

ENGINE LOC

The subject aircraft was involved in an incident /
accident on 4/5/2025 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 4187338629US.

Signed: ***Underwriters Salvage Company***

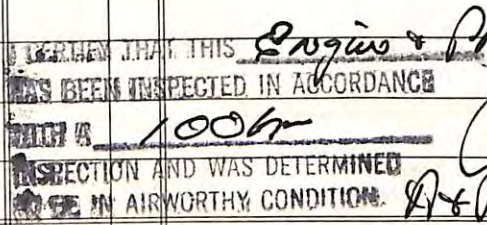
Date: **4/21/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.																			
11-04-2024.									Tach 4408. TSMOH 1,388.58 Checked oil & cleaned & screen. Cleaned & rotated & spark plugs. CF mag & timing.																		
<table border="1"> <thead> <tr> <th colspan="4">CYLINDER NO.</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>70</td> <td>76</td> <td>76</td> <td>74</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>												CYLINDER NO.				1	2	3	4	70	76	76	74	80	80	80	80
CYLINDER NO.																											
1	2	3	4																								
70	76	76	74																								
80	80	80	80																								
I CERTIFY THAT THIS <u>engine/propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Paul H. Wedin</i> 814P513445040																											
BROUGHT FORWARD																											
TOTALS																											

ENGINE LOG

DATE 2022	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9-3	Tach	4399.1.							TSMO413045. Changed oil & ck screen. Serviced w/ 5 qt. Phillips 20w/50 XC & 1 pt. Carburetor. Cleaned & rotated spark plugs. Cleaned fuel bowl, ck mags & timing. All compressions 66/80 or better.		
 I CERTIFY THAT THIS <u>Engine & Prop</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Paul H. Weller</u> <u>AIP 513445040</u>											
BROUGHT FORWARD											
TOTALS											

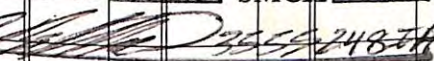
ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10-10-23									Tack 4405.9 TSMOH 1386.08 Changed oil & ck. screen serviced w/ 5 Qt. Phillips 20W/50XC Plus one Camguard. Cleaned gasco-lator. ACL compressions 68/80 or better.		
									I certify that this engine & propeller has been inspected I.R.W. on 100 hr. inspection and has been determined to be in airworthy condition.		
									<i>Paul Wedin</i> RP513448040		
BROUGHT FORWARD											
TOTAL S											

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-16-2021			SMCH-		1339.	18	4384.	7	Inspected Engine I/AW FAR 43, Appendix D. Compression #1 $\frac{68}{80}$ #2 $\frac{64}{80}$ #3 $\frac{76}{80}$ #4 $\frac{64}{80}$. Inspect & clean Engine Air Filter. Fuel bowl & screen found clean. C/W AD 66-05-01R1, Mueller Inspection found No Defects. Inspect, Dress & Repaint Prop. clean, Gap, Test & Retest spark plugs. Tighten all oil pump Attach Bolts. Mag. timing & switch ops found No Defects. changed oil & Filter Green found clean. Service with 6 qts of Phillips XC 20W50 oil. Washer how to check operation & for leaks. Found satisfactory. Can Return to Service. no other AD's Apply.		
I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition. Date <u>4-16-2021</u> at <u>4384.7</u> SMCH <u>1339.18</u> 											
BROUGHT FORWARD											
TOTALS											

Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N4933Z **S/N:** 22-8525 **Tach:** 4373.02 **Engine TT:** 4373.02 **SMOH:** 1326.09 **Date:** 01/09/2020

Inspection performed I/A/W Appendix D of Part 43. Performed compression check, results as follows 1) 68/80. 2) 68/80, 3) 72/80, 4) 66/80. Cleaned, inspected, rotated and reinstalled all spark plugs. Oil change not due per time in service. Inspected Challenger air filter IAW Challenger guidelines. Retimed engine per Lycoming guidelines to 25 degrees. Checked all engine compartment controls and linkages and lubricated as necessary. Ran engine, no leaks found and all operations are satisfactory.

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

James D Holt A/P 3894805 IA

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
11-24-2019					1313	95	4359	47	Changed oil. Serviced with 5qts of AeroShell W80 oil.		
									Leak check satisfactory.		
									owner Daniel G. Zukowski	<i>Dan Zukowski</i>	EPL 3827035

Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N4933Z **S/N:** 22-8525 **Tach:** 4373.02 **Engine TT:** 4373.02 **SMOH:** 1326.09 **Date:** 01/09/2020

Inspection performed I/A/W Appendix D of Part 43. Performed compression check, results as follows 1) 68/80. 2) 68/80, 3) 72/80, 4) 66/80. Cleaned, inspected, rotated and reinstalled all spark plugs. Oil change not due per time in service. Inspected Challenger air filter IAW Challenger guidelines. Retimed engine per Lycoming guidelines to 25 degrees. C/W AD 98-01-06; two-piece venturi inspection satisfactory. Checked all engine compartment controls and linkages and lubricated as necessary. Ran engine, no leaks found and all operations are satisfactory.

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

James D Holt A/P 3894805 IA

James D. Holt

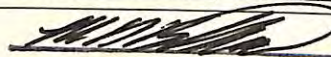
BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
3-12-2019					1290.68		4336.2		Inspected Engine I/A/W FAR 43, Appendix D. cylinder Compression Test Found #1 ⁶⁰ / ₈₀ #2 ⁶² / ₈₀ #3 ⁷⁴ / ₈₀ #4 ⁶⁸ / ₈₀ . Fuel bowl & Screen Found clean. Engine Air Filter Found clean. Replaced #3 cyl Intake Pipe Gasket P/N 71973. clean, Gap, Test & Rotated all spark plugs. Mag Timing & Mag switch ops found No Defects. changed oil & Filter Screen Found clean. Serviced with 6qts of Phillips XC 20W50 oil. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.		
BROUGHT FORWARD			no AOs Apply						I certify that this engine engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.		
TOTALS											

Date 3-12-2019 TT 4336.2 SMCH 1290.6

 3555248 EA

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10/6/2016					1278.48	4324.0			Inspected Engine I/P/W FAR 43, Appx. 12 cylinders Compression #1 68/90 #2 68/90 #3 74/90 #4 66/90. Inspected clean + Reoil engine Air Filter, cleaned, Gapped, Tested + Paint all spark plugs, checked Timing + Ignition leads, Properly Index Ring Gear + Prop. cleaned + Reoiled oil Breather Fitting in Case. Replaced #1 cyl. Exhaust Gasket. C/W S.I 1068A, Inspected + Adjust All Rocker Arm Valve lash to .080. changed oil + Inspected both oil screens, Serviced with 6 qts of Arrosell W100 oil. Washed + Ran to check operation + For leaks. Fuel screens Found clean. Found Satisfactory for Return to Service.		
									I certify that this airframe engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an <u>airworthy</u> condition.		
BROUGHT FORWARD									Date <u>10-6-2016</u> TT <u>4324.0</u> SMCH <u>1278.48</u>		
TOTALS									<u>1278.48</u> <u>4324.0</u> <u>1278.48</u>		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1/9/2018					1204.8	4330.4			Inspected Engine I/A/n FAR 43, Appx D. cylinder Compression #1 66/100 #2 72/100 #3 74/100 #4 88/100. cleaned & Reoiled Engine Air Filter. cleaned, Gapped & Tested all spark plugs. checked Mag timing & Ignition leads. Fuel bowl & Screen Found clean. AD 2017-16-11, Connecting Rods - N/A by Date - Rods not Replaced. C/w AD 68-05-01 R1 muffler Inspection Found No Defects. n/w AD 54-05-02. Dressed Prop Blades & Tips. No Defects. C/w AD 76-07-12. R1 - opened cleaned & lubed Mag switch. closed & Ran Engine to check operation & for leaks. Found Satisfactory for Return to Service.		
BROUGHT FORWARD									I certify that this 5500 or engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an <u>airworthy</u> condition.		
TOTALS									Date <u>1-19-2018</u> TT <u>4330.4</u> SMCH <u>1204.8</u>		

Dynamic Mechanic LLC. ■ Rockingham County / Shiloh Airport KSIF ■
Stoneville, NC
Make: PIPER
Order No.: 69
S/N: 22-8525
Engine Log
Model: PA-22-108
Tach Time: 4309.73
Type: Lycoming O235C1
Reg. No.: N4
Completed: 06/
TTAF: 430
S/N: R86

Conducted Annual inspection I.A.W. FAR 43.13 Appendix D. Using Manufacturers annual inspection checklist as a guide. Compressions: #1, 70, #2, 68, #3, 66, #4, 70/80. Drained oil and inspected strainer (no abnormalities), serviced with Aeroshell 100W. Cleaned and Gapped plugs and verified proper magneto timing. I certify that this Engine has been inspected in accordance with a annual inspection and was determined to in airworthy condition.-end
Edward W. Pettee 3069938 A&PIA

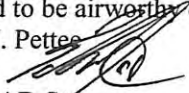
Recurring AD status:
AD2004-10-14 Due at sudden stoppage

Dynamic Mechanic LLC. ▣ Rockingham County / Shiloh Airport KSIF ▣
Stoneville, NC
Make: PIPER Model: PA-22-108 Reg. No.: N4933Z
Order No.: 97 Completed: 08/23/15
S/N: 22-8525 Tach Time: 4314.10 TTAf: 4314.10
Engine Log Type: LycomingQ235C1 S/N: B868015

Conducted Annual inspection I.A.W. FAR 43.13 Appendix D. Using Manufacturers annual inspection checklist as a guide. Removed #3 cylinder from service and installed a new cylinder from Lycoming in accordance with Lycoming Direct Drive Overhaul manual PN-60294-7 dated 12/74. Compression's: #1, 70, #2, 68, #3,78, #4, 70/80. Drained oil and inspected strainer(no abnormalities), serviced with Phillips 20W50XC. Cleaned and Gapped plugs and verified proper magneto timing. Engine run-up conducted and found to operate within proper parameters. I certify that this Engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.-end
Edward W. Petter 3069938 A&PIA

Recurring AD status:
AD2004-10-14 Due at sudden stoppage.

[illegible]

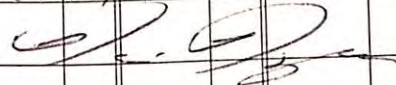
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
N4933Z 4309.01TT											
ENGINE PA22-108 22-8525 7 Sept 2012 Inspected Engine I.A.W. FAR 43.13 appendix D scope and detail using Piper PA-22 100hr/Annual Inspection Checklist. Compressions #1 70 #2 68 #3 60 #4 70/80. Cleaned and Gapped plugs. Inspected oil strainer and serviced with Aeroshell 100W. I certify that this engine has been inspected in accordance with a annual inspection and was determined to be airworthy condition.-end Edward W. Pettee  3069938 A3PIA. Recurring AD Status: 2004-10-14 Due at sudden stoppage.											
BROUGHT FORWARD											
TOTALS											

BROUGHT FORWARD			
TOTALS			

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
3-6	R+R								Vacuum pump Model # RA215CC		
2010	Tech								Serial # A35749 checks good		
									4260.3  A+P 3100425		
2-24	4299	28									
2011									(1) Engine oil changed - Aeroshell 100w <u>5 qts.</u>		
									(2) Engine oil screen removed found clean.		
									(3) Spark plugs cleaned - rotated.		
									(4) Engine controls labeled AD 98-01-06 c/w by inspection.		
									(5) Exhaust checked		
									(6) Magneto to engine timing checked		
									(7) #1-68- #2-74 #3-70 #4-75		
									I certify this engine has been inspected		
									I/A/w AN ANNUAL inspection + found to be		
									in an airworthy condition		
									AD not updated.		
									Shorby Allen 229748673 A+P-IA		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-12-08									① engine oil changed Aeroshell 100 Plus		
									② Oil screen ch.		
									③ Spark plugs cleaned - rotated		
									④ Engine controls lubed		
									⑤ #1-70 #2-78 #3-68 #4-70		
									⑥ Exhaust checked		
I certify this engine has been inspected IIA/W Exhaust inspection and has been found in an airworthy condition. Date 1/12/08 2297486731A Total time 4223.79 Tech. H. K. S. M. C.											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-27-09									① Remove cowl		
2009 / 1127.39									② Drain engine oil		
									③ Add 6 qts Aeroshell 100 w Plus		
									④ Spark plugs cleaned - rotated		
									⑤ Check exhaust		
									⑥ Engine controls lubed		
									⑦ Called union concerning SB3-08A		
Technician advised him according to S/N of map that it was a late S/N batch that had the problems. Not to tear down & inspect as of S/N. No problems Not to. Told CK @ 250 hrs but if											
									⑧ Compression - #1-68 #2-68 #3-62		
									#4-60		
BROUGHT FORWARD											
TOTALS											
									⑨ replace cowl		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6/2/06									TACH - 4211.37 TSMO A - 1164.44		
									1. Installed Bracket Air Filter P/N 4801		
									2. Changed oil & Cleaned screen - added 6 qts Phillips X/C 20-50		
									3. Compression ✓ =		
									# 1 64/80 # 3 64/80		
									# 2 80/80 # 4 80/80		
									4. No new or recurring engine AD's due @ this time.		
									A/C REG.# <u>N4933Z</u> DATE <u>6-2-06</u>		
									TOTAL A/C TIME <u>4211.37</u> HRS. <u>1164.44</u> MIN.		
									I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
									<u>Signature</u> <u>AT 20470133A</u>		
									SIGNATURE CERTIFICATE NO/TYPE		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
12-13-2006									Tach 4218.72 1171.79 SMOH		
									(1) Spark plugs - new installed URFM 40E		
									(2) New ignition leads installed		
									(3) New slick magneto's installed - all furnished by Mallatuck Kit # K 4517-40		
									(4) Engine oil changed at 4211.37		
									(5) Exhaust system checked		
									(6) Engine Controls lubed		
									(7) #1-65 #2-72 #3-62 #4-76		
									(8) AD list updated in aircraft records.		
									(9) Engine run up mag drop - L-75 R-75 Static RPM 2250.		
BROUGHT FORWARD											
TOTALS											

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

Shorty Allen 2207480731A
 Total time 1171.79 SMOH
 Tach 4218.72

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
5-9-99									Performed Compression test. Results #1 72		
TACH: 4019.3									#3 72 #4 78 #2 72.		
									I certify that this engine has been inspected		
									in accordance with an annual inspection and		
									was determined to be in airworthy condition.		
									APP IA 213944911 Howard E. Wolf Jr.		
9-1-00											
TT: 4049.3									Replaced #2 cyl. with Recond. new exhaust valve.		
SMOH: 1003.78									Compression test: #1 70 #2 50 #3 69 #4 70		
TCH: #2 cyl. OHS									Replaced exhaust shroud. Replaced all exhaust		
									Gaskets. Removed and replaced exhaust stud, stopped drilled		
									crack to #1 cylinder FIN. All ADS complied with to date		
									See Listing Dated 4-12-00.		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									I certify this engine has been inspected IAW an Annual		
									Inspection and has been determined to be in airworthy		
									Condition.		
									APP 213944911 IA Howard E. Wolf Jr.		
9-1-00									Piston also replaced to #2 cylinder. All		
									Components to Cylinder + assy are P10		
									oversize.		
									Howard E. Wolf Jr. APP IA 213944911		
2-25-01									Removed prop and nose cowling. Replaced FWD crankshaft		
									seal. Removed starter - overhauled and reinstalled. Replaced		
									battling to FWD RIGHT SIDE OF ENGINE.		
									Run-up leak checked good. Tach time 4073.4		
BROUGHT FORWARD											
TOTALS									Howard E. Wolf Jr. APP IA 213944911		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
11-6-96	Tach:		3852.0								
									Replaced alternator SN# 6045. Replaced Regulator SN# 7525		
									Replaced spike diode. Performed operational CK-OK		
									Howard E. Wolf A+P 213 944911 IA		
5-17-97											
TACH:	3877.88								Drained oil, cleaned screen added 6 qts Aeroshell 15-W50		
									Replaced muffler with new. overhauled Carb heat box.		
									Timed magnetos. 250 BTC. Installed bolt to starter		
									Compression #1 7 3/80 #2 68/80 #3 65/80 #4 76/80		
									Cleaned engine and firewall. Lubricated all controls. Cleaned		
									tested, gapped spark plugs. Replaced alternator belt. Replaced		
BROUGHT FORWARD									gaskets and seal to vacuum pump. Run up - leak check		
TOTALS									good. All AD Note compliance see new listing		
Dated 5-17-97.											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
	I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Howard C Wolf Jr. A+P 213944911 IA										
5-30-98											
TACH: 3927.43											
	I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A+P IA 213944911 Howard E Wolf Jr.										
C/W AD	108-05-01, 96-09-06										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-19-96									Opened for inspection cleaned checked spark plugs & rotated top to bot. Changed oil Aers SAE 80 Cleaned oil, Fuel, Air filters checked Mag timing Cyl comp $1 \frac{74}{80}$ $2 \frac{76}{80}$ $3 \frac{76}{80}$ $4 \frac{74}{80}$ Removed fuel & Clean & Tested fuel lines. Replaced Valve cover gaskets. Opened Muffler for inspection adj carb Heat cable Lubed all controls Greg E Bates		
I certify that this Engine was inspected in accordance with an annual inspection and was found to be airworthy											
			Date 6-20-96						Gregory E Bates AOP 215586564 IA		
BROUGHT FORWARD			TAC		3846.7						
TOTALS											

[illegible][illegible]

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

[illegible]

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-21-92									Installed 2 Main tires 600x6		
									New Vacuum pump		
									Installed New Ex gaskets & Repaired		
									Mounting studs on Ex cyls. set Mag Timing		
									opened for inspection cleaned all screens		
									gas & oil & air filter Test Run all ok		
									checked ADS To Date cyl comp $\frac{1}{50}$ $\frac{2}{50}$ $\frac{3}{50}$ $\frac{4}{50}$		
									See AD list		
									Confirms that this Engine has been inspected in	RPM 2250	
									accordance with a Annual inspection and was	oil 170°	
									determined to be found in airworthy condition	oil 85 lbs	
									Date 6-23-92		
									Gregory E. Tester		
									3529.4		
									A&P 41558664 1A		
									Gregory E. Tester		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
I certify that this Engine has been inspected in accordance with an annual inspection and was found to be airworthy. Tax 3382 Gregory E. Linton Date 1/24/90 ACP 215586564 JH AD 90-04-06 DNC no governor Gregory E. Linton ACP 215586564											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
2-3-36	- TRUL TIME		3045.52								
Engine Disassembled, Cleaned, and Reassembled. All steel parts regreased. Crankshaft ground to -.003 mains and rods. Elliott Cfs w/ #5197 Crankshaft Re-ground by Aircraft Specialties w/ #16649. Crankcase welded and ground oversize ^{+ .010} by Elmore Aircraft Engines w/ #3672. The following new parts installed 4 new LW 19034 valves, 4 new 13851-P10 Piston, 8 new 68196 P10 Ring, 4 LW 16867 P10 Ring, 4 60072 P10 Ring, 8-68763 -1103 Bearing, 8-78027 Bolt, 4-61196 ^{100%} Plugs, 1 SD 1211 Plug, 8-LW 12186 Rod Nuts, 8- 60828 Piston Pin Plug, 4-LW 11626 Guides, 8-71105 Tappet Rods, 8-61662 113 Bearings, 2-60037 Valves (used)											
BROUGHT FORWARD											
TOTALS											

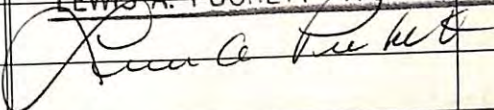
ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									Engine Overhauled as per Lycoming overhaul manual using all new baskets and seals. Engine. Reinstalled no accessories using new mounts. Mags and carburetor were not overhauled at this time. Engine secured with bolts still. SOR. HAP 1603707		
MIKE CONNOR AIRCRAFT REPAIR LEESBURG MUNICIPAL AIRPORT LEESBURG, FLORIDA 32748 PHONE (904) 787-8331 CERTIFIED REPAIR STATION FAA APPROVED NO. 784-73											
BROUGHT FORWARD											

ENGINE LOG

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-20-84	SMOH 1391.5		(Tack 2995.5)		change oil, check screen, rotate & clean plugs - I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition		Steven V. Henley		408689756 A&P		
Oct 10/9/84	Tack 3010.5		TSMOH 1406.5		with drop 250 - found R.R. PLUGS AND GUTS Replaced w/ new RENTOG		Changed oil, cleaned screen, Phillips XC		cleaned injectors	Ed Thomas owner	
1/14/85	Tack 3020.5		TSMOH 1416.5							Ed Thomas	4844982
BROUGHT FORWARD											
TOTALS											

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.		
TAC 3029:60									Date <u>July 17 1985</u> I certify that this aircraft has been inspected in accordance with a <u>DAWAA</u> inspection and was determined to be in air worthy condition. <u>LEWIS A. PUCKETT A & P 267464825</u> 	
July 17, 1985										
NEW RE-MANUFACTURED BENDIX IMPULSER LEA MAG INSTALLED ALONG WITH NEW SLICK HARNESS NEW DUCT HOSE, STARTER REPAIRED (NAP)										
BROUGHT FORWARD										
TOTALS										

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																		
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.																					
TOTAL TIME 2947.72 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 14760 DATE 4-9-82 SIGNED Havela Manning FOR APPALACHIAN FLYING SERVICE, INC. TRI-CITY AIRPORT BLOUNTVILLE, TENNESSEE 37617 REPAIR STATION NO. 361 COMPRESSION TEST <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>75</td><td>68</td><td>65</td><td>64</td><td></td><td></td></tr> <tr><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td></tr> </table> DIFFERENTIAL AIR												1	2	3	4	5	6	75	68	65	64			80	80	80	80	80	80
1	2	3	4	5	6																								
75	68	65	64																										
80	80	80	80	80	80																								
BROUGHT FORWARD																													
TOTALS																													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																		
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.																					
TOTAL TIME 2985 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 1586.2 DATE 9-14-83 SIGNED Havela Manning FOR APPALACHIAN FLYING SERVICE, INC. TRI-CITY AIRPORT BLOUNTVILLE, TENNESSEE 37617 REPAIR STATION NO. 361 COMPRESSION TEST <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>68</td><td>72</td><td>65</td><td>75</td><td></td><td></td></tr> <tr><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td></tr> </table> DIFFERENTIAL AIR												1	2	3	4	5	6	68	72	65	75			80	80	80	80	80	80
1	2	3	4	5	6																								
68	72	65	75																										
80	80	80	80	80	80																								
Serviced 6cyls Texaco 40 OAD Replaced All Rubber Mount Bushings																													
BROUGHT FORWARD																													
TOTALS																													

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-5-80									DRAINED OIL, ADD 6QTS SOWT mineral oil, Clean DIZ screen, Clean & GRP Plug's. Remove #1 CYL MACHINE VALVES & SEATS, Clean PISTON, INSTALL new RINGS, INSTALL CYL Run up & check OK. OK., COMPLETE #1 6680 #2 7080 #3 7180 #4 7480		
Date <u>6-5-80</u> TACH <u>2913.8</u> Inspection done in accordance with inspection procedures outlined in FAR 43 Appendix D. I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annex</u> inspection and was approved for return to service. <u>John A. Bombaro</u> John A. Bombaro IA1962398											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
TOTAL TIME											
TACH TIME											
DATE											
I CERTIFY THAT THIS <u>Eng</u>											
HAS BEEN INSPECTED											
IN ACCORDANCE WITH A <u>Annual</u>											
INSPECTION AND											
FOUND AIRWORTHY AT THIS TIME											
Oil Changed + Screens Cleaned											
Comp CR #1 80/80 #2 80/76 #3 80/72 #4 80/60											
New 8 Spark Plugs Installed REM 40E											
AD Notes Checked For Compliance											
C.E. Warden / A14232D											
8/23/78 Changed oil with 5-qt AeroShell											
50 W ADI TACH 2816.16											
J.B. Paty											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									Rings and hone cyl. See TAG REAR of Log. Reinstalled and ground run.		
									I certify that this engine has been inspected I.A.W. A 100 hr insp and is determined Airworthy		
									<i>Bill Macdonald</i> AYP 1811826		
									DATE <u>1/13/77</u> TACH TIME <u>2694.68</u> TOTAL TIME <u>2694.69</u>		
									I CERTIFY THAT THIS AIRCRAFT <u>Eng</u>		
									HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>		
									INSPECTION AND HAS BEEN FOUND AIRWORTHY.		
									<i>James D. Roman (FA)</i>		
									AUTHORIZED SIGNATURE <u>AYP 488988</u>		
									COLONIAL AIR CENTER WILLIAMSBURG · JAMESTOWN AIRPORT 100 MARCLAY RD. WMSBG., VA. 23185		
									BROUGHT FORWARD		
									TOTALS		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-FEB-76									100 HR INSPECTION Total time		
									CHANGED OIL, AERO SHELL SAE 50 QTS (5)		
									CLEANED OIL SCREENS, REMOVED HEAT MUFFLER		
									FOR A.I. INSPECTION, CLEANED CARB. AIR SCREEN		
									PERFORMED COMPRESSION CHECK # 1- ⁶⁶ / ₈₀ # 2- ⁷⁴ / ₈₀ # 3- ⁷⁴ / ₈₀ # 4- ⁷⁶ / ₈₀		
									CHECKED ENGINE CONTROLS, INSTALLED NEW ALT		
									BELT, NEW EXHAUST PIPE, CLEANED & GAPPED SPARK		
									PLUGS.		
									I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED		
									IN ACCORDANCE WITH 100 INSPECTION AND HAS BEEN		
									FOUND AIRWORTHY. Willard F. Young		
									A & P 1188658		
									Feb 2, 1976 "I certify that this engine has been inspected		
									in accordance with an Annual Inspection and		
									was determined to be in Airworthy Condition James D. Roman		
									ATP 488-988		
									TOTALS		
									Tach Reads 2634:22 TT = 2634:23		

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7/12/74											
BROUGHT FORWARD											
TOTALS											

100 hour inspection this date.
Drained oil, inspected & cleaned
oil screen. Serviced with 6 qts of
720W 40 AD, Gulf oil.
Compressor checked. CVL #1 76/80,
No#2, 76/80; No#3, 78/80 No#4, 78/80
Inspected engine controls &
electrical system.
AD's reviewed for Compliance.
AD 73-7-4 NA mods installed.
Ground run, static RPM 2250.
I certify that this engine has
been inspected in accordance with
a 100-hour inspection and is
determined to be airworthy
TAC time 2458.14 Paul Carr
A9P1395405

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7/12/74	Continue 100 hr insp										
	Total time 9 458.14 SSMO 954.71										
	McCar, APP 1395405										
7/14/74	2512.4 changed oil WLF										
JAN 1, 1975 PERFORMED A 100 HOUR INSPECTION FOR ANNUAL. DRAINED OIL, INSTALLED 6 QTS SHELL MOUNT REGULAR OIL. REMOVED #1 & #3 CYLINDERS DUE TO LOW COMPRESSION ON RINGS, CYLINDERS RECONDITIONED AND REINSTALLED WITH NEW RINGS. #2 & 4 CYLINDERS COMPRESSION NORMAL #2-75, #4-69. CLEANED AND GAPPED SPARK PLUGS CHECKED MAG TIMING. CHECKED & CLEANED ALL VALVE AND OIL SCREENS. G. K. K. APP 1415245											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE DESCRIPTION

Mfgr. <i>Lycoming</i>	Place	Date	
Type	Model <i>O-235C / TC#223</i>	Serial No. <i>B-8680-15</i>	
Rated H. P. <i>108</i>	Maximum H. P.	Weight (Dry)	
Rated R. P. M.	Maximum R. P. M.	Oil Pressure	
Bore	Stroke	Displacement	Cu.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch	Diameter	Length	
<i>Installed in PA 22-108 SERIAL # 22-8525</i>			
<i>N7933Z</i>			
Owners Name			
Address	City	State	

Log # 7
ENGINE LOG



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

ENGINE LOG

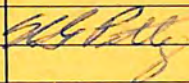
REMARKS

SIGNATURE

1-14-73

CERTIFY THAT THIS ENG HAS RECEIVED
 A 100 OR ANNUAL INSPECTION COMPRESSION
 OK BIASCREEN OK OK TT 219275 (5404669129)
 FOUND AIRWORTHY (B) Real 1458197

7/4/73 Changed oil. Put in 5 QTS
 SAE 20W40 (80) - Gulfpride



New Log Book #2 STARTED

November 23, 1973

NC

[illegible]

ENGINE LOG

REMARKS	SIGNATURE
3-24 Inspected mag. changed ign. leads bottom of cyl. # 2 + 4. Compression check # 1 $\frac{72}{80}$ # 2 $\frac{74}{80}$ # 3 $\frac{74}{80}$ # 4 $\frac{80}{80}$ Inspected muffler in accordance AD NOTE 68-5-1 I certify this eng. has been inspect- ed in accordance with the recommended 100 hr. inspect- ion and determined airworthy	AM Stevens P.1735897
T.S.M.O. 634.29 TOTAL TIME 21.37.75	

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year Mo.	Day		Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Sept	18								
Nov	28								
Dec	15								
TOTAL TIME									

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

ENGINE LOG

[illegible]

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

NC

[illegible]

ENGINE LOG

REMARKS	SIGNATURE
Used Golf A.D. 30-100	J.G. Folt
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>Periodic</u> Inspection and was determined to be in Airworthy condition. Date <u>3-10-71</u> Total Time <u>2158:45 hrs.</u> Sig. & Cert. No. <u>Theray Hudley</u> <u>1410792 IA</u>	

NC

Warning: Making false entries in this book is a violation of the Civil Aeronautics Act of 1926, punishable by Civil Penalties.

REMARKS

SIGNATURE

3/6/71

THIS ENGINE HAS BEEN INSPECTED, EXHAUST MUFF REMOVED
INSPECTED AND INSTALLED WITH NEW GASKETS, FUEL SYSTEM
INSPECTED AND STRAINERS CLEANED, DRAINED OIL
AND CLEANED OIL STRAINER REFILLED WITH 50^W ADGULF
REMOVED AND GAPPED SPARK PLUGS, CHECKED MAGS AND
WIRING, CHECKED PROPELLER TRACK, GROUND RUN
ENGINE, CHECKS GOOD. I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION
AND HAS BEEN FOUND AIR WORTHY. JG [Signature] 21P1666977

Engine Serial

N C

Date		R. P. M.		Ground Time Hrs. Min.		Air Time Hrs. Min.		Total Time Hrs. Min.	
Year Mo.	Day	Ground	Air						
6/1/69				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND HAS BEEN FOUND AIRWORTHY. SIGNATURE <u>James H. Sawyer</u> LICENSE NO. <u>1A83624-41</u> DATE <u>June 1, 1969</u> TOTAL TIME <u>1898.13</u> <u>T.S.M.O. 680.21</u>					
7-22-69		<u>Changed oil used 50W-Esso</u> <u>TAC. TIME 1941.82</u>							
TOTAL TIME									

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

ENGINE LOG

REMARKS	SIGNATURE
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND HAS BEEN FOUND AIRWORTHY. SIGNATURE <u>James H. Sawyer</u> LICENSE NO. <u>1A83624-41</u> DATE <u>Sept. 25, 1969</u> TOTAL TIME <u>1997.36</u> <u>1503.43</u> <u>493.93 since OH.</u>	

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

11-28-68

changed oil, used 6 qts, Esso 50 weight

Total 1794.567

1-28-69

Tack 1827.73 oil change.

I CERTIFY THAT THIS

HAS BEEN INSPECTED IN ACCORDANCE

WITH A 100 INSPECTION

AND HAS BEEN FOUND AIRWORTHY.

SIGNATURE

James H. Sawyer

LICENSE NO. 101P 8367A DATE 41

TOTAL TIME 1861.17 Tack

612.3 Clock

April 2, 1969 TSMO 357.74

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

Engine Serial N C

NC

[illegible]

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

I CERTIFY THAT THIS Engine
HAS BEEN INSPECTED IN ACCORDANCE
WITH A 100 INSPECTION
AND HAS BEEN FOUND AIRWORTHY.

SIGNATURE James A. Shioy

LICENSE NO. 1A83629-4 DATE 10-1-68

TOTAL TIME 1756.11

Time SMO, 252.68
Oct 1, 1968

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

Engine Serial

NC

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	Ground	Air					
7	24	68	Changed oil		used 6 qt. Esso		50		
			FT 1668.68						
9	18	68	Changed oil		used		50 weight		
			Pulled screen		cleaned.				
			TT		440.7				

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

ENGINE LOG

1756.11

REMARKS	SIGNATURE
I CERTIFY THAT THIS <u>Engine</u>	<u>Engine O.H. 1503.43</u>
HAS BEEN INSPECTED IN ACCORDANCE	
WITH A <u>100 Hrs.</u> INSPECTION	
AND HAS BEEN FOUND AIRWORTHY.	
SIGNATURE <u>Walter G. Eads</u>	<u>P. 1463049</u>
LICENSE NO. <u>Q</u>	DATE <u>7-23-68</u>
TOTAL TIME <u>1668.68</u>	
<u>165.25 Since M.O.H.</u>	

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

Engine Serial

N C

Date		R. P. M.		Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.
Year Mo. Day		Ground	Air			
				I CERTIFY THAT THIS <u>Engine</u>		
				HAS BEEN INSPECTED IN ACCORDANCE		
				WITH A <u>100</u> INSPECTION		
				AND HAS BEEN FOUND AIRWORTHY.		
				SIGNATURE <u>[Signature]</u> P 1463049		
				LICENSE NO. <u>1</u> DATE <u>1-30-68</u>		
				TOTAL TIME <u>1504.93</u>		
3-20-66 Oil Change screen pulled. Td 1505.87						
4-5-68 Oil change screen pulled. Td 1545.94						
TOTAL TIME						

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

ENGINE LOG

REMARKS	SIGNATURE
I CERTIFY THAT THIS <u>Engine</u>	
HAS BEEN INSPECTED IN ACCORDANCE	
WITH A <u>Annual</u> INSPECTION	
AND HAS BEEN FOUND AIRWORTHY.	
SIGNATURE <u>[Signature]</u>	
LICENSE NO. <u>1083624-41</u> DATE	
<u>5004</u> TIME <u>1575.66</u>	
<u>June 5, MO. 72.23</u>	
<u>May 7 1968</u>	
<u>5-7-1968</u>	
<u>Changed oil used 50wt 1575.66</u>	
<u>6-20-68 Oil Change. 1627.86</u>	

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

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
1	30	68		Major Overhaul Engine					
				Parts Used - Crank Case	New Factory			73211	
				Camshaft	Factory New			62772	
				New Exhaust Valves					
				New Ignition harness					
				Gen & Starter Reconditioned					
				Magneto's overhauled by Piedmont					
				New Bearings & Rings Standard					
TOTAL TIME									

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

ENGINE LOG

REMARKS	SIGNATURE
Engine dissembled sent to Piedmont Winston Salem Cleaned inspected all parts by zygo, Magnaflex usable Parts Painted Factory new Crank case replaced due to crack in front web Factory new Camshaft replaced old due to Pits on lobes. 3 cylinder repaired by Electro Coating for crack around spark plug holes. all cylinder worked fine ass. New exhaust valves honed by Electro Coating Grapevine Tex.	
Assembled in accordance to Factory Spec - P1H in on Ground 1:30 Recommend trip back return to service Burtis E. Leds P1H63049	

1928 punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	Ground	Air					
11	29	66	Changed oil used 6 qts Gulfpride Series D weight 50 Total Tack. = 14 36.38						
11	29	66	CK Compression & Oil Screens & Carburetor What the engine has received a 100 hr. inspection & found acceptable B O Neil (455819)						
12	30	66	Changed oil used 6 qts 20/40 Gulfpride Series D Tack = 14 75.72						
TOTAL TIME									

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

ENGINE LOG

SIGNATURE

REMARKS

11 Removed from A.C. N 5929 Z Serial # 22-9798-PA22
Total Time 1503.43 James H Sawyer LA 83624-41

1-30-68 - Engine Major Overhauled & Installed
in Aircraft 4933 Z PA22101T Total time 1503.43

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

N C

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

SIGNATURE

DATE	REMARKS	Engine
10-14-66	I Certify that this Aircraft has been inspected in accordance with a 100hr. inspection and found to be Airworthy. Total Time 1338.55	✓ Bent E. Cals P. 1463049
10-26-66	Changed oil used 6 qts 50 weight Series D Gulfpride. Cleaned screens, washed down engine + checked for security Total Tack = 1363.96	

10-26-66 Changed oil used 6 qts 50 weight
Series D Gulfpride. Cleaned screens.
washed down engine + checked for
security Total Tack = 1363.96

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

Engine Serial

N C

Date		R. P. M.		Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.
Year Mo. Day		Ground	Air			
7	5	1966	Charged oil used 50 Gulfpride washed down engine			
				Tack = 1130.44		
7	6	1966	I certify that this aircraft engine has been inspected in accordance with 100 hr. inspection and was found to be airworthy. Tack = 1131.83			
			Curtis Eads 71463049			
TOTAL TIME						

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

ENGINE LOG

REMARKS	SIGNATURE
7-16-66 oil Charge oil used 6 qts Gulfpride 50 Series D Tack = 1150.90	
7-29-66 Changed oil used 6 qts 50 Gulfpride cleaned screens & checked in security Total Tack time = 1196.42	
8-25-66 I certify that this aircraft engine has been inspected in accordance with 100 hr. inspection and was found to be airworthy. Tack = 1235.26 Curtis Eads 71463049	

Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year ...				Hrs.		Hrs.		Hrs.	
Mo.	Day	Ground	Air	Min.		Min.		Min.	
2	7-66	Changed oil used Gulf Pride Series D $2\frac{3}{4}$ 6 qts. Jack. 869.20							
2	25-66	Changed oil, used Gulf Pride $2\frac{3}{4}$ 6 qts. Series D Jack 890.62 Cleaned screens washed down engine.							
3	25-66	Changed oil used 6 qts Gulf Pride $2\frac{3}{4}$ w. washed down engine cleaned screens checked exhaust system. checked engine for security. Jack time 949.29							
3	26-66	8 New spark plugs							
TOTAL TIME									

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

ENGINE LOG

REMARKS	SIGNATURE
4-22-66 changed oil cleaned screens washed down engine + checked for security. Jack = 987.26	
5-28-66 changed oil, pulled oil screen's + cleaned, New gaskets Rocker box gaskets New exhaust gaskets, checked valves, cleaned plugs + set gap. oil used Gulf Pride $2\frac{3}{4}$ 6 qts. Total time 1034.22	
5-28-66 I Certify that this aircraft engine has been inspected in accordance with a 100 hr. inspection and was found airworthy. Total time = 1034.22	
	Charles E. Jack P-1463049

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

NC

[illegible]

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

ENGINE LOG

SIGNATURE

REMARKS

1-1-66 I certify this aircraft engine
has been inspected in accordance with
a periodic inspection and it
isworthy

Total Time 843.32

218 1783624-41

3-18-66 I Certify this aircraft engine has been inspected
in accordance with a 100 hr. inspection and was
found to be airworthy. Jack 937.81 937.81
J. H. Sauer A+P 83624-41

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

ENGINE LOG

SIGNATURE

REMARKS

12.17.65 Oil change. Clean sensors Wash Base
Refill with 20-40 GULF. Taktine 832,03

12.31.65 I certify that this engine
has been inspected in accordance
with a 100 hr inspection and
is found airworthy

J. H. Sawyer A+P 83624-41

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
10-		8	1965	Changed oil used 69ts Gulfpride 20/40					
			Tack =	731.54					
10-		14	65	changed oil with because it looked black. cleaned all screens washed down engine & checked plugs & renewed cigarettes.					
			Tack =	739.18					
TOTAL TIME									

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

ENGINE LOG

SIGNATURE

REMARKS

October 17, 1965 I certify that this aircraft engine has been inspected in accordance with a 100 hr. inspection and was found to be airworthy. Total time: 743.69

Edie E. Eads P-1463049

11-10-65 Tack = 771.34
changed oil cleaned screens washed down engine checked for security Mrs. Eads 20/40

11-27-65 changed oil used Gulfpride 20/40
Tack = 800.00

penalizable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
6-23	65	oil change	6 qts	Gulfpride	Seven	D			
		SAE 20							
		Tack 40		Tack =	560.74				
7-23	65	Changed oil used	6 qts	Gulfpride					
		SAE 50		Tack =	600.70				
8-20	65	Changed oil used	6 qts	Gulfpride					
		SAE 50		Tack =	649.46				
9-7	65	Changed oil used	6 qts	Gulfpride					
		SAE 50		Tack =	676.00				
TOTAL TIME									

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

ENGINE LOG

SIGNATURE

REMARKS

Total time 576:12 July 3, 1965
 I certify that this aircraft engine
 has been inspected in accordance with
 100 hr. inspection and was found to
 be airworthy.

Ed E. Pals P-1463049

Sept 7, 1965. I certify that this
 aircraft engine has been inspected
 in accordance with a 100 hr. inspection
 and found to be airworthy.
 Total time 676.00

Ed E. Pals P-1463049

punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
3-7-65		oil change		used 6 gts Gulfgrade Series D					
		20		Jack = 430.15					
		40							
3-24-65		Changed oil		washed down engine, cleaned					
		screens, set spark plugs, replaced		rocker box gaskets, set valves to					
		010 cold, tightened generator belt.		Jack = 455.50					
3-30-65		Replaced Carburetor - MA-3A		10-3103-1					
		Serial No 4-4-596 overhauled - AD Note		64-27-2 Complied with Piedmont Aviation Ord. 329.65					
		Work order # 38734 installed by Curtis E. Eads P1463049							
TOTAL TIME		total time		459.75					

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

ENGINE LOG

SIGNATURE

REMARKS

4-23-65

I certify that

Total time 481:18 hrs. Date April 23, 1965
 I certify that this Engine has been
 inspected in accordance with a 100 hr.
 inspection and was determined to
 be in airworthy condition.

Curtis E. Eads P1463049

5-22-65

new plugs + oil change 6 gts 20
 Jack time washed down engine 40
 518.93

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

Jan. 7, 1965
 changed oil, Cleaned Screens -
 washed down engine

Jan. 7, 1965 I certify that this
 Engine has been inspected in accordance
 with a Periodic inspection and was
 found airworthy.

Total Time = 385.34 Hours & Logs P-1463049

I certify that this aircraft Engine
 has been inspected in
 accordance with the 100 hour/
 period of inspection and has
 been found airworthy.

Signature

Cert. #

James H. Lloyd 1083624-41

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

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
1964									
10		14	1964	Changed oil	Tack =	263	37		
				used 6 gts. Gulfpride	20/40				
10		30		changed oil cleaned screens	Checked spark				
				plugs	Washed down engine	Checked over			
				for security	Tack =	288	70		
10-30-64			I Certify that this Engine has been inspected in accordance with a 100 hr. check and was found to be Airworthy.						
					Tack =	288	70		
					E. L. Ladd T-1463049				
TOTAL TIME									

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

361.40

ENGINE LOG

SIGNATURE

REMARKS

11-21-64
changed oil used 6 gts. Gulfpride 20/40
Tack = 330.49

12-12-64
oil change used 6 gts Gulfpride @ 20/40
Tack = 361.40
also cleaned screen & checked over for
Security

Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

SIGNATURE

REMARKS

8-22-64

INSTALLED NEW GASKET # 2 + # 3 CYLINDER INTAKE

NEW SPARK PLUGS # EM 42E

CLEANED SCREEN NEW GASKET

NEW GASKETS ON ALL ROCKER BOX COVERS

Changed oil 6 qts.

I Certify that this engine
has been checked in accordance
with a 100 hr. Check and was
found airworthy.

Total time 192.30

P-1463049

Burtis & Pease -

9-10-64

changed oil used 6 qts Bulfpide

20/40 226.49 Total

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

REMARKS

SIGNATURE

6-20-64 I certify that this engine has
 been checked in accordance with a
 100-hr. check and was found airworthy.
 Oil Change, S. plugs cleaned & adj.
 Engine washed.

Total time 95.84

J. M. Kidwell ATE 1160739

7-2-64

Changed oil & checked engine for security.
 Tach = 116.37 oil used Gulfgrade SAE 50 6 gts.

7/18/64

Changed oil - Gulfgrade SAE 20-40 6 gts.
 Tach - 155.62
 Checked engine for security.

NC

[illegible]

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

ENGINE LOG

REMARKS	SIGNATURE
5-26-64 changed oil cleaned screen. Time = 43.37 INSTALLED NEW GASKET # 1 CYLINDER INTAKE INSTALLED CARBURETOR MA-3A-10-3103-1 SER Y-4-1710 (OVERHAULED PAI) (TOTAL ENGINE TIME 59.9) (6-5-64)	J. S. Eimer. A+P 1392840 PIEDMONT AVIATION INC. ORF.
6-8-64 changed oil used 6 qts. Gulppride 20/40 Total Time 73.32	Mrs Curtis Eads

Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.

5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N 49332
57293
License No.

MANUFACTURER { Name Lycorning Div. Avco mfg. Corp.
Address Williamport, Penna.

Model 0-235 Cl TC #223 H. P. 108 Serial No. 8-8680-15

Stroke Manifold Pressure { Normal
Maximum

Bore B.H.P. { Normal
Maximum 13.8

R.P.M. { Normal
Maximum 2600

Gear Reduction Ratio Direct Rotation of Propeller Clockwise

Certified Correct Date

OWNER { Name
Address