



ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 22-4152 N330KR

ENGINE MODEL AND SERIAL Lyc 0320 S/N 4462-27 *Sensenich*
M74DM-60 S/N 24585

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__				
APR 6, 2024			Tach. Total 2791.3 hr. SMOH 485 hr. Comp. $179 \frac{277}{80}$ $377 \frac{377}{80}$ $477 \frac{377}{80}$	4780
A & R	Air Filter		B.A-4108, Changed oil & Filter CH48108-1/Phillips Victory	100 AW 50 W.
Cleaned, Lubed	oil cooler mount.		inspected per Piper inspection Form Report. Repaired cracked left	
with a 100 HR			inspection and found to be in Airworthy Condition. I certify that this engine has been inspected in accordance with a 100 HR inspection and found to be in Airworthy Condition. Kendal Model 3347562 A & R	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			APRIL 17, 2020 TACH + TOTAL Time 2658 hours (342 SMOH)	
			Muffler Repaired by Dawley Aviation w/0120128. R & R Bracket Air Filter BA-4108. Compression check #1 79/80 #2 76/80 #3 72/80 #4 76/80. Tightened Rocker drain tube clamps. Replaced Exhaust gaskets. I certify Engine cleaned and inspected per Piper Inspection Report.	
			I Certify This Engine has been inspected in accordance with a 100 HR Inspection and found to be in Airworthy Condition. Kendall Moeller A+P 3047562 AI	
			OCT 31, 2020 Tach + Total Time 2685 hr. (369 hr SMOH) changed oil with Aeroshell W100 Plus. Sent in Oil Analysis sample. Kendall Moeller A+P 3047562 AI	
			APR 08, 2021 (Tach + Total Time 2703 hr.) Changed oil with Aeroshell W100 Plus. R & R Oil Filter CH48108-1. R & R Bracket Air Filter element BA-4108. clean & inspected engine IAW Piper inspection report. Comp TEST #1 78/80 #2 78/80 #3 79/80 #4 78/80. Inspected Muffler per AD 68-05-01, Amend 39-726 (due at 2803 TT.) I certify this engine has been inspected in accordance with a 100 hr. Inspection and found to be in Airworthy Condition. Kendall J. Moeller A+P 3047562 AI	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			NOV 25, 2021 TACH and total time 2728 hrs. (412 SMOH)	
			Changed oil with Phillips Victory 100 AW 50W. Oil Analysis sample submitted. Kendall Moeller A+P 3047562 AI	
			APR 08, 2022 Tach + TOTAL Time 2740 hr. 424 hr SMOH. changed oil with Phillips Victory 100 AW 50W. R & R oil filter Champion CH 48108-1. R & R Air Filter Bracket Element BA-4108. COMP TEST #1 79/80 #2 76/80 #3 78/80 #4 79/80. Inspected Muffler per AD-6805-01 Amend 39-726 (due 2840 hr) cleaned & inspected engine IAW Piper inspection report. I certify this engine has been inspected in accordance with a 100 hr. Inspection and found to be in Airworthy Condition. Kendall J. Moeller A+P 3047562 AI	
			Feb. 16, 2023. TACH and total Time 2766 hrs. (450 SMOH) changed oil with Phillips Victory 100 AW 50W. Kendall Moeller A+P 3047562 AI	
			APR 02, 2023. Tach and total Time 2768.57 hr. Compression $\frac{1) 78}{80}$ $\frac{2) 77}{80}$ $\frac{3) 78}{80}$ $\frac{4) 78}{80}$. R & R Bracket Air Filter element BA-4108. Inspected Muffler per AD 68-05-01 Amend 39-726 (due 2868) cleaned & inspected per Piper Inspection Form. I certify that this engine has been inspected in accordance with a 100 hr. Inspection and found to be in Airworthy Condition. Kendall Moeller A+P 3047562 AI	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
FEB 01, 2016			TACH = TOTAL Time 2496.98 hr. 180.83 hr SMOH. Comp 72/80 73/80 73/80 74/80. Engine inspected, cleaned & lubed per Piper Inspection Report. I certify that this Engine has been inspected IAW an Annual Inspection and found to be in Airworthy Condition. Prop cleaned & Painted. Kendall Maden A+P 3047562 AI	
DEC 26, 2016			TACH = TOTAL Time 2514.21 hr. Oil change with Philips 20W-50. Approved for Return to Service Kendall Maden A+P 3047562 AI Installed Air Filter Element (Brackett BA-410B),	
MAR 04, 2017			TACH = TOTAL Time 2516.99 hr. Comp 75/80 71/80 73/80 74/80. Inspected & Cleaned & Lubed per Piper Inspection Report. I certify that this Engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition. Prop cleaned & Painted. Kendall Maden A+P 3047562 AI	
11-27-2017			TACH AND TOTAL Time 2536.33 hr. Changed Oil Filter Champ. on CH48108-1. changed Oil Aeroshell 100W Plus. Ran engine for leak check. Engine Approved for Return to Service, Kendall Maden A+P 3047562 -AI-	
03-15-2018			TACH and Total Time 2549.13 hr 232.98 hr SMOH. Repaired crack on Right Oil Cooler Mount with weld. COMP. 74/80 72/80 73/80 75/80. R+R Bracket Air filter BA-4108. Removed Delco-Remy Starter Mod 1109657 and installed SKY-TEC Mod 122-NE Starter.	

W+B revised and noted in Flight Manual. Inspected, cleaned, and lubed Engine for Piper Inspection Report. I certify this Engine has been inspected IAW an Annual Inspection and found to be in **MAINTENANC** Airworthy Condition.

FAA - PMA

This tag certifies that Sky-Tec Model No. **122-NL**
 Serial No. **CN-441219** was manufactured new on 06 Nov 2013
 by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 7 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy.
 For installation eligibility see www.skytecair.com/eligibility.htm
 Starter Installed on **N 330KR** by Kendall Maden
 (Aircraft) (Mechanic)

Form CC1108-1

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS	10ths		
5-3-18		TACH = TOTAL TIME 2560.3 hr. OIL CHANGED WITH PHILIPS 20W-50, oil ANALYSIS sample sent in. Kendall Maden A+P 3047562 AI	
8-8-2018		Replaced Bracket Air Filter BA-4108. Engine run Aircraft Propeller Works, Inc. See Form 8130-3 dated 8-8-18. Installed Prop after Overhaul by and Propeller M74DM-60 s/n 24585 approved for return to service. Kendall Maden A+P 3047562 AI	
4-15-2019		TACH = TOTAL Time 2608 hrs. Engine 291.85 SMOH. Repaired Exhaust stack tab with weld. R+R Champion (8) spark plugs REM38E with new. changed oil with Aeroshell 100W and Champion CH48108-1 oil Filter. R+R Bracket Air Filter BA4108. R+R Muffler Shroud clamp #N18116-005 due to cracks found in clamp. Comp 1/74/80 2/73/80 3/73/80 4/75/80 Propeller reinstalled after corrosion repair by Aircraft Propeller Works, Inc. SEE Release 4-17-19 I certify this Engine has been inspected IAW a 100 hr. Inspection and found to be in Airworthy Condition. Kendall Maden A+P 3047562 AI	
9-24-2019		TACH = TOTAL Time 2633 hours. Oil changed with Aeroshell 100W Plus. Oil Analysis sample sent in for trend record. This Engine Approved for Return to service. Kendall Maden A+P 3047562 AI	
3-1-2020		TACH = TOTAL Time 2658 hr. changed oil with Aeroshell 100W Plus and Filter with Champion CH48108-1 oil Filter. Eng run & checked. Kendall Maden A+P 3047562 IA	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Sept. 07, 2012			TACH time 2316.36 TOTAL time 2316.36 SMOH I certify That This Engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy Condition. KENDALL MOELLER A+PIA 3047562 Kendall Moeller	0.21 hr.
DEC 06, 2012			TACH 2341.12 SMOH 24.97 hr. CHANGED Oil with Phillips X/c Aviation SAE 20W/50. cleaned oil SCREEN. Engine APPROVED FOR RETURN TO SERVICE Kendall Moeller A+PIA 3047562	
APRIL 03, 2013			TACH 2359.57 SMOH 43.42 hr. TOTAL time 2359.57 Changed oil with Phillips X/c Aviation SAE 20W/50. cleaned oil Screen. Engine APPROVED for Return to Service. Kendall J. Moeller A+PIA 3047562 I Certify That This Engine has been inspected IAW AN ANNUAL INSPECTION and was found to be in an Airworthy Condition. Kendall Moeller A+PIA 3047562	
DEC 05, 2013			TACH/TOTAL time 2388.31 hr SMOH 72.16 hr. Changed oil with Phillips X/c Aviation SAE 20W/50. Screen checked - Installed B+C Mod. BC200 Oil Filter Adaptor Kit per STC SE 00825WI Rev. Date 4/4/07. Lube & checks per Piper Inspection Report. Comp. #10#27480 #3#47280. Continued ↓	

Continued
Dec 5, 2013
I certify that this Engine has been inspected in accordance with AN ANNUAL INSP. and was found to be in Airworthy Condition. Approved for Return to Service.
Kendall J. Moeller

MAINTENANCE RECORD A+PIA 3047562

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
MAY 12, 2014			TACH + TOTAL Time 2418.68 hr. Changed oil with Phillips X/c Aviation SAE 20W/50. Leak checked. Engine APPROVED for Return to Service. Kendall Moeller A+PIA 3047562	
CT 22, 2014			TACH + TOTAL Time 2438.75 hr. changed oil with Phillips X/c Aviation SAE 20W/50. Champion oil Filter CH 48108-1 changed + satisfied. Leak check. This engine approved for return to service. Kendall Moeller A+PIA 3047562	
JAN. 05, 2015			TACH + TOTAL TIME 2455.72 hr. COMP #1) 72/80 #2) 72/80 #3) 74/80 #4) 74/80 (SMOH) Inspected, cleaned & Lubed per Piper Inspection Report. I certify that This Engine has been inspected in Accord. with an Annual Inspection and was Found To be in an Airworthy Condition. Kendall Moeller A+PIA 3047562 IA	137.57
MARCH 30, 2015			TACH + TOTAL Time 2462.84 SMOH 146.98 hr. Changed oil with Phillips X/c Aviation SAE 20W/50. Engine APPROVED for Return to Service. Kendall Moeller A+PIA 3047562 IA	
OCT 25, 2015			TACH + TOTAL Time 2490.75 hr. Changed oil with Phillips X/c SAE 20W/50. R+R Champion oil Filter CH 48108-1. Oil Sample sent for Analysis as Base line reading only. Engine Approved for Return to Service. Kendall J. Moeller A+PIA 3047562 IA	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths			
			See work order / Metal Re-Bushel. see maint release tag. 2496 → Magna Fly Part Check elect. Reflow MIO - 4-43 One hand check elect by SCI		
			crankcase cleaned; Followy Parts Installed. 8- Sxclt - 15B21319 8- Hyd out - SL 78290 8- Hoxclap 8- Mc + clap 2 gear 61278 - 2nd 1- gear 68639 (Sewells) 1 gear crank clapt. 61155 8 Rad nut SL 72186 8 Rad Bot SL 78027 2 Bearings SL 13884 MIO 4 - SL 5701791 Bolt	1- Tail Shaft - 68757 1 Pin - 1199 1 Oil pump kit - 05K194335 1- Housing oil pump 78528 8- Hyd unit body - SL 72872 1- gear set 69371-1 4 Pin & Pin 4W13445 8 Plugs 60828 4- Bearings SL 68763A - MIO 8- Bearings SL 61662 - MIO 4- Intake Hose 4- oil Hose.	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths			
			1 Metal Flut bit 666-915 1 Venturi 46F10 1 nut/wb. 2 fast 233-615 1 nozzle 229-587 1 gasket 16-222 1 gult 16-B45 1 gult 16A107 2 nut .78121	1- Seal 78.184 1 Pulg 44-49 1 wuln 78-388 3 carb pin 2- 10-357123 Brake ms 2- 10 51676 Guder 2 oil Seal	
			Ray O Beren A2P 2040694		
AUG 27 2012	TOTAL Time 2316:36		0.21 SMOH		
	Tech Time 2316:36		INSTALLED NEW CHAMPION SPARK PLUGS REM38E (8 total plugs)	Kendall Mault A2P 3047582	
Aug 27 2012	Total + Tech Time 2316:		Installed BRACKET Air Filter Element NW 8A410B. INSTALLED Repaired Moto. Mount - See Yellow tag - (3-27-97) Repair station 36 INSTALLED Overhauled Exhaust ³⁶ - See yellow tag (9-30-97) Repair station Prev. (W AD 68-05-01 Tech 2316.15 Kendall Mault A2P 3047562		
Aug 27 2012	Total Time > 2316:36		Installed Repaired or Re-Conditioned Prop - Jensenich Mod. M74DM-6c S/V 24 585 (Marweh Air Service) ³⁶ See yellow tag Kendall Mault A2P 3047562		

MAINTENANCE RECORD

S/D 4462-27

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>97</u>				
7/10			<p>Engin Total Time <u>2316:15</u> <u>SMOH O</u> TACH 2316.15</p> <p>This Engin was overhauled per Lycoming Overhaul manual. 60294-7 See the fueling Part of list</p> <p>Crankshft. Crankshft. Se. M10 see manual refer to</p> <p>Crankshft. EEP N.W. " "</p> <p>All steel Parts magnafluxed</p> <p>old Alum Part Zypa see manual.</p> <p>modify C/S gear 6155 per Lgc. In B # 475 B 6 CW AD</p> <p>CW AD 96-12-07 Mag note Expedite Crankshft</p> <p>CW AD 93-19-04 Carb. Float CW SI 10981F Crankshft</p> <p>CW AD 93-18-03 Carb. Valve CW SB 475 B Crankshft gear.</p> <p>CW AD 91-14-22 Crankshft gear Bolt.</p> <p>CW AD 96-09-10 Oct plug gear.</p>	

ENGINE LOG



PIPER AIRCRAFT CORPORATION

April 12, 1989 - Annual Inspection + Time on tach is 2,248.03 hrs. and is the total time. Time since Major overhaul is 985.03 hrs. Check carb. finger screen, change oil to 20W-50 I.C., oil screen cleaned. Check spark plugs and mag timing. AD 63-23-02 Exhaust valves & guides does not apply as cam shaft P/N 71167 was installed at major compression on cylinders # 1 & 4 is 74/80; # 2 - is 73/80 and # 3 - 75/80.

I certify that this **POWER PLANT** has been inspected in accordance with **FAA** inspection and was determined to be in airworthy condition.

RICHARD R. GARRETT
A&P 1096569 I. A.

ENGINE LOG

Engine Time	Recorder Reading	Maintenance
Brought Forward		
		MAY 27, 1989 Change oil 20W-50 I.C. oil screen cleaned TACH 2,234.80
		Sept. 5, 1991 AIRCRAFT AIRWORTHY in compliance with A Special Flight Permit for a flight from Oklawaha, FL to Oklawaha, FL Ronald W. Farnum A&P 4765067200

and Remarks	Signature	Certificate No.
May 17 1993 Aircraft in compliance with a special flight permit and cleared for a flight from Oklawaha, FL to Powell City, Iowa Ronald W. Farnum		476 506 7200 A&P
TACH 2316.15		

ENGINE LOG

June 12, 1986 Annual Inspection - Time on tach is 2,188.15 hrs. Check Carb. Finger screen, install new bowl gasket, primary venturi, and Aux pump in carb. Install new coil, Dist. block, points and condenser in left mag. Compression on cylinder 1 - 76/80; 2 & 4 - 75/80; and on 3 - 78/80.

certify that this Power Plant

in accordance with a Annual inspection and was determined to be in airworthy condition.

RICHARD R. GARRETT
A&P 1096569 I. A.

Richard R. Garrett

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward			
	has been inspected			

Total To Carry Forward

and Remarks	Signature	Certificate No.
	<i>Richard R. Garrett</i> RICHARD R. GARRETT A&P 1096569 I. A.	1988 Annual Inspection - Time on tach is 2206.42 hrs. Change oil, 20W-50 non-det. oil added, clean oil screen, check exhaust system as per carb. finger screen, check mag timing. Compression is 77/80; #1 - 70/80; #2 - 75/80; #3 - 65/80 & #4 - 77/80.

I certify that this Power Plant has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Certificate No.

March 14, 1983 Annual Inspection Time on tach is 2,106.17 hrs. Check fuel & oil screens, check compression and it is 72/80 to 74/80.

I certify that this

Power Plant

has been inspected

in accordance with a

inspection and was

determined to be in satisfactory condition.

RICHARD R. GARRETT

A&P 1096569 I. A.

Signature



July 14, 1983 Time on tach is 2,126.38 hrs. Install new 18

MM spark plug helicoil in bottom of # 2 cylinders, clean oil

screens, clean spark plugs, carb. finger screen cleaned.

Comply with Bendix Service Bulletin # 599B paragraphs 1 thru

8, this complys with AD 78-09-07 on Bendix S4LN-21 S/N 469309

check every 500 hrs also complied with AD 82-20-01 Bendix

Service Bulletin # 623 paragraphs 1 thru 8, add impulse

flyweights, O.K. Remove and check Exhaust as per AD 68-05-011

paragraphs (A)(6) & (7). Repair Snoud from heater muff to

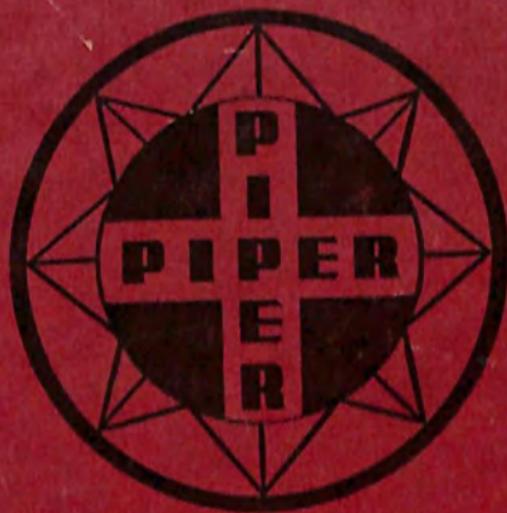
carb. heats

RICHARD R. GARRETT

A&P 1096569 I. A.

and Remarks

ENGINE LOG



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
11	14	Change oil		T.T. 1976:22		mob. 1-Grade 65, 30wt, 8 qts			
DATE: 6/1/78		TACH: 1981.39		TOTAL TIME: 1981.39		6/1/78 TAKE TO TAKE COMPRESSION 8 SPARK PLUGS. 12 SIN 469309 TIME. TIME MINS MOBIL 3AE 50 ST - FOUND NONE. CHECK FOR PROPER CITY AERONAUTICS,			
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. W. G. SIGNED [Signature] FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA. FAA APPROVED REPAIR STATION # 304-43</p>									
11	25	Change oil		T.T. 1995:01		mob. 1, Grade 65, 30wt, 8 qts.			
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1958, as amended, and is punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
AC TIME: 1981.39 SUCKE MASOR: 748.39. DIFFERENTIAL TEST: ALL CYLS. TEST 78/80 OR BETTER. CLEAN & REPAIR INSPECT IMPULSE COUPLING ON LEFT MAGNETO, PH 10-51360 PER PAR (C) AD 78-09-07. OK. NEXT DUE @ 1981.39 TOTAL TO ENGINE. CHANGE OIL - FULL QUANT W/ 8 QT MINERAL CLEAN SCREEN & CHECK FOR METAL. INSTALL NEW LEFT MAGNETO "P" LEAD. TEST RUN & OPERATION - OK. W. G. SIGNED [Signature] FOR CHARLES CITY, IA. FAA App. R.S. # 304-43.	

Date		R. P. M.		Ground Time		Air Time		Total Time			
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.	
76	10	31	Change oil		T. T. 1961:58		Mobil, Grade 65, 30wt, 7qt.				
DATE: 5/10/77		TACH: 1964.70		TOTAL TIME: 1964.70		5/10/77 TACH & TOTAL		SLIP TEST: ACC Cyls		CLEAN BOTH OIL & SCROOKS	
I CERTIFY THAT THIS		ENGINE HAS BEEN INSPECTED IN		ACCORDANCE WITH ANNUAL		INSPECTION AND IS		DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED		FOR RETURN TO SERVICE. W. O. # 173	
SIGNED: [Signature]		FOR		CHARLES CITY AERONAUTICS, CHARLES CITY, IA.		FAA APPROVED REPAIR STATION # 304-43		CHARGE OIL - FULL		& ADJUST IDLING.	
										APPROVED R. S. #	

REMARKS	SIGNATURE
<p>TIME: 1964.70 TIME SINCE MAJOR: 731.70 DIFFERENTIAL COMPRES-</p> <p>TESTED 76/20 OR BETTER. CLEAN & REGAP 8 SPARK PLUGS.</p> <p>& CHECK FOR NOTAL - FOUND NONE. INSTALL NEW FRONT</p> <p>AND NEW CARB HEAT PROTECT. SERVICE AIR CLEANER.</p> <p>Scamp w/ 8 qts MOBIL SAE 50 STRAIGHT MINERAL. RUN ENGINE</p> <p>WORKING SHOP INSPECTOR FOR CHARLES CITY AERONAUTICS, FAA</p> <p>304-43.</p>	

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

Year 76
 Mo. 10 Day 26 Ground Change oil Air
 T.T. 1934.05 Mobil Grade 65 30 wt.

I certify that this engine has been inspected in accordance with annual inspection and was determined to be in air-worthy condition.

Lyle Kyle # 148501

Date 4/29/76

1940.40 Tach Hours, & 148501 Total Hours

Clean & repair 8 spark plugs. Install new ignition harness. (Bundy Blue) Service air cleaner, install new rocker box cover gaskets - #3 & 4 cyls. Inspect muffler new AD 68-5-1 found OK. Next insp. per AD 68-5-1 due at 1940 Tach time. Test run & check for leaks & proper operation. OK.

TOTAL TIME X WR Kyle HP 2109238 JA

REMARKS	SIGNATURE
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5/14/76 1942.47 TACH TOTAL TIME 148501
 New muffler. Next insp. per AD 68-5-1 due at 2042.47. WR Kyle HP 2109238 JA

Date 74 R. P. M. NC
 Year 74 Ground Air
 Mo. 10 Day 20 Ground Changa 011 Air TT 1909.77
 Hrs. Min. Hrs. Min. Hrs. Min.

7 qts Mobile Oil Grade 65-30wt
4/16/75

I certify that this engine has been inspected in accordance with annual inspection and was determined to be in air-worthy condition.
 Lyle Kyle JA 3148001
4/16/75 Date
1913.42 Total Time
Tach Hour 1913.42

TACH: 1913.42 TOTAL: 1913.42
DIFFERENTIAL COMPRESSION CHECK: All cyls checked 18/80 OK BETTER. CHANGE OIL - FILL SUMP WITH 8 QTS MOBIL SAE 50 NON-DISPERANT. CLEAN OIL SCREEN & CHECK FOR METAL - FOUND NONE. CLEAN & REGAP 6 REM 40 E SPARK PLUGS. INSTALL 2 NEW REM 40E SPARK PLUGS. REPLACE 4 ROD END COVER GASKETS (W AD 74-26-09 BY INSTALLING SILD STEEL DRIVE SHAFT BUSHING) AS PER PAR C. TIME NEEDED TO ENGINE. RUN ENGINE & CHECK FOR LEAKS & PROPER OPERATION.

TOTAL TIME FOR LEAKS & PROPER OPERATION.
 NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG
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REMARKS

SIGNATURE

THIS ENGINE IS APPROVED FOR RETURN TO SERVICE. W. Kyle HOP 2109238

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		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
72	12	19	Change oil 6 qts		1	18	02	Shell	Grade	65
TOTAL TIME										

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ENGINE LOG

REMARKS	SIGNATURE
12 SEPT. 73 AFT TACH READ. 1896. 100 HRS COMP. PER GARMIN MANUAL & INSP REPORT OIL DRAINED PRESS + SUCTION SCRAPERS CLEANED + SPRAYED WITH 7-11 80 APPROX 100 PUSH SCRAPER IN CARB + STAINLESS EX. CLEANED RE-INSTALL IN CARB. BOWL DRAINED + PUSH SYS WORK OK. CYL. DIFF COMP. 4/8/74 12 SEPT 72 17 3 SEPT 79 14 48/72 4 HRS REM 40R PLUGS INSTALLED + 4 PLUGS CLEANED + GRIPPED. BOTH MAIN PUSHION NEW COIL + POINTS + SEAL HT. MAG. RH. 14 MAG. POINTS SEAL + SEAL BUSHINGS + LUBED BOTH MAG. & RE-INSTALLED + TIMED. TO 25. ENGINE WAS DOWN 4 HRS PER CABINET INSTALLATION	
Time since major O.H. 663.00	
AIRWORTHY	
"I certify that this engine has been inspected in accordance with a 100 HR inspection and was deter- mined to be in airworthy condition."	
Leon A. Fahringer 1230509	

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Year Mo.	Day	R. P. M.		Ground Time		Air Time		Total Time	
		Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
5	20	Change oil 6 gts.		TT	17	28.93	Red band	Mobile oil	
6	19	Change oil 6 gts.		TT	17	54.12	Red band	Mobile oil	
7	20	Change oil 6 gts.		TT	17	80.50	Red band	Mobile oil	
8	4	Change oil 6 gts.		TT	18	09.33	Red band	Mobile oil	
10	15	Change oil 6 gts.		TT	18	37.72	Red band	Mobile oil	
10	31	Down for annual			18	50.64			

TOTAL TIME

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REMARKS

SIGNATURE

August 9, 1972 tach 1850.64
 Inspected: Spinner, Propeller, Engine
 Lubed: oil change 8 gts. Texaco 50 D.
 Replaced: Push rod tube seals, Exhaust stack.
 Misc: Differential Compression test all 80/79
 I certify that this Engine has been
 inspected in accordance with a 100 hr.
 inspection and determined to be in airworthy
 condition.
 Michael D. Podhajsky AIP # 2048592

by Civil Penalty.

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
69	10-30	TACK	READING	16	36:00				
AIRWORTHY									
Date		ROCKAIR MH - 1		Dif. Cly. Press		I CERTIFY THAT THIS ENGINE			
10-30-69						HAS BEEN INSPECTED IN ACCORDANCE WITH AN			
Tach Time						ANNUAL INSPECTION AND WAS DETERMINED TO			
1636:00						BE IN AIRWORTHY CONDITION.			
1. 80-72		4. 80-72				Fred Heidlbauer A & P. A. 1245387			
2. 80-72		5.				DATE 10-30-69			
3. 80-74		6.				Fred Heidlbauer, A&P, 1245387			
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1928, punishable by Civil Penalty.

REMARKS SIGNATURE

10-30-69 WASHED DOWN ENGINE AND COUPLING. CHANGED OIL. CLEANED ENGINE OIL SCREENS. INSTALLED CRANKSHAFT FRONT WELTCH PLUG. INSTALLED NEW CRANKSHAFT OIL SEAL. INSTALLED NEW ROCKER BOX GASKET ON #3 CYLINDER. INSPECTED ENGINE ELECTRICAL SYSTEM. INSTALLED NEW SET GENERATOR BRUSHES. INSTALLED DELCO-REMY OVERHAULED STARTER EXCHANGE SER#32002 OVERHAUL CARD IS IN BACK OF LOG BOOK. INSPECTED EXHAUST AND HEATER SYSTEM. INSTALLED NEW EXHAUST STACK GASKET ON #3 CYLINDER. INSPECTED ENGINE CONTROLS. REMOVED THROTTLE CONTROL AND FRIED UP CABLE DRAG. STONED NICKS OUT OF PROPELLER BLADES. REPAIRED ENGINE COUPLING. RUN CYLINDER DIFFERENTIAL PRESSURE CHECK. ALL OTHER ROUTINE MAINTANCE HAS BEEN COMPLETED

Fred Heidlbauer
A & P 1245387

ENGINE LOG

REMARKS

SIGNATURE

9-1763 - Completed Inspection this date.
 Changed oil - Cleaned oil screen - Checked
 for plugged vent in crankcase - Repaired
 oil leak - Engine cranked - Plugs cleaned
 & gapped all oil & fuel lines checked.
 Exhaust system & baffles inspected.
 New brake cable - Packing holes, new bushes in starter
 Raw Compressor check -

#1 cyl - 66/77 #2 cyl - 72/76
 #3 " 75/78 #4 " 63/75

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INS-
 PECTED IN ACCORDANCE WITH FEDERAL
 INSPECTION AND WAS DETE- Pseudo
 AIRWORTHY IN CONDITION. DATE - 9-1-63
 BE IN

Harry Gentry AFI #1228064

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

Annual Inspection for release this
date - 3-3-63

Repaired: missing gen. locking bolt -

oil line seal -

mag timing off 6°. Cracked float
level in carb. Plugs cleaned
& gapped. All fuel & oil lines
checked - Engine washed.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INS-
PECTED IN ACCORDANCE WITH A Periodic
INSPECTION AND WAS DETERMINED TO BE IN
AEROWORTHY CONDITION. DATE 3-3-63

Harry Buffing A/T

#1228964

ENGINE LOG

REMARKS

SIGNATURE

3-12-62

TT 600.93

Periodic inspection completed
this date. Changed Oil. Cleaned
Oil screen, replaced Oil screen
gasket, replaced Crankshaft Oil
Seal. Cleaned & regapped spark
plugs. Checked Engine Mount.
Exhaust system, fuel & oil
lines

Harry Guffey

94E 1228964

NOTES

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.
61	10 12	to	11/12	364	15	26	15	390	15
	11/12	to	12 31	390	00	10	15	400	15
6-5-61	Recording Tach Reading							472	01

TOTAL TIME

ENGINE LOG

REMARKS	SIGNATURE
6-5-61 TT 472:01 Periodic inspection completed this date, changed oil, cleaned oil screen, washed engine down cleaned & regapped spark plugs. Rebuilt generator installed incoming factory baffle brackets checked engine mount, exhaust system, fuel & oil lines, mag points & engine baffling	Harry T. Jupp A+E 1228964

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.
5/27	to 6/27			2 14.6		25.3 hrs		239.9	
6/27	to 7/30			239.9		26.4 hrs		266.3	
7/30	to 8/24			266.3		30.0		296.3	
8/24	to 9/20			296.3		40.4		336.7	
9/20	to 10/12			336.7		27.4		364.15	

TOTAL TIME

364.15 time since last 100, 149.55

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

ENGINE LOG

REMARKS

SIGNATURE

10/12/10 100 Hr. Inspection completed. Oil changed. Engine time from hour meter 314.4 hrs. Engine currently
 Carroll D Hill
 27-1-9975

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
5	27							2	14.6
6	27	2.5 hr	Inspection	25	30			2	39.9
7	30	2.5 hr	Inspection	26	41			2	66.3
8	24	2.5 hr	Inspection	30	00			2	96.3
9	20	2.5 hr	Inspection	40	4			3	36.7
16	12	2.5 hr	Inspection	27	4			3	64.15
TOTAL TIME									

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

ENGINE LOG

REMARKS	SIGNATURE
5/27/60 100 Hr. periodic inspection completed. All notes 59-16-2 previously checked. No other applicable AD notes thru 60-10. Engine total time from log book & hourmeter 214.6 hrs.	Carroll A. Dick JA 419978

ENGINE LOG

REMARKS

SIGNATURE

I certify that this ENGINE has been inspected
in accordance with periodic inspection and has
been found airworthy.

Signature

Wm. B. Julius

Cert. #

1A-139130Time in Service 107 HoursDate of Inspection 19 AUGUST 1959

PIPER CERTIFIED SERVICE

Swingle Aviation Company

Port Columbus

Columbus 19, Ohio

Lycoming Service Bulletin

#254A - Part III Complied

with - Julius

ENGINE LOG

REMARKS

SIGNATURE

next periodic due 8/15/58

Wesley J. Hines
IA 613432

I certify that this Engine has been inspected
in accordance with periodic inspection and has
been found airworthy.

Signature Wesley J. Hines Cert. # IA 1246026Time in Service 122.5 HoursDate of Inspection 8-14-58

PIPER CERTIFIED SERVICE

Swingle Aviation Company

Port Columbus

Columbus 19, Ohio

NOTICE:—Making a

Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

Sept 26-56

7.5 hr insp. (as Piper suggested check list)
 changed oil, cleaned with gas screens,
 checked magnet, checked accessories, water in
 battery. Reset falling. John J. Ziegler
 H+E 12775941

7-21-57 Engine repaired by Clydesdale
 Aircraft Corp. this date. Engine was reinstalled
 on 4/2 this date & prepared for periodic inspection
 per to parts list dated for new
 parts installed

Wesley S. Strines AOK 124602

12/1/57 100hr periodic inspection completed this date -
 all applicable AD's thru 59-13 Cw - Engine found to be
 Airworthy in compliance with FAR. this date. (over)

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

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 6853B.....
License No.

MANUFACTURER { Name Lycorning Div. Avco Mfg. Corp......
Address Williamsport, Penna......

Model 0-320 TC #274..... H. P. 150..... Serial No. 4462-27

Stroke 2.875..... Manifold Pressure { Normal
Bore 5.125..... { Maximum

R.P.M. { Normal B.H.P. { Normal
Maximum 2700..... { Maximum 150.....

Gear Reduction Ratio Rotation of Propeller Clockwise

Certified Correct Date

OWNER. { Name
Address