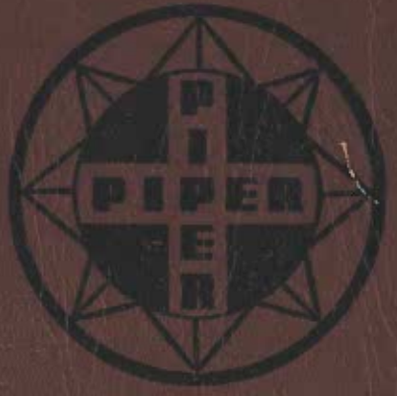
ENGINE LOG



PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

(1)

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.

CARB - MA4-5
10-44CH
S. N. 7-4-453

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A. 3291W

PROP
C11-C2YK-1B SER. CH641

ENGINE LOG

N ~~3554W~~
License No.

MANUFACTURER { Name Lycoming
Address Williamsport Penna

Model O-540-E4B5 H. P. 260 Serial No. L-9862-40

Stroke 4.375
Bore 5.125

Manifold Pressure { Normal
Maximum

R.P.M. { Normal 2700
Maximum 2700

B.H.P. { Normal
Maximum

Gear Reduction Ratio

Rotation of Propeller

Certified Correct

Date

OWNER { Name
Address

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 Year 66 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
4	11								
10-7-66								61	1
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
Changed Oil 25 hr. Insp	
RPM UnCompounded SAE 50	
Changed Oil 25 hr Insp.	
airoshell #50 comp.	
James L. Pelmont	
A&P 1164850-1A	

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 Year Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
4-									
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
Routine Maint performed in conj with a 100 hr Inspection. Cleaned & checked plugs. Cleaned screens. Retimed mags.	

DATE 4-21-67

I CERTIFY THAT THIS Comanche HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPLICABLE A. D. NOTES THROUGH 67-3-7 CHECKED OR COMPLIED WITH. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 1272. TOTAL TIME (OR TACH. READING 810.) SIGNATURE James L Stewart

A+P 1164850 IA

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

Engine Serial ..... No. .....

Date Year 67 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
8-15-67								129	55
4-23-68								159	70
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
Changed oil 25 hr Inspection 11 qts # 50 comp RPM James L. Pilmont A&P 1164850-1A	
I certify that this POWERPLANT has been inspected in accordance with an [redacted] 100 HR inspection and was determined to be in an airworthy condition. S. J. SORNBERGER, A&P 1516192 S J Sornberger	Changed oil & filter checked points checked timing cleaned plugs, inspected heater muffs washed engine & checked for A.D. Replaced Prop. Governor control with a new one PN 65451-03 S J Sornberger

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 Year 68 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
5	7							160	28
5	29-69					Tac. time		180	65
		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 AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION GERALD J. LILIENTHAL A&P 1131307	checked AD 66-14-3 NB 66-20-4 NB. J. Lilienthal
I certify that this Engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition. S. J. SORNBERGER, A&P 1516192 S. J. Sornberger A	Changed oil, cleaned & gapped plugs, checked mag points & timing, removed & inspected heater muff, replaced 4 Ex gasp washed engine & checked for tightness. Checked A.D.s none acceptable, inspected propeller, replaced 4 hub nuts that were found loose.

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 Year / Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
5	29							181	55
	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 AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION GERALD J. [illegible] A&P 1131307	

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 Year 70 Mo. Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
7-1-70	Routine maint performed changed oil cleaned screens. checked mags & timing							
TOTAL TIME								

DATE 7-1-70

I CERTIFY THAT THIS Powerplant HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPLICABLE A. D. NOTES THROUGH 69-22-2 CHECKED OR COMPLIED WITH. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. _____. TOTAL TIME (OR TACH. READING 2412.2)

SIGNATURE James L Pilsworth

A&P 1164850-1A

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
8-1-71 - Tach 241 hrs Routine maint performed. changed oil. cleaned screens - cleaned & checked plugs - checked timing & mags condition. changed filters	

DATE 8-1-71

I CERTIFY THAT THIS Powerplant HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES THROUGH _____ CHECKED OR COMPLIED WITH PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER No. _____. TOTAL TIME (OR TACH. READING _____).

SIGNATURE James L Pilsworth

A&P 1164850 1A

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 Year Mo.	Date Day	R. P. M. Ground	R. P. M. Air	Ground Time Hrs.	Ground Time Min.	Air Time Hrs.	Air Time Min.	Total Time Hrs.	Total Time Min.
8-	30	TACK 312	TOTAL 312	I CERTIFY THIS ENGINE HAS BEEN					
		INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND							
		FOUND TO BE IN AIRWORTHY CONDITION, COMP CHECK 75,76,74,78,76,76/80							
		CHANGE OIL, CHECK AND CHANGE OIL FILTER, CHECK MUFFLER,							
		CLEAN + GAP SPARK PLUGS, CHECK MAGS. Jonnie Paley A&P1944979							
10-	13-72	TACK 386		OIL CHANGE SHELL 65W		Jonnie Paley			

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
3/19/73 TACK 386 ENGINE OIL CHANGE, FILTER CHANGE, INSTALL CORD AT HOSE KIT P/N 760-639 Jonnie Paley A&P1944979	
4-26-73 TACK 413 100 HR INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR 43 COMP CHECKED 75,75,75,76,75,78/80 CHECK OIL SCREEN - CHANGE FILTER - NEW SPARK PLUGS CHAMPION REMOVE CHECK MAG POINTS, STARTER - ALTERNATOR REPAIR BAFFLE CYL #4 OIL SHELL 100 W Jonnie Paley	A&P1944979

Inspection completed this date.
I certify that this Engine has been inspected in accordance with a Annual Inspection and FAR Regulations and determine it to be In an air-worthy condition.

Signature Jonnie Paley IA 1944979

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 Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
5/	22/73		Oil change			Shell	100W		
			TACH-	442.53					
8-8-73			Oil Change -			Shell	100 W		
			TACH:	495.04					
		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

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 Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
		8-15-73 - Prop removed -							
		TACH TIME -		503.37					
8-17-73		TACH 503.3 Reinstall Propeller Rebuilt By							
		Maxwell Prop Serv Minn See Meint Certificate							
		Rear of Log Eng Run Checked for High RPM							
		And Governor Action John Pate A&P1944979							
		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
10-28-73 TACH 525 100 HR INSPECTION	CONTACTED THIS DATE
IN ACCORDANCE WITH FAR 43 ENG COMP	SATISFACTORY ENG OIL
CHANGED SHELL 100W OAT. CHECK OIL	SCREEN CLEANED FILTER
CLEAN FUEL FILTER ENG OPERATED	John Pate A&P1944979
11-5-73 OIL CHANGE - 10 QT SHELL AERO	
TACH - 570.86	

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 Year / Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.	REMARKS	SIGNATURE
2-1-74		TACH 638								ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR 43 ENG COMP CHECKED '75 '78 '76 '74 '78 '78/80 OIL CHANGED FILTER CHANGED SPARK PLUGS CLEANED & GAPPED NEW POINTS INSTALLED IN MAGS MAGS TIMED TO ENGINE MUFFLER CHECKED ENGINE WASHED DOWN. I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION Jonnie Bailey IA 1944979	
4-23-74		C97								CHANGE OIL & FILTER OIL SHELL 100W DETERGENT Jonnie Bailey A-P 1944979	
7-19-74		TACH 746								100 HR INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR 43 COMP CHECKED '78 '78 '78 '74 '75 '75/80 CLEAN & GAP SPARK PLUGS OIL & FILTER CHANGED SHELL 100W DET NEW EXHAUST MUFFLER PN 68718-00 Jonnie Bailey A-P 1944979	
9-25-74		TACH 774								ENGINE OIL CHANGED SUMP REFILLED WITH SHELL 65W DET Jonnie Bailey A-P 1944979	
2-5-75		TACH 847								100 HR INSPECTION COMPLETED THIS DATE COMP CHECK OK NEW SPARK PLUG LEAD CYL & LOWER OIL & FILTER CHANGED Jonnie Bailey A-P 1944979	
5-5-75		TACH 906.00								Oil Chg'd & Filter. 100W. No Leaks Sam Co A&P 2111289	Added 1 Qt Aeroshell R. Mabry
TOTAL TIME											

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

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Engine Serial .....

Date Year Mo. Day	R. P. M. Ground	R. P. M. Air	Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.	REMARKS	SIGNATURE
5-6-75	TACH		906.5			REPLACED ALL SPARK PLUGS WITH NEW REM 40E PLUGS.	James R Morey A&P 2111289
9-26-75	TTAE		948.51			100 Hr Inspection completed on the Engine this date. Compression Good. All Above 74/80 Rebuilt Alternator with New Stator, New Noise Suppressor, Timed Mags. OK Engine & Airworthy	James R Morey A&P 2111289
						Oil & Filter Chgd - Added 10 qt Aeroshell 50W. Chkd Screws	EBM
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
3-24-76 TACH 998.10 Oil & Filter Changed. Added 10 qt Aeroshell 40W.	James R Morey A&P 2111289
2-28-76 TACH 973 ANNUAL Inspection on Engine Performed as Per FAR 43 and found to be in Airworthy Condition. Plugs Cleaned & Gapped. Oil & Filter Changed. Added 10 qt Aeroshell 50W	James R Morey A&P 2111289
8-27-76 TACH 0469 Oil & Filter Changed. Added 10 qts Aeroshell 50W	James R Morey A&P 2111289

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 Year 77 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
1-	25-	77 TACH	1078.69 /	100 HR Inspection (Annual)					
			Performed on Engine and Found to						
			Be in An Airworthy Condition. —						
			A.D. 73-23-01 Lycoming N/A by Sfn. AD 74-						
			15-02 Hartzell Prop N/A by Blade "F" Designation.						
			Oil & Filter Changed. Added 10 qts Aeroshell						
			30 W. Replaced Vacuum Pump. A.D. 5 thru						
			77-01 Checked & Complied with Cylinder						
			Compression Good. Oil Sample taken & sent						
			in. Test Results Good. Cylinders inspected						
			with Bore scope - Good Condition. Plugs						
			Cleaned & Gapped. Cars Drained —						
			James R Marcy						
			IA2111289						
		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
5-20-77 TACH 1146.61 Oil & Filter Changed. Added 9 qts	
Aeroshell 50 W & Washed Eng.	James R Marcy
—	IA2111289
6-29-77 TACH 2383.32 100 Hr. Inspection Completed on	
Engine as Per FAR 43 and found to be in An	
Airworthy Condition. Engine Removed from	
AK N3554W with Tach of 1159.52. Installed	
into A/C N3291W.	James R Marcy
	IA2111289
7-27-77	
TACH 2395.32 OIL CHANGED, 10 QT AEROSHELL 50 WT	
ADDED	R. Jacobs
11-12-77 TACH 2405.95 OIL CHANGED, 10 QT AEROSHELL 40 WT	
ADDED	R.R. Jacobs

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 Year Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
8/12/78		Tach time		2445.91 Total time					
		CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL ~~100 HR.~~ INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION							
				El Bee Co		A-P107901			
		75-07-05		Mag Impulse		} complied with			
		77-12-08		Hartzell Prop.					
1-3-79		tach 2473							
		Installed new alt. belt, changed oil + filter				aeroshell #40W			
				William P Heltenberg A+P 2213510					
		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
3-10-79 changed oil + filter aeroshell #50W	
Tach 2520.55 removed governor model F4-4A S/N 2175-U	
Install remanufactured governor model F4-4A S/N 6281U see maintenance release #706 engine test run OK.	
William P Heltenberg A+P 2213510	
6-4-79 changed oil + filter aeroshell #50W	
Tach 2572.25 replaced exhaust gaskets on left side of engine, tightened loose nuts on engine	
William P Heltenberg A+P 2213510	

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 Year Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
June	15, 1979	Tach Time 2576.6		Cleaned bottom spark plug on No 2 cylinder and repaired lead end for same.					
				Ed Waddle					
July 6	1979	Tach Reads 2597							
		Repaired Magneto Harness - Cotter Rocks -							
		L.B. Hayes 2018524 1A							
Aug	23-1979	New Spark plugs. Compression Check - Oil Change New filter. Drained sumps - Cleaned screens. Checked Heat Muffs.							
		TOTAL TIME							

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

REMARKS	SIGNATURE
I Certify this ~~Aircraft~~ Engine has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition. Date: 9-23-79 Tach Time 2619.75	AW 78-23-03 N A by 3/4
L.B. Hayes 2018524 1A	AW 78-23-01 C/O -
Dec. 7-1979	
Oil Change Phillips YC - 20-50	
New Filter -	
Tach Reads 2668.1	
L.B. Hayes 2018524 1A	

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 Year Mo. Day	R. P. M. Ground	R. P. M. Air	Ground Time Hrs.	Ground Time Min.	Air Time Hrs.	Air Time Min.	Total Time Hrs.	Total Time Min.
10-1-80	Changed Oil (20W50) New filter - Cleaned screens, Cleaned and gapped plugs - Compression Check. Washed engine Compartment Tracked propellers							
	TTSMOH = 1494.84							
	I Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition. Date: 10-1-80 Tach Time 2717							
	[signature] 2018524 1A							
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
1.29.82. TACH READS 2835.9 CHANGED OIL & FILTER, CLEANED & GAPPED PLUGS COMPRESSION CHECK - TRACKED PROP. - DRESSED & PAINTED PROP - WASHED ENGINE - TEST RUN, LEAK CHECK - RETURN TO SERVICE	TTSM 1613.74
I Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition. Date: 1-29-82 Tach Time 2835.9	
[signature] 2018524 1A	

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 Year / Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
	3-2-83								

Replaced Spark plugs - Checked Compression - Rec Changed Oil Filter Replaced - Drained Sumps Replaced RH exhaust Stack. Replaced air intake Gaskets - Cleaned engine & engine Deck.

Engine
Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition.
Date 3-2-83 Tach Time 2871.1

L B Hayes 2018524 IA

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
12 APR. 84 TACH. TIME 2891.48, COMPRESSION TEST: #1 76/80 #2 76/80 #3 78/80 #4 74/80 #5 74/80 #6 77/80 CHECKED OIL FILTER, DRAINED OIL AND SERVICED W/ 11 QTS. PHILLIPS 20 W 50 X/C OIL, REPL. ALTERNATOR CONTROLLER, TIGHTENED ALTERNATOR BELT, STOP DRILLED CRACKS IN ENG. BAFFLE RING, SVC. HYD. RES. REPAIRED CARB. DE-ICE HEAT MUFF, REPAIRED #4 HEADER SET, INSP. HEAT MUFF, LUBED ENG. CNTLS, CLEANED, INSP. RE-GAPPED PLUGS, INSP. MAGS + CHECKED TIMING. REPL. PROP. W/ OVERHAUL (SEE YELLOW TAG) TO C/W 27-12-06- A.D's RESEARCHED TO DATE. I CERTIFY THIS ENG. HAS BEEN INSPECTED I/A/W 100 HRS. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Richard L. Tyk A+P 453-80-7030	Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition. Date 4-12-84 Tach Time 2891.48 Richard L. Tyk 453-80-7030 IA

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 Year ..... Mo. Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
			Engine Time 1687.88					

10 May 1985 Tach 2924.62 Changed oil filter & oil serviced with 11 qts 20/50 X/C. Cleaned & gapped spark plugs, cleaned ignition leads, lubbed all controls, cleaned air filter, replaced exist tubes to cabin, Replaced 2 lose rivets on heat muff Compression test Cold #1 72/80, #2 79/80, #3 64/80, #4 75/80, #5 76/80, & #6 74/80. Checked operation of all accessories, all ok. I certify this engine has been inspected IAW a 100 hr inspection & is in airworthy condition

[signature] A&P 2265 3183

I Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition.
Date 5-10-85 Tach Time 2924.62
[signature] 2018524 1A

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
april 29/86 Change oil at 2938.49	
6/3/86 TACH READS 2942 TT ENGINE → 1718 HRS. 100 HR INSPECTION — R&R CYLINDER NO. 3 — ALL OTHERS 74 & OVER — REPLACED PRIMER NOZZLE #2 CYLINDER — DRESSED PROP. PAINTED. CHECKED HEAT MUFF. CHECKED SCREENS AD'S TO DATE. — THIS ENGINE INSPECTED IAW A 100 HR INSPECTION AND FOUND TO BE AIRWORTHY	
[signature] HAYES	STS 829541 [signature]

Certify this Aircraft has been inspected in accordance with an annual inspection and was determined to be in Airworthy condition.
Date [illegible] Tach Time 2942.3
[signature] Hayes 2018524-1A

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 Year 89 Mo. 9 Day 25	R. P. M. Ground	R. P. M. Air	Ground Time Hrs.	Ground Time Min.	Air Time Hrs.	Air Time Min.	Total Time Hrs.	Total Time Min.
9/25/89	TACH TIME 2960.4		A/C TOTAL TIME 2960.4					
ENTERED 1236.4			ANNUAL INSPECTION COMPLETED THIS DATE 9/25/89					
CLEANED & REGAPED SPARK PLUGS			CHECKED MAG TIMING					
COMPRESSION TEST #1 78/80	#2 78/80	#3 78/80	#4 78/80	#5 78/80	#6 78/80			
ENGINE TEST RUN SATISFACTORY								

Engine Serial ..... N C .....

Date Year 91 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
Feb	5-1991	Tach Time 3050.17		100hr Insp.					
		Compression #5 Cyl 60/80 - Cyl Removed							
		+ Replaced w/Certified Nitrite Cylinder w/ new							
		Valves, Guides, Seats, Keepers, New Piston							
		+ Rings. Compression Rechecked #5 71/80, 1-75/80							
		2 80/80, 3 72/80, 4 80/80, 5 71/80, 6 79/80							
		Timed Mags, Braced + Stop drilled Baffling							
		Changed Oil + Filter (Min oil) Removed +							
		Replaced Propellor for 5yr inspection,							
		Cleaned + Serviced Bracket Air Filter, Set							
		Propellor Speed to Fact specks. Checked							
		All Hoses + Lines. Found Crack in RH							
		Exhaust + Welded. Check Muffler (Excellent cond)							
		AC Ret to Service.							
		TOTAL TIME							

Joe Pat Hale
4546673 41

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

ENGINE LOG

~~Date 11-14-91 Tach Time 3445.1~~ TAC 3112

REMARKS SIGNATURE

Complete Major Engine overhaul X
All Parts Certified To be within New Factory
Standards + Free of Cracks. Reconditioned
Parts include: Rods, Crankshaft, Chrome Cylinders,
Magnetos, Camshaft. Alternator, Intake Valves
New Parts include: Pistons, Rings, Main + Rod bearings
Piston pins, CTW Bushings + Pins, Exhaust valves, valve
guides, Keepers, Rod Bolts + nuts, Gaskets, hoses, Seals,
All internal Hdwe. New Oil Pump Impeller ~~[illegible]~~
Kit # PN05K19423S To Comply with Service
Bulitin #456C (includes LW18109 + LW18110 Steel impellers
+ 1pc Housing. Engin assembled according to
Lycoming Service manual. ~~Eng~~ with new baffling +
induction hoses, oil, filters. Engin Test Flown +
Returned to Service. Installed Rebuilt L+R Magnetos. Prop
O/H By Byam. Joe Pat Hale 4546673 41

— YELLOW TAGS IN REAR OF THIS LOGBOOK —

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Engine Serial ..... N C .....

Date Year 92 Mo. Day	R. P. M. Ground	Air	Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.
			Hobb 3453.9		
May 27, 1992	Tach 3120.1		TSMO		08.8 h

Cleaned and gapped Spark Plugs, ran compression check, cleaned air filter all cyl check 73/80 or better. Washed engine, checked exhaust and checked for oil leaks. I certify that this engine has been inspected in accordance with a 100 hr. inspection and is ready to return to service.

[signature] 456666892 IA

TOTAL TIME

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ENGINE LOG

93 REMARKS	SIGNATURE
	31
May 5, 1993 Tach 3143.46 TSMO	50.3 hr

Cleaned and gapped Spark Plugs. Check compression #1 78/80, #2 74/80, #3 76/80, #4 76/80 #5 76/80, #6 78/80, Weld repaired crack in the exhaust stand, Repaired cool heat muff by replacing the rivets. I certify that this engine has been inspected in accordance with a 100 hr inspection and was found to be in airworthy condition.

Dep Dept 456666892 IA.

2-19-94 Tach 3186 - Replaced air filter (next due 3647.0) R+R #5 for oil consumption, Installed O/H cyl DSM from Dep Dist (Sentry). Engine test Run okay

Dep Dept 456666892 IA.

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 Year Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
8-17-94		Tach	3173.2	TSMO		61 81.7	hr.		
		Cleaned and gapped spark plugs							
		check compression all cyl ckd							
		70/80 or better, inspected CHT, EGT wires,							
		serviced air filter. I certify that							
		this engine has been inspected in							
		accordance with an annual inspection							
		and was found to be in airworthy condition.							
		Dean Dayton 451666892 IA.							
		(C/w mag ad 94-01-03. R/c/w at O/H.)							
		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
11-4-96 Tached 3179.39 TSMO 70 87.8 hr.	
Cleaned & gapped Spark Plugs	
all cyl checked 70/80, or better	
on compression. Changed oil and	
filter, serviced with Aero Shell	
100. I certify that this aircraft	
has been inspected in accordance	
with annual inspection and is ready	
to return to service (cw AD 96-12-07 at Eng O/H.)	
Dean Dayton 456666892 IA	

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

Date Year 97 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
4	25	TACH	3198.97	DRAINED OIL, CUT					
				FILTER NO METAL FOUND. SERVICED					
		WITH 11QTS. AEROSHELL W 100 50WT. OIL.							
		PERFORMED COMPRESSION CHECK							
		#1-76/80 #2-76/80 #3-80/80 #4-79/80 #5-78/80 #6-80/80							
		Jerry Stone A&P 256 82 0862							
		TOTAL TIME							

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ENGINE LOG

REMARKS	SIGNATURE
5-12-97	
Replaced eng driven fuel pump and hoses to and from pump. Replaced oil cooler lines. IAW AD 85-26-13.	
[signature] 205529257 DA	

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 Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
TOTAL TIME									

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ENGINE LOG

REMARKS	SIGNATURE
19 DEC 1997 TT 3,394 HRS (MACH) 18 HRS SMOH 100 HR. INSP. COMPLETED. COMP TEST MADE, PLUGS CHKED. SERVICED, NO OIL CHANGE, NEW OIL. AIR FILTERS, MAGS-TIMING, STARTER, ALTER, MUFFS. MUFFLER CHKED. CYL WASHED. #1,3,5 EX- GASKETS. NUTS REPLACED. MUFFLER REINFORCED, SHROUD SHIFTED. RUN UP. OK. SIGNED I certify that this aircraft has been inspected in accordance with a 100 HR inspection and was determined to be in air- worthy condition. R. MacVicar A.P. 864405	

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 Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
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
11 DEC 1998 TT 3420 HRS (EACH) 308 SNOH	
100 HR. INSP. COMPLETED COMP TEST OK'D, PLUGS REPLACED - NO DISCREPANCIES	
NEW OIL FILTER, NEW AIR FILTER CART. MAGS - TIMING, STARTER, ALT	
MUFFS - MUFFLER CHKED, CYL. WASHED	
I certify that this ~~aircraft~~ engine has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition. R MacVicar A&P 864408	

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 Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
TOTAL TIME									

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Lincoln Park Aviation

LPA

Engine Log Book entry
N3291W

MAINTENANCE RELEASE

Replace right side exhaust riser,stack asy with new Part K65039-00 Part ID# 71399/P14745 manufactured by Part Exchange.
6 new exhaust gasket installed.

The aircraft, airframe, aircraft propeller, engine identified above was repaired and inspected in accordance with current manufacturer's maintenance manuals and pertinent Federal Aviation Regulations and is approved for return to service. The details of the repair are on file under

Work Order No. 1257 Date 8-24-99 Tach 3531.91

Inspector INSPECTOR #2

Authorized Representative for:

Lincoln Park Aviation
425 Beaverbrook Road, Lincoln Park, NJ 07035
CRS# LKPR101K

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

Engine Serial .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
TOTAL TIME									

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ENGINE LOG

REMARKS	SIGNATURE
17 DEC 1999 TT 3559 HMS (TACH) 447 SMOH 100 HR INSP COMPLETED. COMP TEST MADE, PLUGS CHKED. SERVICED. NO OIL CHANGE (CONTINE) FILTER CHANGED, CHKED OK MAGS-TIMING, STARTER, ALT. MUFFS. MUFFLER CHKED. ENG WASHED. POINTS RESET IN L.H. MAG. ADJ 96-11-7 INP. VLVE RECHKED OK #3, 4, 5 ROCKER GASKETS & #5 ROCKER COVER REPLACED. VACUUM PUMP GASKET. BASE GASKETS REPLACED. COOLER BRACKET. AGM BAFFLE REPAIRED. CONE SEAL REANCHORED, NEW CABS FILTER CART. RUN UP OK. I certify that this ~~aircraft~~ engine has been inspected in accordance with a 100 HR. inspection and was determined to be in airworthy condition. R MacVicar A&P 864408	

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

AD - 75-07-05 Mag Impulse
El Berg
AD - 77-12-06 Hartzell Prop.
Unicain

MAINTENANCE RELEASE

TYPE OF UNIT Propeller

MANUFACTURER Hartzell

MODEL HC-C2YK-1BF/F8477-2 SERIAL No. CH-641

The component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under

WORK ORDER No. 49561 DATE 8-21-73

SIGNED K E Maxwell FOR

MAXWELL AIRCRAFT SERVICE, INC.

CRYSTAL AIRPORT • ROBBINSDALE, MINN. (over)

FAA Approved Repair Station No. 3725

AIRCRAFT

OWNER

and Released.

Airworthiness Directives & Bulletins complied with thru AD 77-12-06

Pitch Setting: High 33.6 Low 12.0