

ENGINE LOG 3

2025 +

The Standard

ENGINE LOG

AGA-CE-1

The subject aircraft was involved in an incident /
accident on 2/13/2026 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 1334511048US.

Signed: *Underwriters Salvage Company*

Date: **3/10/2026**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

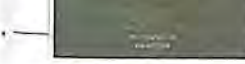
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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	N1491A	ACTT: _____	5/15/2025	
	Engine SN 1494-21	Tach: 3058.6		

Discrepancy: Oil Change. Corrective Action: Drained engine oil and serviced with 6qts PhilipsXC 20W50 and 1 pint camguard. Removed and cut open filter. No defects noted. Installed new filter. Checked and adjusted valve lash per SI1068A to .010". Reinstalled valve covers and torqued screws to 30inlbs. Adjusted throttle idle stop. Work done IAW Lycoming Operator Manual Document 60297-9, 5th edition.

Work Performed By: Josh O'Connor AP36138111A 

YEAR 20 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
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	N1491A	ACTT: 3099.1	12/23/2025	
	Engine SN 1494-21	SMOH: 1494 543.2		

Discrepancy: Aircraft annual due. Corrective Action: Completed annual/100hr inspection IAW the PA20 Owners' manual and the Lycoming O290 Operator's manual 60297-9, 5th edition. Compression check done and numbers are as follows: 1) 75 2) 76 3) 72 4) 61. Checked timing. Cleaned, gapped, and rotated spark plugs. Drained oil and serviced with 7qts PhillipsXC 20W50, camguard, and a new filter. Cut open and inspected filter. No defects noted. Sent off oil sample. Ran engine and leak check was satisfactory. All AD's complied with through current cycle. I certify this engine has been inspected in accordance with an annual/100hr inspection and found to be airworthy.

Work Performed By: Josh O'Connor AP36138111A 

Rudder AD DVF
MARCH 20 2030
AMOC RUDDER OPTION

ENGINE LOG 2

T. PALLEN

ENGINE LOG

1965-2008/23/25

1965-2008/23/24/25

ENGINE LOG

YEAR
MO.



36 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE 406-388-1351 FAX 406-388-7417

SIGNATURE

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SMOH
09 SEP 06	N974A	0290-D	1494-21	352.0	295.9

Inspection completed this date. Checked compression and cleaned plugs. Checked mag timing. Changed oil and checked oil screen. Checked generator and starter. Replaced exhaust gaskets #1 and 2 cylinders. Replaced drainback tubes #1 and 3 cylinders. Replaced intake hose on #1 and 3 cylinders. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

Arlin C. Wass
Arlin C. Wass A&P 1340061

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR
MO. D



36 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE 406-388-1351 FAX 406-388-7417

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	STACOH
04 FEB 08	N974A	0290-D	1494-21	362.0	309.5

Inspection completed this date. Checked compression. Installed new plugs. Checked mag timing. Changed oil and filter. Checked mag timing. Changed oil and checked screen. Pressure checked exhaust system to C/W AD 68-05-01R1. File and painted propeller. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

Arlin C. Wass
Arlin C. Wass A&P 1340061

N1491A Lycoming O-290-D SN 1494-21

8/4/23 Tach reads 2906 hrs Engine TT 2767.7 SMOH 350.1 4-12-95

Engine was installed on N1491A IAW Piper PA-20 and Lycoming O-290 Maintenance manuals. Used all new Intake rubbers and gaskets, Exhaust gaskets, Carb gasket, Mag gasket. Used 20W50 XC oil and Tempest Filter AA48108-2. *Customer informed Annual inspection was needed*

A&P: 4021109


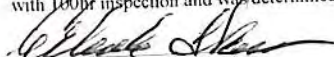
Conor Spill

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
1	MAY 04	TACH TIME	279.86 HRS		CHECKED: COMPRESSION, TUNING, OIL SCREEN, MOUNTS, CONTROLS, GENERATOR, STARTER; CLEANED & GAPPED PLUGS, FILED & PAINTED PROP, PRESSURE TESTED EXH SYSTEM TO CW AD 68-05-01, INSTALLED NEW AIR FILTER PER BRACKET I-194	
		TSMQH.	223.76 HRS			
					I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
				CHANGED OIL PHILLIPS X/C		

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>					
MO.	DAY						
		 <small>30 GALLATIN FIELD BELGRADE, MT (KB7N) PHONE: 406-389-1351 FAX: 406-388-7417</small>					
		DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SMOH
		9AUG05	N974A	0290-D	1494-21	309.6	253.5
		Inspection completed this date. Checked compression. cleaned plugs. Checked mag timing. Changed oil 50WT non detergent. Checked generator and starter. Pressure checked exhaust system. Checked controls. Removed #4 cylinder ground seats and valves. Installed new rings. Honed cylinder. Reinstalled cylinder with new seals and gaskets. Washed and ran engine. I certify that this engine has been inspected in accordance with 100hr inspection and was determined to be in an airworthy inspection.					
		 Arlin C. Wass IA 1340061					

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
18	Sept				Inspection completed this date.	
		TAC 197.8			Checked compression. Cleaned plugs	
		Smart 141.7			cleaning timing. changed oil & CR	
					oil screen. Pressure CR by ARLS T	
					system. Washed & ran engine.	
					I certify that this engine has	
					been inspected in accordance	
					with a 100 hr inspection & was	
					determined to be in an airworthy	
					condition.	
					C. C. [Signature]	
					AP 1340061	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>	
MO.	DAY		
4	APR 03		Inspection completed this date. Checked
		TAC 252.0	compression, cleaned plugs, CR MAG timing
		SMON 195.9	checked oil screen. Pressure checked by
			system. CR low & started. Checked cowls
			washed & ran engine. I certify that this
			engine has been inspected in accordance
			with a 100 hr inspection & was determined
			to be in an airworthy condition.
			C. C. [Signature] AP 1340061

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
8	26				Inspection completed this date. Checked compression, cleaned plugs, checked mag timing, changed oil & oil screen pressure. Checked exhaust system. Replaced generator. Replaced crankshaft plug. Filed & painted prop. Washed & ran engine. Identify that this engine has been inspected in accordance with A 100HR inspection & was determined to be in an airworthy condition. See log book App 1342061	
		137.9				
		81.8 HL				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS				
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
8	27	Removed #4 cyl ground 10 Take & by valves & belts. Reinstalled cyl with new seals & gaskets. Installed new heater seat tubing. The 142.0 Clerk & Clerk App 1342061				
1	20	Inspection completed this date. Checked compression, cleaned plugs, checked mag timing pressure. Checked exhaust system. Checked generator. Washed & ran engine. Identify that this engine has been inspected in accordance with A 100HR inspection & was determined to be in an airworthy condition. The 179.9 SMOH 128.8 HL Clerk & Clerk App 1342061				

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
4	16	96	Tach leads	0071.02	100 Hr inspection performed. Compression ch #1 $1\frac{1}{4}$ #2 $2\frac{7}{8}$ #3 $3\frac{7}{8}$ #4 $4\frac{7}{8}$ check magnetism to 25° BTDC clean spark plugs gap retol top to bottom. Oil change not done. check engine controls for full travel and free. Engines run up normal.	
TTSON		I certify that this aircraft has been inspected in accordance with a 100 Hr inspection and was determined to be in airworthy condition.				
014.92		Total Time 243.102 Date of Insp. 4-16-96				
		Mechanic Sign. <i>Richard Henry</i>				
		A or A&E # 555-34-2624				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>
MO.	DAY	
17	June	97 Inspection completed this date. Bleed compression, bleed plugs. Replaced low belt, & adjust bolts. Replaced cjs oil seal. Overhaul starter, installed one piece Venturi to c/w AD 93-18-03. Pressure on to adjust system. Installed stick mag right mag 217 hr left mag 950 hr. Installed stick harness. WAS A&E + RAN engine. I certify that this engine has been inspected in accordance with a 100 hr inspection & was determined to be in airworthy condition TAC 100.0 hr JMOA 43.9 hr. Club Man AT5134061

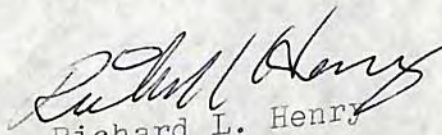
4-12-95

Lycoming O-290-D
S/N 1494-21

Tack reads 056.1

Remove engine from airframe disassemble, clean and measure all components for overhaul. All metal parts magnefluxed for cracks. Case halves nondestruct tested for cracks all testing performed by Kachins Testing Laboratories W/O number 224656. Reassemble with new gaskets overhaul kit number 69371 and seal set. 4 each std 1196 +std 2180 Hose 4 each sludge tube. std 1211 crankshaft plug, main and rod bearing set standard (fix Pitch Propeller) 8 each 60810 and 61662 and ring set standard steel cylinders 4 each 62916, 62915 and 68338 (set of 4) 66429 intake valve (set of 4) 66531 exhaust valve guide 60028 and 60028P005 guide and 66529 guides. Set of rod bolts and nuts 8 Each 60007 std 872 + std 543. All work performed in accordance with Lycoming overhaul manual and current F.A.A. 43.13 repair procedures.

Install new float kit number 666-915 in carburetor per facet installation sheet. Install engine in airframe with new engine mounts bushings P/N 1982000 Test run engine in accordance with Lycoming repair manual. All systems operating normal. return to service.


Richard L. Henry

A&P 558-34-2625

OVERHAUL

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
8	2	74			Install prop and tangon to 300 in Lt. Wm. P. Burke AF 1541984	
DATE <u>4-6-77</u>		TACH <u>2360</u>	HRS.			
<p>Certify that this <u>Engine</u> Has been inspected in accordance with Annual inspection and determined to be in airworthy condition condition.</p>						
Total Time Aircraft		<u>2360</u>	Hrs.			
Total Time Engine		<u>2360</u>	Hrs.	<u>1391.05</u>	<u>M0</u>	
Time Last 12 months		<u>69</u>	Hrs.		<u>1389.</u>	
<p><u>Wm. P. Burke</u> <u>AF 1541984</u></p>						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY		
<small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>			
Sept	27, 89	Tach Reads 0001.5 100 Hr inspection performed. Compression OK #1 ⁸⁰ / ₇₆ #2 ⁸⁰ / ₇₈ check mag timing to 25° BT C #3 ⁸⁰ / ₇₃ #3 ⁸⁰ / ₇₅ Oil changed Service with 8 qt Pennsylv 100. Plugs cleaned and gapped, install new coils in both magnets. Engine Run up Normal.	
<p>I certify that this aircraft has been inspected in accordance with a <u>100 Hr</u> inspection and was determined to be in airworthy condition.</p>			
TSMO H		Date of Insp. <u>9-22-89</u>	
1392.5		Total Time <u>2361.5</u>	
Mechanic Sign <u>Wm. P. Burke</u>			
IA or A & E # <u>558-34-2625</u>			

ENGINE LOG

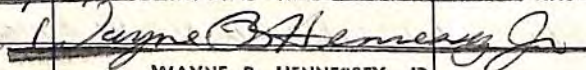
YEAR 1972		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
2	4	2131.7			100hr inspection of work This date cond check ok. Timed MAGs cleaned & gaped Plugs, inspected & cleaned oil & Air screens, installed new FRONT MAIN seals & oil cooler seals	<i>R. Shull</i> AIP 1774370
PLACE, Fallon, Nevada		TACH' 2131		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION SIGNED, <i>MN Gustan</i> AIP # 14252 I.A. 2-5-72		

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

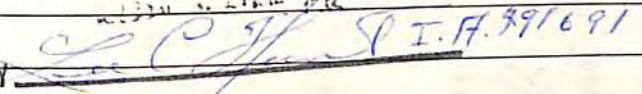
YEAR 72		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
7	8	changed oil, inspected & cleaned oil screen (RPM 50 overcomp) @ <i>R. Shull</i> AIP 1774370 Date <u>2/15/73</u> I certify that this <u>ENGINE</u> has been in- spected in accordance with a <u>ANNUAL</u> inspection, and was determined to be in air- worthy condition. <i>R. Shull</i> A.I. 1774370 Total Time <u>2190</u> Tach. Time <u>2190</u>

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
					Replaced Spark plugs, Gen. Brush, Service Shimmy Damper.	
					I CERTIFY THAT THIS ENGINE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
					DATED <u>5/18/69</u> TOTAL TIME <u>1960.8</u> HRS	
					 WAYNE B. HENNESSEY, JR. A & P 1554735 AT	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR <u>70</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>	
MO.	DAY		
70			TOTAL TIME 2050
<u>8</u>	<u>12</u>		100 hr inspection c/w on this DATE compression check, etc., cleaned & gaped Plugs inspected & cleaned oil & Air screens, check STARTER & GEN, changed oil (RPM 50 NON-COMP)
			8-12-70 Total time <u>R. Hinkle AHP 1274370</u>
			I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.
			BY <u></u> I. H. 391691

ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
7	6	Tach	1859			
					100hr. Check For annual. Clean & Rezap Plugs, Drain oil oil check screens, inspect Muffler & Stacks. Re Finish Prop. New Diaphragm in Brake Cylinder. I certify This Engine has been given a 100 hr inspection & Found To be Airworthy. Leo B. Prewerton FAA P 1401316	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
		Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
MO.	DAY		
4	24	TACH TIME 1894. - HRS. 100HR INSP. FOR ANNUAL CHANGED OIL & CLEANED OIL SCREEN. & COMPRESSION & BORE CLEANED & TAPPED SPARK PLUGS INSTALLED ONE NEW SBS PLUG INSTALLED NEW ENGINE MOUNT BUSHINGS	
		HAD CARB. OVERHAULED BY SAC. SKY RANCH.	
		INSTALLED NEW MUFFLER PART # 6549-00	
		NEW AIR MAZE INSTALLED	I certify that this ENGINE has been
		NEW EY. GASKETS & INTAKE SYSTEM WASHED ENGINE & COOL. & MAGS & TIMING.	inspected in accordance with 100HR
		CLEANED POINTS ON GEN. REG.	Inspection & was determined to be in
			airworthy condition <i>Harry R. Young</i>
			SHASTA FLIGHT SERVICE Harry R. Young
			Redding, California A&P 1500251 IA

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
		Date <u>6-8-66</u>
		I certify that this Aircraft has been inspected in accordance with
		a <u>Periodic</u> inspection and was determined to be
		in Airworthy condition. Applicable A.D. notes through <u>66-13</u>
		complied with. Total time (or Tach Reading) <u>1801</u>
		Signed <u>G. Steubahn</u> A & P # <u>54435-41-FA</u>
		<u>AD Note 66-5-4 Installed retract</u>
		<u>needle & seat carb Has Plastic float</u>
		<u>Stamped # 64 on carb.</u>

ENGINE LOG

YEAR <u>65</u>		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY			<u>1767</u>		
<u>5</u>	<u>7</u>	<u>1767</u>				
<u>11</u>	<u>29</u>	<u>1179,9</u>			<u>Replaced Ignition cable & rotor cylinder</u>	<u>check plugs</u>

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.</small>
MO.	DAY	
		Date <u>5-7-65</u>
		I certify that this Aircraft has been inspected in accordance with
		a <u>Periodic</u> inspection and was determined to be
		in Airworthy condition. Applicable A.D. notes through <u>65-9</u>
		complied with. Total time (or Tach Reading) <u>1767</u>
		Signed <u>A. Steinbock</u> A & P # <u>54425-41-FA</u>
		<u>changed oil, checked all screws, checked</u>
		<u>nose seal for leak</u>
		<u>AD note 64-27-2 Complied with</u>
		<u>Removed 4 cylinders & installed new push rod seals</u>

ENGINE DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER Lycoming MODEL O-290-D SERIAL NO. 1494-21

DISPLACEMENT _____ OIL PRESSURE _____ OIL TEMP. MAX. _____

WEIGHT _____ RATED H. P. 125 AT _____ R.P.M. 2600

OIL GRADE: SUMMER 50W WINTER 40W OIL CAPACITY 8qt

FUEL MINIMUM OCTANE 80/87 FIRING ORDER _____

MAGNETO TIMING _____ MAGNETO POINT SETTING _____

SPARK PLUG GAP _____

ENGI

ENGINE LOG 1



1977A
J-1080

PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

Engine Serial

NC

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Jan								8.1	hrs
Feb								11.5	
Mar								18.4	
Apr									
May		May 30	Change Oil	Change Fuses				31.5	
June								30.7	
July								44.2	
Aug			Change Oil	Aug 1				22.1	
Sept								16.8	
Oct			Change Oil	Oct 11				16.5	
Nov								8	
Dec			None						
TOTAL TIME								190	06

ENGINE LOG

REMARKS	SIGNATURE
Date <u>7-31-64</u>	
I certify that this Aircraft has been inspected in accordance with	
a <u>100</u> inspection and was determined to be	
in Airworthy condition. Applicable A.D. notes through <u>64-16</u>	
complied with. Total time (or Tach Reading) <u>1712</u>	
Signed <u>A. J. Stenbock</u> A & P # <u>54425-41</u>	
Installed 4 new Champion Plugs	
Installed nose seal. Changed Oil	
checked all strainers, checked	
magnet carb.	

ENGINE LOG

REMARKS

SIGNATURE

Date 12-6-63

I certify that this Aircraft has been inspected in accordance with

a Periodic inspection and was determined to bein Airworthy condition. Applicable A.D. notes through 63-24complied with. Total time (or Tach Reading) 1552Signed G. Steinbock A & P # 34425-41-1A

Changed oil
Installed 4 new plugs
Overhauled right mag. new
points, new seal
Curb sent to Factory for complete
Overhaul.

ENGINE LOG

REMARKS

SIGNATURE

Date

8-9-63

I certify that this Aircraft has been inspected in accordance with

a 100 inspection and was determined to be

in Airworthy condition. Applicable A.D. notes through _____

complied with. Total time (or Tach Reading) 1440Signed G. J. Steinbock A & P # 54425-41Changed Oil.

ENGINE LOG

REMARKS

SIGNATURE

(A.D. 60-26-2 Scintilla magneto Dist. Gear Lube. C/W) *P. Oubari*

Checked valve clearances + checked it to be .010 cold on O-290D engine stopped oil leak washed engine + ran. cleared prop from nuts + safetied prop with .041 stainless wire repaired spinner + spinner bracket cleaned sediment ball + safetied removed spark plugs cleaned + regapped checked compression as follows Stop drilled

Cyl # 1 = 110#	Cyl # 3 = 105#	Cyl # 4 = 110#	}	cracks on cooling
				everything on this

engine appeared to be in good shape this date, November 5, 1961 Tach reading 12.55:1
SEE LAST PAGE OF THIS BOOK for Bulletin
Complied with up to this date.

BONANZA AERO SERVICE BONANZA AERO SERVICE

LAKEVIEW MUNICIPAL AIRPORT

LAKEVIEW, OREGON

Phone Shop WH 7-8242, Home WH 7-3313

A. A. OUBARI

A&P 1465780

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

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Apr					10	77.4	10	97.4	20	00
Oct					10	97.4	11	16.1	21	13
Nov					11	16.1	11	22.5	22	37
Dec					11	22.5	11	32.8	23	59
Jan	61				11	32.8	11	46.6	23	79
Feb					11	46.6	11	56.4	23	43
Mar					11	56.4	12	0.5	24	57
Apr					11	59.5	12	08.2	24	05
May					11	59.5	12	18.5	24	14
Jun					11	59.5	12	24.9	24	22
Jul					11	47.1	12	34.9	24	31
Aug					12	34.9	12	44.1	25	19
Sept					12	34.9	12	54.1	25	28
Oct					12	44.1	13	04.1	26	48
TOTAL TIME							137	04		

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
November 5, 1961 Tach. time 1255:1 Drained oil checked screen, rechecked ^{rechecked} recoiled with 87# #30 weight cleaned carb air intake screen changed timing to 25° as specified in engine manual this engine is a 029010 and timing should be 25° instead of 18° checked mag + points generator, starter, heat muff checked the exhaust manifold gaskets replace oil breather hose, replaced (pipes) gas hose from fuel & sediment bowl to carb checked carburetor screen complied with carb. bulletin Mercedeschaller # 12-60 cotter pin bulletin. Carburetor screen ^{was} had was attached with 1/4 belt in which the head of the bolt rubbed on mount assembly member adjacent to the air screen required welding a sleeve as per Am. CAM 18 method. replaced exhaust gaskets changed top engine mount ^{leads} next page	1/20/61 JI 102

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

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
59						946	54		
Aug	-					23	12		
Sept						2	-		
<p>12-25-59 ENGINE MAJOR OVERHAUL, NEW RINGS, CAM FOLLOWERS, MAIN & CONROD BEARINGS, EXHAUST VALVES, VALVE SPRINGS, Polgar & Engineering Co. H/ 544 869 A J Stambach H/ 954425 - IA</p>									
Dec	25-59			962.1		969.9			7.8
Jan	60			964.9		983.3			13.4
Feb	60	oil change		983.3		993.2			9.9
May	60			993.2		995.5			2.3
Apr	60			995.5		1006.9			11.4
May	60	oil change		1006.9		1024.6			17.7
June	60			1024.6		1039.7			15.1
TOTAL TIME									

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ENGINE LOG

REMARKS

SIGNATURE

6-16-59 25 hr insp oil changed plugs cleaned
replaced 1 intake gasket - Wayne F. Rainier
Tach reads 901.8 at P 1129481

7-13-59 oil changed 25 hr insp.
Wayne F. Rainier
at P 1129481

ENGINE LOG

REMARKS

SIGNATURE

4-21-59 100 Hr. insp. completed this date.
 Changed oil. Cleaned oil screen. Removed & checked
 oil pressure Regulator. Washed down engine. installed
 8 NEW C27S spark plugs. installed NEW oil seals.
 points & condensers in both MAGS. Retimed Engine.
 installed NEW motor mount cones. checked Exhaust
 system. It is certified that this engine has been
 thoroughly insp. AS Required by A.R. & Found to be
 Airworthy

All AD Notes thru 59-7-5 C/w
 Recording TACK time 855:2

M.P. Stein
 Q&P 1246347

4-21-59. Engine given periodic inspection and found
 to be airworthy Time 855:2

Phily Abbrant
 ME 11914

ENGINE LOG

REMARKS

SIGNATURE

9-4-58 - OIL CHANGED - SCREEN WAS
CLEANED - 8 QTS OF AEROSHELL 40#
ADDED - TOTAL TACH TIME READS 831.4
Charlie J. Angel AEP1272051

ENGINE LOG

5-3-58

REMARKS

SIGNATURE

Tack. Reading 778 hrs.

Periodic Insp. completed this date, remove & clean spark plugs. Check valves. Check exhaust stack & muff system, clean air filter. Check all lines & fittings and accessories for wear or looseness.

J. T. Gibson
A.P. 1261234

Arthur C. Yoachum
© 1164828

ENGINE LOG

5-16-57

REMARKS

SIGNATURE

Jack. Webb 7:30 hrs.

Periodic Inspection - Insured spark
 plugs, checked mag & points. Drained
 fuel sumps & fuel bowl, fuel screen in carb
 were cleaned, Engine oil drained, screen
 cleaned, 8 qt Aero Shell 50 wt added. Checked
 all nuts, bolts, clamps etc for tightness. Exhaust
 manifold checked for leaks. Heater muff
 removed and checked. Carb air filter removed
 cleaned & replaced. All engine controls checked
 for operation. Compression feels good.

Check J. Ungard
 A/P 1572054

Insp. Complete this date.

Jay M. Anderson
 A/P 349235

With Meck.

ENGINE LOG

REMARKS

SIGNATURE

12-19-56 - Removed carb best carb. removed
+ new needle + seat installed, ~~car~~ float level
checked, reinstalled and run up. OK.
Gack reads 720 hrs.

Jay M. Anderson
NAP 349235

ENGINE LOG

REMARKS

SIGNATURE

5-20-54. 100 hr. inspection for Relicense completed this date. Hour meter 493 hrs. Changed oil. Cleaned screen. Cleaned Air screen & gas bowl. Replaced one intake hose. installed new primer line between primer & gas bowl. Checked plugs & MAGS. Repaired & Replaced baffling. checked Brake fluid. inspected Muff. Checked controls. Neil Bowman Lic. 782303

Engine Serial

NC

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year								
Mo.	Day	Ground	Air						
8-17-53		Total time on log						380	00
9-27-53		Total time on log						398	04
		TOTAL TIME							

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ENGINE LOG

REMARKS	SIGNATURE
8-17-53 25 hr Check. Change engine oil, Check air cleaner Tune up throttle friction and cruise stop. Train cont fawl; Chk E. Stinson A+E 1082420	
9-27-53 100 hr. Check, cleaned plugs, changed oil. Amshell 5-40; cleaned screen. Chk magnets. Air screen. Checked & cleaned water traps, cont. checked all snuffs & fittings on Engine for tightness. This engine has been checked and found to be Airworthy - see AEA Form 319. This date. Pat Gibson A+E 1261234	

NOTICE:—

Engine Serial

NC

ENGINE LOG

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year ... Mo. Day		Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
8-20-52		Time on Taclog						221	00 hrs.
9-29-52		Time on Taclog						249	00 hrs.
TOTAL TIME									

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REMARKS

SIGNATURE

100 hr. periodic inspection. See form 90A 319 this date
 Changed engine oil SAE 50, cleaned oil pump screens.
 Checked and set rocker arm clearances. Cleaned and reset spark
 plug gaps. Cleaned air cleaner, drained carb fowl
 and bath water traps. Set generator belts to proper tension.
 Removed rocker box covers and adjusted rocker arm
 clearances. Engine in airworthy condition
 Chas E. Stinson A+E 1082420

9-29-52 25 hr. Check changed engine oil cleaned oil pump
 screens. Cleaned air cleaner. Drained carburetor and generator
 Chas E. Stinson A+E 1082420

5-20-59 oil changed - Tach reads 874.6
 Screen cleaned W. L. Reavis
 A+E 129681

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Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
6-3-52		Time on T-6 log						126	00
6-30-52		Time on T-6 log						151	00
7-18-52		Time on T-6 log						185	00
TOTAL TIME									

NOTICE:—Making false entries in this book is prohibited.

ENGINE LOG

REMARKS	SIGNATURE
25 hr check - Changed oil in engine, cleaned oil pump screen, drained gas-water traps, and drained carb. fuel.	
Checked and tightened generator belts. Engine airworthy. Chk E. Stinson at E 1082420	
25 hr check, changed oil in engine, check and clean pump screen. Checked and drained all gas-water traps, drain carb fuel. Repaired engine baffling left side. Engine airworthy. Chk E. Stinson at E 1082420	
25 hr check. Changed engine oil, cleaned oil pump screen. Checked and drained all gas-water traps. Cleaned air cleaner. Replaced leather on engine baffling with felt to prevent engine overheating, due to loss of some air purifier. Engine airworthy. Chk E. Stinson at E 1082420	

Instructions for the Use of Log Book

22-28

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 974A
License No.

MANUFACTURER { Name Lycoming Div Aero Mfg Corp.
Address Wichita, Pa.

Model 0-290-D TC# 229 H. P. 125 Serial No. 1494-21

Stroke 3 7/8 Manifold Pressure { Normal
Bore 4 7/8 Maximum

R.P.M. { Normal B.H.P. { Normal
Maximum 2600 Maximum 125

Gear Reduction Ratio Rotation of Propeller Clockwise

Certified Correct Date [REDACTED]

OWNER { Name [REDACTED]
Address [REDACTED]

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1935, punishable by ...