

ENGINE LOG



PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

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 85791W.....
License No.

MANUFACTURER { Name *Lycorning*
Address *Williamsport Penna*
Model *O-540-B2B5* H. P. *235* Serial No. *L-4576-40*
Stroke *4-375* Manifold Pressure { Normal
Bore *3-125* { Maximum
R.P.M. { Normal *2700* B.H.P. { Normal
{ Maximum *2700* { 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.

Date		R. P. M.	Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Time Hrs. Min.
Year Mo.	Day	Ground	Air		
DATE <u>6-3-65</u>		TACH READING <u>300.16</u>			
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED					
IN ACCORDANCE WITH A <u>periodic</u> INSPECTION					
AND WAS DETERMINED TO BE IN AIRWORTHY CON.					
LOCATION <u>Ralph J. Haines</u>		A&P <u>P-541322</u>			
<u>Changed oil cleaned screens. Cleaned, adj'd & tested</u> <u>spark plugs. New carb. air cleaner. New ex. valve</u> <u>New rocker box gaskets. Welded #2 ex. shaft</u> <u>(Cracked) A.D.S. C/W as listed in back of book.</u> <u>5109</u>					
DATE <u>6-3-65</u>		TACH TIME <u>300.16</u>		W/O NO. <u>5109</u>	
ARKANSAS AVIATION SALES INC.					
MUNICIPAL AIRPORT LITTLE ROCK, ARKANSAS					
F. A. A. CERTIFIED REPAIR STATION NO. <u>2098</u>					
SIGNATURE AND NO.		<u>Ralph J. Haines (Chief Insp)</u>			
TOTAL TIME					

[illegible]

Engine Serial N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Day	Ground		Air					
Mo.									
DATE	12-23-65	TACH READING		398.8					
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED									
IN ACCORDANCE WITH A <u>periodic</u> INSPECTION									
AND WAS DETERMINED TO BE IN AIRWORTHY CON.									
DITION <u>Ralph L. Grimes</u> A&P <u>541322</u>									
<u>changed oil cleaned screens - overhauled starter</u>									
<u>Welded left ex. stack at #2 cyl. repaired (patched) oil</u>									
<u>bracket. ADSCW as listed in back of book.</u>									
DATE <u>12-23-65</u> TACH TIME <u>398.8</u> W/O NO. <u>6538</u>									
ARKANSAS AVIATION SALES INC.									
MUNICIPAL AIRPORT LITTLE ROCK, ARKANSAS									
F. A. A. CERTIFIED REPAIR STATION NO. <u>2098</u>									
SIGNATURE AND NO. <u>Ralph L. Grimes</u> (Chief Inspector)									
TOTAL TIME									

NOTES: punishable by Civil Pen

Cylinder No.	Lbs. 1= 2= 3= 4=	Lbs. 5= 6= 7= 8= 9=	REMARKS	SIGNATURE
	1	2	6-26-66 TT 451.17 changed oil filtered screen refilled with avroshell W 50W 25 hrs inspection AP 16/1709	

Engine Serial NC

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
11	30	66							
TACH READING				506.75					
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED									
IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION									
AND WAS DETERMINED TO BE IN AIRWORTHY CON.									
LOCATION				A&E 434577					
Q/W NO 66-5-4 - MARVEL CAB.									
DATE				TACH TIME		W/O NO.			
11-30-66				506		7584			
ARKANSAS AVIATION SALES INC.									
MUNICIPAL AIRPORT LITTLE ROCK, ARKANSAS									
F. A. A. CERTIFIED REPAIR STATION NO. 2098									
SIGNATURE AND NO.				Lester Snice Chief Insp.					
TOTAL TIME									

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ENGINE LOG

REMARKS	SIGNATURE
28 MAR. 67 TAC. TIME 528.72 DRAINED OIL, CLEANED SCREEN, SERVICED 12 QT. AEROSHELL #50. CLEANED & TESTED SPARK PLUGS.	James D. Gray A&P 1554628
DATE 8-30-67 TACH TIME 577.53 W/O NO. 8177 ARKANSAS AVIATION SALES INC. MUNICIPAL AIRPORT LITTLE ROCK, ARKANSAS F. A. A. CERTIFIED REPAIR STATION NO. 2098 SIGNATURE AND NO. Lester Snice Chief Insp. OIL CHANGED - SCREEN CLEANED CK MAGS FOR DROP	

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Engine Serial NC

Date		R. P. M.		Ground Time		Air Time		Total Time
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	
	11-29-67							
TACH READING				600.58 Hrs.				
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED								
IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION								
AND WAS DETERMINED TO BE IN AIRWORTHY CON.								
LOCATION <u>Little Rock</u>				A&E <u>434577</u>				
No ADs apply								
AD OK THRU. 67-29								
DATE <u>11-29-67</u>				TACH TIME		600.58 W/O NO.		<u>8357</u>
ARKANSAS AVIATION SALES INC.								
MUNICIPAL AIRPORT LITTLE ROCK, ARKANSAS								
F. A. A. CERTIFIED REPAIR STATION NO. <u>2098</u>								
SIGNATURE AND NO.				<u>Little Rock</u>				
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
9-9-68 Tack Time 646.1	
I certify that this <u>Engine</u> has been	
inspected in accordance with a <u>Annual</u>	
inspection and was determined to be in airworthy condition.	
Signed <u>James M. Nelson</u>	
<u>SA 1324577</u>	

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Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.
9-18-69								
Changed oil and changed screen, checked and cleaned all spark plugs. Checked compression. Drained and cleaned fuel system. Replaced rocker cover gasket. Replaced exhaust gasket. AD's checked thru 69-18.								
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. TOTAL TIME AIRCRAFT <u>669.6</u> HOURS. DATED <u>9-18-69</u>								
TOTAL TIME								

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ENGINE LOG

REMARKS

SIGNATURE

Oct. 16/1970 - Change oil - Aeroshell 10 50wt. Tack 705 hrs.
T.T. 705 hrs.

CANTRELL'S AERO SERVICE

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH Annual INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED James Cantrell ATE 131026-AI
DATE 10-10-70 TOTAL TIME 705 hrs

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

NC

Engine Serial			Ground Time		Air Time		Total Time	
Date			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	R. P. M.					
			Ground	Air				
1-	3-	75	stack time 57:00		total time		896.12	
changed oil cleaned screens Replaced filter checked & gaped plugs checked magneto & timing. Replaced propeller I certify that this Eng. has been inspected in accordance with a 100 hr inspection & determined to be in airworthy condition M.E. Green H/P 1369696								
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
4-10-76 Stack time 7488 + t. 824:00 changed oil cleaned screens - checked magneto & timing. Compression check #1 76/80 #2 74/80 #3 72/80 #4 76/80 #5 73/80 #6 74/80 cleaned checked & gaped plugs. I certify that this Eng. & propeller has been inspected in accordance with a 100 hr inspection & determined to be in airworthy cond. M.E. Green A/P 1369696	

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

NC

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ENGINE LOG

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

TOTAL TIME							
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Engine Serial

N C

Date

Year
Mo. Day Gro

THE FARMERS' AERIAL SEEDERS CORP.

P. O. BOX 408
STUTTGART, ARKANSAS 72160

TO:

I CERTIFY AS OF THIS DATE THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH Annual
INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY
CONDITION. TOTAL TIME 934.67 TACH TIME 184.58

12/2/85

Roland A Eiche 4294498781A

4TH CLASS MAIL. POSTMASTER THIS PARCEL MAY BE OPENED FOR POSTAL INSPECTION IF NECESSARY

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

12-16-85 TACH 184.58. REPLACED
NO. 5 AND 6 CYLINDER WITH FRESH
OVERHAULED CHROME CYLINDER. AIRCRAFT
GROUND RUN AND TEST FLOWN

George Mulloy #429829907

FEB-14-1987 TACH 219. HRS

DRAINED OIL & SERV. OK COMPRESSION ALL
CYL. OK. REPLACED INDUCTION AIR FILTER
WITH NEW. I CERTIFY THAT THIS ENG
HAS BEEN INSPEKED AN 100/HK AND
WAS FOUND TO BE IN AIRWORTHY CONDITION

AD. NOTE 87-10-06 RI NA THIS ENG BY SN —

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	
			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo. Day	Ground Air						
3/10/88		TACH 270.3	T.T.	1020.				
Drained oil & serv. 12 gal Aerosol compression CK - All cyl. other routine maint. performed I certify that this ENG HAS BEEN insp 1/4/90 AN ANNUAL insp. and was found to be in Airworthy condition J. S. Sch... AF 1532057								
10/19/90 TACH 327.								
TOTAL TIME								

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ENGINE LOG	
REMARKS	SIGNATURE
1-15-91 TACH 331.9 T.T. SN 1081.6	
Run ENG Per oil CH. & comp C/C. #1 80/28 #2 80/24 #3 80/26 #4 80/22 #5 80/24 #6 80/26 CH. oil CK screens, 2ER intake Filter— were EXA STAGE CRACK & REINSTALL. Repair ALT BKT. wash ENG & serv. Run-up ops CK OK This date — I certify that this ENG HAS BEEN insp 1/4/90 AN ANNUAL/100HR insp and was found to be in Airworthy condition— J. S. Sch... AF 1532057	

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N C

Engine Serial

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year	Mo. Day		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
1992	MARCH 7							
Tach Reads 356. Hours Total time: 1106.								
Drained oil & checked oil screen screen found OK, serviced engine with Aeroshell 50-100 oil. Ran compression check. Compression checked all cylinders 74/80 or better. Repacked A.D.'s A.D. left in back of log book. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.								
"END"								
Engine Tally AP4302/6036JA								
TOTAL TIME								

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ENGINE LOG

REMARKS

SIGNATURE

April 10, 1993 Tach. 384.0 TT 1134.0 Drained oil, ck screens OK. Cleared fuel Screens, replaced air filter. ck. compression 74/80 or better. All A.D.'S complied with. Serviced Engine with Aeroshell 50-100 oil. I certify this engine has been inspected in accordance with an annual -100 hr insp. and was determined to be in an airworthy condition.
Eugene Tally AP4302/6036JA.

6-14-94 Tach. 409.0 TT 1159.0 Drained oil, checked screens OK. Cleared fuel screens, replaced air filter. compression checked OK. checked muffler for cracks. All A.D.'S complied. 100 hr insp completed this date.
Eugene Tally AP4302/6036JA.

1-13-96 Tach 423.0 TT 1173 Drained oil, checked screens OK, cleared fuel screens, plugs, replaced air filter. Compression ok. inspected muffler for cracks, All A.D.'S complied. 100 hr inspection completed this date. Eugene Tally AP4302/6036JA.

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NC

Engine Serial			Ground Time		Air Time		Total Time	
Date			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
R. P. M.								
Year	Mo.	Day	Ground	Air				
May	3	1997	Tach. 441.	hrs	Total Time 1191 hrs			
Removed, cleaned and tested spark plugs drained oil and checked screens. Replaced oil with Aeroshell 50-100. cleaned fuel screens, replaced air filter element. Compressor checked OK 70 or better. checked exhaust system for condition and attachment. Certify this engine has been inspected in accordance with a 100 hr annual inspection and was determined to be in an airworthy condition. "END" Engine Tach AP430216036JA								
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
4/14/01 TACH: 453.7 T.T.E. 1203.7 COMPLETED 100 hr inspection 1/ACW 17 CFR PART 43 APPENDIX D. DRAINED OIL & CHECKED SCREENS. SERVICED ENGINE WITH 12 QT AEROSHELL OIL W100. REMOVED, CLEANED, GAPPED, & TESTED SPARK PLUGS, REINSTALLED SAME. INSTALLED ALL NEW IGNITION HARNESS. CHECKED INSTALLED ALL NEW OIL HOSES. INSPECTED EXHAUST, NO DEFECTS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED 1/ACW A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	<i>Boat Vot</i> AP4320616ST
11-11-02 TACH 467.80 T.T. ENGINE 1217.8 Engine cleaned and inspected, oil changed Aeroshell, screens checked OK Plugs cleaned & gapped, compression checked High 70's All Cyls. Current A.D.S checked and complied with. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN accordance with a 100 hr inspection and is in airworthy condition. <i>Reman Order 432135740</i>	

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Engine Serial

N C

Engine Serial			R. P. M.		Ground Time		Air Time		Total Time	
Date					Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	TACH	Ground	Air					
6-15-05			476.6			This engine washed and visually inspected.				
			Engine	Total Time		Oil DRAINED, screens checked OK.				
				1226.6		SPARK PLUGS cleaned AND GAPPED.				
						Compression checked All Cyls High 70's				
						AD's All AD's Complied with AS OF				
						2005-10/11 Biweekly.				
						I CERTIFY this engine inspected in ACCORDANCE				
						With A 100 ^{hr} inspection AND WAS FOUND				
						IN AIRWORTHY Condition				
						Kenny Cider				
						AP 432135740 ± A				
TOTAL TIME										
NOTICE: MAN										

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ENGINE LOG

REMARKS

SIGNATURE

4-2-08 TACH 483.00 1233.0 SNEW

Engine visually checked for ABNORMALITIES, oil changed
 with AEROSHELL 100, SCREEN checked for metal, NONE FOUND
 AIRFILTER element checked OK. SPARKPLUGS Removed, cleaned + GAPPED.
 Compression checked High 70's All Cyls. Fuel Bowl Removed
 AND cleaned screen cleaned, - All AD's checked - NO RE-occurring AD's
 AT this time - Engine test RAN AND PERFORMED NORMALLY
 I CERTIFY this engine inspected in accordance with A 100^{hr} inspection
 AND WAS OK FOR RETURN TO SERVICE

Kenny Cider IA 432135740

5-17-09 Engine inspected, oil changed, screen cleaned AND checked for metal
 NONE FOUND, SPARKPLUGS cleaned AND GAPPED. Oil AND Fuel Hoses checked for
 CONDITION OK compression check done, All Cyls in upper 70's AD's checked for
 COMPLIANCE SEPARATE LIST, I CERTIFY this engine inspected WITH A 100^{hr} inspection AND IS
 OK FOR RETURN TO SERVICE Kenny Cider IA 432135740 AP

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N C

Engine Serial		Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.	Hrs.
2020	15	Sept									
			TACH		Ground		Air				
			509.27		This engine was prepped for inspection by removing cooling and visual inspection. Flexible Fuel Hose replaced with new A/V hose. Replaced vacuum pump with new, oil drained. Screen checked for metal checked OK. Oil replaced with Shell w 100 oil. SPARK plugs removed cleaned and gap checked. Compression test ran and all Cyls low to mid 40's. All current and re-occurring A.D.s checked for compliance checked OK. I certify this engine inspected IAW an annual inspection and was found OK for return to service. Kenny Crider Kenny Crider AP 3746034 IA						
		TOTAL TIME									

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ENGINE LOG

REMARKS	SIGNATURE
Sept 2022 Performed a Manual Inspection I/A/W company checklist. Lubricated Airframe as required. Inspected all wheels brakes and tires serviced all tires to correct pressures. Serviced Battery Performed CLT Test I/A/W FAR 91.207(D) Test was satisfactory. A.D. Compliance c/w A.D.s up to date. No New or Recurring A.D.s due at this time. Ground Run and Operational Check Satisfactory. I certify that this Aircraft was inspected I/A/W an annual inspection and was determined to be in Airworthy condition for return to service. Bob Cr	APR 3505079 IA

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Engine Serial		N C					
Date	R. P. M.	Ground Time		Air Time		Total Time	
		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Year						
Mo.	Mo.						
Day	Day						

Cherokee Trail Aviation

Make: Cherokee	Model: 235	Year MFG: 1963	Date: 2/1/23
N Number: N8579W	Total Time: 1269.0	Tach Time: 519.0	Hobbs:
Annual Due: 2/28/24	ETT: 1269.0	SMOH :	

Completed annual inspection on this date in accordance with compay checklists. I checked compressions #1 66/80, #2 70/80, #3 69/80, #4 68/80, #5 71/80, #6 68/80. Inspected spark plugs, cleaned, gapped, and tested. Timed mags to engine. Ground run leak check satisfactory. A.D. compliance no new or other recourring A.D.'s are due at this time. Completed A.D. list and aircraft log books.

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

[Signature] AFA 3805074JA

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