

N3757T

#2

The Standard



ENGINE LOG

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER hoyominy MODEL PO860-B1E

SERIAL L-3879-57A

TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT 3757T

MINIMUM OCTANE FUEL 100 OIL GRADE SUMMER 50 WINTER 30

MAGNETO TIME 25° BTC POINT SETTING .018 FIRING ORDER _____

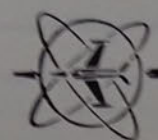
SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

Log

2

The Standard



ENGINE LOG

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1981	100551		1005.51	<i>empire</i> I Certify that this Aircraft has been inspected in accordance with an <u>Annual</u> Inspection and is Determined to be in an <u>Airworthy</u> Condition <u>[Redacted Signature]</u> <u>[Redacted Name]</u> Date <u>4/6/81</u> A & P # <u>[Redacted]</u> Tach <u>1005.51</u> Changed oil to SAE 40 AD, changed filter, cleaned screens, checked compression, serviced plugs & replaced three, inspected heat shrouds 24w AD 80-19-01 (muffler)

[illegible]



THE
adlog[®]

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N3757T

Engine Manufacturer Lycoming

Model IO-360-B1E

Serial No. L-3879-51A

Date installed on aircraft 9-16-67

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

☐ Front

☐ Rear



AERO
TECH PUBLICATIONS INC.

P.O. BOX 528 / OLD BRIDGE, NJ 08857

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL
11-1-82	1044.11	1044.11

TOTALS brought forward from previous page

Complied with ANNUAL Inspection
 ① Replaced ~~Alternator~~ Alternator Drive Belt

② Replaced forward crankcase seal.

③ Replaced heater ducting & defroster ducting

④ Replaced Ducting from 4/ Att Battel To Air filter housing.

⑤ Replaced all spark plugs

⑥ Replaced Ignition Harness, installed SKYtronics (FAA/PMA APPROVED) Ignition harness.

⑦ Replaced Oil Temp. sending unit.

⑧ Removed all cylinders. Reconditioned by Costal Aviation, Danbury CN.

Reinstalled all cylinders i/f/w Lycoming Service Manual. Replaced all gaskets & seals
 Comp. Test after initial Run!

#1 74/80, #2 70/80, #3 70/80, #4 70/80

⑨ Changed oil & filter - serviced w/ mineral oil for cylinder break in.

⑩ Repaired battel in front of #1 cylinder.

Ref. to rear of this log system for all applicable & non applicable AD notes. The following engine related AD notes were checked for compliance at this time:
 82-13-1, 81-18-4, 82-20-1

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Page No		DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	
7-16-83	1115.0	1115.0	TOTALS brought forward from previous page changed oil & filter. Serviced w/ 20 w 50 Phillips multi Viscosity. Replaced Air Filter w/ Brackett Air filter - P/N BA105 [Redacted Signature] AP [Redacted Signature]
1-84	1129.62	1129.62	Compliad w/ Annual Inspection - ① Comp Test - #1 79/80, #2 72/80, #3 74/80, #4 78/80 ② Replaced oil cooler hoses. ③ Removed fuel nozzles & sent to Mattituck Airbase for flow ck - Reinstalled same - (Ref yellow Tag) ④ Replaced oil filter (NOTE: oil <u>NOT</u> changed at this time.) 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. TOT <u>1129.62</u> TACH <u>1129.62</u> SMOH <u>1129.62</u> DATE <u>2-1-84</u> [Redacted Signature] AP & IA [Redacted Signature]
SUB-TOTALS this page			
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
10-1-84	1141.34	1141.34	Completed ANNUAL INSPECTION ① Changed oil & filter - serviced with 8qts Phillips X/C 20W50 oil ② Compression Test - #1 74/80 #2 77/80 #3 74/80 #4 74/80 ③ Repaired cracked baffel on #3 cyl. T.S.T.O.H. - 97.23 HRS I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOT 1141.34 TACH 1141.34 SMOH DATE 10-1-84
11-23-85	1152.53	1152.53	Completed Annual Inspection ① changed oil & filter, serviced w/ 8qts Phillips XC 20W50 oil ② Compression Test #1 75/80 #2 76/80 #3 73/80 #4 73/80 ③ Replaced both lower engine Lord Mounts Assy's. ④ Replaced Air filter element (AD84-262) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOT 1152.53 TACH 1152.53 SMOH DATE 11-23-85
			SUB-TOTALS this page TOTALS—Carry forward to next page

AP-1A

TOTALS brought forward from previous page

1-10-88

1172.0

per evening
SB 240K
248

checked, cleaned & gapped plugs. Changed oil & filter. Serviced with Aeroshell 40 wt/dot. Checked comp. #1 74 #2 76 #3 70 #4 76. Replaced 90° Elbow on forward governor push line (New steel type) M420422-6. Security that this engine has been inspected 11/10/88 a 100 hr insp and was approved for return to service.

AEP

5/15/88

1221.32

changed oil + filter tightened oil filler neck. Serviced with Aeroshell 50 wt dot.

AEP

9/24/88

1274.53

1274.53

replaced oil filter Champion P/N CH48103. changed oil. serviced with aeroshell SAE 50w.

10/30/88

1288.7

1288.7

replaced all spark plugs

12/11/88

1309.1

changed oil + filter serviced with aeroshell 15w 50w and filter CH48103 lubricated landing gear replaced air filter element P/N BA-10

AEP

SUB-TOTALS this page

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
4-20-89	1311.0		Replaced all brake linings & bleed system. Cleaned, gapped & tested plugs. Checked timing & compression #1 75 #2 74 #3 76 #4 75. Cleaned fuel screens. Replaced fuel pump with new pump. Washed engine & pump. I certify that this engine has been inspected 1/A/W a 100 hr insp. & was determined to be in a airworthy condition. A&P [redacted]
12/26/90	1351.0		Changed oil and filter (CH 48103) and serviced with Aeroshell 15W 50-79ts [redacted] A&P [redacted]
5-14-90	1371.0		Replaced crankshaft seal & alternator belt. Cleaned & gapped & tested plugs. Checked timing & compression #1 78 #2 79 #3 77 #4 77. Cleaned fuel screens. Checked exhaust system. C/W AD 90-04-06 by insp & found satisfactory per AD para A and 5/B 488 and 5/L 1435 PART III. Changed oil & filter. Serviced with Aeroshell 15W 50. Washed engine & pump. I certify that this engine has been inspected 1/A/W a 100 hr insp & was determined to be in a airworthy condition. A&P [redacted]
			SUB-TOTALS this page
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DESCRIPTION OF WORK PERFORMED—
 SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
10-18-92	Engrt 1414.0		CHECK compression #1 75 #2 77 #3 77 #4 76 CHANGED oil & filter. Serviced with AeroShell 50 wt. oil. C/N AD90-04-06 by replacing governor external oil line with new line from Aero HEAT. Cleaned fuel screens. cleaned & gapped all plugs. Replaced coil in LH mag. (P/N AB-391088-1) Returned to engine. I CERTIFY THAT THIS AIRCRAFT engine has been inspected 1/2 W 100 HR insp and was determined to be in a airworthy condition.

5/4/93 1469.51

 DATE: 5/4/93 TACH: 1469.51
 MECH: [Signature] W.O. 17618
 GENERAL AVIATION CO., INC.

1) 50 HR INSP. I. A. W. GAC

50 HR ✓ list

 FULLERTON MUNICIPAL AIRPORT
 92633
 F.A.A. APPROVED REPAIR
 STATION # AGER074C

2) compression check (1) 76, (2) 78,

(3) 70, (4) 76 / 80

3) oil change w/ 6 qts 15W50 AND

CH48103 FILTER

4) run-up & leak check

5) end

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
11-9-93	1502.3		I Certify this <u>engine</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in an Air-Worthy condition. Checked oil + filter, 7qts Aeroshell 15W50, cleaned plugs + fuel screens, checked mag points + timing, installed new rear bearing in it mag, AD93-2.5 C/W by inspection, next due 11-94, washed engine, runup + leak checks good. A&T [REDACTED]
5-3-94	1528.1		Changed oil + filter, 7qts Aeroshell 15W50, washed engine, runup + leak checks good. A&T [REDACTED]
2-24-95	1529.3		I Certify this <u>engine</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in an Air-Worthy condition. Checked oil + filter, 7 qts Aeroshell 15W50, cleaned plugs + fuel screens, checked mag points + timing, AD94-1-3R1 C/W by inspection on left mag + coil replacement on right mag, washed engine, runup + leak checks good. [REDACTED]
9-28-95	1534.4		checked oil compression, ① 73 ② 78 ③ 72 ④ 77, changed oil filter + inspected. no metal found, runup + leak checks good. [REDACTED]
			SUB-TOTALS this page
			TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	
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1-17-96 1570.7

Changed oil + filter, 7 qts Aeroshell W100, washed engine, runup + leak check good.

3-1-96

1577.1

I Certify this engine has been inspected in accordance with a annual inspection and was determined to be in an Air-Worthy condition.

Checked oil + filter, 7 qts Aeroshell W100, cleaned plugs + fuel screen, checked mag points + timing, AD 93-25 C/W by inspection, next due 3-97, AD 78-9-7R3 C/W

by inspection, next due 2077-1, washed engine, runup + leak check good.

9-12-96

tach 1626.7

Changed oil + filter, 7 qts Aeroshell W100, replaced #2 cyl lower plug, washed engine, runup + leak check good.

4-16-97

1623.5

I Certify this engine has been inspected in accordance with a annual inspection and was determined to be in an Air-Worthy condition.

Changed oil + filter 7 qts Aeroshell W100, cleaned plugs + fuel screens, checked mag points + timing, AD 93-25 C/W by inspection, next

due 4-98, installed new fire muffler, washed engine, runup + leak check good.

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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	
			TOTALS brought forward from previous page
8-22-00	1756.8	1756.8	DRAINED oil, Service w/ 8 QTS Aeroshell 100W, Replace oil filter ch 48110 - Replace induction Air Filter P/N BA-10, Removed $\frac{1}{2}$ Replace BOTH Points AND Condenser in Both MAGNETOS - Replace impulse Coupling in LH MAG to c/w AD 96-12-07 - Replace oil Slings on RH magnetos - check internal Timing AND Reinstalled on Engine - c/w Compression check $\frac{72}{80}$ $\frac{78}{80}$ $\frac{70}{80}$ $\frac{77}{80}$ - Replace Two spark plugs P/N REM40E - Ad's check Through Aug 02, 00 - c/w Ad 93-02-05 Fuel Injector Line, Per Para (a) (c) of AD - NEXT INSP Due 8/01 or 1856.8 - Ground Run Engine, OPERATIONAL check GOOD, no oil leaks Detected I certify that this airframe/engine/propeller/appliance inspected in accordance with an annual 100 Hour inspection and was determined at time of inspection to be in airworthy condition RUSSELL S. PACI A&P
			SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
11/26/01	1788.7	1788.7	Drained oil, Service w/8 Ots Aeroshell 100w Replace oil filter ch 48110 - Replace Air Filter BA-10 - clean & Gap All Plugs - Removed & clean & Reinstalled All Injectors - c/w Compression check #1 ^{73/80} 70/80, ^{70/80} 72/80 ^{74/80} - Replace Fuel Lines in Engine Compartment - Replace SCAT Tubing from Inlet to muffler Schroud - Ad's check Through 11-23-01 c/w Ad 93-02-05 Fuel Injector Lines - next insp Due 1888.7 - Found Ad 96-09-10 oil Pump Impellers, NA Per AC 43-16A, AVIATION MAINT. ALERT # 275. - See Ad List for Reurring Dates & Times - Wash Engine, GRAND Run - operational check Good no-oil Leaks Detected — END — I certify that this airframe/engine/propeller/appliance was Inspected In accordance with an annual 100-Hour inspection and was determined at time of inspection to be in airworthy condition. RUSSELL S. PACI A&P
			SUB-TOTALS this page
			TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
1/05/03	1843.9	1843.9	c/w ANNUAL Insp. DRAINED oil Service w/ 8 Qts 100W Replace oil filter CH48110 Replace Air filter BA-10 - CLEAN & GAP PLUGS Replace 2 EA Spark Plugs REM40E - C/W Compression check #1 $\frac{74}{80}$, $\frac{74}{80}$ $\frac{70}{80}$ $\frac{76}{80}$ Ads check through 1/1/03 - C/W Ad 02-26-01 Fuel Int Lines - next Due 1/04 or 1943.9 - See Ad List for Recurring Dates AND Times - Check ENGINE to MAGNETO Timing - GROUND RUN - OPERATIONAL check GOOD - NO oil leaks Detected - END - I certify that this airframe engine/propeller/rotorcraft was inspected in accordance with an annual 100 Hour inspection and was determined at time of inspection to be in airworthy condition. RUSSELL S. PACI A&P [REDACTED]
7-23-03	1874.3	1874.3	Drained oil and removed oil filter. Serviced with 8 qts. Aerarhell 15W50 oil. Installed Champion CH48110 oil Filter. Cut old filter open to check for foreign matter. None found. Removed spark plugs. Cleaned, regapped, tested and reinstalled spark plugs. O.K. for return to service. [REDACTED] A&P [REDACTED]
10-17-03	1920.3	1920.3	Replaced all 4 exhaust gaskets with "No Blow" style gaskets. [REDACTED] A&P [REDACTED]
			SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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11-7-03	1933.8	1933.8	Drained oil, remove oil filter. Replace oil filter with Champion CH48110-1. Install 8 quarts aeroshell 15W50 oil. Cut open oil filter & check for foreign matter. Return To Service
2/14/04	1982.1	1982.1	Drained oil & removed filter & inspected, no metal found. Compressions 176/80 2 77/80 3 75/80 4 75/80 Installed 8qts 15W50 & qty 1 CH48110-1 filter. Replaced #3 exhaust stack. Resecured Rocker cover screws & inlet screws. Ground Ran ops & leak check good.
			A/C REG. # 3757T TOTAL A/C TIME 1982 HRS. DATE 2/14/04 TACH TIME 1982.1 engine I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER 43 APPX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNATURE CERTIFICATE NO./TYPE
END			
4/19/05	1993.87	1993.87	Drained oil & Removed filter & inspected. No metal found. Compressions 170/80 2 76/80 3 79/80 4 77/80 Installed 8qts 15W50 & qty one CH48110-1 filter cleaned & rotated plugs. Ground Ran ops & leak check Normal.
			A/C REG. # 3757T TOTAL A/C TIME 1993 HRS. DATE 4/19/05 TACH TIME 1993.87 engine I CERTIFY THAT THIS A/C HAS BEEN IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER 43 APPX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNATURE CERTIFICATE NO./TYPE
			SUB-TOTALS this page
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END

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
11-23-05	2002.18		R+R #2 Cylinder assembly. Ran engine to check for oil leaks and operation. Engine operation satisfactory. [REDACTED] APP [REDACTED]
6-1-06	2007.88	2007.88	Drained oil & removed oil filter. Serviced w/8qts. Aermhell 15W50 oil and Champion CH48110-1 oil filter. Cut old filter open. No foreign matter found. Cleaned & re-gapped spark plugs. Compression: #1-76/80, #2-77/80, #3-74/80, #4-75/80. Washed down engine compartment. Ran engine. No leaks noted. C/W AD 95-26-13 by inspection of oil cooler hoses. C/W AD 2002-26-01 by inspection of fuel injection lines and clamps. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. [REDACTED] [REDACTED]
8/10/07	2017.5	TT	REMOVED COWLING FOR INSPECTION & GENERAL SECURITY OF ENGINE & ENGINE COMPARTMENT. COMPRESSION CHECK 1 77/100 2 75/100 3 75/100 4 76/100. CHANGED FILTER, FILTER CHECK, OK. OIL NOT CHANGED AT THIS TIME. CLEANED PLUGS. REPLACED ALL LOWER PLUGS WITH NEW REM 40E'S. REMOVED FUEL INLET FINGER SCREEN FOR CONTAMINANT INSPECTION, NONE FOUND. C/W AD'S 95-26-13, OIL COOLER HOSES BY INSPECTION, AD 02-26-01
			SUB-TOTALS this page
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SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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2/28/07 2037.34 TT

FUEL INJECTOR LINES BY INSPECTION
CHECKED AD'S THRU THIS DATE. I
CERTIFY THIS ENGINE WAS INSPECTED
TAW A 100 HOUR INSPECTION & FOUND
AIRWORTHY THIS DATE [REDACTED]
CHANGED OIL & FILTER, SERVICED
WITH 8Q+5 AEROSHELL 15-50, FILTER
CHECK OK, RUN UP OK, [REDACTED]

AdP

8/25/08 20515 NEW

REMOVED COWLING FOR INSPECTION OF
ENGINE. CHECKED ALL COMPONENTS THEREOF
FOR FUNCTION, SECURITY & DEFECT, CHANGED
OIL & FILTER, FILTER CHECK, OK. COMPRESSION
ALL 75/80 OR BETTER, REPLACED R/H MAGNETO
HARNESS WITH NEW SKYTRONICS UNIT. C/W
AD'S 95-26-13, 08-14-07 BY INSPECTION, DUE
@ ANNUAL OF TACH 2151. CLEANED & ROTATE PULS,
CHECK FUEL INLET SCREEN, OK. I CERTIFY THIS
ENGINE WAS INSPECTED IAW A ANNUAL
INSPECTION & FOUND AIRWORTHY THIS DATE.

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DA

N32379

AFT/Tach = 2062.0

Eng TIS = 2062.00

Eng SMOH = NA

11/2/2009

Discrepancy	Corrective Action
Annual inspection is due	Accomplished annual inspection
CW AD2008-14-07 To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment	CW - per par (j) and Lycoming SB No. 342E
CW AD2009-02-03 To prevent a lean running engine	NA - per servo overhaul date
Compression check	# 1 75/80, #2 75/80, #3 75/80, #4 75/80
Oil change is due	Changed oil and filter (CH48110-1). Cleaned sump screen. No particles found. Serviced with 8 qts. Castrol AD100. Leak check ok
Spark plugs are due servicing	Cleaned gapped and tested spark plugs. Ok for service.
Service fuel system	Cleaned screen. No leaks noted.
Engine induction filter element is due replacement	Replaced filter element (BA-10)
Engine induction drain check valve is inop. Valve stays open and sucks air at idle.	Installed new valves (2 ea. 492-091)
Magneto's are due overhaul by calendar time	Remove and ship to Executive Accessories for overhaul. Mags were worn beyond repair.
Rocker cover gaskets are leaking	Torque and leak check covers. Leak check ok.
Engine oil filler tube is loose and leaking	Tighten and re-safetied. Leak check ok.
Top of oil cooler has debris	Cleaned debris
Eng induction fuel drain sniffle check valves are inop	Replaced drain sniffle valves (2 ea. 492-091)
Idle mixture is set at full rich stop, idle set screw is set at max extension	Adjusted mixture and idle RPM

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

Guardian Aviation Services, LLC

2/19/11 TACH 2079.95 TSN 2079.95 DECOOLED ENGINE FOR INSPECTION. CHECKED ENGINE FOR SECURITY DEFECT & OPERATION, OK. OIL FILTER CHECK, OK, REPLACED FILTER. NO OIL CHANGE AT THIS TIME. COMPRESSIONS ALL 75/80 OIL FILTER REPLACED AIR FILTER. CHECKED AD'S. ~~RUN UP~~ RUN UP LEAK CHECK, OK. I CERTIFY THIS ENGINE WAS INSPECTED IAW A ANNUAL INSPECTION AND FOUND AIRWORTHY THIS DATE [REDACTED] IA

10/18/12 Tach 2090.25 TSM 2090.25

Performed an annual inspection IAW 14CFR 43 and 43 appendix D. Compressions were 1) 72/80 2) 73/80 3) 71/80 4) 74/80. R+R # 3 cylinder Intake pipe PN 71713 and installed new Int gasket cylinder #3. Drained oil serviced with 8 qts AS 15W50. R+R oil Filter AA4810-2

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
			Continued from prev page:
			C/W AD 11-26-04 by visual inspection of injector lines and clamps. AD's checked Hrs 10/18/12. Ground run engine leak check and operational check good. I certify this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.
			DUSTIN R WHITLEY [Redacted]
			[Redacted]
			N3757T Engine Mfg: Textron Lycoming Model: O-360-B1E S/N: L-3879-51A Tach. Time: 2099.8 Hrs. ANNUAL INSPECTION Date: 28 Feb 2014 Total Time: 2099.8 Hrs
			Remove cowling and inspect for fuel / oil leaks, Inspect oil filter (no metal) and replace (AA48110-2), Compression Test: #1 - 76/80, #2 - 79/80, #3 - 74/80, #4 - 72/80. Inspect magneto timing and adjust, Inspect controls, Replace air filter (BA-10), Clean and rotate spark plugs - replace 1 cracked , inspect and clean fuel strainer, Inspect heat exchanger, inspect engine mount, 7 Qts. Aero Shell 100W oil. Run up engine: Adjust idle mixture and idle rpm setting - All operations normal . AD90-04-06R1 Prop governor oil line - Inspect IAW para. A, Lyc SB 488 & SL 1435 Part 111, 19 May 1990 / 1371 hrs. Shields AD96-09-10 Oil pumps - C/W Lyc MSB 455D Installation of 05K19423-S impeller kit, 1 Nov 1981 / 1044.1 hrs. Bettens AD2004-10-14 Failure of crankshaft gear retaining bolt, due at next prop strike or overhaul. AD2011-26-04 Prevent failure of the fuel injector lines - Inspect IAW Lyc. MSB 342F & (h) of the AD. next due 28 Feb 2015 / 2199 hrs. James B. Kirk [Redacted] A&P [Redacted]
			I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at that time.
			James B. Kirk [Redacted] IA [Redacted]
			KIRK AIR BASE (T73), [Redacted], Lancaster, SC 29720
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Engine
N#:3757T Date:2-19-2020 Tach:2107.93 Model:PA28R-180 Serial#:30066
TTAF:2107.93 TTE:2107.93 TSMOH:n/a TTP:2107.93 TSPOH:45.63

C/W **Annual/100hr Inspection**. Drained oil and removed filter and inspected, no metal found. Compressions #1.65/80 #2.76/80 #3.64/80 #4.76/80. Installed 7 qts 15W50 Aeroshell and qty 1 AA48110-filter. Replaced inlet air filter p# BA-10. C/W AD15-19-07 by inspection, next due 2207.93. Removed fuel servo and flow divider for ovh @ CRS X9PR865N, P#252327-2, serial # 746H and p# 2524297-10 serial # 16086/4 and re-installed, rigged and ground ran and ops check normal. Replaced all 4 rocker gaskets p#06B26669. Replaced fwd and aft mufflers and #1 down pipe, p# PIM0004 qty 2 and K67619-00 qty 1, RA77611 qty 4. AD2009-22-03 Prop eddy current inspection due @ 2162.0TTAF.

I certify that this **AIRFRAME/ENGINE/PROPELLER** has been inspected IAW an Annual/100hr inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A

Engine
N#:3757T Date: 5-4-2021 Tach: 2123.49 Model: PA28R-180 Serial#: 30066
TTAF: 2123.49 TTE: 2123.49 TSMOH: n/a TTP: 2123.49 TSPOH: 61.22

C/W **Annual/100hr Inspection**. Drained oil and removed filter and inspected, no metal found. Compressions: #1.72/80 #2.75/80 #3.75/80 #4.75/80. Installed 7 qts 20W50 Phillips X/C and qty 1 AA48110 filter. Lubed throttle cable with mouse milk. C/W AD15-19-07 by inspection.

I certify that this **AIRFRAME/ENGINE/PROPELLER** has been inspected IAW an Annual /100hr inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P

Engine
N#:3757T Date:2-24-2023 Tach:2125.6 Model:PA28R-180 Serial#:28R-30066
TTAF:2125.6 TTE:2125.6 TSMOH: n/a TTP:2125.6 TSPOH:63.33

C/W **Annual/100hr Inspection**. Drained oil and removed filter and inspected, no metal found. Compressions: #1.75/80 #2.72/80 #3.72/80 #4.74/80. Installed 7 qts 20W50 XC oil and qty 1 AA48110-2 filter. Replaced inlet air filter p# BA10. C/W AD2015-19-07 fuel line inspection, next due 2225.6. Replaced starter ring on fly wheel with p# SL72566, ops check normal. Repaired #2 egt probe wire harness. Replaced misc loose rivets in cabin heater muff.

I certify that this **AIRFRAME/ENGINE/PROPELLER** has been inspected IAW an Annual /100hr inspection per CFR 43 appendix D and is in an airworthy condition.

Neil Stewart A&P

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Date: 03-17-24 Type: Piper PA-28R-180 Tail # N3757T Serial # 28R-30066 TTAF: 2133.0 TTE: 2133.0 Tach: 2133.0 TSTOH: 1088.9 Top Overhaul Engine Service: Drained oil and removed filter and inspected, no metal found. Compressions: #1 72/80 #2 72/80 #3 72/80 #4 74/80. Installed 7 qts 20W50 XC oil and AA48110-2 filter. Inspected inlet air filter - OK. Slick Model 4370 right and left mags overhauled using Champion Aerospace Overhaul Kit MK401. Installed and timed. Replaced Spark Plug leads with Slick Harness M4006R. Replaced 4 rocker covers with Lycoming 61247. Lubed and inspected all cables and controls and tested for operation. I.A.W Lycoming Operators Manual part no. 60297-12 dated 10-2005. Run-up, Leak Check + Flight Check - OK. Performed Annual Inspection: ADs researched through 3-2024. I certify that this engine has been inspected I.A.W. an Annual Inspection I.A.W. Lycoming Operators Manual part no. 60297-12 dated 10-2005 and FAR part 43 appendix D and was found to be in airworthy condition as this date and time -Nothing Follows- Paul Pelletier [REDACTED] AP [REDACTED] On behalf of A&P Paul LLC

4/18/2024 N3757T Piper PA28R-180 Lycoming IO-360-B1E S/N L-3879-51A. Tach 2134. ETT 2134. **STOH 1089. ANNUAL** Inspection completed this date IAW FAR 43 App D and Lycoming IO-360-B1E service manual as a reference. R&R oil filter with Tempest AA48110. Checked filter for metal....none found. Serviced with 7 quarts of Phillips 20W-50. Cleaned and rotated spark plugs and installed with (8) new M-674 gaskets. Compressions: #1 72/80 #2 72/80 #3 70/80 #4 74/80. Checked timing and reset. Lubed all controls and tested for ease of operation. Inspected induction system. Inspected exhaust system for cracks and defects. Inspected all hoses. Replaced air filter with Brackett BA-10. Cleaned and inspected fuel servo screen. I certify that this engine has been inspected in accordance with an annual inspection and at this time was determined to be in airworthy condition. Pete Trabold AP [REDACTED] IA for Simsbury Aviation Services, LLC. ----- END -----

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