for leaks. None noted Merrill B. Shelley A#P 478442134
11-18-02	3809.13			100 hr. insp, completed this date. Removed all spark plugs & cleaned & gapped & rotated. checked compression as follows #1 $\frac{76}{80}$ #2 $\frac{75}{80}$ #3 $\frac{66}{80}$ #4 $\frac{74}{80}$ . changed oil & filter. Serviced with 8 qts 20W 50 chevron aviation oil. checked ignition switch. checked muffler & all hoses & cable ends. All work done IAW Piper service manual & approved check list. I certify this engine has been inspected IAW a 100 hr. insp. and found to be in an Airworthy Cond. Merrill B. Shelley A#P 478442134



DATE 19__	RECORDING TACH TIME	<del>SUB</del> TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-18-02	3809.13	245.13	3358.67	"I Certify this ENGINE has been inspected IAW an ANNUAL inspection and was found to be in AIRWORTHY condition." Bill Bp AB 45580765 IA
11-23-03	3848.94	SMOH - 334.94		Removed engine cowlings for 100 hr inspection. Removed all spark plugs, cleaned & rotated. Checked engine compression as follows: #1 $\frac{75}{80}$ #2 $\frac{74}{80}$ #3 $\frac{71}{80}$ #4 $\frac{73}{80}$ changed oil & filter. Serviced with 8 quarts 20W 50 chevron aviation oil. checked mag groundings Bendix ignition switch checked exhaust system. Carb. linkages, baffling checked mag. timing. All work done IAW Piper & Lycoming service manuals & approved check list. I certify I have inspected this engine IAW a 100 hr inspection & found it to be in an Airworthy Cond. Merrell H. Shelley A/P 478442134

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/24/03	3848.94	334.94	4540.4	"I Certify this Engine has been inspected & found in Airworthy condition and was found to be in Airworthy Condition." Bill Bp AD 45580765 IA
12-02-04	3883.40	SMOH - 369.40		Removed engine cowlings, spinners back Plate for Prop. removal. Sent Prop to Millennium Propeller system for overhaul. See Paper work with logs. changed oil & filter serviced with 8 qts 20 W 50 chevron oil. Removed all spark Plugs & cleaned and rotated. checked oil screen for metal. none noted, checked compression as follows #1 $\frac{74}{80}$ #2 $\frac{74}{80}$ #3 $\frac{74}{80}$ #4 $\frac{76}{80}$ changed #1 & #3 exhaust gaskets with new. checked mag. timing carb. linkages & lubed moving Ports as nec. checked mag. groundings & Bendix switch. All A/Ds complied with those this date. I certify this engine has been inspected IAW a 100 hr inspection & found to be in an Airworthy Cond. Merrell H. Shelley A/P 478442134



DATE 2004	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			Date 12/05/2004 Piper PA28-140 N38082W Lyc O-320-E2A	Tach Time: 3883.40 SMOH 39.40-314.4 SN: L-17602-27A Performed an ANNUAL inspection using a checklist IAW FAR 43 Appendix D and mfg. service manual. All AD's in compliance thru this date. See AD compliance worksheet. "I certify this ENGINE has been inspected IAW an ANNUAL inspection and was found to be in AIRWORTHY condition. Bill Biggs AP 455807765 IA

12-14-06	3906.8			Removed engine cowlings, removed all spark plugs, cleaned & gapped. Checked compressions as follows #1 $\frac{116}{80}$ #2 $\frac{116}{80}$ #3 $\frac{71}{80}$ #4 $\frac{72}{80}$ rotated plugs re-installed. checked all fluid carrying hoses & fittings. checked exhaust gasbites & ex system. OPS checked good. checked air induction filter. checked nav. & landing lights. OPS checked good. checked alternator belt & brackets. checked all linkages & lubed Engine compartment as nec. jacked tanks & gascolator OPS checked good. All AD's complied with thru this date. Work Performed using Piper service manual. Approved check list 43 Appendix D (over)
SMOH	392.8			

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-14-06	3906.8			I certify this engine has been inspected IAW a 100 hr. inspection and was found to be in an Airworthy Condition Merrill B. Shelley AP 478442134
	392.87			



DATE 1P	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Date 12/17/2006 Piper PA28-140 N38082W Lyc O-320-E2A</p> <p>Tach Time: 3906.8 Total Time: 3635.91 SMOH 392.37 SN: L-17602-27A</p> <p>Performed an ANNUAL inspection using a checklist IAW FAR 43 Appendix D and mfg. service manual. All AD's in compliance thru this date. See AD compliance worksheet.</p> <p>"I certify this ENGINE has been inspected IAW an ANNUAL inspection and was found to be in AIRWORTHY condition.</p> <p><i>Bill Biggs</i> Bill Biggs AP 455807765 1A</p>

DATE 1P	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2008 4/10	3921.2		3654.3	<p>SMOH 406.8</p> <p>Cowlings removed for inspection. Ran compression as follows #1 26 #2 26 #3 63 #4 22 test was ran cold. checked + cleared Plugs. Checked all linkages + lubed as nec. checked all hoses + fittings. checked exhaust system, exhaust + intake gaskets OPS checked good. checked Alternator + belt. Swapped fuel system + wings Work done IAW Piper service manual, approved checklist + For 43 app D. All ADs in compliance thru this date.</p> <p>I certify this Engine has been inspected IAW a 100 hr insp. and was found to be in an Airworthy condition</p> <p><i>Merrill H. Biggs</i> A-P 408442134</p>



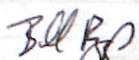
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Date 4/10/2008 Piper PA28-140 N38082W Lyc O-320-E2A</p> <p>Tach Time: 3921.2 Total Time: 3654.3 SMOH 406.8 SN: L-17602-27A</p> <p>Performed an ANNUAL inspection using a checklist IAW FAR 43 Appendix D and mfg. service manual. All AD's in compliance thru this date. See AD compliance worksheet.</p> <p>"I certify this ENGINE has been inspected IAW an ANNUAL inspection and was found to be in AIRWORTHY condition.</p> <p><i>Bill Biggs</i> Bill Biggs AP 455807765 IA</p>

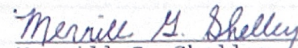
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/7	3944.3			
SMOH	428.9 429.9			<p>Decoupled engine for inspection. Compressions = #1 <math>\frac{28}{80}</math> #2 <math>\frac{27}{80}</math> #3 <math>\frac{28}{80}</math> #4 <math>\frac{25}{80}</math>. Plugs cleaned &amp; checked.</p> <p>Lubed engine controls &amp; linkages as nec. Checked oil cooler hoses for flexibility. Checked Exhaust &amp; intake systems. Checked mag. timing. OPS ✓ good. Drained &amp; cleaned fuel filter &amp; sumped tanks. Checked air induction filter. OPS ✓ good. Brake fluid checked. All work done IAW Piper service manual, an approved check list &amp; FAR 43 app. D all AD's in compliance thru this Date.</p> <p>I certify this engine has been inspected IAW 2 100 hr. inspection and was found to be in Airworthy condition.</p> <p><i>Mervin H. Shelley</i> AIP 478442134</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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Date 3/8/2010 Tach Time: 3953.6
				Piper PA28-140 Total Time: 3686.7
				N38082W SMOH 439.2
				Lyc O-320-E2A SN: L-17602-27A
				Performed an ANNUAL inspection using a checklist IAW FAR 43 Appendix D and mfg. service manual. All AD's in compliance thru this date. See AD compliance worksheet.
				"I certify this ENGINE has been inspected IAW an ANNUAL inspection and was found to be in AIRWORTHY condition.
				 Bill Biggs AP 455807765 1A

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				6-17-2010 Tach 3967
				Trouble shot charging system. Found faulty overvoltage relay. Replaced with Zeftronics OVR PNV1510A using manufacturer's installation instructions. Test ran engine. Charging system OPS checked good. Aircraft returned to service.
				 Merrill G. Shelley A&P 478442134

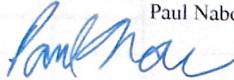


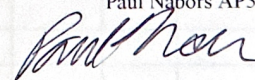








DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>9 MAY 2015 TT 4124.28 TSMO 609.88</p> <p>Air filter changed, BA 3. Differential pressures: (1) 76/80, (2) 78/80, (3) 70/80, (4) 74/80. Mag timing checked. I certify this engine and propeller has been inspected in accordance with a 100 hr inspection per Pa 28 inspection guide and found airworthy.</p> <p>Paul Nabors AP3225963IA</p> 
5-29-15	4124.8			New Spark (8) Tempest URMH40E's put in by owner, replacing the old Auburn ER-400, HSR-88 spark plugs. Owner: Blair Phares Cert. 3214560
11-9-15	4140.7			Replaced Oil Filter (Tempest 42111) and changed oil with Phillips 20W50. 8 qt's. Blair Phares, Owner, Cert #3214560

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>1 JUN 2016 <sup>18.5</sup> TT 4160.20 TSMO 645.8</p> <p>Mag timing checked. Differential pressures: (1) 78/80, (2) 78/80, (3) 70/80, (4) 78/80. I certify this engine and propeller has been inspected in accordance with a 100 hr inspection per Pa 28 inspection guide and found airworthy.</p> <p>Paul Nabors AP3225963IA</p> 
5-20-17	4205.1		44.9 <sup>hrs</sup> 1/16	Replaced Oil Filter (Tempest AH48110-2) and changed oil with Phillips 20W50, 8 qt's. Air Filter BA3 Bracket Aero BA-3 Element BA104. Blair Phares, Owner, Cert. 3214560



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 MECHANIC OR REPAIRMAN. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

07 JUN 2017 TT 4205.1 TS 690.7  
Mag timing checked. Differential pressures: (1) 75/80,  
(2) 79/80, (3) 65/80, (4) 79/80. I certify this engine and  
propeller has been inspected in accordance with an  
100 hr inspection per Pa28 inspection guide and found  
airworthy.

Paul Nabors AP32259631A

*[Signature]*

Note!

Engine Removed @ tach time  
4222.67, TSMOH-708.24, Prop  
N3082W.

01/15/2019 Tach 4954.34 TSMO 690.7  
Changed oil and filter. Timed mags. Cleaned gas filters  
and screens. New Spark Plugs. Differential Pressures (1)75/80 (2)74/80 (3)69/80 (4)72/80.  
Slick Magneto 4373 was rebuilt by Aircraft Magneto Service and the Slick magneto 4370 was  
purchased new from Aircraft Spruce. The Marvel/Schebler MA-4SPA carburetor was  
overhauled by Kelly aerospace. I certify that this power plant has been inspected I.A.W an  
annual inspection checklist and was found to be airworthy.

*James A Bergman*  
A#P1820260 IA

DATE  
19\_\_

Cylinder Mfg. Lycoming Model 0-320 Class Ref. 4  
Sale Order No. 19-10296 Note: \_\_\_\_\_

Cylinder Bore Type: ☒ Steel / Nitride ☐ Channel Chrome  
☐ Nickel Carbide ☐ Cermet Chrome

I certify that the work performed to the component(s) identified above was repaired and  
inspected in accordance with current regulations of the FAA and is approved for return to  
service.

Details are on file at this agency under WO # \_\_\_\_\_ Date 9-24-19

Certification No. A#P3740512 Signed: *Michael Russell*

11/20/19 Tach/Time: 5028.61  
Change oil & filter. Serviced with 8 qts of  
KC20W50 oil and a CH48 110 filter.  
Charles Schandelmeier, IA3575997

7/23/20 Tach/Time: 5169.37  
Change oil & filter. Serviced with 8 qts of  
KC20W50 oil and a CH48 110 filter.  
Charles Schandelmeier, IA3575997

Avian Aeronautics, Inc.  
SERVICEABLE REPAIR



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

2/6/2020 T-5060.5 ETT-4057.94 TSMOH-814.4  
100 hour Inspection  
Compression Test-73, 72, 71, 71/80

Removed all sparkplugs, clean inspect gap and reinstall all sparkplugs. Changed oil and filter. Serviced with 8 quarts of Phillips XC 20w50 oil and a 48110-1 filter. Checked magneto timing to 25 degrees. Remove washer from the oil pressure regulator. Replaced engine air filter, PN-BA104. Check all belts, hoses, and engine mount for condition and wear. Inspected intake and exhaust systems. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine is returned to service. Charles Schandelmeier, IA3575997

I CERTIFY THAT THIS Engine HAS  
BEEN INSPECTED IN ACCORDANCE WITH A  
100hr/100hr INSPECTION AND WAS FOUND  
TO BE IN AIRWORTHY CONDITION.

4/3/20 Tach/ETT: 5093.79  
Change oil & filter. Serviced with 8 qts of  
XC 20w50 oil and a CH48 110 filter.  
Charles Schandelmeier, IA3575997

5/8/20 Tach/ETT: 5126.78  
Change oil & filter. Serviced with 7 qts of  
XC 20w50 oil and a CH48 110 filter.  
Charles Schandelmeier, IA3575997

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				7/27/20 Tach/ETT: 5169.37 Change oil & filter. Serviced with 8 qts of XC 20w50 oil and a CH48 110 filter. Charles Schandelmeier, IA3575997
				8/7/20 Tach/ETT: 5205.15 Change oil & filter. Serviced with 7 qts of XC 20w50 oil and a CH48 110 filter. Charles Schandelmeier, IA3575997
				8-7-2020 T-5205.15 Replaced broken impulse coupling spring in the left mag, PN-M917-10, function check was good. Charles Schandelmeier, IA3575997
				9/15/20 T-5244.49 Oil + filter change. T-5244.49 H-982.1 Brian Uretsky 4281913
				10/29/20 T-5242.63 Oil + filter change H-1039.8 " " "

















DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)
			1/17/2023 T-5844.32	<p>Replace the engine driven fuel pump, PN-LW15472, SN-11GT24 and electric fuel pump, PN- CA35328-800E, SN-12276. Ran engine and function check all affected systems. Leak check was good. This engine is returned to service. Charles Schandelmeier, IA3575997</p> 
			5/1/2023 T-5856.98 ETI-4854.42 TSMOH-1610.88	<p>Annual/100 Hr Inspection            Compression test-75, 78, 76, 74/80            Removed all sparkplugs inspect, clean, test and reinstall. Change oil and filter. Serviced with 8 quarts of Phillips XC 20w50 oil and a 48110 oil filter. Removed, inspected, cleaned and reinstalled oil suction screen. Checked magneto timing at 25 degrees. Cleaned and recoiled engine air filter. Check all belts, hoses, and engine mount. Inspected intake and exhaust systems. Ran engine to full power and checked all systems. All checks were normal. All work performed IAW FAR43, Appendix D and AC43.13 1B/2A and applicable maintenance manual. This engine is returned to service. This engine has been inspected IAW a 100HR/Annual Inspection and found to be in airworthy condition. Charles Schandelmeier, IA3575997</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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			wo: WO_1460	<p>Engine - page 1 of 1</p> <p align="center">            J&amp;G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182</p> <p><b>N5714U</b>                      <b>LYCOMING, O-320-E2A, S/N: L-17602-27A</b>                      <b>December 06, 2023</b></p> <p>tach: 5863.28</p> <ul style="list-style-type: none"> <li>Removed old vacuum pump and installed newly overhauled pump p/n: RAP215cc s/n: 206034. Ops check good. Details of work performed are on file with J&amp;G Aviation, LLC under work order: WO_1460</li> </ul> <p>Caleb Collins A&amp;P 4866530 </p>
			wo: WO_1510	<p>Engine - page 1 of 1</p> <p align="center">            J&amp;G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182</p> <p><b>N5714U</b>                      <b>LYCOMING, O-320-E2A, S/N: L-17602-27A</b>                      <b>January 25, 2024</b></p> <ul style="list-style-type: none"> <li>Drained oil, removed old oil filter, inspected filter, Installed (2) P/N Phillips 66 XC 20W50-Gal - Engine Oil, Installed P/N AA48110-2 - Oil Filter</li> <li>Removed, inspected, cleaned, and reinstalled oil screen with new P/N MS35769-21 - Crush Gasket.</li> <li>Performed leak and ops run, NDN</li> </ul> <p>Details of work performed are on file with J&amp;G Aviation, LLC under work order: WO_1510.</p> <p>Caleb Collins A&amp;P 4866530 </p>



wo: WO\_1541

Engine - page 1 of 1



J&amp;G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

N5714U

LYCOMING, O-320-E2A, S/N: L-17602-27A

March 12, 2024

TACH: 5951.27

- Drained oil. Installed new filter p/n: AA48110-2. Added 8 quarts of phillips XC 20w50. Inspected filter for metal, no discrepancies noted. Sent oil to Blackstone for analysis.

Details of work performed are on file with J&amp;G Aviation, LLC under work order: WO\_1541.

Caleb Collins A&amp;P 4866530

wo: WO\_1552

Engine - page 1 of 2



J&amp;G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

N5714U

LYCOMING, O-320-E2A, S/N: L-17602-27A

June 14, 2024

HOBBS: 1882.2  
TTE: 4958.46TACH: 5691.02  
TTP: 2135.92

TSMOH: 1714.92

TTAF: 5691.02

- Annual Inspection.
- Compressions: CYL1: 72/80. CYL2: 78/80. CYL3: 72/80: CYL4: 74/80.
- Serviced spark plugs. R/R gaskets p/n: M674.
- Pressure tested exhaust system. R/R gaskets p/n: SL77611, washers p/n: STD475 and STD35, and nuts p/n: STD1410. C/W ICA SA02168AT IAW STC by visual inspection and lubrication.
- Replaced CYL4 valve cover gasket p/n: SL75906.
- Secured primer line and fuel pressure indication line at CYL4 to prevent chafing.
- Secured hot air/carb heat cable to prevent from chafing.
- Reattached Alternator noise filter mount.
- Repositioned and secured primer line from chaffing on firewall.
- Removed magnetos for overhaul at QAA RH mag p/n: 4370 s/n: 14040231 under WO\_M119290 and LH mag p/n: 4373 s/n: 91050085 under WO\_M119300. Reinstalled with gasket p/n: SL12681 and timed IAW engine data.
- Repaired primer line at CYL2.

wo: WO\_1552

Engine - page 2 of 2



J&amp;G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

I certify this engine has been inspected IAW Annual Inspection and was found to be in Airworthy condition. Details of work performed are on file with J&G Aviation, LLC under work order: WO\_ WO\_1551 and WO\_1552.

James Scott Miller A&amp;P/IA 2704250

wo: WO\_1552

Propeller - page 1 of 1



J&amp;G Aviation, LLC - 3116 S Great SW PKwy - Grand Prairie, TEXAS 75052 - 817-881-5182

N5714U

SENENICH, 74DM6-0-60, S/N: A56727

June 14, 2024

HOBBS: 1882.2  
TTE: 4958.46TACH: 5691.02  
TTP: 2135.92

TSMOH: 1714.92

TTAF: 5691.02

I certify that this propeller was inspected in accordance with a Annual Inspection and was determined to be in an airworthy condition. Details of work performed are on file with J&G Aviation, LLC under work order: WO\_1552.

James Scott Miller A&amp;P/IA 2704250

Date 9/29/24

Time 6037-02

Change the oil and install a new filter. Check for leaks

Owner &amp; Pilot



