



The Standard

ENGINE LOG

ASA-CE-1

The subject aircraft was involved in an incident / accident on 11/26/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 0946034404US.

Signed: ***Underwriters Salvage Company***

Date: **1/7/2026**

AIG Aerospace Adjustment Services Inc

3500 Lenox Road, Suite 1100

Atlanta, GA 30326

YEAR: 2024 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	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.)
09/28	5590.0		163.	<p>Removed Cowl, Drained carb & gasulator area gasket & screen in gasulator, check for leaks (OS) Check mag timing & bands (OC). Diff. Comp. Oil & filter changed 7 hrs ago. 21st/72 H3rd/77 New Air filter (OC) Run up good H2nd/77 H 4th/78</p> <p>To certify this Engine has been inspected to be in air worthy condition and found to be in air worthy condition at this time Gerald K. Brown [Signature] 092839 BSE 09/28/2024</p>

YEAR: 2025 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	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.)
09/31	5601.0		175.	<p>OIL CHANGE: DRAINED OIL, REMOVED OIL FILTER, INSTALLED NEW FILTER, P/N AA 48108-2, TORQUED TO 170 FT-LB ; SAFETIED W/ 0.032" WIRE. ADDED 7 QTS AEROSHELL 15W-50. GROUND RUN, NO LEAKS. NEXT OIL CHANGE DUE 5651 HRS. OWNER HENRY DE WEE [Signature] PP # 3796998</p>

YEAR: 2024	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE 5100 ^{1/2}	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.)
3-27	5572.12		145.75	AD 68-05-01 EXHAUST MUFFLER PER INSPECTION CRITERIA & REF. SERVICE LETTER 3240. NO DEFECTS NOTED. Ed Fawn AIP 3279873
7-13	5584			OIL CHANGE: DRAINED OIL, REMOVED OIL FILTER, INSTALLED NEW FILTER P/N AA48108-2, TORQUED TO 18 FT-LB & SAFETIED WITH 0.032" WIRE. ADDED 70TS AEROSOL 15W-50. GROUND RUN, NO LEAKS. NEXT OIL CHANGE DUE 5634 HRS. OWNER HENRY DE JAGER John P/P # 3796998

YEAR: 8-24-24	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.)
8-24-24	5583.8		1574.0	INSTALLED SERVICEABLE Cyls PISTON & Rings + PISTON PIN #4 POSITION. IAW hyc mm. with all new seals AND gasket, lockwashers. INSTALLED new ind. AIR filter BA4108 C/w ground runs for functional & leak check Ed Fawn AIP 176522217 WO 45882-1

YEAR: 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.)
12-21-2022	5530.77			REMOVED MIXTURE CONTROL CABLE AND INSTALLED NEW UNIVAIR CONTROL CABLE P/N U16775-000 S/N 533276 ; CONTROL CABLE KNOB P/N 108-6221502-20 S/N 529449. GROUND TEST FOR PROPER OPERATION Bill Perry AIP 3279073
01-26-23	5534.91	TACH TIME		REMOVED CARB HEAT CONTROL CABLE AND INSTALLED NEW UNIVAIR CONTROL CABLE P/N U16775-000 S/N 535314. GROUND TEST FOR PROPER OPERATION Bill Perry AIP 3279073
5-10	5540	AD	68-05-01	NO DEFECTS Bill Perry AIP 3279073

YEAR: 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.)
7-22-23	5559			OIL CHANGE, DRAINED OIL, REMOVED OIL FILTER, INSTALLED NEW FILTER P/N AA 42108-2, TORQUED TO 18 FT-LBS ; SAFETIED WITH 0.032 WIRE. ADDED 7 OZS AEROMETAL 15W-50 GROUND RUN, NO LEAKS. NEXT OIL CHANGE DUE 5609 HRS. P/P-OWNER HENRY DELAGRE <i>[Signature]</i> P/P# 379698.

N4588Z Piper PA-22-108 SN: 22-8097 TACH: 5492.63
 Engine: Lycoming O-235-C1B SN: L-8214-15 Eng TT: 2485.87 Eng TSMOH: 65.63


Performed Annual inspection on Engine IAW FAR 43 Appendix D and Piper PA 22-108 Service Manual. Cleaned, gapped, inspected, and tested spark plugs. TQ'd plugs to 420 in. lbs. Checked magneto engine timing to 25 degrees before TDC. Performed Exhaust Pressure Test.

Performed Compression Test as follows: Cyls (#1) 77/80, (#2) 64/80, (#3) 76/80, (#4) 77/80.
 Oil change. Drained oil, removed old filter, cut and inspected. No defects noted at this time. Installed new oil filter PN: AA48108-2 torqued to 17 ft. lbs. and safety wired. Serviced engine with 7 qts of Phillips 20W50 X/C oil. Ground ran aircraft and leak checked. No leaks noted at this time. Next oil change due at 5542.63 tach time.

Installed OH exhaust stack PN: 12043-23 and muffler shroud PN: 12742-04, new muffler PN: A10308-003, SN: 230618 and tail pipe PN: A11417-04, SN: 224273 using new gaskets PN: 77611.


Installed repaired #2 cylinder PN: 71828, SN: F3884 IAW Lycoming O-290 SM using provided gasket kit.
 CW AD 98-01-06 by inspection of the carburetor IAW Par (a)(1). No further action required unless engine runs rough or experiences power loss.

Checked ADs through TDATA 2022-17
 Ground ran Aircraft. No leaks/ defects noted.
 I certify that this Aircraft was inspected IAW an Annual Inspection and was found to be in an Airworthy Condition at this time and is Approved for Return to Service


Signed  IA 3087054
 DNT Avionics LLC Grand Junction, Colorado 81506
 For Pertinent Details Ref. WO# 1291 Date: 08/17/2022

N4588Z Piper PA-22-108 SN: 22-8097 TACH: 5492.63
 Propeller: Sensenich M76A M-2 SN: 36278 Prop TSMOH: 65.63 Prop TT: 65.63

Performed Annual inspection on Propeller IAW FAR 43 Appendix D and Piper PA-22-108 Service Manual. No defects noted.
 Checked ADs through TDATA 2022-17
 Ground ran Aircraft. No leaks/ defects noted.
 I certify that this Aircraft was inspected IAW an Annual Inspection and was found to be in an Airworthy Condition at this time and is Approved for Return to Service

Signed  IA 3087054
 DNT Avionics LLC Grand Junction, Colorado 81506
 For Pertinent Details Ref. WO# 1291 Date: 08/17/2022

				TACH TIME 5526.53
11-17-2022	OIL CHANGE, REMOVED OLD FILTER, INSTALLED NEW OIL FILTER PN AA 48108-2			
	TORQUED TO 17 FT-LBS & SAFETY WIRED. SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W-50			
	GROUNDRAN, NO LEAKS. NEXT OIL CHANGE DUE 5576.23. MUFFLER TO CORR AERODUCT			
	2" TUBING REPLACED WITH NEW. ADP CAP/A. BARROW 3279073			



N4588Z Piper PA-22-108 SN: 22-8097 TACH: 5459.0
Engine: Lycoming O-235-C1B SN: L-8214-15 Eng TT: 2452.24 Eng TSMOH: 32.0

Performed Annual inspection on Engine IAW FAR 43 Appendix D and Piper PA 22-108 Service Manual. Removed and replaced induction air filter PN: BA-6108. Cleaned and inspected fuel filters. Checked magneto engine timing to 25 degrees before TDC. Cleaned and inspected Carburetor Finger screen. Performed Exhaust Pressure Test. No defects noted.

Performed Compression Test as follows Cyls (#1) 72/80, (#2) 74 /80, (#3) 35/80, (#4) 70/80.

Removed and replaced spark plugs with (8) new PN: UREM-40E. Torqued plugs to 420 in. lbs. Ops check good.

Oil change. Drained oil and took oil sample, removed old filter, cut and inspected. No defects noted at this time. Installed new oil filter PN: A44108-2, torqued to 17 ft. lbs. and safety wired. Serviced engine with 7 qts of Phillips 20W50 X/C oil. Ground ran aircraft and leak checked.

No leaks noted at this time. Next oil change due at 5509.0 TACH time.

Removed and replaced rear exhaust with repaired PN: 12043-22 with new gaskets PN: 65321 (4) new attaching hardware as needed PN: 08-03639

Removed and replaced old vacuum pump PN: 211CC, SN: 102263 installed OH unit PN: 211CC, SN: 191375 using 2 gaskets PN: 61183 and 1 gasket PN: SL8313. Ops checks good.

Removed and replaced RH exhaust tail pipe braces clamp and installed new PN: U8002-074 clamp.

Removed #1 Cyl assy PN: 71828, SN: unknown. Installed repaired Cyl PN: 71828SF, SN: 6039-1. Wet TQ'd to spec. Adjusted valve lash. Ran engines op chk/lk chk C/W. After ran valve lash measurement check C/W no defects. Exhaust, intake, and battery reinstalled as required.

IAW Lycoming 0-235 and 0-290 series MM. All new gaskets used supplied kit PN: 5L12040-SC

Removed #2 cyl assy PN: 71828, SN: unknown. Installed repaired Cyl PN: 7182ST, SN: 6039-2. Wet TQ'd to spec. Adjusted valve lash. Ran engines. Op chk/lk chk C/W. After ran valve lash measurement chk C/W no defects. Exhaust, intake, and baffling reinstalled as required

IAW Lyc 0-235 and 0-290 series MM. All new gaskets used supplied kit PN: SL1204-5C.


Removed #3 Cyl assy PN: 71828, SN: unknown. Installed repaired Cyl PN: 7182ST. Wet TQ'd to spec. Adjust valve lash. Ran engine. Op Chk/lk chk C/W. After ran valve lash measurement reinstalled as required IAW Lyc 0-235 and 0-290 series MM. All new gaskets used supplied kit PN: SL204-SC.

supplied kit PN: SL204-SC.

CONTINUED NEXT PAGE msp

Removed #4 cyl assy PN: 71828 SN: unknown. Installed repaired Cyl PN: 7182ST, SN: 6039-4. Wet TQ'd to spec. Adjusted valve lash. Ran engine op chk/lk chk C/W. After ran valve lash measurement C/W no defects. Exhaust, intake, baffling reinstalled IAW Lyc 0-235 and 0-290 series MM. All new gaskets used supplied kit PN: SL12040-SC.
Ground Ran Aircraft. No leaks noted.


I certify that this Engine was inspected IAW an Annual Inspection and was found to be in an Airworthy Condition at this time and is Approved for Return to Service.

Signed  IA 3087054
DNT Avionics LLC Grand Junction, Colorado 81506
For Pertinent Details Ref. WO# 700 Date: 6/4/2021

N4588Z Piper PA-22-108 SN: 22-8097 TACH: 5459.0
Propeller: Sensenich M76A M-2 SN: 36278 Prop TSMOH: 32.0 Prop TT: 32.0

Performed Annual inspection on Propeller IAW FAR 43 Appendix D and Piper PA-22-108 Service Manual. No defects noted.
Removed and replaced bulkhead with new PN: 0550321-5 using 6 new washers PN: A-168-57. TQ'd prop bolts to 43 ft lbs and safety wired.
Ground Ran Aircraft. No leaks noted.

I certify that this propeller was inspected IAW an Annual Inspection and was found to be in an Airworthy Condition at this time and is Approved for Return to Service.

Signed  IA 3087054
DNT Avionics LLC Grand Junction, Colorado 81506
For Pertinent Details Ref. WO# 700 Date: 6/4/2021

YEAR: _____ 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.)
10/15/16	5447			I certify this engine + prop has been inspected in accordance of an ANNUAL inspection and determined to be in an Airworthy condition Lynn Bone IA 2161079
10/31/17				I certify this engine + prop has been inspected in accordance of ANNUAL inspection + determined to be in an Airworthy condition Lynn Bone IA 2161079

YEAR: _____ 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.)
10/28/18				I certify this engine + Prop has been inspected in accordance of an ANNUAL inspection and determined to be in an Airworthy condition Lynn Bone IA 2161079
11/3/19				I certify this Engine + prop has been inspected in accordance of an ANNUAL inspection and determined to be in an Airworthy condition Lynn Bone IA 2161079

YEAR: 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.)
9/25/12				I certify This engine + Propeller Has been inspected in accordance of an ANNUAL Inspection and determined to be in an Airworthy condition Lynn Rose FA 2161079
9/27/12				I certify this engine + Propeller has been inspected in accordance of an ANNUAL inspection and determined to be in an airworthy condition Lynn Rose FA 2161079

YEAR: 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.)
9/23/12	5441.42			I certify This engine + propeller has been inspected in accordance of an ANNUAL Inspection + determined to be in an Airworthy condition Lynn Rose FA 2161079
9/25/12	5444			I certify this engine + Propeller has been inspected in accordance of an ANNUAL inspection and determined to be in an Airworthy condition Lynn Rose FA 2161079

YEAR:	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 EA	18D 23137	MO06		MAIN BEARINGS 8 EA 18M19388 MO06 ROD BRGS.
4 EA	RING SET ST 202-			235-C RINGS, 32 EA CYL NUTS SL 383-B,
1 EA	SL 61174 A			OIL PUMP SHAFT, (1) CAM 78531 OIL PUMP HOUSING (1) EASL 18109 AS
				OIL PUMP GEAR KIT, 4 EA SL 13790 A ROCKER SHAFTS, 4 EA STD 1791 CAM
				GEAR BOLTS, 16 EA SL 60009 VALVE KEEPERS, 8 EA SL 12892 THRUST BUTTONS
(1) EA	SL 61499-1			MAJOR OVERHAUL GASKET SET, 1 EA SL 61084 SPRING, 1 EA
1028	B-BALL,			4 EA STD 2180 OIL COSE, (1) EA STD 2213 CRANK GEAR BOLT,
8 EA	SL 11625			PISTON PIN PLUGS, 4 EA LW 13445 PISTON PIN, 8 EA SL 12186
				ROD NUTS, 8 EA SL 78097 ROD BOLTS, MAGS DISSASSEMBLED & INSPECTED
				CLEANED, GREASED BEARINGS REASSEMBLED + TIMED TO 250, OPEN CLEAN
				& INSPECT CARB, VERIFY (1) PIECE VENTURI - CHECK F/OUT LEVEL.
				ENGINE TO BE BROKE IN WITH MINERAL OIL.

Larry McCaul AYP 2148841

YEAR:	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.)
	9/26/11	5935	85 MOH	I certify This engine & Propeller
				Has been inspected in accordance
				of an ANNUAL inspection and
				Determined to be in an Airworthy Condition
				Signature Lynn Bone JA 2161679
	11-1-11	5439		Charged Oil Filter Aeroshell 100 plus
				Lynn Bone 2161679

YEAR: 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.)
5420 10308	5420			I certify this air Aircraft has been inspected in accordance of FAR Annual Inspection and determined to be in an Airworthy Condition Lynn Bone 2161079 IA

YEAR: 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.)
9-25-09				0.0 SMDH This engine MAJOR overhauled This date, CRANKSHAFT GROUND RODS & MAINS MOOB ALL SB G/W, LIFTERS REGROUND, RODS REPLACED WITH YELLOW TAG ROD PN 78030 (REBUSHED), LYCOMING CRANK GEAR REPLACED. \$ INSP Per SB 475C, CAMSHAFT REGROUND, AND ALL STEEL PARTS, MAGNA FLUXED, ALL OF THIS WORK DONE BY AIRCRAFT SPECIALITIES SERVICES. SEE YELLOW TAGS FOR ALL ABOVE. ALL CYLS CLEANED & INSPECTED, FOUND TO BE STANDARD. GROUND ALL VALVES, REPLACED (1) IN TAKE VALVE, GROUND SEATS. FLAPPED VALVES HONED CYLINDERS & FIT RINGS TO ORIGINAL PISTONS. THE FOLLOWING NEW PARTS WERE INSTALLED →

YEAR: 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.)
10-27-07	5419			I certify this Engine and Propeller Has been inspected in accordance of AN Annual Inspection and determined to be in an Airworthy condition Lynn Bone 2161079 IA
11-20-07	5419			Replaced muffler Changed oil Lynn Bone 2161079 IA

YEAR: 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.)
10-20-08	5426			Installed Oil Filter Adapter + O.I Filter As per STC SE01930NY 10-2-08 Lynn Bone 2161079 A-P Changed oil
10-3-08	5426			I certify this engine + propeller Has been inspected in accordance of an Annual Inspection and determined to be in an Airworthy condition Lynn Bone 2161079 IA

YEAR: 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.)
9/14/03	5381	557 smolt		I certify this engine has been inspected in accordance of an ANNUAL INSPECTION and determined to be in an Airworthy condition
10/23/04	5390.4	5396 smolt		<i>Lynn Bone FA 2161079</i> I certify this Engine has been inspected in accordance of an ANNUAL INSPECTION and determined to be in an Airworthy condition <i>Lynn Bone FA 2161079</i>

YEAR: 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.)
10/1	5400			I certify this Engine ^{Engine} has been inspected in accordance of an ANNUAL INSPECTION and determined to be in an Airworthy condition <i>Lynn Bone FA 2161079</i>
10-8-06			5411.00	I Certify This engine and propeller has been inspected in accordance of an ANNUAL inspection and determined to be in a Airworthy condition <i>Lynn Bone FA 2161079</i>

Engine Record General Information

Manufacturer Lycoming Model 0235 C1B

Serial ~~16944-15~~ L8214-15 Type Certificate 4588Z PA22-20 108

This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

KANE

ENGINE LOG

DATE

MEMORANDA

10/11/01

changed ~~o~~ Tach Time 5357.14 SMOH 364 Hrs.

changed oil - Acrosshell 100

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

10/11/01 Lynn Bone 2161079 FA

11/15/01

Replace Engine Conical mounts

P/N 1-982-000

6/15/02

changed oil Acrosshell 100 Tach Time 5368

10/3/02

Tach Time 5373 SMOH 380 Hrs

I certify this engine has been inspected in accordance
 of an annual inspection and determined to
 be in an airworthy condition

Lynn Bone 2161079 FA

ENG. SER.

PERIODIC INSPECTION RECORD

NC

DATE 19__	TOTAL TIME	COMPLIANCE CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
10/13/99		Tach Time 5317 SMOH 324 Hrs changed oil Aero shell 100 I certify this engine HAS been inspected in accordance of AN ANNUAL inspection and determined to be in an Airworthy condition	<i>Lynn B...</i>
		10/13/99 2161079 FA	
5/1/00		Tach Time 5327 SMOH 334 Hrs Changed plugs used Champion Spark plugs	<i>Lynn B...</i> 2161079 IA

ENG. SER.

PERIODIC INSPECTION RECORD

NC

DATE 2000	TOTAL TIME	COMPLIANCE CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
7/25/00	5332	Changed oil used Aero shell 100	<i>Lynn B...</i> A+P 2161079
10/13/00	5339	SMOH 346 Hrs I certify this engine HAS been inspected in accordance of AN ANNUAL inspection and determined to be in an Airworthy condition	<i>Lynn B...</i> 10/13/00 2161079 IA

ENG. SER.

AIRWORTHINESS DIRECTIVES

NC

DATE	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
1976			
	Tach Time		
12/13/96	5284.67	Changed Oil Aero shell PD	Lymbone ^{A/P} 2161079
4/6/97		Complied with AD 93-18-03 1 piece venturi	Lymbone ^{A/P} 2161079
4/6/97		Complied with AD 93-19-04 metal float in carburetor	Lymbone ^{A/P} 2161079
8/10/97	5286.1	Changed Oil	Lymbone ^{A/P} 2161079
10/14/97		Repacked main bearings with grease	Lymbone 2161079
10/14/97		Repacked arm at #10 pinion	Lymbone 2161079
10/14/97		I certify this engine has been	
Tach Time		INSPECTED IN ACCORDANCE OF AN	
5291.9		ANNUAL INSPECTION AND DETERMINED	
		TO BE IN AN AIRWORTHY CONDITION	
		10/14/97 Lymbone 2161079 IA	

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AIRWORTHINESS DIRECTIVES

NC

DATE	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
1997			
5303.5	10/2/98	Changed oil Aero shell PD	Lymbone 2161079 IA
	10/4/98	Tach time 5303.5	
		I certify this engine has been	
		INSPECTED IN ACCORDANCE OF AN ANNUAL	
		INSPECTION AND DETERMINED TO BE IN	
		AN AIRWORTHY CONDITION	
		Lymbone 2161079 IA	
		#1 $\frac{28}{40}$ #2 $\frac{28}{50}$ #3 $\frac{28}{50}$ #4 $\frac{28}{50}$	
2/3/99		Replaced starter with	
		Sky-Tec starter model 122-1265	
		Lymbone	
		A/P 2161079 IA	

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NC

DATE 1989	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
10/28				Tack Time 5241.42 Total Time Engine 2308 SMOH 258.42 2308	
				Inspected in accordance with AN ANNUAL INSPECTION	
				I certify this engine has been inspected in accordance with AN ANNUAL inspection and determined to be in an airworthy condition	
				Lynn E Bone A-P 2161079 IA	
				Compression #1 77/80 #2 78/80 #3 78/80 #4 78/80 Cleaned + gapped plugs	

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
9/15/89	TT5231. Changed Oil Aero Shell 15-50
10/22/94	TT5258 Changed oil Aero Shell
11/1/94	TT 5259.24 SMOH 276.66 I certify this engine has been inspected in accordance of AN ANNUAL inspection and determined to be in an airworthy condition Lynn E Bone 2161079 IA

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1987	5163.96		164.00 SMOH 32		
10-3-87				Inspected engine in accordance with 100 hr. inspections determined to be in an Airworthy condition	<i>Lynn S. Bone</i> A+P 2161079
				Compression #1 $\frac{26}{50}$ #3 $\frac{26}{50}$ #2 $\frac{24}{50}$ #4 $\frac{24}{50}$	
				Complied with A.D. 68-5-1 Paragraph F+G	

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
10/15/88	Tack Time 5208.87 Engine T.T. 2465.97 SMOH 215.87 Inspected engine in accordance with 100 Hr. inspection determined engine to be in Airworthy condition Compression #1 $\frac{28}{80}$ #2 $\frac{28}{80}$ #3 $\frac{28}{80}$ #4 $\frac{28}{80}$ Lynn S. Bone A+P 2161079 Complied with A.D. 68-5-1 Para F+G replaced #4 intake manifold gasket (226887)
10-15-88	Tack 5208.87 Eng TT 5208.87 SMOH 215.87 I Certify this engine has been inspected in accordance with an Annual inspection and determined to be in an airworthy condition <i>M. J. ...</i> A P 14739191A

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
4-5-86	5095.33			Adjusted Valve clearances 100 Hrs.	<i>Lyn & Bone</i> A+P 2161079
4-17-86	5100.19				
4-19-86	5100.19			Changed oil + bleed brakes	<i>Lyn & Bone</i> A+P 2161079
8-20-86	5132			Changed oil	<i>Lyn & Bone</i> A+P 2161079
6-6-87	5160				
6/6/87	5160			changed oil	<i>Lyn & Bone</i> A+P 2161079
2/5/88	5180			changed oil Aero Shell 15W50	<i>Lyn & Bone</i> A+P 2161079
9/12/88	5205			changed oil checked screen no evidence of metal	<i>Lyn & Bone</i> A+P 2161079
				Aero Shell 15W50	

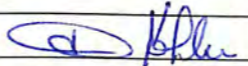
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ENGINE LOG

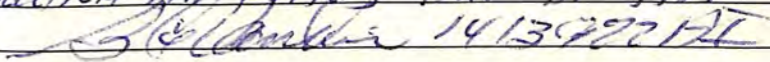
DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
1986	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
8-20-86	<p>Tack Time 5132 Total Time engine 2199 Time smoh 132 Hrs.</p> <p>Inspected engine in accordance with an 100hr inspection</p> <p>Compression check #1 $\frac{29}{80}$ #2 $\frac{30}{80}$ #3 $\frac{29}{80}$ #4 $\frac{29}{80}$</p> <p><i>Lyn & Bone</i> A+P 2161079</p>
9/20/86	<p>I certify that this HC ^{AC} has been inspected in accordance with an ^{AC} inspection and was determined to be in an airworthy condition.</p> <p><i>J. H. Maddox</i> J/A 82669</p>

ENG. SER.

NC

DATE 1985	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
	4-22-85			INSTALLED STC SE 2035CE USE OF UNLEADED AUTO GASOLINE 87 ANTIKNOK INDEX & LEADED AUTO GASOLINE 88 ANTIKNOK INDEX (MINIMUM) INTERMIXING WITH AVGAS IS APPROVED SEE 337 THIS DATE.	 IA 1800893
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE 1985	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
8-27-85	TACH TIME 5068:50 75 Hr. S.M.O.H. DRAINED OIL CHECKED SCREENS FOR CONTAMINANTS (NONE FOUND), CLEANED ALL FUEL SCREENS REMOVED PLUGS CLEANED (CMPD), CHECKED VALVE TIMING DIS CHECK AS FOLLOWS #1 75/80 #2 74/80 #3 75/80 #4 76/80 CHECKED ALL ENGINE CONTROLS FOR TRIM, LUB AS NEEDED I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND WAS FOUND TO BE IN A AIRWORTHY CONDITION APP 499322074 Howard William AD. 842602 INDUCTION AIR FILTERS DUE AT 5525  14139221A

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE

1984

6/16/84

Overhauled engine AS per Lycoming Specs

crank shaft reground + nitrided .003, rod bearings .003

Camshaft reground To original specs. Cylinders standard

Replaced oil pump gears AS per AD

Replaced Accessory case

TACH Time At Overhaul 4993 Total Time engine SMOH 2050 hrs. of overhaul

First Run out on engine since manufacture

ground ~~run~~ engine approx 2 Hrs. oil pressure oil temp checks ok

no oil consumption

Lynn E Bone ATP 2161079
6/16/84

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

I certify that this aircraft has been inspected in
accordance with a 100 Hour
and was determined to be in an airworthy condition.

Tach. Reads: 4717 Date 5-13-20

Total Time: 1775

Total SMOH: 1725

See maint. sheet No. for work done. Date 5-13-20

D. M. T. A. # 1727678A/P

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

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

Tach. Reads: 4620 Date 3-18-70

ENG Total Time: 1678

Total SMOH: 1678

See maint. sheet No. for work done.

Hugh J. Benz IA 1496912

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

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

Tach. Reads: 4512 Date 1-12-70

Total Time: 1570

Total SMOH: 1570

See maint. sheet No. for work done. 45

Hugh J. Benz

A8 P 1496912

ENGINE LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
10/23/69	Changed engine oil, cleaned screen, cleaned spark plugs
Tach. reads 4392.18	R. Sears ATP 17H2057
10/27/69	Dismantle Muffler TACH TIME 4406: C/W 68-5-1 Muffler T/P. 1109 From A/C 58572 Cold Dm T.A. 1767278P
12/14/69	Dismantle Pump. S/N 42728 Dm. A- ³ / ₅ 1767278P

ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

I certify that this aircraft has been inspected in
accordance with a 100 Hour Inspection
and was determined to be in an airworthy condition.

Tach. Hours: 4305 Date: 9-19-69

Total Time: 1368

Total SMOH: 1363 68501 Hour 366

See maint. sheet No. for work done. 44

D. T. Aug 1767 2780

~~X~~

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE
19__

I certify that this aircraft has been inspected in
accordance with a Lee Ham
and was determined to be in an airworthy condition.

Tach. Reads: 4205 Date _____

Total Time: 1263

Total SMOH: 1263 C/M 68-5-1 (2 lb 14 oz)

See maint. sheet No. for work done. 43

Lee Ham m7. Aug 17 67 2280

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

I certify that this aircraft has been inspected in
accordance with a 100 Hour
and was determined to be in an airworthy condition.

Tach. Reads: 4117 Date 5-30-69

Total Time: 1175

Total SMOH: 1175 c/w 68-5-1 (170 ^{since} NEW)

See maint. sheet No. for work done. 42
Doni-Auty 1767278P

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

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

Tach. Reads: 3939 Date 3-6-69

Total Time: 997

Total SMOH: 997

See maint. sheet No. for work done. 40

SR Blatnik reg 1A97102-41

~~I certify that this aircraft has been inspected in accordance with a 100 Hour and was determined to be in an airworthy condition.~~

~~Tach. Reads: 4025 Date 4-18-69~~

~~Total Time: 1083~~

~~Total SMOH: 1083~~

~~See maint. sheet No. for work done.~~

41 Edm. Ant



1767278

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE
19__

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

Tach. Reads: 3861 Date 12-19-68

Total Time: 919

Total SMOH: 919 C/W 68-5-1

See maint. sheet No. for work done, C.V. Sutton A9P1779963.

Total Time: 3939 DATE 2-19-69

Total Time: 997 Install New Muffler C/W 68-5-1

Total SMOH: 997

See maint. sheet No. for work done. Don T. Aug 1767278P

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
 WITH NAME, RATING AND CERTIFICATE NUMBER

DATE
 19__

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

Tach. Reads: 584:62 Date 4-1-68

Total Time: ~~2405~~ 2405

Total SMOH: 852 C/W 68-5-1

See maint. sheet No. for work done. 26

Ernest R Blatchley AWP 97107-41

Install Engine L-8214-15 in Aircraft N44588Z
S/N 22-8097 Pump S/N 37538

Tach. Reads: 3846 Date 12-7-68

Clean spark-

Total Time: 904

Clean oil screen

Total SMOH: 904

Run on Ground 1:00

See maint. sheet No. for work done.

Don T. A. J.

1767278P

ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

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

Tach. Reads: 555:31 Date 3/4/68

Total Time: 2376 C/W 68-5-1

Total SMOH: 823 Don J. A. J. 1767278P

See maint. sheet No. for work done. II 25

ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

I certify that this aircraft has been inspected in
accordance with a ANNUAL INSPECTION
and was determined to be in an airworthy condition.

Tach. Reads: 461:77 Date 2-6-68

ER Blatchley

Total Time: 2283 C/W 68-54

1A97102-011

Total SMOH: ~~730~~ 730

See maint. sheet No. for work done. # 24

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				<p>DATE <u>11/1/67</u></p> <p>EQUIPPED WITH</p> <p>CHAMPION</p> <p>SPARK PLUGS</p> <p>TACH <u>264:65</u></p> <p>INSTALLED <u> </u> ENGINE HOURS</p> <p>PLUG TYPE <u>EM 42E</u></p>	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	<p>I certify that this aircraft has been inspected in accordance with a <u>100 HOUR INSPECTION</u> and was determined to be in an airworthy condition.</p> <p>Tach. Reads: <u>264:65</u> Date <u>11/2/67</u></p> <p>Total Time: <u>2087</u></p> <p>Total SMOH: <u>534</u></p> <p>See maint. sheet No. for work done. <u>22</u></p> <p><u> </u> m T. Aug 1767278P</p>
	<p>I certify that this aircraft has been inspected in accordance with a <u>100 Hour Inspection</u> and was determined to be in an airworthy condition.</p> <p>Tach. Reads: <u>353:62</u> Date <u>12-2-67</u></p> <p>Total Time: <u>2175</u></p> <p>Total SMOH: <u>622</u></p> <p>See maint. sheet No. for work done. <u>23</u></p> <p><u> </u> m T. Aug 1767278P</p>

ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

I certify that this aircraft has been inspected in
accordance with a 100 Hour Inspection
and was determined to be in an airworthy condition.

Tach. Reads: 134 Date 9-13-67

Total Time: 1957

Total SMOH: 404

See maint. sheet No. for work done. 21

D. T. Anthony 1767228 P

ENG. SER.

NC

DATE 1967	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
4-19	15-53				
5-22	18-45				

REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. No further run-in after installation is required. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

Model 0-235-C1B Serial No. L-8214-15

Date Shipped February 27, 19 67

Authorized representative Jim Neim
AVCO Lycoming Factory Service Department

Form No. 776-C



LYCOMING DIVISION - WILLIAMSPORT, PA. 17701

FORWARD
TOP OF I

ENGINE LOG

DATE
1967

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

4-19 Engine installed in Piper PA22-108 N5662Z
100 hour inspection - engine compartment, engine operation
satisfactory, static RPM satisfactory. SR Blading HOP97102

5-22 100 hour inspection, engine airworthy. SR Blading HOP97102

7-7 100 hour inspection (see next page)

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER.

L-8214-15

ENGINE LOG

NG ~~5662Z~~

4588Z

DESCRIPTION

ENGINE MFG.

Lycoming

MOD.

O-235-C18 SER. L-8214-15

RPM

BPH

MANIFOLD PRESS.

NORMAL

NORMAL

NORMAL

MAX.

MAX.

MAX.

OIL

FUEL

IGNITION

CAP. GALLONS

OCTANE MIN.

MAGNETO TIME

GRADE SUMMER

OCTANE MAX.

MAG. POINT GAP

GRADE WINTER

OCTANE REC'D

SPARK PLUG GAP

FIRING ORDER

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