

R

ENGINE LOG
EL-13P

DATE



Performace Air ,Inc .

02/21/25

SMOH

(L) 1505.7(R) 1505.7

A/CT T

PSMOH

5563.7

(L) 212.1(R) 212.1

Flight Hobbs:

N8339Y

439.2

(RH) Engine LIO-320-B1A

sn# L-3150-55A

Compression are as follows: 1(72), 2(75), 3(70), 4(74)

1) Serviced engine with (1) new AA48110 and (7qs) Aeroshell 15W50, installed new airfilter BA-10. Alternate airbox was beyond repair. Replaced with servicable 23810-00, replaced bellcrank 23995-000, (2) brackets W25246-000. Tightened and resaftied alternator brackets.

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 bushing replacement>. <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

INSPECTION & MAINTENANCE RECORD

DATE



Performace Air ,Inc .

(RH) Engine LIO-320-B1A

sn# L-3150-55A

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

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.


A&P248679226

INSPECTION & MAINTENANCE RECORD



Performace Air ,Inc .

(RH) Engine LIO-320-B1A

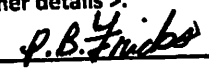
sn# L-3150-55A

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

Serviced engine with (1) new AA48110 and (7qs) Aeroshell 15W50 ,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.


A&P248679226

DATE



Performace Air ,Inc .

10/17/22

N8339Y

Flight Hobbs:
225.0

(LH) Engine LIO-320-B1A

sn# L-3150-55A

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


A/P248679226


435 Herndon Ave. • Orlando Florida 32803 • (407)-649-7828 Fax (407)-895-0024

LIO-320-B1A

Tear-Down and Inspection

L-3150-55A

Tear-down and inspection per' Service Bulletin 533C. All parts cleaned and inspected by Williamson Aircraft Inc. All steel parts inspected for cracks by Power Aviation Inc. FAA/R/S/# ZLZR567L (see 8130-3 and inspection report). Crankshaft, and Lifter bodies reworked by Aircraft Specialties Services FAA/R/S/# DD2R764K crankshaft turned M006 rods M003 mains (see 8130-3s). New camshaft 15M19407. Crankcase reworked by Crankcase Services Inc. FAA/R/S/# H1HR0960 (see 8130-3). 4 each Cylinders inspected and repaired as needed pistons cleaned new ring sets. Magneto inspected and repaired as needed. (see invoice 1566 for new parts). Crankshaft gear previously complied with S/B 475C. Engine reassembly in accordance with the Lycoming overhaul manual.

Date 5-23-2023

TMS

TSO 1250.1

Larry Williamson

Signature



Cert# 3557360P



Performace Air ,Inc .

11/01/23

SMOH
(L) 1293.6(R) 1293.6

A/CT T

5351.6

PSMOH
(L) 00.00(R) 00.00Flight Hobbs:
227.1

N8339Y

(RH) Engine LIO-320-B1A

sn# L-3150-55A

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.



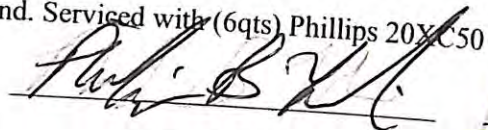
I/A,A&P248679226

Performance

Pickens Airport (KLQK)

8/5/20	N8339Y
Tach: 0147.0	Twin Comanche
Hobbs :0194.9	

Change oil and filter . Checked filter for metal none found. Serviced with (6qts) Phillips 20XC50 Victory and (1) AA48110 oil filter.



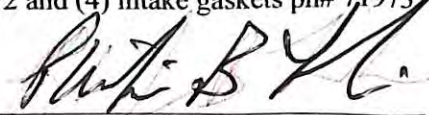
A/P248679226

Performance Air, Inc.

Pickens Airport (KLQK)

8/5/20	N8339Y
Tach: 0147.0	Twin Comanche
Hobbs :0194.9	

Change oil and filter . Checked filter for metal none found. Serviced with (6qts) Phillips 20XC50 Victory and (1) AA48110 oil filter. Dropped oil pan and welded small crack in drain fitting port. Re-tapped and tested for leaks. Replaced gasket pn# 68972 and (4) intake gaskets pn# 71973. Installed new servo mount gaskets.



A/P248679226

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.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 .

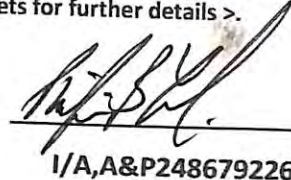
Compression are as follows :#1 (76), #2 (75), #3 (78), #4 (78)

Serviced engine with (1) 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.



I/A, A&P248679226

INSPECTION & MAINTENANCE RECORD

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

DATE

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 (74), #2 (74), #3 (76), #4(74)

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&P 248679226

Performance Air, Inc.



DATE

Pickens County (KLQK)

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

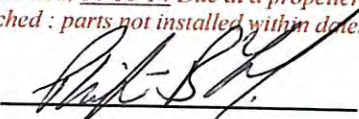
Inspected and serviced engine this date: 3/27/19 Lycoming Service Manual.

Compression are as follows : #1 (72), #2 (77), #3 (74), #4 (72)

Serviced engine with (1) new AA 48110 and (8ts) Aeroshell 100 mineral oil, installed new airfilter BA-10, installed (4) new Lycoming cylinder assemblies pn# 05K21100. (4) new Rocker shafts pn# SL1390A and (8) rocker shaft thrust buttons pn# SL12892. Ran engines <no leaks found> performed compression test.

C/W the following A.D's 16-16-12 Researched: no record of ECI cylinders installed, 04-10-14 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.


I/A, A&P248679226

INSPECTION & MAINTENANCE RECORD

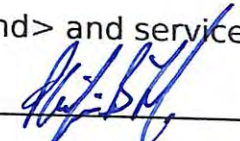
Performance Air, Inc.



Pickens Airport (KLQK)

05/23/19	N8339Y
Engine Hobbs: 0019.8	Twin Comanche
Flight Hobbs: 00.14.4	

1). Drained oil checked filter for metal <none found> and serviced with 7 qts Phillips 20XC50 and (1) AA4810110.


A/P248679226

INSPECTION & MAINTENANCE RECORD		
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
JAN. 06-2017	HOBBS 616.6 TSON 1,021.1	INSPECTED ENGINE, ENGINE CONTROLS FOR CONDITION, SECURITY AND FREEDOM OF OPERATION. INSPECTED ALL SPARK PLUGS FOR CONDITION AND OPERATION PERFORMED COMPRESSION CHECK #1 $\frac{15}{80}$ #2 $\frac{15}{80}$ #3 $\frac{15}{80}$ #4 $\frac{15}{80}$ REMOVED & REPLACED OIL FILTER CH 48110-1 AND SERVICES WITH BOTS AFRO SHEN $\frac{15}{80}$ C/W AD 2011-26-04 FUEL INJECTION LINE, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIR WORTHY CONDITION. J. W. 21585268 I.W.

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Lycoming IO320 B1A S/N L-3150-66C 18 June 2013 TACH 6,085.81 Hobbs 608.5 TSOH - 1,013 Hrs. Drained oil. And replaced oil. C/W 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
7/8/14	HM: 613 TSMO: 1018	I certify that this engine has been inspected in accordance with a 100h inspection and found to be in an airworthy condition. Paul P. Cutting A&P 3014223 JA.

RIGHT ENG
N8339Y

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
06-17-2015	Hobbs 616.1	
NOV-01-2015	TSOH 1,020.6	
		OPERATIONAL CHECK OF ALL ENGINE CONTROLS FOR FULL TRAVEL, FREEDOM OF MOVEMENT & SECURITY. REMOVED AND REPLACED ENGINE OIL FILTER CH48110-1 REPLACED OIL WITH 8 QTS AEROSHELL 15/50 COW 90 2011-2601 SUPERSEDES AD08-14-07 FUEL INJECTION LINES, PERFORMING COMPRESSION CHECK #2 14/80 #2 11/30 #3 15/80 #4 14/80 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION for the N1585268 JA

[illegible]

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/10/11	991	HM = 589 TSMO = 991 Changed OIL and FILTER. Shell 15W50 check even Compressor 1/75 2/74 3/75 4/75 180 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 3014223-1A Paul P. Cutting
6/21/12	HM-604	TSMO 1009. Changed OIL + FILTER (Shell 15W50) Cleaned Screen. C/W AD 08-14-07 by checking Fuel Inject & Lines (SB 342F) 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 3014223-1A Paul P. Cutting

INSPECTION & MAINTENANCE RECORD

DATE	DATE: 5-21-2007	RIGHT ENGINE	LYCOMING IO-320-B1A	S/N: L-3150-66C
	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.

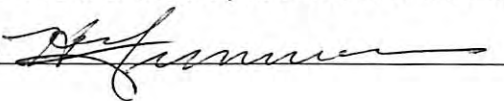
Compression test: 1) 64/80 2) 76/80 3) 68/80 4) 76/80

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



9/15/2007 Hm 451.7 TT 4896.4 TSMOH 830.9

Changed Oil & filter - Installed New CH48103.1 filter and 6 qts Aeroshell 80W. Ran engine checked for leaks. H. Timmons - AP 1676215

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-7-2008	Hm: 489.4 TT: 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 - JEF Air Inc JAF2110E J. J. J.
7/9/2008	Hobbs: 530.5	Performed an annual engine insp this date per FAR 43 App D & MFR's manual. Ran eng. drained oil. Replaced filter, serviced w/ Aeroshell 50wt oil. Serviced spark plugs, checked mag timing, checked controls, lubed as required. cleaned fuel screens. Ran engine. Pressures & indications good. no leaks found. Comp @ 80 PSI #1-78 #2-62 #3-60 #4-75.
		I certify this engine was insp IAW an annual insp & was found to be in airworthy condition @ this time. All 2 End 2878533 IA

INSPECTION & MAINTENANCE RECORD

DATE

DATE: 4-19-2006 RIGHT ENGINE LYCOMING IO-320-B1A S/N: L-3150-66C
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. Compression test: 1) 64/80 2) 70/80 3) 68/80 4) 72/80

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 Jin Oity
JET AIR, INC.
Galesburg, Illinois 61401

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

11-2-2006 HOBBS: 0308.6 changed oil and Filter. Inspected Filter and noted NO METAL. Serviced Engine with 15W50 and a CH48103 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 11-2-2006 Signed Jin Oity
JET AIR, INC. CRS #JAFR110F
Galesburg, Illinois 61401

1-10-2007 HOBBS: 0324.2 changed oil and Filter. Cut open oil Filter and noted NO METAL. Serviced Engine with 15W50 Aeroshell oil and a CH48103 oil Filter. -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 1-10-2007 Signed Jin Oity
JET AIR, INC. CRS #JAFR110F
Galesburg, Illinois 61401

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/1/03		Performed Annual inspection in accordance with Texas maintenance manual and inspection forms. changed oil and filter added 9 qts 15-50 Aero Shell oil, cleaned gages tested all spark plugs cleared all injectors nozzle, replaced all valve cover gaskets PIN 75906 compression test #1 16/80 #2 12/80 #3 65/80 #4 75/80 inspected mag timing wires, baffles, exhaust and induction systems carb. and fuel system.
Hobbs	242.5	
SMO 14	621.7	
		SMO H Total Time 621.7 Tech Time 242.5
		I certify that this <u>right engine</u> has been inspected in accordance with a <u>manual</u> inspection and was determined to be in air worthy condition and all AD's complied with.
		Arthur F. Lawshe Jr. IA 162460038 A&P
		Mechanic's Signature <u>Arthur F. Lawshe Jr.</u> Lic. No.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/9/04		11/9/04 8339Y RIGHT ENGINE, HOBBS TIME: 251.4
Hobbs	257.4	
SMO 14	630.6	
		PERFORMED ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH MANUFACTURERS MAINTENANCE MANUALS AND INSPECTION FORMS. PERFORMED ENGINE COMPRESSION CHECK 1. 68/80 2. 76/80 3. 63/80 4. 74/80. CHECKED ALL HOSES, WIRES, AND LEADS. INSPECTED BAFFLES, INTAKES AND EXHAUST SYSTEMS. PERFORMED AND COMPLIED WITH ALL APPLICABLE AD AND SB.
		REPLACED SPARK PLUG ON RIGHT ENGINE
		REMOVED VALVE COVERS AND SPIKED VALVES TO OBTAINED PASSABLE COMPRESSION ON TWO CYLINDERS. REPLACED TWO ROCKER BOX GASKETS
		CHANGED OIL AND FILTER ON BOTH ENGINES
		INSTALLED THREE RIVETS ON RIGHT ENGINE BAFFLE
		REMOVED AND REPLACED RIGHT ENGINE (RIGHT REAR) INTAKE PIPE GASKET AND RUBBER TUBE.
		OIL (15W-50 AEROSHELL) 9
		OIL FILTER (ES48 103) 1
		INTAKE GASKET (71973) 1
		INTAKE TUBE (69603) 1
		SPARK PLUG (REM40E) 1
		VALVE COVER GASKETS (75906) 2
		RIVETS (5/32) 3

Arthur F. Lawshe Jr.
IA 162460038 A&P

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-4-00	SMOH 575	

Date: 2-4-00 hobbs: 189 Completed inspection of engine and prop this date per Piper report. Compressions: 1. 70/80 2. 74/80 3. 70/80 4. 73/80 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. Heller 1920985 JA

7-3-00 hobbs 194 SMOH 580 Inspected engine per Piper report. Compressions: ① 70/80 ② 74/80 ③ 70/80 ④ 73/80 Checked mount, spark plugs and leads. I certify this engine and prop have been inspected in accordance with an annual inspection and found airworthy.

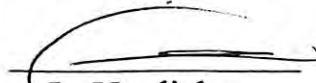
Dale E. Heller 1920985 JA

INSPECTION & MAINTENANCE RECORD

Aircraft: Piper Twin Comanche
Registration: N8339Y

Date: October 9, 2001
Tach/Hobbs: 226.6

Right Engine: Removed accessory cover, replaced oil pump: housing, gears and drive shaft. Re-installed accessory cover, re-assembly done in accordance with Lycoming overhaul manual. Engine ground-run and no leaks 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 

10-09-01 hobbs 228.8 SMOH 608 Inspected engine per Piper report. Oil and filter previously changed with oil pump replacement. Compressions: 1: 70/80 2: 74/80 3: 72/80 4: 72/80 Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance With an annual inspection and found to be airworthy.

Dale E. Heller 1920985 JA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/2/96	1894.8	Hobbs, Drained oil and inspected screen- found clean. New CH48103 filter. Filled with 7 qt Aeroshell 15W-50 oil. Clean (8) spark plugs + check gap. Compressions follows 1) 76/80 2) 76/80 3) 72/80 4) 76/80. Test ran engine. all temps and pressures normal. no defects noted.
I CERTIFY THAT THIS 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>10-02-23</u> ENGINE AD NOTES CHECKED THRU <u>96-09-10</u> DATE <u>11/2/96</u> ENGINE TOTAL TIME <u> </u> SIGN <u>MICHAEL HOLLEY 130021051A</u> SIGN <u>Michael Holley</u> -END-		
12/18/97	6081.2	Hobbs Inspected per Piper report. Serviced spark plugs. Compression: ① 72/80 ② 74/80 ③ 70/80 ④ 74/80 Checked controls. Replaced exhaust gasket, studs and nuts on #2 cylinder. Replaced air filter element. 100 hour inspection completed, no other repairs at this time. Dale E. Watter, AWP 1920985

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/18/97	81.3	Hobbs. Inspected and serviced I/A/W Piper check list. Note: oil not changed due to low time use. Test run engine. All temps and pressures normal. AD's checked thru 91-15-11. I certify that this engine has been inspected I/A/W annual inspection and has been determined to be in an airworthy condition. Michael Holley 139682165IA
1/2/99	Hobbs	139 SMOH 525 T.T: 4583.2 -END- Inspected engine and prop per Piper report. Compressions: ① 70/80 ② 72/80 ③ 72/80 ④ 74/80 Checked ducts, hoses and air filter. I certify this engine has been inspected in accordance with an annual inspection and found airworthy. Dale E. Watter 1920985 IA.

Engine

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/10/95	1807.8	c/w annual insp. IAW Piper form 230-209 ① 74/80 ② 70/80 ③ 76/80 ④ 75/80 SERVICED with 15W-50 shell. c/w AD 93-02-05 fuel in lines Replaced all clamps. Reattached prop. LEAK CK'd manifold press. line, Replaced all EXH GASKETS, #2 Removed FOR EXH. PORT REPAIR Re-installed with new Rings Replaced both MAG. INJECT & INLET SEAT HOSE. c/w LYCHT & BATT. AFTERMATH insp & found OK. Replaced WATER & ROCKER GASKETS AS REG'd
Air Mods & Repair Inc. Old Bridge Airport (3N6) 182 Pension Rd. English Town. N.J. 07726 (908) 446-0703		Time since last insp. <u>53.5</u> Dated <u>10/10/95</u> W.O. # _____ Signed <u>David Mathiesen</u>

Right

Time 0 SMH Date 7-1-92
I certify that this Engine
has been inspected in accordance
with ANAN inspection and was
determined to be in airworthy
condition.
Jimm 406 462544 FA
Signature

7/28/93

8/1/93 1639.2

RR #2 of the local community + Don
Bourgeois works under A. Bennett H&P 130320

I CERTIFY I HAVE INSPECTED THIS ENGINE A/C PROP
IN ACCORDANCE WITH AN ANNUAL INSPECTION
HARVEY D. BARNETT IA1302210

Henry Bond

Engine

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/7/94	Hobbs 1754.3	Annual Completed by Harvey Barnett Spruce Creek Florida see Aircraft Log
9/4/95	1807.7	Removed #2 Cylinder - Erosion problem. Sent Cylinder + PISTON Back To Standard Aircraft Parts N.C. Standard Aircraft

9/7/94

Hobbs

1754.3

Annual Completed by Harvey Barnett
Spruce Creek Florida

see Aircraft Log

9/4/95

1807.7

Removed #2 Cylinder - Erosion
problem. Sent Cylinder + PISTON
Back To Standard Aircraft Parts N.C.
Standard Aircraft

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	--

STANDARD AIRCRAFT ENGINE SERVICE, INC.
MODEL LIO-320-B1A SERIAL# L-3150-66C

Engine was removed from aircraft for major overhaul. Engine was disassembled, cleaned and inspected. All steel parts were magna-fluxed, all non ferros metals were zyglo inspected. Crankshaft was assembled using all new main bearings, all new rod bearings, all new rod nuts and bolts. Installed new crankshaft gear & bolt per A.D. Note 91-14-22 C/W/. Camshaft and lifters were reground see tag, installed all seals, gaskets, rubbers and hoses. All cylinders were cermichromed, installed all new seats and guides, new exhaust valves, reground intake valves, new valve springs and keepers. Installed all new pistons, new rings, piston pins plugs, exhaust studs. Starter, alternator and magnetos were overhauled, installed new impulse couplings on magnetos per A.D. Note. Installed new oil pump gears per A.D. 81-18-04 R2. Installed new spark plugs & ignition harness, fuel servo, flow divider, lines, and nozzels were overhauled. Prop govenor was overhauled see tag, installed new cylinder head temp probe/unit. Engine was overhauled in accordance with Lycoming overhaul manual 60294-7 and all A.D. Notes were complied with this date. 06/10/92 Hobbs 1508.2 TT 4058.2 Engine was installed back in aircraft, test run and returned to service this date. Gregg McConnell *by [Signature]* P#291783035

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	--

WARRANTY: Standard aircraft warrants this engine, including the accessories (if supplied), to be free from defects in material and workmanship furnished by Standard Aircraft for 360 hours or 12 months which ever comes first. This engine, excluding accessories, is further warrant to be free from defects in material furnished by Standard Aircraft until T.B.O. on a pro-rated basis on parts. For the calculated pro-ration a minimum of 40 hours per month from the date of overhaul will apply. To exercise this limited warranty, Standard Aircraft must be promptly notified in writing of the discovery of any defect or failure, fully describing such defect or failure to:

Standard 

Aircraft Parts, Inc. Post Office Box 988 • Denver, North Carolina 28037

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-1-91	3967.7 Hr.	1867.98 SMOH 1417.7 Hobbs 100 hour inspection completed on this date. Checked mag timing. C/W 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. AYP 83447932		
DATE <u>JUNE 1, 1991</u> LP IN SERVICE <u>1867.98</u> AD'S CHECKED THRU: <u>91-09</u> I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Ruby Green</u> NUMBER: <u>AF-1176173</u>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/21/91		Retimed mags. chg. to left mag. <u>Donny P. Smith AYP 1302410</u>
1/27/92	<u>Hobbs</u> 1497.3	Replaced both magnetos with new Slick model 4330. Timed to engine, checked operation. See tags.
		<u>Dale E. Walter AYP 19209825</u>
1/28/92	<u>Hobbs</u> 1497.3	Above magnetos replacement required new harness. Installed same per Slick instruction sheet.
		<u>Dale E. Walter AYP 19209825</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4/11/89	1554.1	Hobbs 1200.1 comp ck complete all cpl over 89.5 75/80 cleaned & lub as necessary
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		TIME IN SERVICE <u>1200.1</u> <u>Thom D. Bennett</u> TACH TIME <u>13022101A</u>
5/20/90	1633.7	Hobbs 1239.6 comp ck complete all cpl over 75/80 Replace all Plugs with REMUE, Fixed 3 cigs. ck Timing, Replaced all intake Hoses & gaskets, chg oil & Filter, Filled with S&W Mobil 15W
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		TIME IN SERVICE <u>1633.0</u> <u>Thom D. Bennett</u> TACH TIME <u>1289.6</u> <u>13022101A</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

RH

MAKE Lyc MODEL 470-310 B/A SERIAL NO./N. NO. L-3150-66C

TACH READING	140117	DATE	3-25-91	PERFORMED	Comp check
--------------	--------	------	---------	-----------	------------

Readings as follows 1 7/80 2 7/80 3 7/80 4 7/80.

CHANGED ENGINE OIL checked FINDER SCREEN fan
CONTAMINATION none noted SERVICED ENGINE with
6.5 qt mobil 1 oil. CLEANED F/I NOZZLES.
ADJUSTED F/I SPEED & MIXTURE. ADJUSTED OIL
PRESSURE LEAK CHECK & RUN SATISFACTORY.

MATTITUCK AIRBASE INC.
F.A.A. Repair Station QX2R125L
W.O. No. 16546

 Markon P. Russell
Authorized Signature

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-6-85	3046.0	TTSmoH 946.28 Hobbs 542.0
		Checked compression, #1 79/80, #2 78/80, #3 78/80, #4 78/80, #5 180, #6 180; Changed oil 7.5 qts, sm 80L A & changed filter/inspected-cleaned oil screen; Cleaned-inspected-gapped-tested-rotated-spark-plugs; checked magnetos-breaker comp't-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. AIR FLTR
		Adj Idle Speed, Replaced Adj clamp main field PRES. LINE, Repositioned oil Cooler Line, Clw AD 73-07-04 Bendix Rotor & Coil Rod parts NOT in ZATHER mag (Rigw mag Red Plate 342021-#A04519) (Leat mag Red Plate 342021-#A04536) - I Certify This Eng has Been Insp by Annual Insp. & was Found Airworthy AP 157343070 FA
7-25-85	HOBBS 137.8	Changed oil + Filter (AMSOIL C/S) Replaced Spark plugs with SERVICEABLE UNITS C/S Kuntanym 1A1161718

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
02/02/86	3173.5	SmoH 1053.8 - CLEAN ENG AIR INDUCTION BOXS & INST NEW FILTERS - INST 8 NEW REMOVED PLUGS - RESET GOV, - BURNISH PROP BLADES & PAINT. CHANG OIL TO 8QTS AMSOIL-SCREEN 2msa "OK" INST NEW 4" AIR INDUCTION DUCT REMOVED CHECK & CLEAN & REINSTALL ALL INJECTIONS "OK" - REMOVED CAMMATIONS & INST; ALTERNATORS (ALOR MIT 1215A) SER 337 THIS DATE. Comp 75 75 78 78 (COLD) "OK" CLEAN & WASH ENG DOWN ADD CHN to DATE H 545 2143541 ALSO INST NEW 1/2 OIL FILTER A/D 81-18-04 R2 DUE @ 2000 SMOH
	709.5	
		I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Hr. TT 3173.5 Date 02-02-86 In. S.M.O.H. 1053.8 A&P-IA2143541 Kuntanym 1A1161718
October 2, 1986		Performed the following maintenance: Replaced socket cover gaskets #1 & #3, repaired wire to oil temp sender, Dale E. Hatter A&P 1920985 at Spruce Creek Aviation

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

S/N changed?

RTENG

MAKE LYC

MODEL L10 320 B1A

SERIAL NO./N. NO.

L-3150-66 C

TACH READING

440.4 h0665.

DATE 5-11-84

Remove #4 cyl. Light hone cyl
walls, Replace Piston Rings. Reinstall #4 cyl
with new gaskets and seals. Adjust idle
leak and operational check satisfactory.
PIC test flown

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



Maarten P. Russell
Authorized Signature

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
						I certify that this ENGINE has been inspected in accordance with LOCHN/MANURE inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this repair station under W.O.# C3051
						Date 1-3-83 T.T. Signed [Signature] Ar 216850TH for Sirocco Aviation Corp. FAA Certified Repair Station #161-7 Linden Airport, Linden, N.J. 07036
						Sirocco Aviation Corp. FAA Certified Repair Station #161-7 Linden Airport, Linden, N.J. 07036
						Pertinent details of the repair are on file at this repair station under order:
						W.O.No. 2232 CL Date: 11-18-83

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-3-84	339	- RTR ROCKER BOX OIL RETURN LINE - OILED OIL SAMPLE / CUT OPEN + INSPECTED BOTH FILTERS - REG'D LOOSE FELT AND ENG / DESAFTED OIL TUBE - REPLACED #2 ENG ALT GROUND WIRE / REINSTALLED SHIELDING TO MAG P-LEAD NUTS / DESAFTED #2 ENG ^{OIL PRESSURE} WIRE RTR #2 ENG CTR MAG IMP COUPLINGS RTR FUEL OIL DRAIN HOSE / OILED PROP BLADES STAMPED #2 ENG MAGS TO CW AD 92-20-01 (IMP FLYWT. HARDNESS TEST) / T/S EGT SYST RTR #2 #1 CY / AS REQ'D / RTR FUEL SUMP DRAIN HOSE #2 ENG CW BENDIX RECUR AD 79-09-07(R3) (IMP COUPLERANCE)
		Checked compression, #176 /80, #276 /80, #370 /80, #477 /80, #5 /80, #6 /80; 8 QTS AERO SHELL 15-50W

ENGINE DESCRIPTION *RIGHT ENG*

MANUFACTURER *Lycoming* MODEL *LTIO 320 B1A*

SERIAL NUMBER *L 3150-66C* DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

ENGINE LOG

R^R



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

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						
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. HOURS <u>204.1</u> TIME IN SERVICE <u>2713.1</u> TT HOURS MECH. <u>Jimmy Meigen</u> CERT. <u>1425629 AJ</u> DATE <u>12-2-82</u> POINTS REPLACED EXT. GASKETS WITH BLOW PROOF GASKETS #2 CYL OVERHAULED - BAD EXT VALVE GUIDE - COMPRESSION CHECK MADE #1 $72/80$, #2 $73/80$, #3 $77/80$, #4 $72/80$ ALL AD NOTES CHECKED TO DATE, ENG WASHED AND RUNUP PERFORMED, OVERHAULED PROP INSTALLED SEE PROP TOTAL TIME <u>MANUAL - END -</u>				OIL AND OIL FILTER CHANGED AND INSPECTED 7 QTS AERO- SHELL 15/50 AD OIL ADDED SPARK PLUGS CLEANED INSPECTED AND TESTED AND GAPPED CHECKED AND LUBED ENG CONTROLS FOR SECURITY AND PROPER TRAVEL RETIMED BOTH MAGNETES TO PROPER SETTING CHECK BREAKER					

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 <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR & Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>286.1</u> HOURS TIME IN SERVICE <u>2790.1</u> TT HOURS MECH. <u>Robert W. Mann</u> CERT. <u>137403046 AJP</u> DATE <u>6/16/83</u> FOLLOWS #1 $72/80$, #2 $71/80$, #3 $72/80$, #4 $77/80$ INTAKE AND EXT SYSTEMS CHECKED FOR INTEGRITY, PROPELLER DRESSED AND PAINTED AD NOTES CHECKED THROUGH B WEEKLY 83-10 SEE REAR OF AIRCRAFT LOG. ENG. WASHED AND RUNUP PERFORMED SATISFACTORILY <u>END</u>	OIL CHANGED, OIL FILTER CHANGED SERVICED WITH 7 QTS AEROSHELL 50W/AD OIL SPARK PLUGS CLEANED AND GAPPED AND TESTED, IGN LEADS CHECKED MAG TIMING VERIFIED, ENG CONTROLS CHECKED FOR SECURITY AND PROPER TRAVEL AND LUBED AS REQUIRED COMPRESSION CHECK MADE AS FOLLOWS #1 $72/80$, #2 $71/80$, #3 $72/80$, #4 $77/80$ INTAKE AND EXT SYSTEMS CHECKED FOR INTEGRITY, PROPELLER DRESSED AND PAINTED AD NOTES CHECKED THROUGH B WEEKLY 83-10 SEE REAR OF AIRCRAFT LOG. ENG. WASHED AND RUNUP PERFORMED SATISFACTORILY <u>END</u>

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	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo. Day	Ground	Air						
2-24-81		Tach 2416.7	Tach 2416.9 RH					WO#01236	
Changed oil and filter. (both eng)									
MADE IN ERROR LB									
11/2/81									
Date 11/2/81 T.T. 21 Hobbs									
I certify that this <u>Engine</u>									
has been inspected in accordance with a									
<u>Annual</u> inspection and was de-									
termined to be in airworthy condition.									
<u>Handwritten Signature</u>									
IA 157464957									
TOTAL TIME									

ENGINE LOG

REMARKS	SIGNATURE
1-21-82 Hobbs 70.8	WO#01736
Changed oil and filter. Removed #3 cyl for O/H and reinstalled.	
Cyl. O/H by Mattituck Airbase Inc., WO#30249.	
Added 150050 Multigrade Acrosnell	
Sirocco Aviation	
FAA Certified Repair Station #161-7	
Linden Airport, Linden, N.J. 07036	
<u>Handwritten Signature</u>	

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
		30			Change oil & filter (New Shell 65W)				21	44
					Dennis P. Kierman A/P 152323266					
4/16/79			Right Tach	2161.30	Repair exhaust stack					
					Dennis P. Kierman A/P 152323266					
9		18			Change oil & filter clean & gpp plug					
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>2222-04</u>		Date <u>9/18/79</u>			
<u>Dennis P. Kierman</u>					Dennis P. Kierman					
					A/P 152323266					
TOTAL TIME										

ENGINE LOG

REMARKS	SIGNATURE
10/8/80 THIS ENGINE INSPECTED IAW A 100 HOUR INSPECTION - COMPRESS CHECK SHOWS ALL CYLINDERS 79/80.	TT 2333.05
Michael Gairin A/P 141125622	
I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition Tach Time 2333 10/9/80	
Dennis P. Kierman I A 152323266	
NOTICE: Making a false statement in this log is punishable by Civil Penalty.	

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
		Change oil Replace oil filter							
		Tach 2040 May 17 1978 P 1248066							
		Stephen J Murphy							
9/8	78	Rt. Tach 2099.72		Convert engine to counter					
		AD 78-7-4 due in		rotation as per Piper Kit 760					
		2000 hrs AD 78-9-7 due		and Lycoming instructions.					
		in 1000 hrs.		Lycoming Service instructions					
				Nos 1183 & 1225 have been comp					
				with by Mattituck Airbase Inc. A					
				cylinder have been OH'd by Matt					
				New pistons, rings, lifters & lifter					
				bodies installed. Engine model					
				number changed to L10-320					
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
Engine Model L10-320-BIA, SERIAL # L-3150-55A Major Overhaul. This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. 9/8/78 Dennis P. Korman R & P 152323266	
AD 78-26-09 C/w Labelled overhauled per + Governor AD 77-12-06 C/w this date by Hertzell. Overhaul & replacement system installed. The Earl	
I CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. TIME IN SERVICE HRS. DATE 9-8-78 TACH 2099.72 Authorized Signature: [Signature] PATRICK MURPHY FLIGHT EXPERT CARGO MAINTENANCE WILMINGTON, DE	

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

Engine Serial

Date

Year

Mo.

78

1

ENGINE LOG

REMARKS

SIGNATURE

Compression test readings #1-78, 2-79, 3-79, 4-76
Oil and oil filter element changed 8ybs AD-80
Bottom spark plugs changed 4 - R6M40E
Installed clips #55447-02 to C.W. Piper J.B. # 515.
work order # 986A.

Date 8/24/77 Total Aircraft Time 1950 I certify this
engine has been inspected in accordance with a 277421
inspection and was determined to be in airworthy condition.

Signature C E LaFleur A&P No. 620639IA.

LaFleur Airport, Northampton, Mass.

ENGINE LOG

REMARKS

SIGNATURE

7-15-76 Tach 1845

Took Permater oil sample

P. Connor 1628408 IA

1-7-77 CHANGED oil ADDED 8 qts AD65 Jones Talign 14426425

1-26-77 Tach 1881

① Cleaned injector screen and all
are bleed nozzles - welded crack
in exhaust manifold #4 cyl

Peter Connor 1628408 IA

3-16-77 Tach 1923

① Changed oil - 8 qts AD80

P. Connor 1628408 IA

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 1821 ; A & P NAME Charles D. Don

NUMBER 1882308 : DATE 5-28-26

① Checked compression

#1 80/79 #2 80/75 #3 80/71 #4 80/74

② Checked and adjusted magneto timing as nec.

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

④ Took Permatex oil sample. - Results indicate normal as were

⑤ Washed and lubed engine.

⑥ Replaced tach. drive cable.

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 1800 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 H. Cole, Jr. A&P No. 1067001

LaVoor Airport, Northampton, Mass.

Box - replaced all push rod seals and new
rocker box gaskets. compression readings 79/80
78/80 79/80 77/80

Oil changed serviced
8 qts. 40-80 oil-filter
element replaced-oil
+ fuel screens checked
Repaired alt. air

Engine Serial

NC...153397,....

[illegible]

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

NC

Date	R. P. M.	Ground Time	Air Time	Total Time
Year Mo. Day		Hrs. Min.	Hrs. Min.	Hrs. Min.
74 Mo. Day	Ground Air			
Date 10/14/74		Total Aircraft Time 16.01	I certify this	
Engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition.				
Signature [Signature]		A&P No. 2213978		
		LaFleur Airport, Northampton, Mass		
2-20-75	CLEANED + RECAPPED SPARK PLUGS - INSTALLED NEW INJECTOR NOZZLE IN #4 CYLINDER - REMOVED AND CLEANED OTHER 3 NOZZLES PER LYCOMING S.I. 1275			
	INSTALLED OF 11A OIL FILTER - INSTALLED 9 QTS #30 TEXACO A.D. OIL CHECKED COMPRESSION #1 78/80 #2 74/80 #3 76/80 #4 75/80 P.A. 340 ATP 1267674			
TOTAL TIME				

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

ENGINE LOG

REMARKS	SIGNATURE
Removed both mags to C.I.D with AD 74-26-09 and 73-7-4. replaced both bushings #10-163049. check fuel divider for AD 75-09-15 gasket o.k. Oil and filter element changed 8 yts AD-80	
Date 5-7-75 Total Aircraft Time...17.03... I certify this engine has been inspected in accordance with a...annual work order inspection and was determined to be in airworthy condition. 654 A.	
Signature...C.E. Cat... A&P No. 6465091A	
LaFleur Airport, Northampton, Mass.	

§ 1028 punishable by Civil Penalty.

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

Life. Serv. Bullet - 342. Last-Cel
Kit - new 12245.

Renewed right bottom mount
rubbers p/n 475-116 & 475-117.

Renewed right manifold drain valve
p/n 24995-00

Changed oil Aeroshell 100. Renewed
filter element p/n 05. 11A.

REPAIR S-A.
810-4F

Time On TACH
1544 hrs.

19th August 1974

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

Human O. Gen ATP 2084230

NOTICE

1028 punishable by Civil Penalty.

Engine Serial

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

SIGNATURE

REMARKS

removed left mag to realign broken points, clean points, reset and tune magneto	
removed right magneto, realigned points, complied with AD 73-7-4, reset points + timed magneto	
change oil + clean screen, add gals AD-80	
4 new REM40F spark plugs in bottom holes	
service propeller air change	- compression
install new AAF105 air filter	#1 78/80 #2 78/80
install EGT probe	#3 77/80 #4 78/80

Date 14 Dec 73 Total Aircraft Time 1343.8.1 I certify this
engine has been inspected in accordance with a LOOH.R.
inspection and has determined to be in airworthy condition.
Signature [Signature] A & P No. 2226442

~~LaFleur Airport, Northampton, Mass.~~

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

Serial		N C							
Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
73	7 20	1231.55							
TALK ANNUAL MSP COMPLETED THIS DATE, CHANGED OIL AND OIL FILTER ELEMENT (AERO SHELL 50 DET) CLEANED, REGAPPED, TESTED ALL SPARK PLUGS, COMPRESSION TEST #1-78/80, 2-80/80, 3-80/80, 4-78/80, CLEANED ALL FUEL INJECTOR NOZZLES, CHECKED & LUB ALL ENG CONTROLS, CHECKED MAG TIMING & RETIMMED AS REQUIRED, RETIGHTENED ALL ROCKER COVER SCREWS, CHECKED STARTER & GENERATOR BRUSHES, CHECKED EXHAUST AND FUEL SYSTEMS FOR LEAKS, RECHARGED R/PROP WITH NITROGEN-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-hour annual inspection as required by FAR 43 and found to be in an airworthy condition.	
Tachometer reading	1231.55
Total Time	1231.55
Date	7-20-73
Airworthiness Directives checked thru 73-13-9 and if applicable are listed in rear of this book.	
Date	7-20-73
Signature	<i>[Signature]</i>
Cert. No.	MSP CRS 362-11
Cape Central Airways Inc., Municipal Airport	
Cape Girardeau, Mo. 63701 CRS 362-11	

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

ENGINE LOG

SIGNATURE

REMARKS

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

Date 6/2/11
Signature Phoebe Campbell

Cert. No. 44P506691

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

7-11-73	C/W AD 73-10-2 PRR a <i>Richard M. Kelly Jr.</i>	INSP CRS 362-11
		1038 punishable by Civil Penalty.

NOTICE:—Making application under section 6 of the Civil Aeronautics Act of 1938, pursuant to which

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

SIGNATURE

REMARKS

DATE: JUNE 3, 1971

$$\pi: 1011.98$$

~~100 HR~~ ANNUAL INSPECTION COMPLETED.

ANNUAL INSPECTION COMPLETE
REPLACED FOLLOWING PARTS ON BOTH MAGS, SERIALS 958403, 458410.
BEARINGS, CAPACITOR, CONTACT ASSEMBLY, OIL SEALS, DISTRIBUTOR
BLOCK, DISTRIBUTOR GEAR AND CONTACT BRUSH. REPLACED FOLLOWING
PARTS ON GENERATOR, SERIAL , BEARINGS, BRUSHES, AND
BREATHER TUBE. CHANGED OIL AND FILLED WITH SHELLSOL,
INSTALLED NEW OIL FILTER. WELDED CRACKS ON ALTERNATE
AIR BOX AND REPLACED ACTUATOR ARM AND HINGES.
COMPRESSION CHECK - #1 80/68, #2 80/64, #3 80/67, #80/70.
PROP. AIR CHARGE TO 50 PSI. INSPECTED STARTER BRUSHES,
CLEANED FUEL STRAINER, CLEANED INJECTION NOZZLES.
INSPECTED, CLEANED, AND TESTED SPARK PLUGS, IGNITION
HARNES AND CIGARETTES. PAINTED PROP TIPS YELLOW.
VISUALLY INSPECTED LORD MOUNTS, COWLING, ENGINE BRAFLING,
FIREWALL, LINES AND NOSES, AND CLAMPS. CHECKED INTAKE
AND EXHAUST MANIFOLDS. CHECKED ENGINE CONTROL MOVEMENT

AND EXHAUST MANIFOLDS. CHECKED ENGINE

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

INSPECT. AUTH.

SIGNATURE

REMARKS

Compression test

No 1 -	80/70
2 -	80/62
3 -	80/70
4 -	80/75

Tachometer reading	834.0
Total time	834.0

Date 5-8-70
Signature Jack E. Gremore
JACK E. GREMORE A&P AI 1418450
Cape Central Airways Inc., Municipal Airport
Cape Girardeau, Missouri 63701

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, 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
6/2.68 HRS. ON TACH.

10-4-68

10-4-68
100 Hrs. inspection completed this date as per S.O.A.
inspection forms. Oil screens ^{NOT} inspected. Clean,
regap, & tested all spark plugs. Replaced #1 - & 3 push rod
housing seals. Retained both mag's. Replaced gen.
belt. Replaced inlet air hose.

I certify that this F-4G 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 612, 68

Southern Ohio Aviation Co. FAA Repair Station 4139
Montgomery County Airport, Dayton, Ohio
Signed W. B. Paulsen, Jr. Aut. Person

Act of 1938, punishable by Civil Penalty.

4-12-68

ENGINE LOG

SIGNATURE

REMARKS

100Hr Engine Check.
Change oil. Change filter. Clean screens. Check
compression. Clean set and test spark plugs.
Check magneto's. Check engine controls.
Clean injector nozzles and screens. Wash down
engine. Lubricate engine controls.
Donald Griffith AE1831

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

Donald Griffith IA 1831
Mechanic Cert. No.

QUEEN CITY FLYING SERVICE, INC.

HANGER 3, LUNKEN AIRPORT

CINCINNATI, OHIO 45226

4-12-68

Date

400:00

Time on Aircraft

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

ENGINE LOG

1-18-68

SIGNATURE

REMARKS

100 hr Check.

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

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

Ronald Griffith AE 1831
 Mechanic Cert. No.

1-18-68

Date

300 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

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. Ronald Griffith AE1831

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

Ronald Griffith AE1831

Mechanic

Cert. No.

9-12-67 200 00 Hrs

Date

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.

6-24-67

ENGINE LOG

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 engines.
 Lubricate engine controls. Donald Sniffith AE1831

I certify that this ~~Aircraft~~ ^{ENGINE} has been inspected in
 Accordance with a ~~Annual~~ ^{ANNUAL} inspection and was
 Determined to be in Airworthy Condition"

Donald Sniffith AE1831

Mechanic

Cert. No.

LA-

6-24-67

100 Hr

Time on ~~Engine~~ ^{ENGINE}

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.

AVCO LYCOMING AIRCRAFT ENGINE

MODEL IO-320-B1A TC 1E12

ENG. NO. L-3150-55A PC 1

FUEL-OCT. MIN. 91/98 PROP. RATIO

TAKE-OFF (5 MIN.) H.P. AT R.P.M.

NORMAL RATED 160 H.P. AT 2700 R.P.M.

CRITICAL ALT. FT. VALVE CL. COLD

PATENT NO'S. SPK. 259

AVCO **LYCOMING DIVISION - AVCO CORP.**
WILLIAMSPORT, PA., U.S.A.

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. Avco Mfg. Corp.
Address Williamsport, Penna.

Model IO-320-B1A H. P. 160 Serial No. L-3150-55A

Stroke 3.875 Manifold Pressure { Normal
Maximum

Bore 5.125

R.P.M. { Normal 2750 Cruise B.H.P. { Normal 160
Maximum 2700 Maximum

Gear Reduction Ratio direct drive Rotation of Propeller clockwise
C/P C/W

Certified Correct Date

OWNER { Name
Address

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