



The Standard

ENGINE LOG

ASA-3E-1

PLANE WERKS (828) 286-1474 N7670P

June 15, 2010 TACH: 1734.1 TTSMOH: 1693.1

INSPECTED ENGINE IAW LYCOMING MANUAL. DRAINED OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILLED w/AEROSHELL 50w PLUS. REPLACE AIR FILTER BA-3. CLEANED AND RE-GAP SPARK PLUGS.

COMPRESSION CHECK: 1-74/80, 2-71/80, 3-73/80, 4-73/80.

AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE.

RUN-UP, LEAK CHECK O.K.

RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END

DATE: June 2010

TACH: 1734.1 TTSMOH: 1693.1

I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Russell M Hyde

Russell Hyde 242744527 AI

is, Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repairer for specific entries.)

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Mountain Aviation, LLC

1413 Sunbury Rd
Danville PA 17821

Reg# N7670P

15 April 2023

ETT: 3670.9

TSMO: 1700.9

Tach 1741.9

Annual Inspection as follows. Clean engine. Run engine to operating temperature. Drain oil and remove filter. Cut filter for inspection. No contaminants found. Installed 8 qts of Aeroshell 100W oil and 8 oz of CamGuard, Removed, cleaned, gapped and tested Spark Plugs. Checked cylinder compressions as follows. 1. 70/80 2. 70/80 3. 73/80 4. 70/80. Removed Magnetos for overhaul. Reinstalled and timed mags to engine. Cleaned fuel sumps and carburetor drain. Removed old Delco Remy starter and installed serviceable Sky Tec starter. Installed new carburetor air filter p/n BA-3. Replaced Alternator belt p/n 15320. Ground run Ops and leak check (satisfactory). I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

Name: Jon R Payne

Signature: *Jon R Payne*

Certificate: A&P 2606202 IA

PLANE WERKS (828) 286-1474 N7670P

March 18, 2008 TACH: 1715.7 TTSMOH: 1674.7

INSPECTED ENGINE IAW LYCOMING MANUAL. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W PLUS. REPLACE AIR FILTER BA-3. CLEAN AND RE-GAP SPARK PLUGS.

COMPRESSION CHECK: 1-75/80, 2-74/80, 3-78/80, 4-74/80. AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE. RUN-UP, LEAK CHECK O.K. RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END

18, Tests, Repairs and Alterations

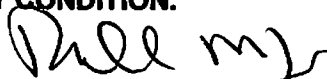
Name, Rating and Certificate Number of Technician or Repairer (see specific entries.)

DATE: Mar 08

TACH: 1715.7 TTSMOH: 1674.7

I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:



Russell Hyde 242744527 AI

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairer (see back pages for other specific entries.)

PLANE WERKS (828) 286-1474 N7670P

April 6, 2009 TACH: 1722.6 TTSMOH: 1681.6

INSPECTED ENGINE IAW LYCOMING MANUAL. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W PLUS. REPLACE AIR FILTER BA-3. CLEAN AND RE-GAP SPARK PLUGS. REPLACED CLY #2 EGT P/N P-110.

COMPRESSION CHECK: 1-77/80, 2-74/80, 3-77/80, 4-76/80. AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE. RUN-UP, LEAK CHECK O.K. RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

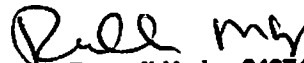
END

DATE: April 2009

TACH: 1722.6 TTSMOH: 1681.6

I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:



Russell Hyde 242744527 AI

DATE

PLANE WERKS (828) 286-1474 **N7670P**

Tests, Repairs and Alterations

(Rating and Certificate Number of Technician or Repair specific entries.)

19. **February 27, 2007 TACH: 1683.0 TTSMOH: 1642.0**

INSPECTED ENGINE IAW LYCOMING MANUAL. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W PLUS. REPLACE AIR FILTER BA-3. CLEAN AND RE-GAP SPARK PLUGS.

COMPRESSION CHECK: 1-74/80, 2-71/80, 3-74/80, 4-72/80.

AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE.

RUN-UP, LEAK CHECK O.K.

RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END

DATE:

TACH: 1683.0 TTSMOH: 1642.0

I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Russell M. Hyde

PLANE WERKS (828) 286-1474 **N7670P**

Tests, Repairs and Alterations

(Rating and Certificate Number of Technician or Repair specific entries.)

April 6, 2009 TACH: 1722.6 TTSMOH: 1681.6

INSPECTED ENGINE IAW LYCOMING MANUAL. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W PLUS. REPLACE AIR FILTER BA-3. CLEAN AND RE-GAP SPARK PLUGS. REPLACED CLY #2 EGT P/N P-110.

COMPRESSION CHECK: 1-77/80, 2-74/80, 3-77/80, 4-76/80.

AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE.

RUN-UP, LEAK CHECK O.K.

RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END

DATE: April 04

TACH: 1722.6 TTSMOH: 1681.6

I CERTIFY THAT THIS ENGINE/ PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED:

Russell M. Hyde
Russell Hyde 242744527 AI

PLANE WERKS (828) 286-1474 N7670P

Dec. 29, 2004 TACH: 1627.7 TTSMOH: 1586.7

INSPECTED ENGINE IAW 100 HOUR INSPECTION. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W. REPLACE AIR FILTER BA-3. REPLACE LOWER FORWARD ENGINE MOUNTS P/N J7402-1. CLEAN AND RE-GAP SPARK PLUGS. COMPRESSION CHECK: 1-72/80, 2-70/80, 3-74/80, 4-76/80. AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE. RUN-UP, LEAK CHECK OK - RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END DATE: Dec 24

TACH: 1627.7 TTSMOH: 1586.7

I CERTIFY THAT THIS ENGINE/PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: *Russell M Hyde*

Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repair specific entries.)

PLANE WERKS (828) 286-1474 N7670P

February 27, 2006 TACH: 1656.0 TTSMOH: 1615.0

INSPECTED ENGINE IAW 100 HOUR INSPECTION. DRAIN OIL, REPLACE FILTER CH48110, PARTICLE CHECK OK. REFILL W/AEROSHELL 50W PLUS. REPLACE AIR FILTER BA-3. CLEAN AND RE-GAP SPARK PLUGS. INSTALL UBG-16 ENGINE MONITORING SYSTEM 337 FILED THIS DATE. COMPRESSION CHECK: 1-76/80, 2-72/80, 3-78/80, 4-78/80. AD'S CHECKED, SEE COMPLIANCE RECORD THIS DATE. RUN-UP, LEAK CHECK O.K. RETURNED TO SERVICE.

RUSSELL M. HYDE: AI#242744527

END

DATE: Feb 26

TACH: 1656 TTSMOH: 1615.0

I CERTIFY THAT THIS ENGINE/PROP HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: *Russell M Hyde*

Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repair specific entries.)

PLANE WERKS (828)286-1474 **N 7670P**

August 21, 2002, Tach: 1523.27

Tests, Repairs and Alterations
Name, Rating and Certificate Number of Technician or Repair Facility (See specific entries.)

REPAIR LEFT FRONT BAFFLING & CARB HEAT MUFF SHROUD.
REPLACE EXHAUST STACK P/N-K212-092-09 & CROSS OVER PIPE
P/N K21-092-17D.

RUSSELL M. HYDE: AI#242744527

END

Russell M Hyde

PLANE WERKS (828)286-1474 **N 7670P**
November 6, 2002, Tach: 1539.6 TTSMOH:1498.6

INSPECTED ENGINE IAW PIPER PA-24 MANUAL. DRAIN OIL,
REPLACE FILTER;CH48110, PARTICLE CHECK OK, REFILL
W/AEROSHELL 50W. REPLACE AIR FILTER; BA-3, CLEAN AND
RE-GAP SPARK PLUGS. COMPRESSION CHECK: 1-80/80, 2-
80/80, 3-80/80, 4-80/80. AD'S CHECKED, SEE COMPLIANCE
RECORD THIS DATE. RUN-UP, LEAK CHECK OK, RETURN TO
SERVICE

RUSSELL M. HYDE: AI#242744527

END

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19__				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: Nov 2002

TACH: 1539.6 TTSMOH: 1498.6

I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 HR.
ANNUAL INSPECTION & WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

SIGNED: *Russell M Hyde*

Russell Hyde 242744527 AI

PLANE WERKS (828)286-1474 7670P
OCT 28, 2001 TACH: 1351.9
TT SMOH: 1310.9

s, Tests, Repairs and Alterations
 ame, Rating and Certificate Number of Technician or Repair
 ir specific entries.)

(CONTINUED)

COMPARTMENT P/N SCAT-8 & -12, FILLED ENGINE WITH 8 QTS
 AEROSHELL 50W, REPLACED NO 2 INTAKE GASKET, ENGINE
 WASHED & RAN & RETURNED TO SERVICE.

RUSSELL M. HYDE AI#242744527

END

DATE: Oct 28 2001 TACH TIME: 1351.9
 T.T.SMOH: 1310.9

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
 ACCORDANCE WITH A 100HR/
 ANNUAL INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION
 SIG.: Russell M Hyde

242744527 AI

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Entries must be endorsed with Name, Rati Facility. (See back pages for other specific
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PLANE WERKS (828)286-1474 7670P

Dec. 14 2001 TACH: 1388.0

REMOVED & REPLACED GENERATOR P/N 1101915, REF AERO
 ELECTRIC WO62957. REPLACED VOLTAGE REG. P/NVR300-14-
 50 SYSTEM CK. RETURN TO SERVICE

RUSSELL M. HYDE AI#242744527

END

Russell M Hyde

PLANE WERKS (828)286-1474

DATE: Dec 20 2001 TACH TIME: 1338.1
 DRAINED OIL / REFILL w/ 8 QUARTS 50W
 CHANGED FILTER / REPLACED w/ P/N n/a
 PARTIAL CHECK OK / CHECKED FOR LEAKS - OK
 RUN-UP CHECK OK RETURN TO SERVICE

RUSSELL M. HYDE AI#242744527

END

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1001		Tach		
MAY 20	20	1317.7		Completed in AD 96-09-10
			MAY 20 2001 TACH 1317.7	
				INSTALLED NEW OIL PUMP HOUSING P/N 78531
				NEW OIL PUMP GEARS P/N 05K19423-S PER AD 96-09-10
				NEW OIL PUMP GEAR SHAFT P/N 78531
				NEW FUEL PUMP P/N LW 15472 PER AD 93-11-11
				NEW PROP GOV LINE P/N LW 12920 PER AD 90-04-06 RI
				NEW GASKET SET ALL WORK PERFORMED USING LYCOMING SERVICE MANUALS & PROCEDURES GROUND RUNUP (GOOD)
				A/C RETURNED TO SERVICE
				Toy Lou AR-239048123

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19			
			PLANE WERKS (828)286-1474 7670P
			OCT 28, 2001 TACH: 1351.9
			TT SMOH: 1310.9
			INSPECTED ENGINE IN ACCOURDANCE WITH 100 HOUR
			INSPECTION. CYL #1 - 74/80 , CYL #2 - 70/80, CYL #3 - 72/80, CYL
			#4 - 70/80, REPLACED #4 CYLINDER WITH OVERHAULED UNIT
			REFERENCE TRIAD AVIATION W/O 12275, USING NEW SEALS,
			GASKETS, AND RINGS, REPLACED HEAT MUFFLER SHROUD P/N
			W23507, REPLACED LOWER ENGINE MOUNTS P/N J7402-5,
			REPLACED NUMEROUS SCAT TUBING IN ENGINE ENGINE
			(CONTINUED)

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2000 10/6/2000	1277.5	TACH		INSPECTED ENGINE IAW Piper PA 24 SERVICE MANUAL. CHANGED OIL AND FILTER. SERVICED WITH AEROSHELL 100. CLEANED SCREEN. CLEANED GAPED TESTED ALL SPARK PLUGS. CHECKED MAGNETO TIMING. COMPRESSION CHECK OF ENGINE #1 $\frac{71}{80}$ #2 $\frac{75}{80}$ #3 $\frac{75}{80}$ #4 $\frac{70}{80}$. WASHED ENGINE RUN UP, NO LEAKS NOTED.
	1236.5	SMOH		
				DATE: 10/6/2000 TOTAL TIME 1236.5 SMOH
				I CERTIFY THAT THIS ENGINE
				HAS BEEN INSPECTED IN ACCORDANCE
				WITH 100 HRS./ANNUM INSPECTION AND
				WAS DETERMINED TO BE IN AN AIRWORTHY
				CONDITION. <i>John P. Kuni</i> A2.30903092 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2001 10	1314.80			DRAINED OIL CHECKED SCREEN FOR CONTAMINANTS NONE FOUND ADDED 8 OZS AEROSHELL 100W / LUBE CABLES CHECKED HOSES / BELTS (GOOD) CORROSION X FIREWALL FORWARD GROUND RUNUP CHECK / MAGS / CARB HEAT PROP / (GOOD) RETURNED TO SERVICE
				<i>Tom Cow</i> 239048123 AF END

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/27/98	1188.5 1147.5	TACH SMDH		1) COMPRESSION CHECK #1 75/80 #2 75/80 #3 74/80 #4 75/80
				2) CHANGED OIL AND AND CLEANED OIL SCREEN FILLED W/ 8 QTS AEROSHELL W100.
				WASHED DOWN AND GRND CKD. NO LEAKS NOTED.
				DATE 8/27/98 TOTAL TIME 1147.5 SMDH
				I CERTIFY THAT THIS ENGINE _____
				HAS BEEN INSPECTED IN ACCORDANCE
				WITH 100 HRS/ANNUAL INSPECTION AND
				WAS DETERMINED TO BE IN AN AIRWORTHY
				CONDITION. <i>[Signature]</i>
				A6230903092IA

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/27/99	1236.9 1195.9	TACH SMDH		1) COMPRESSION CHECK #1 70/80 #2 78/80 #3 75/80 #4 70/80
				2) CHANGED OIL AND CLEANED SCREEN. FILLED W/ 8 QTS AEROSHELL W100.
				3) REPLACED ALL EXHAUST GASKETS PN#77611 AND NUTS STD1410.
				4) ALL FUEL LINES IN ENGINE COMPARTMENT REPLACED. DATE 9/27/99 TOTAL TIME 1195.9 SMDH
				I CERTIFY THAT THIS ENGINE _____
				HAS BEEN INSPECTED IN ACCORDANCE
				WITH 100 HRS/ANNUAL INSPECTION AND
				WAS DETERMINED TO BE IN AN AIRWORTHY
				CONDITION. <i>[Signature]</i>
				A6230903092IA

Engine Record General Information

Manufacturer LYCOMING Model ~~EO-360~~ D-360-A1D

Serial RL-493-36B Type Certificate _____

This engine is currently installed in aircraft N7670P PA24-180 SN#24-2883

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

THIS LOG BOOK STARTED FROM RECORDS ON
FILE AT CORPORATE AIR FLEET, INC.

Mey Small
DIRECTOR OF MAINTENANCE

ENGINE LOG



PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

CHECK

ENGINE CHECK REPORT

Engine Serial

OPERATION PERFORMED	Date	Date	Date	Date	Date
	Checked	Checked	Checked	Checked	Checked
Total Engine Time	(A) Check May timing				
Fuel Systems, lines gascolator and carburetor	(B) Install new exhaust gasket Cyl # 3				
Lubrication system, oil tank, lines, strainers and pump	(C) Wash down engine - no leaks noted.				
Cooling system, cowling, Baffles, lines and fittings	D. E. Duncan Jr. AEP 241744048				
Valves, push rods and rocker arms					
Ignition, wires, plugs, points and shielding	May 18, 1981: Jack Time: 1942:61				
Engine manifold and motor mount, bolts and nuts	(1) Change Oil Aerishev SAE 50w.				
Propeller Condition & Alignment	(2) Check & Clean Main Oil Strainer Assy.				
Oil changed answer Yes or No	(3) Remove, clean, gap test + reinstall Plug (Sorgue)				
	(A) Wash down engine.				
Certified by	D. E. Duncan Jr. AEP 241744048				
E License No.					
Address					

NOTICE:—Making false entries in this book is a violation of the Civil

CHECK ENGINE CHECK REPORT Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	(4) Check + timed mag.				
Fuel Systems, lines gascolator and carburetor	(5) Remove flight exhaust stack welded.				
Lubrication system, oil tank, lines, strainers and pump	(6) Install new celt hose as needed				
Cooling system, cowling, Baffles, lines and fittings	(7) Rocker cover gaskets Cyl #1 Installed				
Valves, push rods and rocker arms	(8) Wash down engine				
Ignition, wires, plugs, points and shielding	P. E. Duncan Jr. AEP 241744048				
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment					
Oil changed answer Yes or No	Aug-19-1980 Tach Time: 1875:62				
Certified by	(1) changed oil - Clean oil Strainer Assy AEROshell SAE-50W.				
E License No.	(2) Repair oil leak - Seals on Engine to oil				
Address	Cooler Box P. E. Duncan Jr. AEP-1293651				

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

Engine Serial ENGINE CHECK REPORT CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	Jan. 2, 1981 Tach Time: 1915:17				
Fuel Systems, lines gascolator and carburetor	(1) Change Oil Aerashell SAE-50W.				
Lubrication system, oil tank, lines, strainers and pump	(2) Check + Clean Main Oil Strainer				
Cooling system, cowling, Baffles, lines and fittings	(3) Wash down engine				
Valves, push rods and rocker arms	P. E. Duncan Jr. AEP 241744048				
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment	Jan. 28, 1981 Tach Time: 1922:30				
Oil changed answer Yes or No	100 hr inspection in accordance with Piper PA-24 Service Manual.				
Certified by	(1) Compression Checked: Cyl #1-75, #3-76, #2-76, #4-78				
E License No.	(2) High Tension lead tested (Harness)				
Address	(3) Remove, clean gap test re-install Plug/Spark				

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				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
October	20, 1978			Tack Time: 1738:98					
				① Change Oil AeroShell SAE-50W					
				② Check & Clean Main Oil Strainer Assy.					
				③ Wash Down Engine					
						J. E. Duncan Jr.		A&P 241744048	
Dec.	4, 1978			Tack Time: 1749:94					
				100 hr. Inspection in accordance with Piper PA-24 Service Manual.					
				① Compression Checked: Cyl # 1-76, # 3-72, # 2-78, # 4-76					
				② High Tension LEAD TESTED (HARNESS)					
				③ Install 3EA New REM-38E Spark Plugs (TORQUE)					
				④ Remove Clean Gap Test + Reinstall Remaining Plugs (TORQUE)					
				⑤ Install All New Rocker Cover Gaskets.					
				⑥ Install New Carb Heat Shroud.					
		TOTAL TIME						Cont. Next Page	

ENGINE LOG

REMARKS	SIGNATURE
Cont.	
① MAG Timing Checked	
② Wash down Engine	
	J. E. Duncan Jr.
	A&P 241744048
April 4-1979 Tack Time: 1765:03	
① changed oil check strainer. AeroShell SAE-50W-	
② Wash Engine:	
	J. E. Duncan
	A&P-1293657
Jan. 1, 1980 Tack Time: 1829:10	
100 hr inspection in accordance with Piper Service Manual.	
① Compression Checked: Cyl # 1-76, # 3-74, # 2-78, # 4-78.	
② High Tension lead tested.	
③ Remove ... + Reinstall ... Torque	

ENGINE LOG

REMARKS

SIGNATURE

FEB 15, 1978 TACK TIME: 1684:78

- ① Change Oil Aeroshell SAE-50W
- ② Check & Clean Main Oil Strainer
- ③ Wash Down Engine

J. E. Duncan Jr.
A+P 241744048

May 22, 1978. Tack Time: 1710:61

- ① Change Oil Aeroshell SAE-50W
- ② Check + Clean Main Oil Strainer
- ③ Wash Down engine.

J. E. Duncan Jr.
A+P 241744048

ENGINE LOG

REMARKS

SIGNATURE

Nov. 4, 1977 Jack Time 1663:11

100 Hr. inspection in accordance with Piper
Service Manual PA-24-180

(1) Compression Checked

Cyl # 1-75

Cyl # 2-78

Cyl # 3-74

Cyl # 4-76

(2) High Tension lead tested

(3) Removed Cleaned Gap Tested Replaced Plug (Torque)

(4) Checked Mag timing 25° BTC

(5) Washed down engine.

J. E. Duncan Jr.
A&P 241744048

ENGINE LOG

REMARKS

SIGNATURE

August 31, 1977 TACK TIME: 16:57:42

(1) Change Oil Aeroshell SAE-50W

(2) Clean Main Oil Strainer Assy.

(3) Wash down Engine

J. E. Duncan Jr.
A+P 241744048

ENGINE LOG

REMARKS

SIGNATURE

MAY 6, 1977 Tack Time: 1628:76

(1) Change Oil Aeroshell SAE-50W

(2) Check + Clean Main Oil Strainer

(3) Remove Clean GAP Test + Replace All Good Plugs Torque

(4) Install 1ea New REM-38E Plug.

(5) Cyl # 3 Rocker Cover Gasket Replaced

(6) Washed Down Engine.

J. E. Duncan Jr.
A+P. 241740048

ENGINE LOG

REMARKS

SIGNATURE

Jan. 4, 1977 TACK TIME 1572:97

(1) CHANGED OIL AEROSHELL SAE-50W.

(2) REMOVED, CLEANED GAP, TESTED & REPLACED PLUGS

(3) WASHED DOWN ENGINE.

(4) GRD. CHECK GOOD.

Duncan Aircraft Service & Repair, Inc. The Aircraft and/or Component identified above was repaired and inspected in accordance with Federal Aviation Regulations and was return to service.

Municipal Airport, Gastonia, N. C.
FAA Repair Station #703-7MAINTENANCE RELEASE

Pertinent details of the repair are on file at this agency order work order

Number 1299

Date 1/4/77

Signed by

Julius E. Duncan Jr.

#2356999

ENGINE LOG

REMARKS

SIGNATURE

OCT. 12, 1976 TACK TIME: 1547:70

100hr Inspection In Accordance with Piper SER. MANUAL.

(1) Compression CHECKED - Cyl # 1-76, Cyl # 3-75, Cyl # 2-76, Cyl # 4-75.

(2) High Tension LEAD TESTED - HARNESS

(3) Replaced Bottom Plugs -

(4) EXHAUST MANIFOLD HEAT Baffle REPAIRED

(5) Replaced All EXHAUST GASKETS

(6) Change OIL AEROSHELL SAE-50W

(7) CHECK MAIN OIL STRAINER.

(8) Install NEW Cabin HEAT HOSE

(9) Replaced RAM AIR HEAT HOSE.

(10) Replaced ROCKER COVER GASKETS Cyl # 2 & 3.

DATE 10/12/76 TIME IN SERVICE 1547:70

ENGINE

I certify that this ~~engine~~ has been inspected in accordance with Federal Aviation Regulations with a 100hr. inspection and returned to service.

Signed

J. E. Duncan

IA-1293651

J. E. Duncan
AIP-1293651

ENGINE LOG

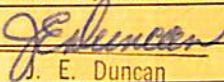
REMARKS

SIGNATURE

DATE 11/1/75 TIME IN SERVICE 1466:88

I certify that this ~~Aircraft~~ ^{Engine} has been inspected
in accordance with a 100 hr inspection
and determined to be in airworthy condition

Signed



J. E. Duncan

IA-1293651

ENGINE LOG

REMARKS

SIGNATURE

Sept. 25, 1973

CHANGED OIL - CLEANED FILTER - AERO Shell SAE 40W
 WASHED ENGINE - TOTAL TIME - 1373.03

Oct. 22 - 1974 - Tack Time: 1403:55

100 hr. Inspection in accordance with PA-24 Pomanche
 Pipe - Service Manual -

Compression check - Cyl # 1 75
 Cyl # 3 70

Cyl # 2 - 72
 Cyl # 4 - 72

J. E. Lannon - A.P. 1293651

Nov. 1 - 1975 Tack Time: 1466:88

100 hr. Inspection Pipe Service Manual Reference:

(1) compression check Cyl # 1 - $\frac{76}{80}$ Cyl # 2 $\frac{77}{80}$ Cyl # 3 $\frac{76}{80}$ - Cyl # 4 $\frac{78}{80}$

(2) changed oil AERO Shell SAE 50W -

(3) Replaced oil Rocker Cover Gaskets - oil leaking -

J. E. Lannon - A.P. 1293651

ENGINE LOG
ENGINE LOG

REMARKS

SIGNATURE

Propeller Removed and Overhaul at Atlanta Propeller-
Service on work ORDER 2413 - AD Note 73-21
Complied with the Propeller-Installed and Softened - Test
Flown OK - TACK Time 1339:43
Prop - HC-922K-80 SN 973L -

J. E. Duncan
AIP-1293651

Aug-9-1973 Tack Time: 1255:44
Engine inspection in accordance with Piper Service
Manual Chapter #3, 100 hr inspection - changed all
push Rod seals - changed all Rocker Box Cover gaskets
check Mag Timing & Plugs - compression using #80 PSI
cyl #1, 75 - cyl #3, 70 - cyl #2, 75 - cyl #4, 70 -

J. E. Duncan
AIP-1293651

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ENGINE LOG

REMARKS

SIGNATURE

8-13-72 I certify that this engine
 has been inspected in accordance with
 a 100 hr. inspection and was determined
 to be in airworthy condition. Changed
 oil, cleaned screen, checked compression, mag timing,
 drained carb. replaced oil thermostat
 ground checked O.K. Total Time 1293 J. L. Allen APT 2-133852

Feb-6-1973
 ① Removed & installed Prop Control Cable - ② Changed
 oil clean strainer - AERO Shell SAE 40W - ③ Washed
 Engine ④ Service Battery - Flight checked OK -
 Evidence
 TA-1293651

ENGINE LOG

REMARKS

SIGNATURE

I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. Changed oil, cleaned screen, cleaned gapped plugs, checked compression and mag timing. Total Time 1230 hrs.
6-2-72 J L Allen A/P 2133052

Replaced generator armature & brushes, ground checked s.k. Total Time 1274 hrs. 9-27-72

J. L. Bayfield A/P #1501368

Replaced all spark plugs, 8-2-72
TI 1278 hr J L Allen A/P 2133052

ENGINE LOG

REMARKS

SIGNATURE

2-7-72 Tach reads 1134 Installed
Lower plug in Number "1" cylinder run
up O.K.

J J Allen
AIP 2133052

Replaced small gear in left mag and oil seal
and greased bearings. Re-timed to Engine Run up O.K.
Tach Read 1135 hrs.

2-15-72 H. S. Stegall AIP #1501368

Changed oil cleaned screen (40 Reg)
Run up O.K. Tach Time 1179

3-10-72 J J Allen
AIP 2133052

ENGINE LOG

REMARKS

SIGNATURE

1-13-72 Jack reads 1124 hrs.

Top overhaul on engine.

Cylinders worked in accordance with logging S. L. #1136.

1/2" valves installed, cylinders reconditioned by (F. Hancock
Aviation, Winston-Salem, N.C. new rings (C.I.D.), (new) pistons, FAA
VMA Superior Air Parts) necessary gaskets, 40 wt Kerosene Oil,

Work done according to Logging Service manual.

H. J. Benfield AEP #1501368

1-13-72 Jack reads 1124 hrs.

I certify that this engine has been inspected in accordance
with a 100% inspection and was determined to be in good
worthy condition. Replaced fuel pipe, repaired heater
switch, CW repairing Bulletin # 33 of Saffrey carb
throttle and engine ground checked O.K.

H. J. Benfield AEP #1501368

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						
9-21-1970									
Fast Time 776.77		CHANGED oil Checked And Cleaned oil screen, rot. Aeroshell 50 wt, oil							
12-16-70									
Tack Time		833.9 CHANGED oil & CLEANED SCREEN Used Aeroshell 50W, P. Shellon AX182234							
TOTAL TIME									

ENGINE LOG

REMARKS	SIGNATURE
4-28-71 100 hr. Insp. Total Tack Time 933.9 Remove Cowling Wash Down Eng + Cowling Change Oil Clean Screen Fill with Sats Aero Shell W 50 CP Comp. all Cyl. OK. Clean + Cap Plugs Check Mags + Tuning Service Props + Paint Face Service Battery. Welded Muffler + Replaced Glycerine Oil Sides of Muffler I Certify that this Eng. has been inspected in accordance with a 100 hr. Insp. as required by FARs and was determined to be in airworthy condition. Checked all A.D.	E. Baker ATP 1903504

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.	
	11 - 1 - 69					TT	623			
				Oil Changed Checked Screen for A Hoses AP 1816403						
	12 - 6 - 69					TT	656			
				Oil Changed Checked Screen oil is Aero Shell 40W for A Hoses AP 1816409						

ENGINE LOG

4-15-70 *Top line 716*

REMARKS
 Run annual inspection. Replace spark
 plugs. Check Magn. Change Oil Clean Screen
 Replace fastener on airmass. Check
 Grease Prep. Grady H. Montgomery AFE 1251502

SIGNATURE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Visual INSPECTION AS REQUIRED BY CAR 43 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SIGNATURE Grady H. Montgomery
 INSPECTION AUTHORIZATION NO. AFE 1251502

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						
	8-23-69			TT	554				
		Oil changed Checked Screen for A Hour A P 1816409							
	8-19-69			TT	552				
		Oil changed Checked Screen for A Hour A P 1816409							
		TOTAL TIME							

NOTICE:—Making false entries in this book is a violation of the law.

ENGINE LOG

REMARKS	SIGNATURE
8-20-69	Entered in Wrong Log Re Entered in A P Log
4 A.P. 9/1/70	Static Check Complied with Attenuator removed & O Banded By Mad South inst Shop. Certified to 18000 Hz Per Data on File By Owner
	for A Hour A P 1816409

NOTICE:—Making false entries in this book is a violation of the law.

ENGINE LOG

REMARKS

Camp Check #1=77 #2=73 #3=73 # 75
GWAD. 68-5-1

SIGNATURE

THE AIRCRAFT IDENTIFIED ABOVE WAS RE-INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 359

SIGNED *Waymon Elton Minberry*

SPEARS AVIATION SERVICE

REPAIR STATION - NO. 5420

TMT. - AIRFRAME

McKELLAR FIELD - JACKSON, TENN.

AIRCRAFT INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION.

DATE 3-14-69

TACK TIME 523:00

SIGNATURE

Waymon Elton Minberry

ENGINE LOG

REMARKS

SIGNATURE

7-3-68 Jack time 5:15:58 Change oil
clean screen set 50w shell
WE Memphis A-P 1644392

ENGINE LOG

REMARKS

SIGNATURE

12-14-67

Checked engine
 Checked and cleaned. Greases, cleaned & checked
 spark plugs. Checked compression 0.15. Replaced
 points & condenser, cut seal on left
 M. 101. Replaced brushes & turned handle
 in generator. Replaced brushes in starter
 cleaned carb air filter, replaced air filter
 checked & secured propeller nut. Checked
 that this ground has been inspected
 as required by FAA & found to be OK.
 J. D. Taylor Oct 154489

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
11-4-66		TOTAL TIME RECORDING TACH						405	00
6-15-67		Tachometer Reading						438	00
7-22-67								447	01
		TOTAL TIME							

ENGINE LOG

DATE	REMARKS	SIGNATURE
11-4-66	ANNUAL INSPECTION CHANGED OIL CLEANED SCREEN, CLEANED CHECKED SPARK PLUGS - CHECKED COMPRESSION OK CHECKED MASS + TIMING ETC. SERVICED SERVICED ALL ENGINE BY CLEANING, CHECKED VALVES PROPERLY. IT IS CERTIFIED THAT THIS ENGINE HAS BEEN INSPECTED AS REQUIRED BY FAR + FOUND TO BE AIRWORTHY. J. Taylor Corp 454489	
6-15-67	Changed oil cleaned screen Replaced spark plug, J. Taylor	

ENGINE LOG

Tach. 316100 -

REMARKS

Ruvochi

SIGNATURE

11-18-65 - Completed 100 hr. Inspection
 this date. Changed oil, checked oil
 screen, dump, prop. shafts & wiring -
 cleaned spark plugs & rings compression
 checked & found pit on piston & the
 dump intake leak system - checked for
 oil leaks. Cleaned engine - checked fire
 control panel & baffle. Operational in flight
 & check flight from N.K.

Thomas W. Ellis

AF 272422 -

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 *7670P*
License No.

MANUFACTURER { Name *Sycamore Aircraft Corp.*
Address *11111 1st St, Okla*

Model *0-360-A1D TC#286* H. P. *180* Serial No. *L-4169-36*

Stroke *4.375*
Bore *5.125*
Manifold Pressure { Normal
Maximum

R.P.M. { Normal
Maximum *2700*
B.H.P. { Normal
Maximum *180*

Gear Reduction Ratio *Direct*
Rotation of Propeller *Clockwise*
Certified Correct Date

OWNER { Name
Address

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