

N7463W

3



The Standard

ENGINE LOG

ASA-SF-2

DATE _____

05/24/2023

All work performed IAW Installation Instructions SF1001, Revision "C"
337 filed this date.

Operating instructions, and instructions for continued airworthiness to POH
All work conforms with applicable parts of FAR AMT part 43.

Raymond Fagnano Jr.

AP3479125IA



Acft Reg: N7463W
Lycoming O-360
Hours: SMOH 915.2 IRAN 607.2
TACH 3476.2

6/1/2022

Removed panels and cowling for annual inspection. Cleaned, inspected, and lubed engine systems IAW Lycoming MM. Performed compression check 1. 80/80 2. 42/80 3. 75/80 4. 45/80. Engine borescoped, minor defects were noted on the inspection checklist. All plugs were cleaned, inspected, serviced as required and replaced. Timing checked and no defects noted. All control cables were checked for proper operation. No defects were noted. All AD's verified and up to date. No new AD's are due on this Engine. Oil filter replaced with Tempest 48110-2 and engine serviced with 8 Qts Aeroshell 15W-50. Post annual ops check complied with. No defects noted.

I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.

Michael T Galloway A&P # 3164797 IA Signature: 

N7463W Tach 3491.0 SMOH 930.0 IRAN 622.0 9/12/2022

Remove both magnetos, disassemble and inspect, set points and "E" timing. Reinstall and test run, returned to service.

Raymond Fagnano Jr. 

AP3479125IA

N7463W Serial# L-6153-36 Tach 3500.5 SMOH 939.5 IRAN 631.5 05/12/2023

Performed annual inspection per FAR 43 appendix "D" and Lycoming Manual Changed oil, replace filter with Tempest AA48110-2, open filter no contaminants found, Serviced with 7 qts. Phillips 20W50XC.

Lubed controls.

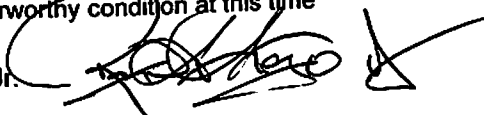
Compression check all over /80 with .040 orifice #1 74, #2 22, #3 70, #4 35 Lap exhaust valves on cylinders #2 and #4. Recommend retest in 10 hours.

All routine maintenance done at this time.

AD 22-16-03 Magnetos D.N.A. time frame out.

IRAN performed 06/2007 All AD's complied with as of this date, see AD list.

I certify that this engine has been inspected IAW an annual inspection and found to be in airworthy condition at this time

Raymond Fagnano Jr. 

AP3479125IA

Engine Record General Information

Manufacturer LYCOMING Model O-360-A3A
Serial L-6153-36 Type Certificate _____
This engine is currently installed in aircraft: N7463W

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____
Magnetto Time _____ Point Setting _____ Firing Order _____
Spark Plug Gap _____
Manufacturer's Recommended Overhaul at _____ hours

#2

ENGINE LOG
EL-13P

Tach: 3332.35
S/N: L- 6153-36

TSMOH: 771.35
IRAN: 463.35

May 1, 2021
N7463W

ANCE RECORD

MAINTENANCE PERFORMED
CY & CERTIFICATE NO.

Drained and refilled the engine oil with 7qts. of 20w50 Phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-78/80, #2-68/80, #3-76/80, #4-63/80. Complied with Power flow exhaust continue airworthiness. Applied antiseize to all slip joints. Installed with all new gaskets P/N SL77611 installed rocker cover gaskets P/N SL75906 on #1&3. Checked all AD's thru 2021-06. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowling. Ground ran and performed an acceptance flight (no defects noted).

William P. O'Hara A&P3458556
BP Air, Inc. / Lumberton, NJ

Tach: 3332.35
S/N: L- 6153-36

TSMOH: 771.35
IRAN: 463.35

May 1, 2021
N7463W

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

William P. O'Hara A&P3458556 IA
BP Air, Inc. / Lumberton, NJ

Tach: 3363.41
S/N: 28-1353

July 9, 2021
N7463W

Drained and refilled the engine oil with 7 qts of 20w50 Philips X/C oil. Removed and installed a new oil filter P/N AA48110-2. Cut open the old filter, No defects noted. Took a oil sample. Clean, gap and pressure tested the lower plugs. Installed a new rocker cover gasket P/N SL75906 on #3 cylinder. Ground run, leak and opps check, no defects noted.

William P. O'Hara A&P3458556
B.P. Air, Inc. / Lumberton, NJ

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

9/7/21

Tach: 3396.67

Drained and refilled the engine oil with 7 qts of 20w50 Philips X/C oil. Removed & installed a new oil filter P/N AA48110-2. Cut open the old filter, No defects noted. Took oil sample. Clean, gap and pressure tested the lower plugs. Ground run, leaks and opps check, no defects noted.

Babajide Oluwanya #4391846 - owner

11/8/21

Tach: 3432.48

Drained and refilled the engine oil with 7 qts of 20w50 Philips X/C oil. Removed & installed a new oil filter P/N AA48110-2. Cut open the old filter, No defects noted. Took oil sample. Clean, gap and pressure tested the lower plugs. Ground run, leaks and opps check, no defects noted.

Babajide Oluwanya #4391846 - owner.

Tach : 3245.2
Ser #L- 6153-36

TSMOH: 684.20
IRAN: 376.20

September 18, 2017
N7463W

Drained and refilled the engine oil with 7 qts. of 20w50 phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-74/80, #2-75/80, #3-73/80, #4-74/80. Checked all AD's thru 2017-18. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowling. Ground ran and preformed an acceptance flight (no defects noted).

William P. O'Hara A&P3458556
B.P.Air, Inc. / Lumberton, NJ

Tach : 3245.2
Ser #L- 6153-36

TSMOH : 684.20
IRAN: 376.20

September 18, 2017
N7463W

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

William P. O'Hara A&P3458556 IA
B.P.Air, Inc. / Lumberton, NJ

Tach : 3251.3
Ser #L- 6153-36

TSMOH: 690.30
IRAN: 382.30

December 5, 2018
N7463W

Drained and refilled the engine oil with 7 qts. of 20w50 phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-74/80, #2-72/80, #3-77/80, #4-74/80. Installed a new rocker cover gasket on #3 P/N SL75906. Installed a new intake gaskets P/N SL 71976. Checked all AD's thru 2018-24. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowling. Ground ran and preformed an acceptance flight (no defects noted).

William P. O'Hara A&P3458556
B.P.Air, Inc. / Lumberton, NJ

Tach : 3251.3
Ser #L- 6153-36

TSMOH : 690.30
IRAN: 382.30

December 5, 2018
N7463W

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

William P. O'Hara A&P3458556 IA
B.P.Air, Inc. / Lumberton, NJ

Tach : 3251.89
Ser #L- 6153-36

TSMOH: 690.89
IRAN: 382.89

March 20, 2020
N7463W

Drained and refilled the engine oil with 7 qts. of 20w50 phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Installed a new gasket for the carb inlet P/N MC16-A48. Installed four new exhaust gaskets P/N SL77611. Performed a diff pressure test #1-74/80, #2-72/80, #3-77/80, #4-74/80. Checked all AD's thru 2020-05. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowling. Ground ran and preformed an acceptance flight (no defects noted).

William P. O'Hara A&P3458556
B.P.Air, Inc. / Lumberton, NJ

Tach : 3251.89
Ser #L- 6153-36

TSMOH : 690.89
IRAN: 382.89

March 20, 2020
N7463W

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

William P. O'Hara A&P3458556 IA
B.P.Air, Inc. / Lumberton, NJ

Tach : 3295.40
S/N: 28-1353

January 13, 2021
N7463W

Drained and refilled the engine oil with 7 qts of 20w50 Philips X/C oil. Removed and installed a new oil filter. Cut open the old filter, No defects noted. Took a oil sample. Clean, gap and pressure tested the lower plugs. Ground run, leak and opps check, no defects noted.

William P. O'Hara A&P3458556
B.P. Air, Inc. / Lumberton, NJ

Tach : 3186.2

TSOH : 172.8

June 12, 2015

Ser # 21118K

N7463W

I certify that this propeller has been inspected in accordance with a annual inspection and was determined to be in a airworthy condition.



William P. O'Hara A&P3458556IA

B.P.Air, Inc. / Lumberton, NJ

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO

Tach : 3186.2

TSMOH: 625.2

June 13, 2014

Ser #L- 6153-36

IRAN: 317.2

N7463W

Drained and refilled the engine oil with 8 qts. of 20w50 phillip XC oil. Installed a new oil filter P/NA448110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-79/80, #2-76/80, #3-79/80, #4-78/80. Checked all AD's thru 2015-11. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowling. Ground ran and preformed a acceptance flight (no defects noted).



William P. O'Hara A&P3458556

B.P.Air, Inc. / Lumberton, NJ

Tach : 3186.2

TSMOH : 625.2

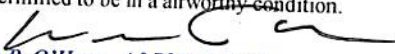
June 12, 2015

Ser #L- 6153-36

IRAN: 317.2

N7463W

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



William P. O'Hara A&P3458556 IA

B.P.Air, Inc. / Lumberton, NJ

engine log

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Tach : 3152.62

TSMOH: 591.62

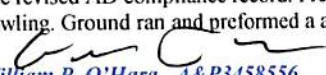
May 8, 2013

Ser #L- 6153-36

IRAN: 283.62

N7463W

Drained and refilled the engine oil with 8 qts. of 20w50 phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-76/80, #2-75/80, #3-74/80, #4-80/80. Installed eight new UREM40E plugs. Fabricated from .032 2024T3 engine baffling for #1, #2, & #4 cylinders. Installed new rubber engine baffle seal. Installed new rocker cover gaskets on #1 & #3 cylinders P/N 75906. Removed the left mag, disassemble and inspected. Installed a new point wear block, set the internal timing. Assembled and installed with a new gasket and locking hardware. Installed missing boots on both p-leads. Installed missing mag p-lead insulators washers on both mags. Checked all AD's thru 2013-08. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowl. Ground ran and preformed a acceptance flight (no defects noted).


 William P. O'Hara A&P3458556

B.P.Air, Inc. / Lumberton, NJ

Tach : 3152.62

TSMOH : 591.62

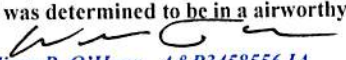
May 8, 2013

Ser #L- 6153-36

IRAN: 283.62

N7463W

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


 William P. O'Hara A&P3458556 IA

B.P.Air, Inc. / Lumberton, NJ

Tach : 3177.12

TSMOH: 616.12

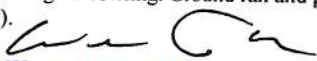
June 13, 2014

Ser #L- 6153-36

IRAN: 308.12

N7463W

Drained and refilled the engine oil with 8 qts. of 20w50 phillip XC oil. Installed a new oil filter P/N AA48110-2. Cut open the old filter (no defects noted). Took oil sample for analysis. Cleaned, gapped and pressure tested all spark plugs. Cleaned all plug wire ends. Checked and set the mag timing. Inspected the intake and exhaust systems. Performed a diff pressure test #1-78/80, #2-79/80, #3-78/80, #4-79/80. Checked all AD's thru 2014-11. See revised AD compliance record. Pressure washed the engine. Reinstalled the engine cowl. Ground ran and preformed a acceptance flight (no defects noted).


 William P. O'Hara A&P3458556

B.P.Air, Inc. / Lumberton, NJ

Tach : 3177.12

TSMOH : 616.12

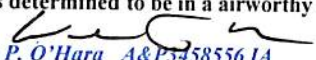
June 13, 2014

Ser #L- 6153-36

IRAN: 308.12

N7463W

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


 William P. O'Hara A&P3458556 IA

B.P.Air, Inc. / Lumberton, NJ

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-30-09	3016	Removed both Magneton & Polished points & Retuned & installed on engine. & ran OK. static RPM 2280 drop 75RPM found ring gear installed wrong & replaced H. Reg. Collins 116077 AP

5-1-10	3049.3	CHANGED OIL AND FILTER SERVICED WITH 8QT OF AEROSHELL 80W PLUS. COMPRESSIONS #1-75/80 #2-78/80 #3-80/80 #4-74/80.
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N7463W DATE 5-1-10
TOTAL TIME 3049 HRS. TACH TIME 3049.3
ENGINE

CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL/100 HR
INSPECTION AS PER PIPER I.R. AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signature Permie Moughan AP 2769734 IA
SIGNATURE CERTIFICATE NO. TYPE

4-1-11	3098	CHANGED OIL AND FILTER SERVICE WITH 8QT OF AEROSHELL 15W50 OIL. COMPRESSIONS #1-78/80 #2-78/80 #3-79/80 #4-75/80. CHECKED AIR FILTER OK. CLEANED OILT GASCOLATOR.
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TSMH 529

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-1-11	3098	date 4-1-11 total Aircraft time 3098 certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition. Signature <u>Permie Moughan</u> A&P No. <u>2769734 IA</u>

Fleet Air Services LLC.

75 Hangar Road
White Lake, New York 12786

06/06/2012

REG - N7463W
Tach: 3134.30

Lycoming O-360-A3A

S/N: L-6153-36
SMOH: 565.30

Inspected Engine IAW an annual inspection per FAR43.13 Appendix D and Manufactures Guide. Changed engine and oil filter, serviced with 8qts Phillips 20W50. Inspected air filter. Inspected exhaust. Lubed and checked control cables. All routine maintenance Performed at this time. Run up and leak check performed. Compressions all /80 #1 72 #2 74 #3 77 #4 75.

I certify that this engine has been inspected IAW an annual inspection and found to be in airworthy condition at this time.

John Nichols

AP 1316440501A

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

4-1-09 2981.73 CHANGED OIL AND FILTER SERVICE WITH 8915
OF AEROSHELL 80W PLUS. INSTALLED NEW EXHAUST
PIPE AND NEW HARDWARE FROM PAWLEY AVIATION
COMPRESSIONS ALL IN HIGH 70'S. C/W ICW & A
BOSCOLOTA, DOCUMENT NO. 3200-3-1.

Date 4-1-09

Total Aircraft Time 2981.73

I certify that this ~~ENGINE~~ has been inspected
in accordance with a ANNUAL inspection and
was determined to be in airworthy condition.

Signature Kenneth Morgan A&P No. 2769-34 IN

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

SENSENICH PROPELLER SERVICE, INC.

CRS: QV9R194N

DATE: 8-19-09

Tach: 3013.4

Hub Model: 76EMR-0-60

Propeller TTSN: 2118K

A/C Reg: N7463W

Hub S/N: 2118K

Propeller TTSO: -0-

Summary of work performed

Removed & reinstalled Overhauled
Propeller IAW Sensenich Propeller approved
data. Installed new forward spinner bulkhead
PN: 63718. Dynamic-Balanced Propeller
IAW. Chadwick Helmholtz Smooth Propeller II.
Starting IPS. 41 at 2200 rpm. Added 21.5 grams
to the rear spinner bulkhead. Ending IPS. 07
at 2200 rpm. End

Pertinent details of this repair or overhaul are on file at this repair station under work order # L20608

Signed Hubert Hahn for Sensenich Propeller Service, Inc., 519 E. Airport Rd. Lititz, PA 17513

*This signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK WE HAVE PERFORMED.

We have not performed nor been authorized to perform any inspection of this aircraft nor have we reviewed or been
authorized to review the maintenance records, including Part 39 compliance.

INSPECTION & MAINTENANCE RECORD		
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-08	2917.4	Changed OIL & OIL FILTER. Serviced with 80 W plus oil. Compression Read #1 78/80 #2 78/80 #3 76/80 #4 78/80. Checked mag Timing & ALL Engine controls. Replaced #2 cyl Fuel primer Line, Champ. & secured ALL primer Lines. Champ & secured ALL wires. Replaced #2 cyl & oil cooler Baffle Seals & installed missing screws. Replaced Bottom & Reprimed Top CARB. Heat Shroud. Replaced Engine Air Filter. Tightened CARB Air Box To CARD & Resealed. Replaced ALT. Belt. Clw ICA. on Stand By. VAC system. Champ & Adjusted cable on shutoff Valve. Clw AD 95-26-13 Replaced & Champ oil cooler Hese As per PABA C+D Next Due AT 5-16 or 3917.0 HR.
SMOH	356.0	

INSPECTION & MAINTENANCE RECORD		
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-08	2917.4	I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>PW 001</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
SMOH	356.0	HORTMAN AVIATION SERVICES INC. NE PHILADELPHIA AIRPORT 9800 ASHTON ROAD PHILADELPHIA, PA 19114 Jeph M. K... A+P 1987406 TA
8-21-08	2942	Removed and replaced all O-rings on #2 Cylinder. Removed and replaced Alternator PIN OFF SIN OFF PIN ON SIN ON
SMOH	381	2642997R F104546 2642997R D120252 A+P 3294080
10-16-08	2954	Removed and replaced all O-rings on #4 Cylinder. Leak check lat.
SMOH	393	A+P 3294080

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-28-06	2850	Installed New Vacuum Pump RA 2136C Serial 213 #3-2
		Installed 3.T.C. SE1779 NM. Strully Valve 102430 Subv. Per Installation Report # 08072 # 3050 dated 12-22-99 Amended 5-4-2000 New Flight test - Flight test performed & returned to normal H. Ray Collins 1161197AZ
11-10-06		Installed Two heater probes in the two cylinders H. Ray Collins 1161187
1-15-07		3/15/2007 7463W ENGINE: TACH TIME: 2865.67 HOBBS: N/A ANNUAL PA28 PIPER 180 COMPRESSION: #1:78, #2: 78, #3: 79, #4: 78. REMOVED VALVE COVERS AND CLEANED UP COVERS AND INSTALLED NEW GASKETS. OIL FILL TUBE LOOSE. ADJUSTED AND RE-SAFETY WIRED. OK AT THIS TIME. REPAIRED HEAT SHIELD ON EXHAUST. INSPECT EXHAUST GAUGE. REMOVED GAUGE FROM EXHAUST AND TEST FOR OPERATION. OK AT THIS TIME. PUT NEW GROMMETS AT TERMINAL PORTS OF BATTERY BOX. REPAIRED BATTERY BOX. CLEANED AND INSPECTED. NO HEAT ON CYLINDERS. CHECK PROBS ON CYLINDERS. REMOVE, TEST FOR OPERATION. TEST OK. RAN HEAT CHECK ON TEMPS. OK. REBUILD MAGS. NEW POINTS, CONDENSER, ROTOR, AND BLOCK. REMOVED SLICK MAGS LEFT AND RIGHT. DISASSEMBLE BOTH FOR OVERHAUL. REMOVE PROP AND NOSE BULB TO REPAIR FRONT RIGHT BAFFLE. PARTS: AEL75906 VALVE COVER GASKETS, ES48110 FILTER, TA8071 BAFFLE SEAL, K3822 SLICK ROTOR & CAP, A13081 POINTS, AM3183 CONDENSER, 455-139 CONTROL THROTTLE CABLE, M3411 GASKET, AEROSHELL 80 OIL.
2ch	2865.6	
Hobbs	—	
T.T.	2865.6	
TSMOH	326.5	

Arthur F. Lawshe Jr.

IA 162460036 A&P

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-20-07	2869	CONTINUED — BELT TORQUED AND SAFETIED 1/4" W LHC 5B475. 9/10 AA96-09-10 BY INSPECTING STEEL OIL PUMP GEAR'S P/W 1W-18109 & 1W-18110 AND REINSTALLED WITH NEW OIL PUMP BODY ON AEL78531. AD98-02-08 P/W (P.I.D) ENGINE TEST CELL RUN TWO FOUND SATISFACTORY. ILLUSTRATED PARTS LIST AND "YELLOW TAGS" BACK OF LOG BOOK. LOG BOOK TIME TO CONTINUE FROM TSMOH 308.0hrs (CERTIFICATE NO. 53793252)
		Pertinent details of the repair are on file at this agency under work order No. 022603 Date <u>July 20</u> '07 Signed <u>Scott H. Smith</u> for Columbia Aircraft Services, Inc. Bloomburg, Penna. FAA R.S. #427930K
7-21-07	2874	Installed in N7963W ran up OK 100 int Manual Oil added & ran up pressure with spark plugs out before Start H. Ray Collins 1161197AZ

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-22-06	2824	263 SMOH - Annual - Oil & Filter changed, spark plugs cleaned & rotated Compression 175271 34471 Magneto Timing chkd, exhaust system chkd. Alternator & handle by Holly Aerospace installed & Voltage replaced with Teftronic unit. Run up output 1402 Volts - no radio noise, ignition switch ops chkd per 76-07-12, Flex hose chkd per 95-06-13 Run up - no leaks I certify that this engine has been inspected in accordance with a Annual inspection & was determined to be in Airworthy Condition. 11/6/197 H. Ray Collins AT

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-20	2867	Engine Removed for inspection H. Ray Collins 11/6/197 AD
7-20	2869	DISASSEMBLED AND INSPECTED FOR METAL CONTAMINATION. REPAIRED SPALLED CAMSHAFT AND HYD RODS. INSTALLED NEW MAIN AND ROD BOSS, REPLACED OBSOLETE HYD PLUNGERS WITH NEW APL 78290 PLUNGER ASSY'S, NEW ROD BOSS AND MTS, CAMSHAFT GEAR BOLT, LOUER PAST BOLTS & NUT, CAMSHAFT GEAR BOLTS, NEW OIL TEMP CONTROL VALVE P/N AEL19600 S/N 3073 TO COMPLY WITH LYC. 5B578C. UPDATED GEAR BY RE- PLACING CAGED OIL RELIEF VALVE SEAT WITH INSEAT SEAT P/N 76530-PO1 AND IN- STALLING HIGH CAPACITY OIL RELIEF VALVE P/N 76529 PER LYC SE 1172C. REPLACED PUMP PUMP DRIVE LOUER GEAR, REPLACED OIL PUMP BODY P/N AEL78531, RECONDITIONED ALL CYL'S AND FIT NEW RINGS TO NEW PISTONS. REPAIRED AND FUNCTIONALLY TESTED 2 SLICK MAGS: 1 P/N 4250R S/N 6059233 BY INSTALLING NEW CAPACITOR P/N K- 3984 AND DIST. GEAR P/N M3827 & 4251R S/N 6069099 BY INSTALLING NEW GILL P/N K3975 AND DIST GEAR P/N M3827, OVERHAULED OVERHAULED P/N 10-4164-1 S/N K-7B-653, CHDAD 2004-10-14 BY INSPECTING O/S GEAR P/N 13519646 (34 RADIOS SELLERS) AND REINSTALLING WITH NEW BOLT P/N AEL STD-2213

CONTINUED

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-13-04	2763.9	202h SMOH ANNUAL COMPLETED. CHANGED OIL AND FILTER SERVICED WITH AEROSHELL 80W OIL. COMPRESSION CHECK #1-70/ ⁸⁰ #2-75/ ⁸⁰ #3-70/ ⁸⁰ #4-73/ ⁸⁰ ALL ADS CHECKED AND C/W TO DATE. Date <u>11-13-04</u> Total Aircraft Time <u>2763.9</u> 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. Signature <u>Kevin Mowbray</u> A & P No. <u>2769739 IA</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-30-05	2773	215h SMOH Annual - Oil & Filter changed, screens cleaned, magnets timing checked, spark plug checked & rotated, new Rocker cover gaskets, pusher system checked, ignition switch ops checked, 24 volt 12v, #4 cylinder lower plug seems to collect oil, Compression 1 ⁷⁶ / ₈₀ 2 ⁷⁷ / ₈₀ 3 ⁷⁶ / ₈₀ 4 ⁷⁵ / ₈₀ Oil For hose checked per AD, wash down & run up OK. I certify that this engine has been inspected in accordance with a Annual inspection & was determined to be in Airworthy Condition. H. R. Collins 116497 AP
8-6-05	2775	Installed left side exhaust manifold #1 & 2 cylinders to muffler & charled by AWT of Minneapolis. H. R. Collins 116497 AP

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-8-02	2673	112 hr SMOH - Annual - Oil & Filter changed, spark plugs cleaned & rotated, magneto tin nudged, exhaust system checked, tighten carb heat muff on Pit side, applied corrosion proofer on Rusty engine parts, wash down & ran up OK. Compression 17 1/2 27 1/2 37 1/2 47 1/2 Ignition switched OK per AD 78-07-12, oil hose flex lines checked per AD I certify that this engine has been inspected in accordance with a Annual inspection and determined to be in airworthy condition. R. Ry Collier 1161187

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-1-03	2720.02	ANNUAL, CHANGE OIL + FILTER SERVICED WITH AEROSHELL 40W OIL. REPLACED 2 SPARK PLUGS REM40E'S. CLEANED AND ROTATED PLUGS. COMPRESSION #1-77 #2-78 #3-76 #4-78. ALL AD'S CHECK THROUGH ATP, HAVE COMPLY WITH SEE AD LIST. Date 10-1-03 Total Aircraft Time 2720.02 I certify that this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. 2769734 LA Signature Kevin Mangan A&P No. [REDACTED]
12-31-03	2738.4	CHANGE OIL AND FILTER SERVICED WITH AEROSHELL 40W OIL. Kevin Mangan ATP 2769734

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-13-00	2620	59 SIMON Annual Oil & Filter changed, screens cleaned, spark plugs cleaned & rotated, magnets timing chkd, exhaust system chkd, Compression 176 279 375 475, wash down & run up - CW 76-02-12 Ignition switch ops chkd I certify that this engine has been inspected in accordance with a Annual inspection & was determined to be in airworthy condition 11/6/12 AT see AD list H. Ray Collins
3/2/01		INSTALLED NEW BRACKET AIR FILTER

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-15-01	2656	92 S. Mott Annual Oil & Filter changed, screen cleaned, spark plugs cleaned, magnets timing chkd, exhaust system chkd, CW 76-02-12, Compression 174 275 376 478, wash down & run up OK I certify that this engine has been inspected in accordance with a Annual inspection & was determined to be in airworthy condition see AD list H. Ray Collins 11/6/12 AT

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-1-98	2571	²⁵⁶¹ Major Overhaul - New crankshaft & connecting rods & bolts, new cylinders, new standard bearings, crankshaft certified, new cam followers & tappets, new type oil pump gears & housing, New fuel pump, Magneto reworked, all new hoses, starter & alternator reworked, wires replaced, Baffle & seal replaced, propeller O'hauled, new muffler & exhaust & flight manifold, carb O'hauled, engine pre-oiled, run up OK. I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. see AD list H. P. Collins 116487
8-12-99	2586	Changed Float - metal float taking in gas - adjust levels, idle speed, & linkage, removed defective noise condenser from attenuator, Oil & filter changed minor. H. P. Collins

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-28-99	2588	17.1 SMOY - Annual - Compression all over 7⁴/₈, spark plugs checked & retimed, magneto timing checked, exhaust system checked, magneto dip sticks 76 & 12, screen cleaned, wash down & run up OK. inspected oil reader hoses 95-26-13, engine pump cover covered. I certify that this engine has been inspected in accordance with a annual inspection & was determined to be in airworthy condition. see AD list H. P. Collins 116487

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-23-96	T.T. TACH	2539.1 ANNUAL ENGINE INSPECTION COMPLETED THIS DATE
	T.T.S.T.O	1392.0 COMPRESSION #1 76/80, #3 72/80, #2 78/80 AND #4 77/80
		DRAINED OIL & REMOVED & OPENED OLD FILTER, FOUND NO CONTAMINATION, INSTALLED, TORQUED AND SAFETIED NEW CH4B110 FILTER, REFILLED STEAM WITH 89TS AEROSHELL OIL, REPLACED #3 & #4 EXHAUST GASKETS, REPLACED GROMMETS ON CARD HEAT VALVE SHAFT. REPLACED ALL BOTTOM SPARK PLUGS, REPLACED MUFFLER SUPPORT ROD & CLAMPS, RETIMED MMS, LUBED ALL ENG CONTROL & W/ RECURRING A.D. 76-07-12 MAG SWITCH WITH OPSCK OK, ALL AD'S AND UPDATES CHECKED THRU 96-19 ENGINE RUN UP OK.
9-23-96		"I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED IN AIRWORTHY CONDITION AT THIS TIME"
9-23-96		Norman R. Wilson 2146147IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-21-97	2560	Annual - Oil & Filter changed, screen cleaned, spark plugs cleaned & gapped, magnets checked, exhaust system checked, tightened elbow oil return line, #3 Compression 1 st 78 2 nd 65 3 rd 78 4 th 78, Washdown & run up OK per swapack
		I certify that the engine has been inspected in accordance with an annual inspection and was determined to be in satisfactory condition. see AD list M. R. Wilson 116187

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-24-94	T.T. TACH- 2408.28 HRS	ANNUAL INSPECTION ENGINE COMPLETED THIS DATE COMPRESSION #1 7/80, #3 7/80, #2 7/80 AND #4 7/80, CHANGED OIL AND CHANGED FILTER, OPENED OLD FILTER FOR INSPECTION-FOUND OIL, INSTALLED, TORQUED AND SAFETIED NEW, CH 48110 FILTER REFILLED SYSTEM WITH CATS AEROSHELL 15W50 OIL DRESSED PROP, CHECKED ALTERNATOR BELT TENSION, SILICONS SPRAYED STARTER, COMPLIED WITH S.B. 478 LEFT MAG POINTS AND IMPLUSE COUPLING, REPAIRED CRACKED IN MUFFLER SHIELD, CLEANED, GAPPED AND ROTATED PLUGS LUBED ALL ENG CONTROLS A.D.I.S AND B.W.'S CHECKED THRU 94-10. ENG RUN UP OK
	T.T. S.T.O.H 1341.1 HRS	
		6-24-94 Norman P. Wilson AP
		"I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED IN AIRWORTHY CONDITION AT THIS TIME"
		6-24-94 Norman P. Wilson AP 2146147 IN
		NOTE: THIS ENGINE IS 488.28 HRS OVER MANUFACTURERS RECOMMENDED T.B.O.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-31-95	2514	Annual O.I. & F. filter changed, spark plugs cleaned compression checked, 172 274 374 473, carburetor checked per AD 93-18-03, Float AD 92-15-16 & 93-19-04 by inspection 76-02-12 by opened, new exhaust gasket #4 cylinder, replaced Baffle seal #3 cyl. SB 578C thermostatic valve inspect, new valve run up OK I certify that this engine has been inspected, in accordance with a Annual inspection & was determined to be in airworthy condition see separate AD list H. Ray C. King 116118747

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-12-92	2421 Tach	1274 STOH - Annual - Compression 178 228 300 416, Oil & filter changed, screens cleaned, spark plugs cleaned & gapped, magneto timing checked, exhaust muffler removed & welded, repaired cabin heat valve, wash duct & run up OK. engine operated, new probe for exhaust gas temperature. I certify that this engine has been inspected in accordance with the annual inspection & was determined to be in airworthy condition. see separate AD list M. Byler 146147 FA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-15-93	TACH: 2457.1 STOH 1310.1	ANNUAL ENGINE INSPECTION COMPLETED THIS DATE COMPRESSION #1 79/80, #3 79/80, #2 79/80 AND #4 79/80, CHANGED OIL AND FILTER, RESERVICED SYSTEM WITH 9 QTS AEROSHELL 15W50 OPEN OLD FILTER, FOUND OK, REPLACED ALTERNATOR BELT, STRAIGHTEN ALTERNATOR PULLEY, ADJUSTED BELT TENSION, REPLACED STARTER DRIVE, INSTALLED WINTERIZATION PLATE, REPAIRED TAIL PIPE SUPPORT ROD AT HOLE, REPLACED ALTERNATOR FILTER, REPLACED #1 AND #2 CYL. INTAKE HOSES, REPLACED ENGINE MOUNTS, CLEANED AND GAPPED SPARK PLUGS, REPLACED AIR FILTER, 1W LYCOMING 400 HR. VALVE INSP. 1W. ALL ADS AND B.W. CHECKED THRU 92-27. RUN UP OK. "I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED IN AIRWORTHY CONDITION AT THIS TIME 1-15-93 M. Byler 146147 FA NOTE: THIS ENGINE IS 457.1 HRS OVER MANUFACTURERS RECOMMENDED TBO.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-11-90	Tach 2329	- Annual - Oil & Filter & plugs changed, compression 174 276 372 476, magnets timing checked, changed air filter, checked engine temperature, washed down & ran up OIL I certify that this engine has been inspected in accordance with a annual inspection & was determined to be in airworthy condition H. Ry. Collins 11611927A
12-5-90	2348	Welded at exhaust manifold at #3 pipe H. Ry. Collins
		welded #1 exhaust manifold & found alternator burned & overhauled alternator H. Ry. Collins

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-3-91	2354	Annual - Oil, Filter, & plugs changed, compression P4 275-36476 Magnets timing checked, spark plugs cleaned & gapped, tightened alternator belt, washed down & run up & fast & slow I certify that this engine has been inspected in accordance with a annual inspection & was determined to be in airworthy condition see odd log AD list H. Ry. Collins 11611927A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-26-88	2195	Annual Compression checked #1 cyl removed replaced piston & valve guide & seat & resurfaced valves, resurfaced exhaust flange area new bracket. Rechecked oil in the exhaust stack, set new magnets, tightened alternator belt, washed down & ran upon.
		I CERTIFY THAT THIS ENGINE/AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		see separate AD had Mr. Ray C. 11/6/1974

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-26-87	2283	1072 3104 Annual Compression OK checked for oil leaks spark plug checked new platinum plugs installed washed down & ran up OK.
		see separate AD. Mr. Ray C. 11/6/1974

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL O360-A3A

SERIAL NUMBER L-6153-36 DATE OF MANUFACTURE _____

RATED BHP 180 RPM 2700 MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE 100

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

ENGINE LOG

Log #1



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

Date _____

R. P. M.

Ground Time
Hrs.

Air Time	
Hrs.	Min.

Total Time	
Hrs.	Min.

Year
Mo. Day

Ground

Air

Mo.	Day	Ground	...
6/18/84	TACH 1928.4	Installed overhauled alternator Model # 2098615 s/n W19773 and new belt	Daniel P. Gifford, AP140608232

8/08/54	TACH 1936.3	Cleaned and gapped plugs.
		Checked mag timing. Inspected exhaust system.
		Cleaned carb, fuel pump and strainer. fuel screens.

TOTAL TIME

REMARKS

SIGNATURE

Charged oil and filter. Serviced with 15w-50 Aeroshell
and OES14 filter. Replaced both oil cooler hoses
p/n 63901 72. Accumulator made by EAST Comp (1) 76
(2) 76 (3) 72 (4) 76. Daniel Gifford AP140608232

DATE 8-28-84

1936.4

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION
AND WAS APPROVED FOR FLIGHT IN THE CONDITION

Robert H Lewis 137504 A#RTB

Date		R. P. M.		Ground Time Hrs. Min.		Air Time Hrs. Min.		Total Time Hrs. Min.	
Year Mo.	Day	Ground	Air						
4/22/83		Tach	1868	Changed Oil + Filter Installed Air Filter AC 8 qts Aero Shell 15W50 oil Oil Filter CH48110 W. Thompson					
7/16/83		Tach	1905	Changed oil + filter. Added 8 qts 15W50 Aero Shell oil. Compression test #1 $\frac{76}{80}$ #2 $\frac{78}{80}$ #3 $\frac{79}{80}$ #4 $\frac{78}{80}$. Replaced EGT Probe Assy. Replaced All spark plugs with REIm38E plugs. Repaired landing light female plug. Tied up chafing cables. Tightened Alternator belt Dressed Prop. ————— end —————					

REMARKS		SIGNATURE	
I hereby certify that this engine has been inspected in accordance with the inspection procedure and found to be in airworthy condition. 9/16/83		Paul Bryant IA 17490650/8	

NC

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

REMARKS

SIGNATURE

I certify that this (Engine) has been
inspected in accordance with an (Annual)
inspection and was found to be in airworthy
condition

Q-10-82

Date _____

Joseph P. Flury

FA A&P 201443466

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						
8-29-80		Tach 1705		Installed Spin on oil filter adapter Joseph P. Hines, ACP 2014434/66					
10/6/80		Tach 1717.23		oil changed to Shell 15-50 J. McCord					
3-13-81		U	1742	REINSTALLED ALTERNATOR AFTER BEEN OVERHAULED. Charles J. Hoffman AQP 688478					
5/7/81		Tach 1772		Changed oil and oil filter. Installed 7 qts Aeroshell 15W50. A+P 17242-6508 Paul Garrod Jr.					
TOTAL TIME									

Violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

Tach 1787

REMARKS

SIGNATURE

9/11/81 Diff. Comp Check: #1-76 #2-79 #3-79
#4-78 Replaced alternator capacitor clamp. c/w AD
78-09-07 by replacement of Lt. mag impulse coupling
body. Cleaned & regapped Lt. mag pts & timed to
engine. Regapped Rt. mag pts & checked timing.
Replaced air filter. Cleaned #1 primer jet. Tightened
fuel inlet fitting at carb. Replaced throttle
control rod end bolt. Dressed & painted prop. blades.
Cleaned & gapped spark plugs. Checked exhaust system.
Starter brushes & engine mount. NO oil or filter
change.

Eng.
I certify that this aircraft has been
inspected in accordance with an Annual
inspection and was found to be in airworthy
condition.

9-11-81

D. Russell Palmer
D. Russell Palmer
A&E-IA #744610

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year 80				Hrs. Min.		Hrs. Min.		Hrs. Min.	
Mo.	Day	Ground	Air						
3	11	tach reading 1614 hrs REPLACED PROPELLER							
4	17	air filter changed to Brockett BA 104							
6	26	Comp OK OK 76/80 77/80 78/80 79/80 A Coomes 1641467							
8	21	Tach 1690 Riff. Comp. Check: #1-73/80 #2-77/80							
		pressed jet pump mag. pts & checked mag timing.							
		heat shroud, & replaced cabin heat duct.							
		engine mount BOLTS at firewall & resooled							
		shivel screws & lubed. Replaced #1 cyl.							
		serviced brake reservoir. Cleaned & gapped							
		cleaned. AD 50 oil installed. checked oil & sust							
		down engine.							

ENGINE LOG

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Hrs.		Min.		Hrs.		Min.		Hrs.	
Year	Mo.	Day	Ground	Air					
1979									
8	29		Tach 1502	D. H. (amp check: #1-78 #2-79					
			Replaced #1 & 2 cyl exhaust gaskets. In-						
			new prop. shaft oil seal. Stop drilled crack						
			spark plugs & replaced air intake filter.						
			Dressed & painted prop blades. Checked						
			Oil changed & fuel & oil screens cleaned						
3	11	80	REPLACE ALTERNATOR CAPICTOR, 1 through						
			Tach 1614 hrs. REPLACE STARTER DRIVE HOUSING (W) A						
			REPLACE ALTERNATOR GASKET & RETIME TO ENGINE						

REMARKS

SIGNATURE

~~3-79~~ ~~4-79~~ Tightened & resorted oil filler necks
 stalled new alternator-starter brace strut. Installed
 in RT front battle. Installed 8 new REM 38 E
 Tightened alternator bracket bolts & resorted
 exhaust system starter brushes & engine mount.
 AD 50 Oil installed. Washed down engine.

I certify that this aircraft has been
 inspected in accordance with an Annual
 inspection and was found to be in airworthy
 condition.

8-29-79

Date

D. Russell Palmer
 A&E-IA #744510

+ BOLT MOUNTING BRACKET PLUS MOUNTING BOLTS.
 GOOD USED ONE. REPLACED RIGHT MAG OIL SEAL.
 Charles J. Hoffman AAP 1688478

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

ENGINE LOG

[illegible]

REMARKS

SIGNATURE

#3-⁷⁹80 #4-⁷⁹90 Removed #2 & 4 cyls for Mertz
valves & fitted new rings). C/w AD 78-09-07 by
Replaced throttle control clevis bolt. Repaired
exhaust stack at junction. Tightened oil
oil screens cleaned. 40 wt N/D oil installed.
mount & starter brushes. Engine washed down.

Enq.

I certify that this aircraft has been inspected in accordance with a Annual inspection and was found to be in airworthy condition.

Installed 795
W. Russell Palmer
NOB II 744610

9-20-78

Date _____

~~D. Russell Palmer~~

~~IA&E-IA #744610~~

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.		Hrs.		Hrs.	
Mo.	Day	Ground	Air						
11	1	Tach Reading				1247	REMOVE ALL CYL'S		
							CHROME CYL'S PERFORM		
11	1	Tach Reading				1247	Installed new		
		at 11:45 cleaned left mag PTS.					light wire. Oil changed. 30 wt V.O. oil		
		exhaust system engine mount. Spark plugs					painted prop. blades. Eng		
TOTAL TIME									

REMARKS	SIGNATURE
FOR TOP OVERHAUL REINSTALL & EXCHANGE (2 valves) RONIN CHECK Number APR 2200970	
Starter ring gear and gear used starter. Installed Installed new air intake filter. Repaired Landing installed. Fuel & oil screens cleaned. Checked cleaned & gapped. Engine washed down. Dressed & Eng	
I certify that this aircraft has been inspected in accordance with a <u>u. Annual</u> inspection and was found to be in airworthy conditions.	
11-1-77	D. Russell Palmer
Date	A&E-IA #744610

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
76	2	19	Tach. Time		1068		Changed Engine Oil Installed		
					7 gals		GULF 20/40 AD OIL Robert Bush 12546474		
10	7	7	Tach Time		1154		has Diff. Comp checki		
							new gasket installed Repaired carb heat		
							1 Turnator mount bolts to case. Replaced		
							new oil seal and carbon brush in right mag.		
							Replaced #1 cyl. intake hose and gasket		
							oil pressure with washer. Adjusted idle RPM &		
							pressure gauge line hose. Cleaned & gapped		
							oil installed. Fuel screens cleaned. Checked engine		
TOTAL TIME									

ENGINE LOG

REMARKS

SIGNATURE

#2 - 77 76 #3 78 79 #3 Exhaust stack repaired
 should. Flushed oil cooler. Tightened & resistered
 alternator capacitor. Cleaned #1 primer jet. Installed
 a retimed to engine. Cleaned pts. in both mags.
 C/n AD 76-16-02 by installing 211 cc vac. pump Boosted
 idle mixture Rescaled fireball. Installed new oil
 spark plugs. Oil changed and screens cleaned AD 20/40
 mount the starter brushes.

I certify that this aircraft has been
 inspected in accordance with a Annual
 inspection and was found to be in airworthy
 condition.

10-7-76

D. Russell Palmer

D. Russell Palmer

A&E JA #744610

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			

Sept. 18, 1975

Replaced Chalk Shift

o.i. Seal. New

Terminal Nipple on

o.i. Temp Sender.

O/W AD #74-26-09

Drive Bushing with Steel Bushing Per Bendix SB 556B

N/A on RF mag, New Set REM38C Plugs, Replaced

missing Rocker Box Screws, Replaced Nuts on Exhaust

stack flanges where needed, New Induction Air Filter.

Replaced Cabin Heat Duct, Comb. Heat Control.

Adjusted for Function, oil change + screws cleaned,

#40AD oil added, Controls Lubricated.

MONTGOMERYVILLE AIRPORT INC.

RT. 202 & 309

MONTGOMERYVILLE, PA. 18936

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

ENGINE LOG

I certify that this Engine

has been inspected in accordance

with Airframe/

and was found to be in

airworthy condition.

Date Sept. 18, 1975

T. T. # 1038 hrs

Signed Paul W. Helge 1372124TH

MONTGOMERYVILLE AIRPORT INC.

RT. 202 & 309

MONTGOMERYVILLE, PA. 18936

AD #75-08-09 N/A By S/U (o.i. Temp. F. 150)

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

Engine Serial

NC

Date		R. P. M.		Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.
Year	Mo. Day	Ground	Idle			
Engine Baffles checked For condition: Engine Controls checked For condition + operation. All these Assys. checked For condition. New Starter Brushes. Cyl. Honed, New Rings Installed, New Exhaust valve & guide Installed. Cylinder installed on Engine with new Hoses & Seal & gaskets. Controls lubricated. AD's checked To Date. AD #73-7-4 (Bandix on 79. Coil & Rotor Insp. Not Due Till 2000 hrs Total engine time. Lycorning S.B. #367F N/A Because of Serial #. (Piston Pin Insp.) Controls lubricated. Engine Run & Normal. Ready To Test fly. Paul W. Hilgner #1372124IA						
MONTGOMERYVILLE AIRPORT INC. RT. 202 & 309 MONTGOMERYVILLE, PA. 18936						
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
I certify that this ~~aircraft~~
has been inspected in accordance
with an Annual inspection
and was determined to be in
worthy condition.

SEPT. 2, 1974

E 975:08

Signed Paul W. Hilgner #1372124IA

MONTGOMERYVILLE AIRPORT INC.
RT. 202 & 309
MONTGOMERYVILLE, PA. 18936

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

CYLINDER NO.					
1	2	3	4	5	6
76	72	72	76		
80	80	80	80		

COMPRESSION CHECK

#3 cyl. Removed Because of Plug Fouling with Oil.
Engine mount checked and painted in Rusty Areas.

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

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.		Hrs.		Hrs.	
Mo.	Day	Ground	Air						
		MONTGOMERYVILLE AIRPORT INC.				"I certify that this (engine) has been in- spected in accordance with an Annual inspection and was determined to be in airworthy condition."			
		RT. 202 & 309							
		MONTGOMERYVILLE, PA. 18936							
						9/25/73	903 hrs.		
						Date	Tach Reading		
						JOSEPH K. WEIDNER, A. & P. - IA 1542280			
TOTAL TIME									

ENGINE LOG

SIGNATURE

REMARKS

Replaced muffler & right rear exhaust stack - Tailpipe
 & muffler shroud replaced - Installed with new exhaust
 gaskets & hardware - Replaced all flexible fuel & oil
 lines - Installed lines with new linestocking - Replaced
 alternator - Install Piper Kit #760-640 (air induction
 hoses) - Replaced #4 cylinder primer line nut & brass
 primer line tee - Replaced alternator capacitor & belt
 glw Piper S.B. #357A by replacing alternator terminal -
 Replaced propshaft seal - Replaced carburetor air filter
 Changed oil - Added 8qts. Aeroshell 50 AD Oil - Checked &
 cleaned oil pressure & suction screens - Replaced left
 front baffle (used) - Repaired baffle moulding - Replaced
 left magneto points & condenser

ENGINE LOG

REMARKS

SIGNATURE

9-10-72

TT. 863:00

INSTALLED 8 new SR 88 SPARK PLUGS.
 CHECKED mag Timings, INSPECTED EXHAUST SYSTEM.
 CLEANED OIL SCREENS - NEW OIL ADDED
 COMPRESSION CHECK #1 78 #2 80 - #3 76 #4 78

70-16-5 CW

72-6-5 CW

I Certify that this Engine has been
 inspected in accordance with a annual
 inspection and was determined to be in
 airworthy condition.

Date: 9-10-72

Peter Kowalczyk

10-A-8-1476395

Peter Kowalczyk

ENGINE LOG

REMARKS

SIGNATURE

9-29-71

TACK - 847.00

CLEANED & GAPPED SPARK PLOGS - DRAINED OIL
 REMOVED & RECONDITIONED #3 CYL - DUE TO LOW COMPRESS.
 NEW EXHAUST GIDE - NEW RINGS CYL HONED -
 RUN-UP CHECKED OK -
 REMOVED PROP - INSTALLED EXCHANGED PROP FROM SENSENICK
 WORK ORDER R 75886 -
 70-16-5 CW BY Insp.

I Certify that this Engine has been
 inspected in accordance with a annual
 inspection and was determined to be in
 airworthy condition.

Date: 9-29-71 Peter Kowalsky

16. 1476395
 Peter Kowalsky

ENGINE LOG

SIGNATURE

REMARKS

9-15-70

TACK 807.00
 WASHED ENGINE, DRAINED OIL, CLEANED
 SCREENS, CHECKED EXHAUST SYSTEM, DRAINED
 CARB BOWL - CHECKED EXHAUST SYSTEM
 CLEANED PLUGS - AERO SHELL #100 ADDED.

70-16-5 CW BY INSP

I Certify that this Engine has been
 inspected in accordance with a Annual
 inspection and was determined to be in
 airworthy condition.

Date: 9-15-70 Peter Kowalczyk
 A&P 1476395 12

Peter Kowalczyk

ENGINE LOG

SIGNATURE

REMARKS

9-20-69

DRAINED OIL - CLEANED
CLEANED + GAPPED SPARK PLUGS CK Comp.
CK EXHAUST SYSTEM -

TACK 739:50

SCREENS

I Certify that this Engine has been
inspected in accordance with a Annual
inspection and was determined to be in
airworthy condition.

Date: 9-20-69 Peter Kowalczyk
1A-A&P 1476395

Peter Kowalczyk

REMARKS

9-17-68

ALL OIL SCREEN CLEANED, GAS SCREENS
CLEANED, MAG POINTS CHECKED, PLUGS
CLEANED & GAPPED - EXHAUST SYSTEM CHECKS
ENGINE CONTROLS CHECKED FOR OPERATIONS

TT. 716:50

I Certify that this ~~Engine~~ ^{Engine} has been
inspected in accordance with a Annual
inspection and was determined to be in
airworthy condition.

Date: 9-17-68 Peter Kowalczyk

A&P 1476395 1A.

Peter Kowalczyk

ENGINE LOG

SIGNATURE

REMARKS

10.3-67

T.T. 689:43

PLUGS CLEANED & GAPPED, MAG CK.
OIL DRAINED & ALL SCREENS CLEANED
MUFF CHECKED

I Certify that this ~~Engine~~ has been
inspected in accordance with a Annual
inspection and was determined to be in
airworthy condition.

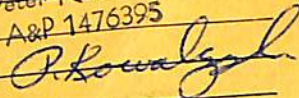
Date:

10.3-67

Peter Kowalczyk

A&P 1476395

114



ENGINE LOG

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

SIGNATURE

REMARKS

9-26-66

TT 663:94

SCREENS CLEANED, OIL CHANGED
PLUGS CLEANED & GAPPED, MAG CK
REPLACED ALL EXHAUST GASKETS
REPAIRED EXHAUST STACK, REPLACED AIR
INTAKE SCREEN, NEW GEN. BELT, CK HEAT MUFF.

AD 66-5-4 CW
66-22-2 CW | Certify the

I Certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. Peter Z...

Date: 9-26-66 Peter Kowalczyk
TT 663.94 A&P 1476395

Civil Aeronautics Act of 1938, punishable by Civil Penalty.

N C

[illegible]

ENGINE LOG

SIGNATURE

REMARKS

7/31/64 oil changed
screens cleaned. plugs
cleaned & gapped. mags
checked. engine washed
down. C. Strublis

I Certify that this aircraft has been
inspected in accordance with a Reliability
inspection and was determined to be in
airworthy condition. 7/31/64
T. 494.98 J. J. J. J.

condition. 11/4/98
T.T. 494.98
Edward Shuklis
G + P 14997 G2.

10/23/64 oil changed filters cleaned #65 shell oil Plugs cleaned & gapped. E. Lumbis of #18997.	at 1
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of 1938, punishable by Civil Penalty.

NC

NOTICE:—Making false entries in this book is a crime.

SIGNATURE

REMARKS

I Certify that this aircraft has been
inspected in accordance with a 100
inspection and was determined to be in
airworthy condition. B. Kowalski
Date: 6-15-64 Potomac Kowalski
A&P 1476395

Peter Lowrey
AP. 1470395

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.
3-4									
Nov	3	To APR	11, 1964			103	00	310	00
				TOTAL		Time	AC-E	310	00

ENGINE LOG

SIGNATURE

REMARKS

APRIL 11, 1964	100hr. insp	310 T.T. AC-E
Plugs cleaned & gaped - muff		
inspected. mag. points checked.		
All oil screens cleaned.		
Peter Kowalcyk		I Certify that this aircraft has been
AP. 1476395		inspected in accordance with a 100hr.
		inspection and was determined to be in
		airworthy condition. Peter Kowalcyk
		Date: 4/11/64 Peter Kowalcyk
		ASP 1476395

N C

[illegible]

ENGINE LOG

REMARKS	SIGNATURE
Nov. 3, 1963 100hr Insp. Total Time on Engine 207.00 Plugs cleaned & Regaped - New CRANKshaft seal installed, Muffler insp'd for cracks, May, Point checked. P. Kowalzyk A.P. 1476395	I certify that this aircraft has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. P. Kowalzyk Date: Nov 3, 1963 Peter Kowalzyk A&P 1476395

N C

[illegible]

ENGINE LOG

SIGNATURE

REMARKS

100 hrs. Inspection

Sept 15, 1963-

all oil screens checked & cleaned. plugs cleaned & regaped. new oil installed. mag checked.

Certify that this aircraft has been inspected in accordance with a 100h inspection and was determined to be in worthy condition. Peter Kowalczyk

Date: 9-16-43 Peter Kowalczyk
A&P 1476395

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 7463W
License No.

MANUFACTURER { Name *Lycorn*
Address *Williamsport Penna*

Model *O-360-A3A* H. P. *180* Serial No. *4-6153-36*

Stroke *2.875* Manifold Pressure { Normal
Bore *5.125* { Maximum

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

Gear Reduction Ratio
Certified Correct
Rotation of Propeller
Date

OWNER { Name
Address

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