

**TEXTRON** Lycoming

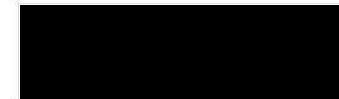
# ENGINE LOG

SSP1872

**TEXTRON Lycoming**

Williamsport Plant

Textron Lycoming/Subsidiary of Textron Inc.



# ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING

MAKE

MODEL

SERIAL

FROM \_\_\_\_\_ 19\_\_\_\_ TO \_\_\_\_\_ 19\_\_\_\_

DETAILING TIME FROM \_\_\_\_\_ TO \_\_\_\_\_  
HOURS HOURS

**SSP 1872**

**September 1987**

## **TEXTRON** Lycoming

Williamsport Plant

Textron Lycoming/Subsidiary of Textron Inc.

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled.

Engine Model: 0-320-E3D

Serial #: L-46554-27A

Date: 6/29/88

Total Time: 1945.45

Work Order #: A-10185

Signed

Textron Lycoming Service Center

Williamsport/Lycoming Co. Airport

Montoursville, PA 17754

Repair Station:

# ENGINE DESCRIPTION

Mfg. TEXTRON LYCOMING		Place Williamsport, PA 17701		Date
Type		Model		Serial No.
Rated H.P.		Max.H.P.		Weight (Dry)
Rated R.P.M.		Max. R.P.M.		Oil Pressure
Bore		Stroke		Displacement Cu. In.
Compression Ratio		Supercharger Ratio		
Reduction Gear Ratio				
Propeller		Hub Design		Hub Serial No.
Blade Design		Blade Serial No.		Blade Serial No.
Max. Hub H.P.		Max. Blade H.P.		
Pitch		Diameter		Length
Name				
Address				



## SERVICEABLE PART

Manufacturer **Textron Lycoming**.....

Part Name ..... **Engine**.....

Model ..... **0-320-E3D**.....

Part No. ....

Serial No. .... **L-46554-27A**.....

Remarks ..... **Major Overhaul**.....

The aircraft, airframe, propeller or appliance identified above was repaired-rebuilt and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service where pertinent details are on file.

Work Order ..... Date **6/29/88**

Signe .....

Textron Lycoming Service Center

REPAIR STATION

No. **0116**

Form 2085

Mfgr. Piper **SERVICEABLE**  
Component Bottom CARB HEAT  
Model PA 28-140  
Part # 63723-02

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. [REDACTED]

Date 11-2-00

Signed [REDACTED]

Aircraft Exhaust Systems, Inc.

FAA CERTIFICATED

REPAIR STATION NO. [REDACTED]

Mfgr. Piper **SERVICEABLE**  
Component CARB HEAT TOP  
Model PA 28-140  
Part # 63723-03

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. [REDACTED]

Date 11-2-00

Signed [REDACTED]

Aircraft Exhaust Systems, Inc.

FAA CERTIFICATED

REPAIR STATION NO. [REDACTED]

Mfgr. Piper **SERVICEABLE**  
Component R.P. STACK  
Model PA 28-140  
Part # 99044-04

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. [REDACTED]

Date 11-11-2000

Signed [REDACTED]

Aircraft Exhaust Systems, Inc.

FAA CERTIFICATED

REPAIR STATION NO. [REDACTED]

## ENGINE LOG SERIAL No.

[illegible]

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE 98	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-29-98			Engine Major Overhauled this date		
Tock 4236.2			28 Lycoming overhaul manual		
Eng T 2991.0			The Following has been accomplished		
			crankshaft reground MO10 crankcase rods		
SMO- 0			tappets sent to C&W Aircraft cylinders Ground		
			to FO10 by C&W Aircraft installed new Guides		
			& seats new Exhaust Valves & keepers crank-		
			shaft coated as Per 5B530 new Rod & main Brgs		
			Piston, Piston Rings Pins & Plugs replace		
K: TAL05K1942BS			Oil Pump gears AL-78109-AL18110 Cover		
	4/40		Page Total AD96-09-107		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

next Page

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Tack 4236.2			(Cont) installed rework crankshaft gear		91-1702
14230			per (58475) all new C&KT, Hoses & Seals		
			Overhauled both Mags Install new		
Tack 23			RHM-40E Plugs Pre oiled Engine w 89ts		
			80W Aeroshell WD Installed Engine on		
			Aircraft PA-28-140 N-4329T Serial 28-7225146		
			ground run 25. Locoming overhauls & Test run		
			procedures.		
Flight			Tested 1hr		
			Tack roads 4236.2		
			Engine 11 2991.8-0-smolt		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8-8-98	299	0	entry that this aircraft has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.		
8-20-98			Tack reads 4238.56 Flight test 1hr		
9-1-98			Change Oil & Filter 15/50 Aeroshell Tack reads 4243.66		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
01-16-99			Change Oil & Filter 15/50 Aeroshell		
			Tach reads 4267, 19		
10-13-99	42	9.2	I Certify This Engine Has		
			Been Inspected in Accordance With		
			A 100 Hr. Inspection 74 4289.20 53 H105m0H		
			[REDACTED]		
			A & P: [REDACTED]		
			Change Oil & Filter 8qt 15/50 Aeroshell		
			CH 43103 Champion Oil Filter next Page		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE		TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
		Hrs.	Min.			
		53	5:00H	cleaned & gap Plugs		
4-20-00	TACH	4324.77		CHANGED OIL AND OIL FILTER 15W-50. CHANGED OIL FILTER OLD FILTER CHECKED OK. C/W SET FIRE THERMOSTATIC BY PASS VALVE. INSPE. WASHED & RAN ENG NO LEAK NOTED AT THIS TIME, CH 48103 FILTER. APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED.	AP. [Signature]	
				Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
				Brought Forward		
				Total to Date		



## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-2-00	4	37	276 CHANGED OIL & FILTER. CHECKED FILTER-NO METAL FOUND. SERVICED WITH 8QTS 15W50 AEROSHELL A&P [redacted] TA.	[redacted]	[redacted]
6-14-00	4	37	541 C/W 100 HR INSP REQUIREMENTS OF PART 4.3 App D & LYCOMING SERVICE MANUAL. THIS ENGINE HAS BEEN DETERMINED TO BE SMOH. IN AIR WORTHY CONDITION AT THIS TIME. Comp #1-74 #2-65 #3-75 #4-70/80 A&P [redacted] R&R BA-3 Air Filter. A&P [redacted]	[redacted]	[redacted]
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-29-00			Replace Oil Dipstick Tube A+P		
			check for oil leaks OK		
9-7-00	4459	73	COMPRESSION CHECK - #1-74 #2-70 #3-76 #4-75/80 GAPPED & INSTALLED 8 NEW RHM 406 SPARK PLUGS, CHANGED OIL & CH48103 FILTER. SERVICED 8 QT AEROSHELL 100W. ALL AD'S CHECK FOR COMPLIANCE THRU 9-2000 A+P		
			I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH PART 43 APPENDIX D & LYCOMING SERVICE MANUAL 100 HR INSP REQUIREMENTS & DETERMINED TO BE AIRWORTHY AT THIS TIME		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

[illegible]

ENGINE LOG SERIAL No. L-46554-27A

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
01-31-01			BRAINED OIL, REMOVED FILTER, CHECKED FILTER FOR METAL		
4548.5			INSTALLED NEW CH48103 FILTER, SERVICED WITH 8 QTS.		
			AEROSHELL W 100. OPS CHECK FOR OIL PRESSURE & LEAKS.		
			OIL PRESS NORMAL NO LEAKS. [REDACTED] AEP [REDACTED]		
3-15-01	4552	57	Installed Both Ignition harnesses w/new		
			Skytronics FAA-PMA PN A2-5BS-11 units. Installed		
			New exhaust Flange Gasket on Cyl #1 Run-up OK.		
			[REDACTED] AEP [REDACTED] IA.		
6-29-01	4570	62	Installed overhauled Vacuum pump PN 211CC		
			SN 94843 In Accordance w/supplied instructions		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2001					
			From Rapco Inc. Run-up OK. Ser 8130-3 in		
			ACFT Records. [REDACTED] [REDACTED] 31A		
9-14-01			Tach 4579.14 warmed engine drained oil		
			Serviced w/7 Qts Aeroshell w/100 plus r		
			Champion CH48103 Filter. Cut + inspected		
			Filter - no metal found. Compression As Follows:		
			#1 $68\frac{1}{80}$ #2 $77\frac{1}{80}$ #3 $71\frac{1}{80}$ #4 $74\frac{1}{80}$ Cleaned Gapped &		
			Rotated plugs Replaced one RHM 40E. Replaced		
			2 Bracketts on Propeller Spinner Back plate		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Re-set MAG timing to 25° BTDC. Removed		
			MUFFLER due to detached Baffle, Replaced		
			with New Aircraft unit PN P1M0001		
			SA I4850-0001. Replaced oil cooler Hoses		
			with new TSO 53a type D Hoses complying		
			w/AD 95-26-13 And eliminating Repetitive		
			100hr inspections AD 00-18-53 N/A I certify		
			that this engine has been inspected IAW		
			An Annual inspection per FAR part 43		
			APP'D" And Lycoming Direct Drive Maint.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Manual And Found to Be Airworthy.		
			[REDACTED] ACP [REDACTED] IA		
10/27/01	45	46	Washed engine, Retorqued crankcase seam bolts, cleaned spark plugs. [REDACTED] ACP [REDACTED]		
1/09/02	46	49	Washed engine, Drained oil, Suced w/ 8 qts Aeroshell w/100 plus. Replaced Exh Gasket on #1 cyl torqued per Lycoming Direct Drive Maint Manual. Run-up & leak check ok. [REDACTED] ACP [REDACTED] IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

## ENGINE LOG SERIAL No. \_\_\_\_\_

[illegible]

LOG BOOK ENTRY N4329T TACH 4632.1 DATE 06-26-2002

CHANGED OIL AND FILTER, INSTALLED CH48103 FILTER WITH  
7 QUARTS AEROSHELL 100W PLUS, WASHED ENGINE, RUN UP  
AND LEAK CHECK OK -----

WILLIAM CASSEL A&amp;P

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

**All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.**



## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
02-02			<p>4642.37 This engine inspected per an Annual inspection per Lycoming Direct Drive Service manual. Warmed engine, Drained oil, serviced w/ 8 Qts Aeroshell w/100 plus + CH 48103 Filter. Compression: #1 <math>1\frac{3}{8}</math>" #2 <math>2\frac{7}{8}</math>" #3 <math>3\frac{7}{8}</math>" #4 <math>4\frac{3}{8}</math>" Replaced L. Mag with new Slick 4371 SN 01120168, inspected muffler, CG &amp; R spark plugs, suc'd Battery. I certify that this engine / prop has been inspected per an Annual inspection And Found to Be Airworthy.</p> <p>AP [Signature] IA</p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		



[Redacted]	
New Braunfels, TX 78154	(fax)
[Redacted]	

Log Book Entry

N4329T

H.M 442.5

Date: 06-23-03

Changed oil and filter; installed a new CH48103 filter and 8 qts. Shell 50 W.A.D.. Installed a new bolt in alternator support bracket and tightened belt; washed engine; ground ran engine – ops. checked O.K. [no leaks found]

Tom Schnell

AP [Redacted]

			Brought Forward
			Total to Date

of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

# ENGINE LOG

SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2003					
10/31/03			tach 4695.53 459.3 smooth this engine inspected 1 hr on Annual inspection per Lycoming Direct Drive Service Manual, Compression As Follows #1 7 $\frac{1}{8}$ " = 2 $\frac{7}{8}$ " = 3 $\frac{7}{8}$ " = 4 $\frac{1}{8}$ " removed #1 exhaust Risk Dressed Flange, cleaned engine exh Flange, replaced w/new Gasket 1 new stud & new nuts & washers. Adjusted carb heat cable Replaced Bracket Filter element w/new BA-3 C/W AD 95-26-13 para A1 & A2, para B due AT tach 5234 OK 5/2006 AD 2002-17-07 A/A		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG

## SERIAL No.

ENGINE LOG			SERIAL No.
DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS
	Hrs.	Min.	
			Run-up / leak check - OK I certify that this engine has been inspected in an annual inspection and found to be satisfactory.
8-9-04	4716	56	Warmed engine, drained oil, Sued w/ 7 qts. Delashell w/ 100 Plus. Filled Blake Reservoir. Serviced All LG. struts installed new Champion CH 48103 Filter. Replaced water pump.
	480.33		
	56.14		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Brought Forward			
Total to Date			

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE		TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
		Hrs.	Min.			
2004						
11-9	4731	0		<p>warmed engine compression test as follows: #1 <math>\frac{68}{80}</math> #2 <math>\frac{72}{80}</math> #3 <math>\frac{78}{80}</math> #4 <math>\frac{78}{80}</math> cleaned Gapped + Rotated Spark plugs as Req'd checked/lubed All engine controls. checked Alternator Belt tension. I certify that this engine has been inspected IAW An Annual inspection and found to be Adworthy.</p> <p>[Redacted] App [Redacted] IA</p>		
8-15-05	4774	83		<p>warmed engine, changed oil SDC'd w/ 7 qts Aelashell w/100 plus + CH 48 103-1 Filter.</p>		
				Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
				Brought Forward		
				Total to Date		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Made Minor Repair to Muffled Heat Shield.		
			washed engine. [redacted] App [redacted] IA		
12-3-05	47	57	549.34 SMOM. Compression AS follows #1 180		
			#2 64/80 #3 72/80 #4 78/80 cleaned, Gapped &		
			Rotated spark plugs. checked & lubed All engine		
			controls I certify that this engine Has Been		
			inspected IAW An Annual inspection And Found		
			to Be Airworthy [redacted] App [redacted] IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Log Book Entry N4329T Engine H/M612 Tach 4821.91

Date 12-30-06

Performed an annual inspection I/A/W Far 43 Appendix D. Checked compression; 1=62/80 2=67/80 3=68/80 4=70/80. Changed oil and installed a new filter CH 48103-1, serviced with Aeroshell 15W50; opened old filter; checked for any F.O.D. -none found; installed new spark plugs ( RHM40E); installed a new induction air filter BA-3; retorqued all rocker box cover screws; saftied fuel pump bolts; saftied alternator tension bolt; checked and cleaned carb. Fuel screen; drained carb. Bowl -no trash found; washed engine; ground ran; checked o.k. AD's checked thru revision date 12-28-06. I certify that this engine has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell

IA

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

Log Book Entry N4329T Prop. HM. 612 Tach 4821.91 Date 12-30-06

Performed an annual inspection I/A/W Far 43 Appendix D. Removed spinner; checked for any cracks; dressed blades; painted blades. AD's checked thru revision date 12-28-06. I certify that this Prop. has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell IA

Log Book Entry N4329T Prop. HM. 657.2 Tach 4860.65 Date 1-14-08

Performed an annual inspection I/A/W Far 43 Appendix D. Removed spinner; checked for any cracks; dressed blades; painted blades. AD's checked to date. I certify that this Prop. has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell IA

Total to Date

and Certificate Number MUST be Shown.



13 2/13  
= Performed an annual inspection I/A/W Far 43 Appendix D. Checked compression; 1=70/80 2=70/80 3=72/80 4=74/80. Changed oil and installed an new filter CH 48103-1, serviced with  
: Aeroshellw-100; opened old filter; checked for any F.O.D. -none found; cleaned and gapped  
· spark plugs; installed a new induction air filter BA-3; installed o/h exhaust stacks for # 1 and #3 cylinders ( see 8130-3 by Wall Colmonoy Corp.); installed new stacks for #2 and #4 cylinders; retorqued all rocker box cover screws; checked and cleaned carb. Fuel screen; drained carb. Bowl -no trash found; checked and cleaned main fuel filter; washed engine; ground ran; checked o.k. AD's checked to date. I certify that this engine has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell IA

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

Log Book Entry N4329T Prop. ATT: 4894.86 HM.696.4 Date 2-7-09

- Performed an annual inspection I/A/W Far 43 Appendix D. Removed spinner; checked for any cracks; dressed blades; AD's checked to date. I certify that this Prop. has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell

IA

Log Book Entry N4329T Engine ATT: 4894.86 H/M 696.4 Date 2-7-09

- Performed an annual inspection I/A/W Far 43 Appendix D. Checked compression; 1=70/80 2=70/80 3=69/80 4=69/80. Changed oil and installed a new filter CH 48103-1, serviced with Aeroshellw-100; opened old filter; checked for any F.O.D. -none found; cleaned and gapped spark plugs; installed a new induction air filter BA-3; checked and cleaned carb. Fuel screen; drained carb. Bowl -no trash found; checked and cleaned main fuel filter; washed engine; ground ran; checked o.k. AD's checked to date. I certify that this engine has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell

IA

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			



Tyler Texas 75704

N4329T

Date: 7/30/09  
Tach: 4907.3  
Hm:

I. Installed a new vacuum pump PN 211CC, drive seal., drive housing base gasket and vacuum pump base gasket.

Rex Johnson  
A&P

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	



Log Book Entry N4329T Engine ATT 4930.44 HM.738.6 Date 4-9-10

Performed an annual inspection I/A/W Far 43 Appendix D. Checked compression; 1=79/80 2= 73/80 3= 70/80 4= 74/80. R & R # 1 cylinder after repair by Sal's Aircraft Cylinders, Inc. (see yellow tag); installed a new exhaust push rod p/n SL 15F19957-14; Changed oil and installed an new filter CH48103-1, serviced with Aeroshell W-100; opened old filter; checked for any F.O.D. -none found; cleaned and regapped spark plugs; installed a new crankshaft seal p/n LW 13792; washed engine; ground ran; checked o.k. AD's checked to date. I certify that this engine has been inspected I/A/W an annual inspection and was found to be in an airworthy condition.

Tom J. Schnell IA

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

## ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
May 1, 2011			Tach reads 4960.80 Total time 4960.80 TSMOH 773.5. Changed oil and filter. No metal in filter. Serviced with 6 qts Amsoil 100W. Cleaned & gapped plugs. Compressions: #1=70/50; #2=68/50; #3=67/50; #4=72/50. Test run, OK'd for leaks & operation. I certify that this engine has been inspected in accordance with an Annual inspection and it has been determined to be in an airworthy condition.  John H. Langston [Redacted] [Redacted]		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
June 23, 2012			<p>Total Time 5001.51 Tach reads 5001.51 Hour meter reads 814.21.</p> <p>Changed oil &amp; Filter - no metal in filter. Serviced with 6 qts                      Aeroshell 100W AD oil. Cleaned &amp; gapped spark plugs. Drained                      Carburetor. CK'd fuel screen. Compression: #1 = 74/80; #2 = 72/80;                      #3 = 64/80; #4 = 71/80. Test ran engine, CK'd for leaks &amp; operation.                      I certify that this engine has been inspected in accordance                      with an annual inspection and it has been determined to be                      in an satisfactory condition. [Redacted] John H. Langston                      AI [Redacted]</p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

DATE \_\_\_\_\_

Service Bulletins, Letters,  
Instructions & A D Notes

July 20, 2013 Tach reads 5019.81 Hour meter reads 838.7  
Total time (corrected) 3774.69 TSMOH 783.61 Changed oil &  
filter. No metal in filter. Serviced with 6 qts. Henshell 100W AO  
oil. Cleaned & gapped plugs. Retuned both magnetos to 25° BT.  
Tightened oil cooler hose fittings. Tightened oil drain line clamps.  
CK'd carb. fuel screen. Cleaned gascolator. Compression: #1 = 7 1/2/80  
#2 = 7 1/4/80; #3 = 6 1/4/80; #4 = 6 3/8/80. Dressed prop blades. Test ran engine.  
CK'd for leaks & operation. Tightened alternator drive belt.  
I certify that this engine has been inspected in accordance  
with an Annual Inspection and it has been determined to be  
in an airworthy condition. [Redacted] John H. Langston

AI [Redacted]



DATE \_\_\_\_\_

# Service Bulletins, Letters, Instructions & A D Notes

Aug 9, 2014 Tach reads 5038.78 Hour meter reads 860.4 TSMOH 805.31  
Time since last Annual 21.7. Changed oil & filter. Serviced with 6  
qt. Densohd 100W. No metal in filter. Cleaned & gapped plugs.  
Compression: #1 = 72/80; #2 = 74/80; #3 = 72/80; #4 = 69/80. Test ran  
engine, CK'd for leaks & operation. I certify that this engine  
has been inspected in accordance with an Annual inspection  
and it has been determined to be in an airworthy condition.

John H. Langston

1/1

DATE \_\_\_\_\_

SERVICE BULLETINS, LETTERS,  
Instructions & A D Notes

Sept. 13, 2015 Tach reads 5059.68 Total time 3814.46 TSM# 826.21  
Hour meter reads 883.4 Changed oil & filter. Cut up a filter - no  
metal found. Serviced with 6 qts Aeroshell 11 W100 AD oil  
Scanned plugs. Compression: #1 = 72/80; #2 = 71/80; #3 = 75/80; #4 = 74/80.  
Test ran engine, checked for leaks & operation. I certify that this  
engine has been inspected in accordance with an Annual Inspection  
and it has been determined to be in an airworthy condition

TAI [REDACTED]  
John H. Langston

DATE 5-29-98

Service Bulletins, Letters,  
Instructions & A D Notes

5/27/98

W AD 96-09-10 oil pump gears. Kit AK05K194235 installed - D  
98-02-08 crankshaft.

mag. impulse stick mag.

AD 91-14-02 C/w crankshaft gear. Replaced.

\$ 6.00



*The Standard*

ENGINEERING

ASA S1-1

**Engine Record** General Information

Manufacturer Lycoming Model G-320-E2D  
Serial L-46554-27A Type Certificate \_\_\_\_\_  
This engine is currently installed in aircraft Piper PA-28-140, N4325T, s/n 28-7225146

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer recommended overhaul at \_\_\_\_\_ hours

[illegible]



YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Mar 25, 2017	5063.57		3819.86	<p>TSM 831.5G 1 hour meter reads 888.8.</p> <p>CKI oil filter - no metal found. Replaced all spark plugs with Champion REM40E. Replaced electric fuel pump - see airframe log &amp; Form 337 for details. Test ran engine, CKI for leaks &amp; operation. I certify that this engine has been inspected in accordance with an Annual Inspection and it has been determined to be in an airworthy condition.</p> <p>John H. Langston</p> <p style="text-align: right;">[Redacted Signature] 121 [Redacted]</p>



[illegible]