

LEFT ENG.
L

ENGINE LOG



ENGINE LOG



Performace Air, Inc.

(LH) Engine IO-320-B1A

sn# L-3171-55A

02/21/25	SMOH (L) 1505.7(R) 1505.7
A/CT T 5563.7	PSMOH (L) 212.1(R) 212.1
Flight Hobbs: 439.2	N8339Y

Compression are as follows: 1(76), 2(70), 3(70), 4(74)

1) Serviced engine with (1) new AA48110 and (7qs) Aeroshell 15W50 oil, installed new airfilter BA-10. Welded cracks in alternate airbox and replaced bellcrank 23995-000, (2) brackets W25246-000. Pulled (LH) mag to reclock for timing, replaced both gaskets. Tighten alternator mount brackets and saftied. Replaced starter pn# BC315-100-2.

2) C/W the following A.D's 04-10-14C1 C/W 5/17/2023 by Williamson Aircraft, 15-19-07 C/W this date <no defects>, due at 100 hrs or anytime of a line or clamp removal, 24-21-02 C/W this date; no metal found <due every oil change or until bushings replaced>. <see A.D status sheets for further details>.

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

A&P248679226

Total To Carry Forward			
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Performace Air ,Inc .

04/01/24	SMOH (L) 1355.5(R) 1355.5
A/CT T 5413.5	PSMOH (L) 61.9(R) 61.9
Flight Hobbs: 289.0	N8339Y

(LH) Engine IO-320-B1A
sn# L-3171-55A

Installed Engine after prop strike inspection.

Serviced engine with (1) new AA48110 and (7qs) Aeroshell 15W50 oil ,installed new airfilter BA-10.

C/W the following A.D's 04-10-14C1 C/W 5/17/2023 by Williamson Aircraft ,15-19-07 C/W this date <no defects >,
due at 100 hrs or anytime of a line or clamp removal. <see A.D status sheets for further details >.

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

P.B. Frick

A&P248679226

Total To Carry Forward				



Performace Air ,Inc .

11/26/24	SMOH (L) 1409.0(R) 1409.0
A/CT T 5467.0	PSMOH (L) 115.4(R) 115.4
Flight Hobbs: 342.5	N8339Y

(LH) Engine IO-320-B1A
sn# L-3171-55A

Serviced engine with (1) new AA48110 and (7qs) Aeroshell 15W50 oil ,installed new airfilter BA-10.Made sheet metal
repair to the Alternate Air box assembly.

C/W the following A.D's 04-10-14C1 C/W 5/17/2023 by Williamson Aircraft ,15-19-07 C/W this date <no defects >,
due at 100 hrs or anytime of a line or clamp removal. <see A.D status sheets for further details >.

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

P.B. Frick

A&P248679226

ENGINE LOG



Performace Air ,Inc .

(LH) Engine IO-320-B1A

sn# L-3171-55A

11/01/23	SMOH (L) 1293.6(R) 1293.6
A/CT T 5351.6	PSMOH (L) 00.00(R) 00.00
Flight Hobbs: 227.1	N8339Y

Installed Engine after prop strike inspection.

Serviced engine with (1) new AA48110 and (7qs) Aeroshell 100M mineral oil ,installed new airfilter BA-10.

C/W the following A.D's 04-10-14C1 C/W 5/17/2023 by Williamson Aircraft ,15-19-07 C/W this date <no defects >, due at 100 hrs or anytime of a line or clamp removal. <see A.D status sheets for further details >.

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

P.B. Smith
I/A,A&P248679226

Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		



Performance Air, Inc.
Pickens County (KLQK)

04/01/21	SMOH (L) 1250.1(R) 1250.1
A/CT T 5308.1	PSMOH (L) 493.0(R) 493.0
Flight Hobbs: 183.6	N8339Y

Inspected and serviced engine this date: 4/1/21 Lycoming Service Manual .

Compression are as follows :#1 (76), #2 (76), #3 (77), #4(76)

Serviced engine with (1) new AA 48110 and (7ts) Phillips 20XC50 AW

installed new airfilter BA-10.

C/W the following A.D's 04-10-14C1 Due when a propeller strike incident occurs, 15-19-07 C/W this date <no defects>, due at 100 hrs or anytime of a line or clamp removal. <see A.D status sheets for further details>

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

P. B. Smith
I/A, A&P248679226

Total To Carry Forward				
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Performance Air, Inc.

10/17/22	
N8339Y	
Flight Hobbs: 225.0	

(LH) Engine IO-320-B1A
sn# L-3171-55A

Pulled engine due to propeller strike and sent to Williamson Aircraft Engines for AD Compliance 04-10-14 C1

P. B. Smith
A/P248679226

ENGINE LOG

Performance Air, Inc.



Pickens Airport (KLQK)

10/28/19	N8339Y
Flight Hobbs: 57.0	
Engine Hobbs: 77.5	

- 1) Drained oil , checked filter for metal <none found!> . Serviced engine with (7qts) Phillips 100AW with Lycoming additive and (1) AA48110 oil filter.

IA/AP 248679226

Total To
Carry Forward

Performance Air, Inc.

Pickens County (KLQK)

03/09/20	SMOH (L) 1165.6(R) 1165.6
A/CT T 5223.6	PSMOH (L) 408.5(R) 408.5
N8339Y Flight Hobbs: 99.1	

Inspected and serviced engine this date: 3/9/20 Lycoming Service Manual .

Compression are as follows :#1 (71), #2 (72), #3 (76), #4(78)

Serviced engine with (1) new AA 48110 and (8ts) Aeroshell 15W50

installed new airfilter BA-10.

C/W the following A.D's 04-10-14C1 Due when a propeller strike incident occurs, 15-19-07 C/W this date <no defects>, due at 100 hrs or anytime of a line or clamp removal. <see A.D status sheets for further details>

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

I/A, A&P248679226

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-4-2018	Brought Forward →	1040	635	
	Change oil and Filter. Cleaned Suction Screen and check Filter for chips. Shell 100W plus. Replace IND AIR Filter Element. Compression -			
	1/78 2/78 3/78 4/78.			
	I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.			
	Paul P. Cutting, A&P 3014223 IA			
	<i>Paul P Cutting</i>			
Total To Carry Forward				

Performance Air, Inc.



Pickens County (KLOK)

03/27/19	SMOH (L) 1006.5, (R) 1006.5
A/CT T 5124.5	PSMOH (L) 309.4, (R) 309.4
N8339Y	HOBBS
Installed new Hobbs meter 00.00	661.50 Removed this Hobbs meter.

Inspected and serviced engine this date: 3/27/19 Lycoming Service Manual.

Compression are as follows: #1 (77), #2 (74), #3 (77), #4 (78)

Serviced engine with (1) new AA 48110 and (8ts) Aeroshell 15W50 installed new airfilter BA-10, welded chafed outboard exhaust stack assembly.

C/W the following A.D's 16-16-12 Researched: no record of ECI cylinders installed, 04-19-14 Due at a propeller strike, 15-19-07 C/W this date by inspection, every 100 hrs, 17-16-11 Researched parts not installed within dates listed. >see A.D status sheets for further details >.

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

Paul P Cutting
I/A, A&P 248679226

LEFT ENG
N8339Y

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
NOV-01-2015	Brought Forward →			
NOV-01-2015	Hobbs 616.1	TSOH 1,025.6		OPERATIONAL CHECK OF ALL
ENGINE CONTROLS FOR FULL TRAVEL, FREEDOM OF OPERATION & SECURITY. REMOVED AND REPLACED OIL FILTER CH48110-1				
REPLACED 8 QTs OIL AEROSHELL 15/50 C/W AD 2011-26-04				
SUPERSEDES AD 08-14-07 FUEL INJECTION LINES PERFORMED COMPRESSION				
CHECK #1 74/80 #2 73/80 #3 74/80 #4 75/80				
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE				
WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY				
CONDITION				
Total To Carry Forward				For Tm 21585768 IFA

LEFT ENG
N8339Y

and Remarks	Signature	Certificate No.
JAN-06-2017 Hobbs 616.6		
TSOH 1,026.1		
INSPECTED ENGINE, ENGINE CONTROLS FOR CONDITION, SECURITY AND FREEDOM OF OPERATION. INSPECTED ALL SPARK PLUGS FOR CONDITION AND OPERATION. PERFORMED COMPRESSION		
CHECK #1 75/80 #2 73/80 #3 74/80 #4 75/80 REMOVED & REPLACED		
OIL FILTER CH48110-1 AND SERVICED WITH 8QTs AEROSHELL 15/50		
C/W AD 2011-26-04. FUEL INJECTION LINES. I CERTIFY THAT		
THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN		
ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION		
For Tm 21585768 IFA		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Lycoming IO320 B1A S/N L-3171-55A 18 June 2013 TACH 6,085.81 Hobbs 608.5 TSOH - 1,013 Hrs. Drained oil. And replaced oil. CWV AD08-14-07 Fuel injection lines by inspection. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection as described under Title 14 CFR Part §43 Appendix D and was determined to be in an airworthy condition at this time. This engine is approved for return to service. George S. Coy A&P 1637619IA <i>[Signature]</i>				
Total To Carry Forward				

[illegible]

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
N8339Y	Left Engine Log	9-28-11	5053 hrs	
HM=590. Fuel Servo and Flow Divider Removed for overhaul by Mikes Fuel Metering. Installed and Complied with AD08-14-07. Engine Test Run OK.				
Paul P Cutting A&P 3014223				
Paul P. Cutting				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
6-21-2012 HM-604 TSMO 1009 Replaced Cylinders - 4 New Lycoming Complete Assy. Changed oil and filter - Shell 80 C/w AD 08-14-07 by inspection of Fuel INJ. LINES. Compression check. all Cyls 78/80.		
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Paul P. Cutting, A&P 3014223 IA Paul P Cutting		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6/20/10	Brought Forward →	972	567	TOTAF S030
	June 20, 2010 HM=567 TSMP=972 N8339Y Left Eng			
	CW AD08-14-07 by Inspection of Fuel Injector Lines and Clamps. Changed Oil and Filter and Cleaned Screen, Shell 80W. Removed Cyl #3 and found Rings Lined Up. Re-Staggered Rings and Reinstalled Cylinder. Replaced Intake Hoses & Gaskets, Rocker Drain Back Hoses and Rocker Cover Gaskets. Replaced Ignition Harness. Compression Check 1/75 2/75 3/75 4/75. Adjusted Idle Speed and Mixture. Tightened engine nuts and bolts to torque spec.			
	I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in Airworthy Condition.			
	<i>Paul P. Cutting</i>			
	Paul P Cutting A&P 3014223			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
6-10-11 HM=586 TSMo 991		
changed OIL and Filter - Shell 15W50		
checked screen. Compression 1/76 2/76 3/76 4/76/80		
Rotate Spark Plugs.		
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Paul P. Cutting, A&P 3014223 IA Paul P. Cutting		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
7/09/2008	Performed an ANNUAL engine inspection this date per			
66hrs-53015	FAR 43 App D & MFRS manuals. Ran engine, drained oil			
	Serviced spark plugs. Replaced oil filter. Serviced eng			
	w/AEROSHELL 50WT to proper level. checked mag timing,			
	eng controls. Lubed controls @ needed. cleaned fuel			
	screens. Ran engine. operational check good, pressures &			
	indications normal. I certify this engine was inspected			
	I A W an ANNUAL inspection & was found to be in Airworthy			
	condition @ this time. CUE # E/C 2878533 I A			
Total To Carry Forward		Comp @ 80	#1-75 #2-64 #3-72 #4-65	AE

and Remarks	Signature	Certificate No.
10/18/08 HcBB5 552.3 Replaced #1 Eng VACUUM PUMP Ser # 135395 Checked Normal. Airframe part	William J. Dabler ATP 1308228	

ENGINE LOG

DATE: 5-21-2007 LEFT ENGINE LYCOMING IO-320-B1A S/N: L-3171-55A
HOBBS: 0352.1 T.T: 4797.1 TSMOH: 0731.3 W/O# 9428

I certify that this engine has been inspected in accordance with an Annual Inspection per Piper Service Manual. Checked engine mounts and cradle. Checked electrical systems and harness. Checked engine accessories. Checked lines, tubing, and hoses. Checked induction system. Checked exhaust system. Sumped all fuel drains. Checked and lubricated engine controls and propeller controls. Checked engine baffling and cowling. Drained oil, removed oil filter and cut open, no metal noted. Installed new CH48103 oil filter and serviced engine with 8 qts 15w50 Aeroshell oil. Removed all spark plugs, cleaned and gapped. Checked and set timing.
Compression test: 1) 64/80 2) 70/80 3) 76/80 4) 78/80

A.D. 2005-12-06 on both magneto's - Due again at Hobbs: 0757.5 hrs.
C/W A.D. 2002-26-01 Inspection of nozzles, lines and hardware. Due again MAY/2008

Checked and Complied with A. D. 's up to this date

Washed engine and performed engine run-up and set up per Lycoming Overhaul Manual, no leaks noted. And have found this engine to be in an airworthy condition as of this date.

IA1676215 HARREL W. TIMMONS

[Signature]
AP1676215 IA

Total To
Carry Forward



and Remarks	Signature	Certificate No.
9/19/2007 - HM 451.7 TT 4896.7 TSMOH 830.9 Changed oil & Filter. Installed New CH48103.1 filter and 6 qts Aeroshell 80W. Ran engine and checked for leaks, none found. Aircraft returned to service <i>[Signature]</i> AP1676215		
2-7-2008 HM: 439.4 T.T: 4934.4 TSMOH: 868.6 changed oil & Filter. noted no metal. Serviced w/ 40wt Aeroshell oil and a CH48103-1 filter - ground ran engine and noted no oil leaks - end - JETAir Inc JAFILUP <i>[Signature]</i>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-2-2006	Brought Forward	→ 4088:0308.6		changed oil and filter. Inspected filter and noted no metal. Serviced engine with 15W50 and AC448103 filter cleaned, gapped and rotated all spark plugs - END -
				I CERTIFY the maintenance and/or inspection identified above was inspected in accordance with current regulations of the Federal Aviation Administration and is airworthy for return to service.
				Date <u>11-2-2006</u> Signed <u>[Signature]</u> JET AIR, INC. CRS 44PR110F Galesburg, Illinois 61401
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12/9/04	Brought Forward →		12/9/04 8339Y LEFT ENGINE, HOBBS TIME: 251.4	
Hobbs	257.4		PERFORMED ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH MANUFACTURERS MAINTENANCE MANUALS AND INSPECTION FORMS. PERFORMED ENGINE COMPRESSION CHECK 1. 75/80 2. 65/80 3. 78/80 4. 73/80. CHECKED ALL HOSES, WIRES, AND LEADS. INSPECTED BAFFLES, INTAKES AND EXHAUST SYSTEMS. PERFORMED AND COMPLIED WITH ALL APPLICABLE AD AND SB.	
TSMOH	630.6			
T.T. 4688.8			CHANGED OIL AND FILTER ON BOTH ENGINES	
			REPAIR TWO CRACKS ON LEFT ENGINE BAFFLE	
			BAFFLES. INSTALLED SIX RIVETS ON LEFT ENGINE BAFFLE	
			INSTALLED LOCKNUT ON LEFT ENGINE CYLINDER HEAD TEMP SENSOR	
			PARTS	
			OIL (15W-50 AEROSHELL) 9	
			OIL FILTER (ES48 103) 1	
			LOCK NUT (MS21045L04) 1	
			RIVETS (5/32) 6	
			11/9/04 8339Y LEFT PROP, HOBBS TIME: 251.4	
Total To Carry Forward			Arthur F. Lawsht	

DATE:4-19-2006 LEFT ENGINE LYCOMING IO-320-B1A S/N:L-3171-55A
HOBBS:0257.5 T.T:4702.5 TSMOH:0636.7 W/O# 8998

I certify that this engine has been inspected in accordance with an **Annual Inspection** per Piper Service Manual and Jet Air, Inc. forms. Checked engine mounts and cradle. Checked electrical systems and harness. Checked engine accessories. Checked lines, tubing, and hoses. Checked induction system. Checked exhaust system. Sumped all fuel drains. Checked and lubricated engine controls and propeller controls. Checked engine baffling and cowling. Drained oil, removed oil filter and cut open, no metal noted. Installed new CH48103 oil filter and serviced engine with 8 qts 15w50 Aeroshell oil. Removed all spark plugs, cleaned and gapped. Checked and set timing Both magneto's overhauled by RLB ACCESSORY SERVICE under W/O#6123 and W/O#76124. Compression test: 1) 74/80 2) 68/80 3) 76/80 4) 68/80
C/W A.D.94-01-03R2 on both of these magneto's.
C/W A.D. 2005-12-06 on both magneto's – Due again at Hobbs:0757.5 hrs.
C/W A.D.2002-26-01 Inspection of nozzles, lines and hardware. Due again APR/2007

Checked and Complied with A. D. 's up to this date
Washed engine and performed engine run-up and set up per Lycoming Overhaul Manual, no
leaks noted. And have found this engine to be in an airworthy condition as of this date.

I CERTIFY the maintenance and/or inspection identified above was inspected in accordance with current regulations of the Federal Aviation Administration and is airworthy for return to service.

Date 4-19-2006 Signed [Signature]
JET AIR, INC. CRS#JAER110F
Galesburg, Illinois 61401

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-09-01	hobbs	228.8	SMOH 608	Inspected engine per Piper report. Oil and filter previously changed with oil pump replacement. Compressions: 1: 72/80 2: 72/80 3: 74/80 4: 74/80 Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance With an annual inspection and found to be airworthy. <i>Doc E. Hobbs 1920985 IA</i>
8/1/03				Performed Annual inspection in accordance with Piper maintenance manual and inspect.
Hobbs	242.5			fans - change oil and filter added
SMOH	621.7			9pts 15-50 avco shell oil cleaned logbook and tested all spark plugs compression
Total To Carry Forward				

and Remarks	Signature	Certificate No.
test #1 75/80 #2 60/80 #3 75/80 #4 74/80 cleaned all injectors nozzles installed all new probe cover gaskets PN 75906 checked mag timing wires leffles exhaust and induction system carb. and linkages smooth Total Time <u>621.7</u> Tach Time <u>242.5</u>		
I certify that this <u>Left engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in air worthy condition and all AD's complied with. <i>Arthur F. Lawshe Jr.</i> Mechanic's Signature Lic. No. <u>IA 162460038 A&P</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-4-00	Brought Forward →	575	189	

Date: 2-4-00 hobbs: 189 Completed inspection of engine and prop this date per Piper report. Compressions: 1. 72/80 2. 70/80 3. 70/80 4. 74/80 Changed oil and filter with CH48110 and 7 qts. 15/50 Aeroshell. Serviced spark plugs, checked leads, controls and mount. Checked prop dome and blade condition. I certify this engine and prop have been inspected in accordance with an annual inspection and found airworthy.
Dale E. Hatter 1920985 IA

7-3-00	hobbs 194	SMOA 580	Inspected engine per Piper report. Compressions: ① 72/80 ② 70/80 ③ 70/80 ④ 74/80	Checked plugs, leads, exhaust and mount. I certify this engine and prop
Total To Carry Forward				

and Remarks	Signature	Certificate No.
have been inspected in accordance with an annual inspection and found airworthy. Dale E. Hatter 1920985 IA		

Aircraft: Piper Twin Comanche
Registration: N8339Y

Date: October 9, 2001
Tach/Hobbs: 226.6

Left Engine: Removed accessory cover, replaced oil pump: housing, gear and drive shaft. Re-installed accessory cover after repair by Drake Air. Re-assembly done in accordance with Lycoming overhaul manual. Engine ground-run and no leaks were noted at this time. Oil pressure was found to be within limits. - END-

L. Verdiales
A&P 148580607

AD 96-09-10C.
C/w at this time

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
12/18/97	81.3	Hobbs.	Inspected and serviced IIAIW piper checklist. Note: oil not changed due to low time use. Test run engine. All temps and pressures normal. Ap's checked thru 97-15-11. I certify	
Total To Carry Forward			that this engine has been	

and Remarks	Signature	Certificate No.
inspected IIAIW annual inspection and has been determined to be in an airworthy condition. Michael Holz		
139684165 FA - EMD		
1/2/99 holds 139 5MOH 525 Inspected engine and piper Piper report. Compressions: ① ⁷⁴ / ₈₀ ② ⁷⁰ / ₈₀ ③ ⁷² / ₈₀ ④ ⁷⁰ / ₈₀ checked air filter, ducts and hoses. I certify this engine has been inspected in accordance with an annual inspection and found airworthy.		
Dale F Walter 1920985 IA		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/2/96	Brought Forward →	1894.8	Hobbs	Drained oil and inspected screen - found clean. New CH48103 Filter Filled with 7 qts 15W-50 oil. Clean (8) spark plugs and check gap. compression as follows 1) 72/80 2) 70/80 3) 74/80 4) 60/80. Remove cyl. #4 and sent to DTS for repair - see tag. Reinstall using new rings supplied by DTS (steel) and (1) SL12032-SC cylinder kit. Test ran engine. All temps and pressures normal. No defects noted - over -
Total To Carry Forward				

and Remarks	Signature	Certificate No.
I CERTIFY THAT THIS ^{Engine} ENGINE PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PROPELLER AD NOTES CHECKED THRU <u>90-02-23</u> ENGINE AD NOTES CHECKED THRU <u>96-09-10</u> DATE <u>11/2/96</u> ENGINE TOTAL TIME _____ SIGN <u>MICHAEL MOLEY ASSOCIATES</u> SIGN <u>Michael Moley</u> - EMD - 12/18/97 Hobbs 0081.2 Inspected per Piper report. Compression ① 75/80 ② 70/80 ③ 72/80 ④ 70/80 Serviced sparkplugs. Checked controls. Replaced air filter element. 100 hour inspection completed. No other repairs at this time. Dale E. Walter D4D 1920985		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/10/95	Brought Forward →	299.6	1807.8	COMPLETED ANNUAL INSP
	TOTAL. 4357.8			FWD. ACT. BRACKET, REPL.
AD'S CK'D Thru Dec 95-18				INS LINES REPLACED ALL CI
				BOTH MAGS, C/W S.B. 518
				PROSS. GAUGE LINE, ADI.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
THE PUMP Form # 230-209. Replaced A/C. Belt & Intake, & Rocker Gaskets as Reg'd. W 93-02-05 Fuel Pumps, Replaced All Duffie Seal, Removed & Retained & Verifications insp. & found OK, Leak CK'd manifold idle mix. Repl. ign. springs as Reg'd Tachometer <u>1807.8</u> Total Time <u>299.6</u> 540 H I certify that this (aircraft)(engine) has been inspected in accordance with a ANNUAL (100 HOUR) inspection and was determined to be in airworthy condition. Time since last insp. <u>53.5</u> Dated <u>10/10/55</u> W.O. # _____ Signed <u>DAVID MATHIESEN</u>		

Air-Mods & Repair Inc.
 Old Bridge Airport (3N6)
 182 Pension Rd. English Town,
 N.J. 07726 (908) 448-0703

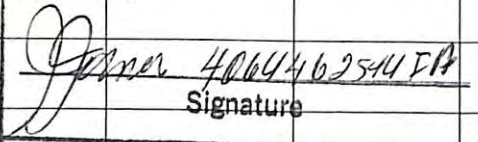
DAVID MATHIESEN
 A & P 139641126 I.A.

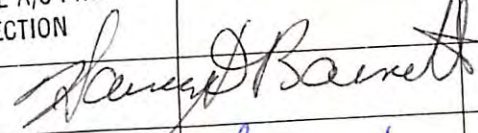
LEFT ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-5-95	Brought Forward →			Changed oil Aeroshell 15-50 6 qts + 1 pint Arblend. Replaced Spin on Filter + Removed cleaned + Inspected A/c filter Re-installed + Safety wired
9/5/95				Removed spark Plugs cleaned + Regapped - Reinstalled
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Time '0" 5molt Date 7-1-92			
	I certify that this <u>Engine</u> has been inspected in accordance with <u>FAA/FAA</u> inspection and was determined to be in airworthy condition.			
	 Signature			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
8/1/93 See NW/O sheet & AD log		
1639.2 I CERTIFY I HAVE INSPECTED THIS ENGINE A/C PROP IN ACCORDANCE WITH AN ANNUAL INSPECTION HARVEY D. BARNETT 1A1302210		
9/7/94 Annual completed by Harvey Barnett Spruce Creek FLA.		
See Aircraft log		
1754.3		

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/21/91	Brought Forward →			Ch timing & pt correction R. Bennett 1A1309210

Standard

Total To
Carry Forward

MODEL IO-320-B1A SERIAL#L-5777-557
Engine was removed from aircraft for major overhaul. Engine was disassembled, cleaned and inspected. All steel parts were magnafluxed, all non ferrous metals were dyed inspected. Crankshaft was assembled using all new main bearings, all new rod bearings, all new rod nuts & bolts. Installed new crankshaft gear & bolt per A.D. note 91-14-22 C/W. Camshaft and lifters were reground see tags, installed new seals, gaskets, oil drain tubes and clamps. All cylinders were chromeplated by E.C.I. see tags, installed all new valve seats and guides, new exhaust valves reground intake valves, new valves springs and keepers. Installed all new exhaust studs, new pistons, new rings, piston pin plugs. Starter, alternator were overhauled, mags were installed, installed new spark plugs. All oil lines were replaced, prop governor line & fittings were replaced new per A.D. 90-04-06 C/W. Fuel servo, Flow divider lines & nozzles were overhauled see tag, vacuum pump and prop governor were overhauled, see tags. Engines were installed back in aircraft test run and found to be airworthy this date. Engine was overhauled in accordance with Lycoming overhaul manual 60294-7 and all A.D. notes were complied with. Date 06/10/92 Hobbs 1508.2
TT 4058.2 Gregg McConnell *Gregg McConnell* P#291783035

END.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

LH

MAKE LTC MODEL 10-320 B1A SERIAL NO./N. NO. L-3171-35A

TACH READING	DATE	PREFORM COMP CHECKS
14017	3-25-91	REPAIRS AS FOLLOWS 178/30 278/30 378/30 478/30
CHANGED ENGINE OIL CHANGED FINEST SCREEN FOR CONTAMINATION NONE NOTED. SERVICED ENGINE WITH 6.5 QTS MOBIL 1 OIL. CLEANED F/I NOZZLES. ADJUSTED FINE SPEED & MIXTURE. ADJUST OIL PRESSURE. LEAK CHECK & 6017 RUN SATISFACTORY.		

MATTITUCK AIRBASE INC.
F.A.A. Repair Station QX2R125L
W.O. No. 10541



Markon P. Russell
Authorized Signature

and Remarks	Date	Signature	Certificate No.
3967.7 TT 1649.62 SMOH 1417.7 Hobbs	6-1-91		100 hour inspection
Prop 600 line	completed at this date. Adjusted mag timing. Complied with AD 90-04-06 by inspection. Replace oil line at removal or engine overhaul. No other AD's due at this time. AD's checked through 6-3-91.		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION			
Harold Dickinson Jr. A&P 83447932			
DATE <u>June 1, 1991</u> T. IN SERVICE <u>1649.2 SMOH</u>			
AD'S CHECKED THRU: <u>91-09</u> I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
SIGNED: <u>Robert J. Green</u>			
NUMBER: <u>A1-1176173</u>			

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I Certify this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition.				
	Total Time <u>1092.0</u>	<u>William T. Crevasse</u>		
	Date <u>April 1, 1988</u>	William J. Crevasse, Jr. A & P 1572738 IA		
<u>4/11/89</u>	<u>1346.1</u>	<u>1200.1</u>	<u>comp OK</u>	<u>OK this date</u>
<u>2/1/89</u>	<u>over</u>	<u>145/80</u>	<u>installed</u>	<u>New plugs REM</u>
<u>380 OK ex</u>	<u>+ intake</u>	<u>all OK</u>		
I Certify this <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
Total To Carry Forward		TIME IN SERVICE	<u>George</u>	<u>Thayer J. Brown</u> <u>1302210 IA</u>
		TACH TIME		

[illegible]

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-4-87	Brought Forward →		1028.1	Replaced left mag.
				Retimed both mags to engine and run-in
4/1/89		1238.0	1092.0	100 hr insp for annual.
		1		Retimed to 25°, Fast
				changed oil & Filter
4/11/89		1346.0	1200.1	Engine is worth
Total To Carry Forward				

and Remarks	Signature	Certificate No.
to this date with overhauled mit. 10-51360-37 normal at this time Doc E. H. H. A.P. 1920985		
complete this date. Following work done: S4N. Mags New Mounts (Lard) Replaced oil line to oil cooler inlet, Filled with 7 qts new shell 15/50 ck ex & intake OK this date Harry D. Brown A.P. 1302210		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-2-86	Brought Forward →			Performed the following vacuum pump seal
1-12-87	hobbs	921.8		Changed oil + filter. Installed
Washed engine, no leaks after run-up.				
2-23-87		1076.0	hobbs	
		engine	930.0	
			100hrs	
				3394.0
				3394.0
				1076.0
				930.0
SMITH 1076.0	2-23-87			
	Dale E. Hatter			
	A+P 1920985			
Inspection conducted in accordance with Piper inspection report.				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
maintenance: Replaced alternator belts, replaced and gaskets, replaced rocker cover gaskets #1 & #3.		
785 at Spruce Creek Division		
CH 48103 filter and 7 qts Aeroshell 15W-50 oil.		
Dale E. Hatter A+P 1920985 at Spruce Creek Division		
I certify that this <u>ENG</u> has been Inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Time in service <u>3394.0</u> Date: <u>3-1-87</u> Signed: <u>B.S. Jett</u> Cert. No.: <u>A+P 2000205FA</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
02-02-86	Brought Forward →	TOTAL 3173.5	H0155 709.5	SMOIT 855.5 - CLEAN ENG. AIR
				INST 8 NEW AUBURN ^{SN 88} PLUGS - RESET
				OIL TO 8 QTS AMSOIL 45 SCREEN - 3 MIN
				REMOVE CHAIN FLOW & CLEAN
				REMOVE GEAR. & INST ALTERNATOR
				COMP $\frac{77}{80}$ $\frac{74}{80}$ $\frac{78}{80}$ $\frac{79}{80}$ (COLD)
				A/D SCRA TO DME - A/D 84-1004
				DUE @ 2000 SMOIT
Total To Carry Forward				

and Remarks	Signature	Certificate No.
INDUCTION BOX & INST NEW FILTERS		
GOV. - BURNISH PLUG ISLAND & PAINT - CHANGE		
IN 4 MIN OH - INST NEW 4" AIR INDUCTION DUCT.		
TOOR (ACCORD KIT 1255A) SER 337 THY DATA.		
CLEAN WASH & LUBB ENG INST NEW M/C OIL FILTER		
7295 21 4 3 541		
I certify that this engine has been inspected in accordance with an 1000 annual inspection and was determined to be in an airworthy condition.		
Hr. TT 3173.5		
Date 02-02-86		
Hr. S.M.O.H. 855.5		
A&P-1A2143541		
02/02/86		

CERT ENG

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-6-85	Brought Forward →			
TTE 3046	TTSMDH 728 Hrs	-		

Checked compression, #1 79/80, #2 78/80, #3 79/80, #4 78/80, #5 ~~78/80~~, #6 ~~78/80~~;
 Changed oil 7.5 qts, AMSOIL AD & changed filter/inspected-cleaned oil screen;
~~Cleaned-inspected-gapped-tested-rotated spark plugs~~; checked magnetos-breaker comp't-
 Timing; inspected Engine-Prop-Turbocharger-Exhaust System; checked and lubed
 Engine controls; washed down engine; ~~cleaned fuel primer nozzles-fuel injector~~
~~Nozzles-fuel regulator/carb inlet screen-drained/flushed carb bowl~~; dressed down
 & painted Prop; cleaned/replaced induction air filter; engine ground runup okey.

ADD Idle mixture, ADD AIR AIR cable, Replaced 2 Adol clamps
manifold Pres Line, Taped & Tri Raped charked Section of manifold
Pres Hore, Resafied Thre Bolts on Generator, Tightened up Induction
clap cyl #4, — I CERTIFY This Eng. HAS BEEN Insp. I Also
A ANNUAL Insp. & has BEEN Found Airworthy

Total To
Carry Forward

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 hr / Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under W.O. # <u>03051</u> Date <u>1-2-84</u> Signed <u>[Signature]</u> <u>AP216852JA</u> for <u>Sirocco Aviation Corp.</u> <u>FAA Certified Repair Station #161-7</u> <u>Linden Airport, Linden, N.J. 07036</u>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.

LT ENG

MAKE LYC MODEL 90 320 BIA SERIAL NO./N. NO. 83397

TACH READING 440.4 h0665

DATE 5-11-84 BoreScope ALL CYL'S. NO ABNORMAL WEAR PATHERS NOTED ON CYL WALLS. ADJUST IDLE. LEAK AND OPERATIONAL CHECK SATISFACTORY.

MATTITUCK AIRBASE INC.
F.A.A. Repair Station No. 3533
W.O. No. 17507



[Signature]
Authorized Signature

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A \$ 100 HR 2 Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	286.1 HOURS	47.21 HOURS		OIL CHANGED OIL FILTER REPLACED
TIME IN SERVICE MECH. Robert M. Ma	2790.1 TT	5000		SO W/AD OIL SPARKPLUGS CLEANED
CERT. 137403046 AP DATE 6/16/83				GAPPED AND TESTED, MAG TIMEING
TRAVEL, COMPRESSION CHECK AS FOLLOWS #1 75/80 #2 76/80 #3 75/80 #4 77/80				VERIFIED ENG. CONTROLS LUBED
INTAKE AND EXT SYSTEMS CHECKED FOR INTEGRITY, PROP. DRESSED				AND CHECKED FOR SECURITY AND PROPER
AND PAINTED AD NOTES CHECKED THROUGH BIWEEKLY 83-10 SEE AIRCRAFT				
LOG. ENG. WASHED AND RUNS PERFORMED SATISFACTORILY				
Total To Carry Forward				END

#1

and Remarks	Signature	Certificate No.
Pertinent details of the repair are on file at this repair station under order: W.O. No. 003051 Date: 1-3-84	Sirocco Aviation Corp. FAA Certified Repair Station #161-7 Linden Airport, Linden, N.J. 07036	
Checked compression, #1 76/80, #2 76/80, #3 78/80, #4 78/80, #5 78/80, #6 78/80		
8 QTS Aero Shell 15-50 / NOT #1 ENG PROP GUV		
PULLED OIL SAMPLR / RE SAFETIED OIL TUBE / L-INSTALLED RUBBER		
IN CLAMP CYL #3 ENG #1 OIL DRAIN TUBE / REINSTALLED SHIELDING		
TO MAG P-LEAD NUTS / R+R #1 LT. MAG IMP. COUPLING		
R+R KHEL OB DRAIN HOSE / OILED PROP BLADES		
UNABLE TO CW AD 82-20-01 - NO STAMP ON L-MAG -		
NO DATA PLATE / T/S EGT SYST /		
R+R 1 Comp L MAG #1 ENG		
CW Bendix 78-09-07 ²³ (IMP. COMP CLEAR)		
CW AD 82-20-01		

PIPER AIRCRAFT CORP.,
LOCK HAVEN, PA.



ENGINE LOG

7

30 August 1980. A complete overhaul of this engine, S/N 6-3171-55A was performed in accordance with Lycoming manual P/N 60294-7, dated December 1974. Engine total time, 2318.08 hours. Installed the following: New left Bendix S46N-21 magneto, S/N 8040529; overhauled right Bendix S46N-21 magneto, by Airborne Electrosystems, Inc., S/N 8070918; and overhauled 12 volt Prestolite Starter by Airborne Electro-systems, Inc., S/N 4N000363. Re-installed the following: Delco-Remy Generator, S/N 56874 with 273.08 hours T.I.S.; Bendix Servo Fuel Injector, S/N 27188 with T.I.S. unknown; Airborne Vacuum Pump, S/N 3W1835 with 2318.08 hours T.I.S.; Hartzel Prop Governor, S/N 7023T with 2318.08 hours T.I.S.; and Bendix S46N-21 Ignition Harness, P/N 10-620326-2 with 2318.08 hours T.I.S. This engine has not been test-run at this time. Avco Lycoming S/B 213B, 240J, 326, 342, 382, 385C, 400, 404 and 271A have been complied with. AD 75-08-09 was complied with by Inspection.

W. Jones AP1595672A1

CONT. →

Licensed Mechanic

REMARKS

8 ea. connecting rod bearings	8 ea. compression rings
6 ea. crankshaft main bearings	4 ea. oil regulating rings
1 ea. camshaft	4 ea. exhaust valves
8 ea. lifter bodies	4 ea. intake valves
8 ea. lifter plungers	4 ea. exhaust valve guides
8 ea. lifter sockets	4 ea. pistons
1 ea. oil pump body	4 ea. piston pins
2 ea. oil pump gears	4 ea. rocker shaft

The above new parts were installed.

JET CARE, INC.

5500 N. W. 21st TERRACE
HANGAR 19 EXECUTIVE AIRPORT
FORT LAUDERDALE, FLORIDA 33309

W. Jones AP1595672A1

CHECK		ENGINE CHECK REPORT				
OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked	
Total Engine Time	I CERTIFY THAT THIS ENGINE HA: OIL AND OIL FILTER					
Fuel Systems, lines gascolator and carburetor	BEEN INSPECTED IN ACCORDANCE WITH A CHANGED AND INSPECTED					
Lubrication system, oil tank, lines, strainers and pump	ANNUAL INSPECTION AND 2 QTS AEROSHELL 15/50					
Cooling system, cowlings, baffles, lines and fittings	WAS DETERMINED TO BE IN AIRWORTHY CONDITION. HOBBS-209.1					
Valves, push rods and rocker arms	TIME IN SERVICE 2713.1 TT HOURS AD OIL ADDED, SPARK					
Ignition, wires, plugs, points and shielding	MECH. Jerry Meyer PLUGS CLEANED,					
Engine manifold and motor mount, bolts and nuts	CERT. 1425629 AE DATE 12-2-82 INSPECTED, TESTED					
Propeller Condition & Alignment	AND GAPPED. ALL ENG CONTROLS CHECKED FOR SECURITY AND PROPER					
Oil changed answer Yes or No	TRAVEL AND LUBED, REPAIRED GEN COOLING					
	HOSE, TIGHTENED GENERATOR BELT INCREASED					
Certified by	ENG RPM 1 TURN ON PROP GOV. ADJ SCREW					
E License No.	SERVICED PROP N ₂ PRESSURE. REMOVED NICKS,					
Address	INSPECTED AND PAINTED PROPELLER. COMPRESSION					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

CHECK		ENGINE CHECK REPORT				
OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked	
Total Engine Time	CHECK MADE AS FOLLOWS:					
Fuel Systems, lines gascolator and carburetor	#1 73/80, #2 75/80, #3 75/80, #4 74/80					
Lubrication system, oil tank, lines, strainers and pump	AD NOTES CHECKED TO DATE, ENG WASHED					
Cooling system, cowlings, baffles, lines and fittings	AND RUNUP PERFORMED.					
Valves, push rods and rocker arms	Jerry Meyer					
Ignition, wires, plugs, points and shielding	1425629 AE					
Engine manifold and motor mount, bolts and nuts						
Propeller Condition & Alignment						
Oil changed answer Yes or No	SEE ENG LOG BOOK #2					
Certified by						
E License No.						
Address						

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

CHECK

ENGINE CHECK REPORT

Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time		11/1/81	MADE IN ERROR LB		
Fuel Systems, lines gascolator and carburetor					
Lubrication system, oil tank, lines, strainers and pump					
Cooling system, cowling, Baffles, lines and fittings					
Valves, push rods and rocker arms					
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment					
Oil changed answer Yes or No					
1-21-82		Hobbs 70.3			WO#01736
Certified by	Changed oil and filter. Added Acrosnell 158050 Multigrade.				
E License No.					
Address					

Engine Serial

ENGINE CHECK REPORT

BENDIX P/N

10-1120-27

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked
Total Engine Time			
Fuel Systems, lines gascolator and carburetor			
Lubrication system, oil tank, lines, strainers and pump			
Cooling system, cowling, Baffles, lines and fittings			
Valves, push rods and rocker arms			
Ignition, wires, plugs, points and shielding			
Engine manifold and motor mount, bolts and nuts			
Propeller Condition & Alignment			
Oil changed answer Yes or No			
Certified by			
E License No.			
Address			

ward airtel
206 SOUTH MAIN STREET
THREE RIVERS, MICHIGAN 49093
U.S.A.

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time Hrs. Min.		Air Time Hrs. Min.		Total Time Hrs. Min.	
Year Mo.	Day	Ground	Air						

HARTZELL PROPELLER, INC. Piqua, Ohio Form #706

Serviceable Part _____ Date 9-24-80Hartzell Modified Governor Model F-6-3ASerial No. A3334 TJRemanufactured ☒Overhauled ☐Repaired ☐

TEST RESULTS OR OTHER SPECIFICATIONS

Relief Valve Pressure 300 High R.P.M. Stop 2330Lever Quadrant Travel _____ For 1600 R.P.M. TestedCapacity 17.6 Q.P.M. at 1750 R.P.M. at 50 P.S.I. Supply _____

Remarks: Replaced all gaskets and seals, all gears magnafluxed.

Penalty.

ENGINE LOG

REMARKS

SIGNATURE

10/8/1980 TT 2233.05 THIS ENGINE
 INSPECTED IN ACCORDANCE WITH PIPER
 SERVICE MANUAL FOR A 100 HOUR
 INSPECTION. COMPRESSION CHECK
 SHOWS ALL CYLINDERS 79/80. INSTALLED
 BENDIX IGNITION HARNESS P/N

Michael J. Gann ACP
 146125626

10/30/80 TT 2240.55 INSTALLED
 REMAN (HARTZELL PROP GOV F-6-3A S/N A3334 TJ)
 Michael J. Gann ACP 146125626

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalties.

Engine Serial

N C

[illegible]

ENGINE LOG

REMARKS	SIGNATURE
FOLLOWING MAJOR OVERHAUL AT JETCARE FT LAUDERDALE EXEC ENGINE RAN ON GROUND 5 MINUTES AND CHECKED FOR LEAKS. AFTER COWLING WAS REINSTALLED A/C FLOWN FOR 2:20 HOURS (EXEC TO MCKINNON) AT 75% POWER. REMOVED INSPECTION PANELS RECHECKED FOR LEAKS, LOOSE PARTS, ETC. ADDED 2 QTS AEROSHELL SAE50W OIL (MINERAL). FLEW MCKINNON TO CALDWELL NJ (NONSTOP) AT 7000 FEET FULL THROTTLE, 2400 RPM, 4:15 HOURS. OIL CONSUMED LESS THAN 1 QT.	8/31/80 <i>Ray D. Jones</i> PPSMEL INST 1386200

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
2	18		Change oil & filter clean & gap plugs						
I certify that this <u>Engine</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition. Time in service <u>2222.34</u> Date <u>9/18/79</u> <u>Wesley P. Klein</u> Wesl P. Klein I.D. 152323266									
TOTAL TIME									

ENGINE LOG

REMARKS	SIGNATURE
I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition 10/9/80 <u>Wesley P. Klein I.D. 152323266</u>	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

N C

TOTAL TIME

...this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty

SIGNATURE

REMARKS

Sept 17, 1979 1480 on tank removed prop ^{3/4} in BG
2176 and installed remanufactured prop ^{3/4} in
BG 2174 See Maintenance Release Tag
John C Kesner ASL 99289

PIQUA AIRCRAFT COMPANY	
PIQUA AIRPORT	

§ 1028 punishable by Civil Penalty.

NC

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

SIGNATURE

REMARKS

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

Compression test results 1-77 2-78 3-76 4-76

oil and filter elements changed 847s AP-80

Replaced bottom spark plugs 4 92M 40E

Removed generator, cleaned inspected and replaced -

body bolts were loose. Installed 3 clips #55447-02 on

Total time 1935

Tech reading engine controls

Date... 2-24-77. Total Aircraft Time... 119.6... I certify this

Engine... has been inspected in accordance with a... manual

inspection and was determined to be in airworthy condition.

Signature... P. E. Pat... A&P No. 6706397A.

LaFleur Airport, Northampton, Mass.

ENGINE LOG

REMARKS

SIGNATURE

7-15-76 Tach 1105

Took Permaterex oil sample

1840 T

P. Conner 1628408IA

1-7-77 TACH 1140 CHANGED OIL ADDED 8 qts AD65

James T. Jr. 14426425 AP

1-26-77 Tach 1140

Cleaned injector screens and all
air bleed nozzles

Pete Conner 1628408IA

3-16-77 Tach 1184

Changed oil - added 8 qts AD80

P. Conner 1628408IA

ENGINE LOG

REMARKS

SIGNATURE

I HEREBY CERTIFY THAT THIS ~~ENGINE~~/ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
TACHOMETER READING 1080; A&P NAME Charles Dick
NUMBER 1882308; DATE 5-28-76

① Checked compression
#1 80/79 #2 80/79 #3 80/78 #4 80/78

② Checked and adjusted magneto timing as nec.

③ Changed oil + filter, cleaned suction screen, serviced
with 9qts Texaco 40 AD Oil.

④ Took Permatex oil sample: - Results indicate normal wear

⑤ Washed and lubed engine

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

Date 9/12/75 Total Aircraft Time 1053 tach. I certify this
 Engine has been inspected in accordance with a 100 hr
 inspection and was determined to be in airworthy condition.
 Signature Donald R. Clark A&P No. 1067001

LaFleur Airport, Northampton, Mass.

stud. + nut - all screws
 checked clean - Cyl. compression 79/80 76/80 78/80 77/80

12-23-75 Engine Tach. Time 1064:24 Removed #4 cyl for
 top overhaul, reinstalled #4 cyl after cyl was ^(overhauled) topped. Replaced
 piston and rings plus wrist pin caps with new items.
 Date for cyl. overhaul started to back page of log.
 Replaced fuel divider feed line with new hose, replaced
 sump fuel drain hoses. Engine ran normally on runup,
 operated engine for 30 minutes on ground no leaks noted.
 Charles Dion A&P 1882308

NC ... *N* ... 8.3.3.9.4.

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1928, punishable by Civil Penalties.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time			
Hrs. Min.		Hrs. Min.		Hrs. Min.		Hrs. Min.		Hrs. Min.			
Year	Mo.	Day	Ground	Air							
74											
Date 10/14/74					Total Aircraft Time 16.01					I certify this	
Engine					has been inspected in accordance with a 100 H.R.					PQTS AD 80 Oil	
inspection and was determined to be in airworthy condition.										OF 11 A oil Filter	
Signature: [Signature]					A&P No. 2213178					Replaced broken	
LaFleur Airport, Northampton, Mass.										Left Stack.	
2-20-74					CLEANED + REGAPPED SPARK PLUGS - INSTALLED OF 11 A						
					OIL FILTER ELEMENT - INSTALLED 9 QTS #30 TEXACO A.D OIL						
					REMOVED + CLEANED ALL INJECTOR NOZZLES PER LYCOMING						
					SI 1275A CHECKED COMPRESSION #1 74/80 #2 78/80 #3 78/80 #4 77/80						
					P.A. 3140 A&P 1267674						
TOTAL TIME											

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalties.

ENGINE LOG

REMARKS	SIGNATURE
Removed both mag's for C.W. AD 74-26-09 2nd	
73-7-4, replaced both bushings # 10-163049	
checked fuel divider gasket for AD 75-09-15. N/A.	
Oil 2nd filter element changed - 8 qts AD-80	
Date 5-7-75	Total Aircraft Time 1703
I certify this	
engine has been inspected in accordance with a 100 H.R.	work order
inspection and was determined to be in airworthy condition.	# 654 A.
Signature: [Signature]	A&P No. 620639 1A
LaFleur Airport, Northampton, Mass.	

ENGINE LOG

REMARKS

SIGNATURE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH A
 100 hr INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY CONDITION

Eng. Serv. Bulletin - 342, installed

K:Y LWS 12245.

Renewed mixture control ball

and P/M 31747-00.

Renewed - Right Bottom rear mount

rubber P/M 475-117

Renewed right manifold drain valve

P/M 24995-00.

Changed oil Aeroshell 100. Renewed

filter element P/M 915-11A.

REPAIR STA.
 810-45.

TIME ON TACH
 1544 hrs.

19th August 1974

ENGINE LOG

REMARKS

SIGNATURE

Replaced all spark plugs with REM-40E
Oil and oil filter changed 8 qts Exxon
AD-80

Date... 6-7-74... Total Aircraft Time... 1468... I certify this
engine has been inspected in accordance with a. 2. n. n. 421
inspection and was determined to be in airworthy condition.

Signature... C. E. LaFleur... A&P No. 6206391A

LaFleur Airport, Northampton, Mass.

7-11-74 TT 1519 hrs Changed oil with AERO SHELL 100-
Performed 50 hrs inspection per Piper instructions - Repaired
"hot" right magneto

Lester D. Gross A&P 2084236

NC

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1926, punishable by Civil Penalties.

ENGINE LOG

N C

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938 punishable by Civil Penalty

SIGNATURE

1 Oct 73 tach time 1273 hrs
changed oil this date added 7 qts AD-80
Frank Thompson
2225442 A+10

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
73									
2	20								
1233.16 TACK - Annual Insp Completed THIS DATE. CHANGED OIL & OIL FILTER ELEMENT (AeroShell 50 Det) Compression test #1-78/80; 2-78/80; 3-89/80; 4-89/80, cleaned Regapped AND tested all SPARK plugs, cleaned ALL Fuel injector nozzels, checked AND LUBED ALL Eng controls, checked MAG TIMMING & Re-timed AS NEEDED, Re-torqued ALL ROCKER Cover screws, checked STARTER AND GENERATOR BRUSHES, checked EXHAUST SYSTEM FOR leaks, checked FUEL SYSTEM FOR leakage, Degreased Eng & FOR FURTHER DETAILS SEE WO# 2066 ON FILE AT THIS AGENCY - CONTINUED ON NEXT PAGE									
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
I certify that this aircraft/engine has been inspected in accordance with a 100 hr/annual inspection as required by FAR 43 and found to be in an airworthy condition.	
Tachometer reading	1233.16
Total Time	1233.16
Date	7-20-73
Signature	<i>[Signature]</i>
Cert. No.	INSPE CRS 362-11
Cape Central Airways Inc.	Municipal Airport
Cape Girardeau, Mo. 63701	CRS 362-11

NOTICE:—This is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

N C

[illegible]

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

I certify that this ~~aircraft~~/engine has been inspected in accordance with a 100 hr/~~annual~~ inspection as required by FAR 43 and found to be in an airworthy condition.

Tachometer reading 1125.3

Total Time 1125.3

Date 6/27/72

Signature *Wm E. Campbell*

Cert. No. 1A4P506691

Cape Central Airways Inc., Municipal Airport
Cape Girardeau, Mo. 63701 CRS 362-11

7-11-73 q/w AO 73-10-2 pas a ~~John S. Kelly~~ for
 Insp CRS 362-11

Act of 1938, punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.		Hrs.		Hrs.	
Mo.	Day	Ground	Air	Min.		Min.		Min.	
May	20, 1971	1009	hours on task						
			Removed prop						
			S/N 3067 and install factory overhauled prop						
			S/N 2179 - replace generator belt and starter						
			drive bench John Chesnut AP699289						
			PIQUA AIRCRAFT COMPANY						
			PIQUA AIRPORT						
			PIQUA, OHIO						
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
DATE JUNE 2/1971 100 HR. TT 1012.75	
COMPLETED ANNUAL INSPECTION THIS DATE.	
REPLACED THE FOLLOWING PARTS ON BOTH MAGS SERIALS 958428 + 958431	
BEARINGS, CAPACITOR, CONTACT ASSEMBLY, OIL SEAL, DISTRIBUTOR BLOCK, DISTRIBUTOR	
GEAR + ELECTRICAL CONTACT BRUSH. CHECKED MAG COILS + SET 'E' GAP. REPLACED	
THE FOLLOWING PARTS ON GENERATOR, SERIAL NUMBER 60A 10474, BEARINGS	
BRUSHES, END PLAT. CHANGED OIL, REFILLED W/50W SHELL, INSTALLED NEW	
STAY OIL FILTER, WELDED CRACKS ON ALT. AIR BOXES, REPLACED DOOR	
ACTUATOR AND ITS HINGES. COMPRESSION CHECK #1 70/80 #2 70/80 #3 70/80	
#4 70/80. VISUALLY INSPECTED THE PROP + SPINNER. CHARGED PROP TO 50 PSI.	
INSPECTED STARTER BRUSHES, CLEANED STRAINER IN FUEL INT. UNIT.	
VISUALLY INSPECTED LORD MOUNTS, ENGINE BAFFLES + FIREWALL FOR	
CRACKS + DETEIORATION. CHECKED FREE OPERATION OF CONTROLS. INSPECTED	
SPARK PLUGS, IGNITION HARNESS, AND CIGARETTES. CHECKED INTAKE + EXHAUST	
MANIFOLD FOR CRACKS. CHECK ALL LINES, HOSES AND CLAMPS. INSPECTED	
CONVING FOR CRACK, PAINTED PROP TIPS YELLOW.	
OVER	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
4-4-69	h. TACK	666.0	-	ANNUAL	INSPECT.	COMP.	OIL &		
		FILTER CHG.	NEW	REMOVED	PLUGS IN	LOWER-			
		MAGS CHECKED	I	CERTIFY	THIS	ENG. HAS			
		BEEN	INSPECT.	IN	ACCORDANCE	WITH	AN		
		ANNUAL	INSPECTION	AS	REQUIRED	BY	FAR		
		& FOUND	AIRWORTHY.						
		SOWELL AIRCRAFT SERVICE, INC.							
		P. O. BOX 1309 (MUNICIPAL AIRPORT)							
		PHONE 785-4325							
		PANAMA CITY, FLORIDA							
TOTAL TIME									

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ENGINE LOG

REMARKS

SIGNATURE

5-8-70 Annual insp. completed - Oil changed - Installed new oil filters - Spark plugs changed - Fuel injector nozzles cleaned - Complete list of maint. and insp. form on file W.O. 1147

Compression test
No 1-80/65
2-80/62
3-80/60
4-80/60

I certify that this aircraft/engine has been inspected in accordance with a 100-hr/annual inspection as required by car 43 and found to be in an airworthy condition.

Tachometer reading 835.01

Total time 835.01

Date 5-8-70

Signature Jack E. Gremore

JACK E. GREMORE A&P AI 1418450
Cape Central Airways Inc., Municipal Airport
Cape Girardeau, Missouri 63703

ENGINE LOG
ENGINE LOG

[illegible]

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG
ENGINE LOG

SIGNATURE

REMARKS

614.12 Hrs ON TACH.
12-4-68
100 Hrs. inspection completed this date as per S.O.A.
inspection forms. Oil screens ~~not~~ inspected. Clean,
regrind & tested all spark plugs. Retightened both
rods. Rechecked #2 - #3 - #4 push rod housing seals.
Removed nicks in prop blades. Tighten oil filler neck.
514 has been inspected

I certify that this F119 has been inspected
in accordance with a 100 hr inspection
and was found to be in airworthy condition
Date 10-4-68 Total Time Aircraft
Engine 614112
504 Repair Station 4139

Engine 61-2112
Southern Ohio Aviation Co. FAA Repair Station 4139
Montgomery County Airport, Dayton, Ohio
Signed W. J. Raftery Aut. Person

punishable by Civil Penalty.

4-12-68

ENGINE LOG

REMARKS

SIGNATURE

100 Hr Engine Check.

Change oil. Change filter. Clean screens.
 Check compression. Clean-set and test spark
 plugs. Check magnetos. Check engine controls.
 Clean injector nozzles and screens. Wash down
 engine. Lubricate engine controls.

Donald Griffith KE1831

"I certify that this Aircraft has been Inspected in
 Accordance with a ANNUAL Inspection and was
 Determined to be in Airworthy Condition"

Donald Griffith TA 1831

Mechanic

Cert. No.

QUEEN CITY FLYING SERVICE, INC.

HANGER 3, LUNKEN AIRPORT

CINCINNATI, OHIO 45226

4-12-68

Date

4:00:00

Time on Aircraft

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

1-18-68

ENGINE LOG

SIGNATURE

REMARKS

Drain oil. Change filter. Clean screens. Check compression. Clean-set and test spark plugs. Check magnetos. Clean fuel injector nozzles. Check engine controls. Remove nicks from propeller. Wash down engine. Lubricate engine & controls.

"I certify that this Aircraft has been inspected in
accordance with a 100% inspection and was
determined to be in Airworthy Condition"

Donald Griffith AE 1831
Mechanic Cert. No.

1-18-68 300:00 Hrs

Date Time on Aircraft

QUEEN CITY FLYING SERVICE, INC.
HANGER 3, LUNKEN AIRPORT
CINCINNATI, OHIO 45226

Not punishable by Civil Penalty.

ENGINE LOG

9-12-67

100Hr Check

REMARKS

SIGNATURE

Drain oil. Change filter. Clean screens. Check compression. Clean-set and test spark plugs. Check magnetos. Check engine controls. Wash down engine. Lubricate engine controls. Donald Smith AE1831

"I certify that this Aircraft has been inspected in
Accordance with a 100Hr inspection and was
Determined to be in Airworthy Condition"

Donald Smith AE1831

Mechanic

Cert. No.

9-12-67

Date

200⁰⁰ Hrs

Time on Aircraft

QUEEN CITY FLYING SERVICE, INC.
HANGER 3, LUNKEN AIRPORT
CINCINNATI, OHIO 45226

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

6-24-67

REMARKS

SIGNATURE

100 Hr Engine Check.

Change Oil. Change filter. Check compression.
Clean-set and test spark plugs. Check magnetos.
Check engine controls. Wash down engine. Lubricate
engine controls.

Donald Griffith AE1831

ENGINE
"I certify that this Aircraft has been Inspected in
Accordance with a ANNUAL Inspection and was
Determined to be in Airworthy Condition"

Donald Griffith AE1831

Mechanic

Cert. No. 1A

QUEEN CITY FLYING SERVICE, INC.

HANGER 3, LUNKEN AIRPORT

CINCINNATI, OHIO 45226

6-24-67

100.00 HRS

Date

Time on Aircraft

ENGINE

Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.

5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N 83394.....
License No.

MANUFACTURER { Name *Lycoming Div. Aero Mfg. Corp.*
Address *Williamsport, Penna.*

Model *T-320-B1A* H. P. *160* Serial No. *L-3171-55A*

Stroke *3.875* Manifold Pressure { Normal
Bore *6.125* Maximum

R.P.M. { Normal *2350 Cruise* B.H.P. { Normal
Maximum *2700* Maximum *160*

Gear Reduction Ratio *direct drive* Rotation of Propeller *Clockwise*

Certified Correct Date

OWNER { Name
Address

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