

# ENGINE LOG



PIPER AIRCRAFT CORPORATION

# ENGINE LOG

PIPER AIRCRAFT CORPORATION

General Offices at  
Lock Haven, Pennsylvania  
U. S. A.

Part No. 230 716

## OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N56353	
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

NOTICE

*Making false entries in this book is a violation of government regulations and is punishable by civil penalty.*





## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-31-73	Brought Forward →		53 Hours.	
	Completed 50 Hour Inspection as per Piper Suggested 50 Hour Inspection Sheet. Changed oil #50 Phillip N/O.			
			ER Good	
			MIDWEST PIPER SALES, INC.	
			Certified Repair Station #3137	
			"Your Piper Dealer"	
			Wichita, Kansas	
Total To Carry Forward				

and Remarks

Signature

Certificate No.

DATE MAY 28 1974 BAKER'S FLYING SERVICE

Has performed the following service

Oil change  Replace oil filter

Checked & cleaned oil screen

Run aircraft & checked for leaks

Time required 154

Cal G. Keam

ATP 2013465

7 QTS Sheo SOWT  
OF 11A QILTER.



## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-13-74	Brought Forward →		181 Hours	
	Checked Engine Compression Replaced Ignition wires #4 cyl. R. Mag. Installed Intake Rotating Valve Kit # LW 13677 + New Rings # 14 #2 cyl's no oil or Filter change.			
	"I certify that this <del>engine</del> has been in- spected in accordance with a 100-hour inspection and was determined to be in airworthy condition."			
	Signed <u>E. R. Good</u> for			
	MIDWEST PIPER INC. Certified Repair Station #3137 "Your Piper Dealer" Wichita, Kansas			
Total To Carry Forward				



# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-16-75	Brought Forward →	325 HRS.	James E. [Signature]	A+P 1917383
Changed oil, oil filter, cleaned air filter, + washed down engine.				
7-18-75	Tach shows 372 hours. 100 hour inspection completed. oil changed to mineral oil to be used for next 50 hours. New filter cart. and air mag. & plugs cleaned and gaped. mag points checked and timed. fuel injector screen cleaned.			
#1 cylinder compression <sup>80</sup> / <sub>77</sub>	#2 <sup>80</sup> / <sub>78</sub>	#3 + 4 cylinders		
Total To Carry Forward		had new Rotary valve intake hats L W 13677 + New rings installed.		

and Remarks	Signature	Certificate No.
<p>AD note 74-24-9 Serial 73-7-44 75-09-15 does not apply to this engine with present mag + fuel pump. engine run in on ground for 2 hours to set rings and is ready for flight, checked for oil leaks. engine airtight.</p>	<p>Haward Peterson</p>	<p>I. A. 130983</p>
<p>AD 9508-09 complied with by installing 61174 shaft and LW 14038 impeller in oil pump</p>	<p>Haward Peterson</p>	<p>I. A. 130983</p>

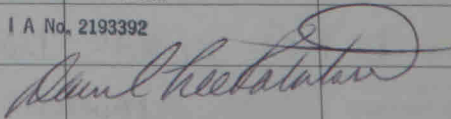
# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
<p>August 19, 1975 Oil Changed and Oil Filter Changed. Tac Reads 400.13 Engine washed down with solvent. Virgil M. Lagou - II A/P 448586096 Reservised with 8ATS. A/S 50W.</p>				
<p>11-3-75 tach shows 456 hours,          100 hour check completed. oil changed. New filter installed. plugs cleaned &amp; gaped. Mag points checked for timing all bases checked for oil leaks. Compression checked as follows: #1 <math>\frac{80}{77}</math> #2 <math>\frac{80}{76}</math> #3 <math>\frac{80}{75}</math> #4 <math>\frac{80}{78}</math></p>				
Total To Carry Forward		engine smoothly Howard Peterson EA 130983		

and Remarks	Signature	Certificate No.
Jan. 20, 1976 Tach 506.40 Engine oil changed, reserviced with 7 qts. Aersshell 40w.	Virgil M Logan II	ATP 448586096

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
3-19-76	Tach 545	Changed oil 89 to Shell 40, oil filter changed		
		Went to water	2193392	
5-17-76	Tach 550	Installed Harpell factory Recambintur propeller, Grand check OK		
		Went to water	2193392	14P
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>8-1-76 Tech 555 100 hr inspection complete            Compression checked O.K. Installed new            spark plugs. Changed oil 8 qts Shell            50, oil filter. Checked mag points &amp;            -brining.</p>		
<p>ENG</p>		
<p>I certify that this aircraft has been inspected in            accordance with a 100 hr..... inspection            and was determined to be in airworthy condition.</p>		
<p>Date 8-1-76 Tech reads 555 Total 555</p>		
<p>Name: DAVID LEE ROBERTSON   A No. 2193392</p>		



## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
DEC. 6, 1976		TACH: 593.93		
DRAINED OIL. CK'D AND CHANGED OIL FILTER AND CLEANED CRANKCASE				
CK + IS AS FOLLOWS: #1 70/80 #2 74/80 #3 70/80 #4 74/80				
NUTS + CRANKCASE THRU-BOLTS. CK'D EXH SYS FOR CRACKS,				
+ RE-TIMED MAGS TO 25° B.T.D.C. CK'D + CLEANED FUEL				
SCREEN. CLEANED, GAPPED, TESTED, + RE-INSTALLED ALL SPARK				
FOR FREEDOM OF MOVEMENT + FULL TRAVEL. INSTALLED 7 QTS.				
TIGHTENED ALT. BELT. RYR'D ALTERNATOR SUPPRESSOR 1/2" A.D.				
FLOW DIVIDER BY R+R DIVIDER GASKET. PAINTED 1/4" BLUE DOT.				
Total To Carry Forward		PAINTED PROP BLADES + TIPS. WASHED ENG.		

and Remarks

Signature

Certificate No.

SCREEN. PREFORMED COMPRESSION  
RETORQUED ALL CYL HOLD-DOWN  
LEAKS. ETC. CK'D MAG POINTS  
STRAINER + INJ. SERVO INLET  
PLUGS. CK'D ALL ENG CONTROLS  
PHILLIPS 66 #40 DETERGENT OIL.  
NOTE 75-09-15 ON FUEL INJ.  
ABOVE FUEL INLET. DRESSED AND  
GRND RUN CK GOOD. NO LEAKS NOTED.

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

DATE Dec. 6, 1976

TOTAL TIME 593.93

A. D. COMPLIANCE

THRU 76-23 %w A.D. NOTE 75-09-15  
R+R'D GASKET.

Donald L. Schell

CHIEF INSPECTOR

AERO ASSOCIATES

JEFFCO AIRPORT

BROOMFIELD, COLO.

FAA APPROVED REPAIR STATION

No. 4915

W.O.  
5197

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
DEC. 15, 1976	Brought Forward →	TACH. 607.33	JAN 7, 1977	TACH: 631.47
DRAINED OIL. CHANGED & CHECKED FILTER			DRAINED OIL. CHECKED AND CHANGED OIL FILTER. SERVICED ENG WITH	
INSTALLED 8 QTS. PHILLIPS 40 WT.			OIL FILTER. SERVICED ENG WITH	
WASHED ENGINE & GROUND RUN. CHECKED OK.			7 QTS PHILLIPS 66 #40 DETERGENT OIL. REMOVED, CLEANED GRAPP, TESTED	
WORK ORDER NO.	5254		ROTATED + RE-INSTALLED ALL SPARK PLUGS, WASHED ENG.	
DATE	DEC 15, 1976		ENG GROUND RUN OK GOOD NO LEAKS NOTED	
SIGNED	Wm. G. Miller		WORK ORDER NO. 5289	
FAA APPROVED REPAIR STATION NO. 4915			DATE Jan 7, 1977	
AERO ASSOCIATES			SIGNED Donald L. Schell	
JEFFCO AIRPORT			FAA APPROVED REPAIR	
BROOMFIELD, COLO.			STATION NO. 4915	
Total To			AERO ASSOCIATES	
Carry Forward			JEFFCO AIRPORT	
			BROOMFIELD, COLO.	

and Remarks

Signature

Certificate No.

OCT 18, 1977 Tach 796.64

DRAINED oil & REPLACED WITH 7 QTS AeroShell

40W DETERGENT oil - REPLACES CFD 100 oil

Filter, washed engine, checked for leaks. OK

Edward E Brown Jr

A&P 2220681

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
12-23-77	Time in service 814 hours.			
	Installed new crankshaft, new main & rod bearings, new rod bolts and nuts, new gaskets and seals throughout, new propeller, new spark plugs, serviced gas filter, installed new oil filter, new front muffler installed; compression checked, c/w AD 77-12-6 by remarking tachometer and fabricating placard, 8 qts Shell 40w. Engine test run & checked for leaks, operational checked satisfactory.			
Total To Carry Forward				
			Steven R. Lydden	
			AP522887638	

and Remarks	Signature	Certificate No.
<p>1-18-78 Time in service 814. New alternate air filter/air installed. AD summary received, N/A that have not been p/c/w.</p>		
<p>I certify that this <u>engine</u> has been inspected in accordance with a <u>100hr</u> inspection and has been found to be in airworthy condition. Time in service <u>814</u> hours. Date of inspection <u>1-18-78</u></p> <p><u>Steven R. Lydon</u> AIP 522887638</p>	<p>I certify that this <u>engine</u> has been inspected in accordance with a <u>annual</u> inspection and has been found to be in airworthy condition. Time in service <u>814</u> hours. Date of inspection <u>1-18-78</u></p> <p><u>Sumant P P 2121701A</u></p>	
<p>3/21/78 TACH 8594 CHANGED OIL AND FILTER - 7 QTS AERO SHELL #50</p>	<p><u>Steve Buehler</u></p>	<p>AIP 2075691</p>

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
8-7-78	Tach 879.98			changed oil using aeroshell 50, changed oil filter, cleaned air filter.  Scott Bell HP 524765278
3/21/79	Tach reads 898.79			
	100 hr inspection for continuance of airworthiness. Engine inspected for loose components. Controls inspected for fuel free travel. Magneto returned to engine. New plug of proper type installed. Differential Compression check			
Total To Carry Forward		#1 76 #2 78 #3 74	over 80	
		cont'd next page		

and Remarks	Signature	Certificate No.
#4 cylinder removed for broken ring and replaced with O.H. chrome cylinder using all new gaskets and new rings. Oil changed Air filter changed checked oil filter parts as found OK AD checked thru 7905 Engine is running Total time 898.79 hrs last time 84.79 hrs.		

I certify that this Engine has been inspected  
 in accordance with an 100 hr inspection and  
 was determined to be in working condition

David C. Faust A.P. 5148498

Total time 898.79

Time priced 81.79

Date of this inspection March 21, 1979



## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Oct. 19, 1979				
Bendix Fuel Injection unit removed for S.D. completion, see B9 S repair tag back of log. Engine cleaned & inspected for oil leak all rocker box covers tightened. #1 intake tube reattach to cyl. Engine test run found satisfactory.				
			Dale H. Faust B9 P 52481472	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>April 3, 1980 100 hr. inspection for Continence of Airworthiness  Engines inspected for loose or missing components - All plugs  cleaned &amp; regapped. Controls checked for full free travel  and lubed. Mag timing checked Compression Check #1-79,  #2-78, #3-76, #4-77 all over 80. Oil filter inspected  for metal. Prop jerks greased. Total Time 948.50 hrs.  Time last 12 mo. 497.1 hrs. AD's checked thru 80-  Engines Airworthy Dale R. Faust O&amp;P 51248472</p>		

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Aug. 1, 1981	100 hrs	Annual Inspection for Continence of Airworthiness. Engine cleaned & inspected for loose, missing or deteriorated components. All controls checked for full free travel & lubed. Mag. timing checked. All plugs cleaned & regapped. Started bendix cleaned & lubed. Compression checked, #1 - $\frac{145}{80}$ , #2 - $\frac{144}{80}$ , #3 - $\frac{144}{80}$ , #4 - $\frac{145}{80}$ . Oil & filter changed. Prop. nicks filed & all yokes greased. Total hrs. 1059.89 hrs. Total time 1059.89 hrs. Time last 12 mo. 111.39 hrs. Engine approved for return to service. Dale R. Faust AvP 57248749209		
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Sept. 20, 1981 Tack reads 1065.1 hrs. New Starter drive installed  
 Brushes replaced. Drive lubed. Function tested, found  
 satisfactory. Dale R. Faust A/P 512481472

1/10/83 100 hr. & annual inspection for continuance of  
 airworthiness per Piper service manual. Engine  
 cleaned & inspected for loose, missing or deteriorated  
 components. All controls checked for full free travel  
 & lubed. Mag timing checked, plugs cleaned & regapped. Comp  
 session check #1 =  $\frac{71}{80}$  #2 =  $\frac{48}{80}$  #3 =  $\frac{78}{80}$  #4 =  $\frac{77}{80}$ . Valvettes  
 changed. Air filter changed. Replaced E.G.I. probe. Prop  
 O/H per AD-77-12-06 reinstalled AD 78-09-07 R2 (impulse wear)  
 cont'd next page



and Remarks	Signature	Certificate No.
<p>July 2, 1985 100 hr. inspection for continuance of airworthiness. Engine inspected for loose, missing or deter. components. All sparkplugs cleaned &amp; regapped. Mag timing checked. Removed right mag, replaced distrib. gear &amp; contact. Reinstalled with new gasket. Changed oil, &amp; filter inspected for metal. Replaced air filter. Dressed prop. Diff compression check as follows #1-70, #2-74, #3-78, #4-75 all over 80#. C/w AD 84-26-02 Paper air filter, next replacement due @ 1678<sup>39</sup> hrs. AD's checked thru 85-12. Tach reads 1178<sup>39</sup>, Total time 1178<sup>39</sup> Time since last annual 67<sup>39</sup> hrs. Engine approved for return to service.</p>	<p>Dale R. Faust</p>	<p>GP51248147209</p>

# ENGINE LOG

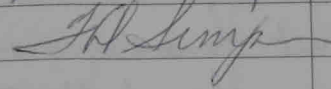
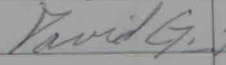
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Aug. 22, 1985	Replaced Vacuum pump with new Airborne model 211CC. Replaced right mag with overhauled unit from ElectroSystems, see yellow tag back of log. Test run and approved for return to service. Tach reads 1190 <sup>z</sup>			Dale R. Ford OY 512481472
Total To Carry Forward				

and Remarks	Signature	Certificate No.
12-1-87 TACH 1215.59		
Changed oil and Filter. Serviced with 8 qts Aeroshell 100W. C R Ford		
A-P 1717639		



# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
July 25, 1970	Brought Forward →	100 hr		Annual inspection for
				continued of airworthiness Engine Cleaned & inspected
				for condition as per service manual. installed new paper
				air filter, cleaned & gapped plug, mag timing checked, oil filter
				changed 2gt mesh & cow buff comp check #1-7/2/70
	#2 74/70	#3 78/70 #4 78/70	AD 26-01-06 N/A	AD 27/10/70 N/A
				AD 90-04-06 checked by inspection due at overhaul AD checked & how
				90-14 Rock removed & reinstalled (see prop log) Engine to alt time 1372.18
				time since last annual 99.79 Engine approved for return to service
				David G. Fawcett AEP 512421491
Total To Carry Forward				

and Remarks	Signature	Certificate No.
7-26-90 @ 1278 <sup>18</sup> / CERTIFY THIS ENG INSPECTED I/A/W ANNUAL INSP & FOUND AIRWORTHY PROPLINE ADV ENGINE AIRWORTHY		1A-1015086
May 20, 1992 Installed O.H. alternator ser #A68800 this date. Function tested found satisfactory approval for return to service. see main traverse case in back of log.		APP 510481498

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
April 18-46	TT 1299.26	checked Engine compression all over 70 over 80 changed plug- changed oil and oil filter filled with Aershell 50 Det. Removd mags and installd new coils and inpluse coupling, changed alternator Blot. tighten fan Belts & stop oil leak, installd new gasket on flacker box cover. # 4 cyl AP 90-04-06 B1 PROP 9000R TOR lines new & steel elbow. I certify this Engine has been inspected in accordance with an 100 Hr inspection and was determined to be airworthy. author J. [signature]		
Total To Carry Forward				

and Remarks	Signature	Certificate No.
May 96 Removed Starter and it was overhauled and elect. work of Washburn	By AD 71779283	
Oct 28-2003 TachTime 1299-26		
<p>Removed Engine for overhaul. all alum. part &amp; cyl. steel parts were sent to C45 for inspection. Case was sent to a guy for rework crankshaft cam shaft and Tappet were sent to Aircraft Engine and accessories Co. to be check &amp; reworked. crankshaft gear reworked by Aircraft Engine &amp; accessories. all fuel system sent to aircraft accessories for rework. alternator sent to aircraft accessories for check installed new Regulator. installed parts STD 1065 pin.</p>		
STD 1211 Plug - 6359 intake seats, 75838 guides 10456 Ex Valves 74389 Bushing		

0007 TC next page

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	AW13923	BUSHING MS13997-2 BUSHING, MS13998-3 caps	
62388	Int. caps	72050	INT. M+YS, Chromo 3 cyl. Remover installed intake and Exhaust	
	Washer	63900-174	BUSHING	400673 BOLT CHEVVIS 690-612 Washer H04-392 NUT.
	MS 28775-113	O Ring	MS28775-012	O Ring MS28775-112 O RINGS SL15441-1
	965K&T Jet	SL13992	Seal	CC 203 Ring Set. SA69603 HOSES, SL10207 PISTONS
	SL75061	ROD BOATS	SA12816	NUTS connecting Rod. SL11020 bearing SL13884
	bearing,	14077-1	Piston pins	MS16625-2081 Retaining ring, STD NUTS rock
	Washer.	STD 35	Washer	MS91441-01 GASKET TUB ASSY.
	Mag. ed Engine	alt	new PARTS or reworked to Engine Appts. installed	
	Engine in A/C	Ball	Engine with crank 50 non det installed new	
Total To Carry Forward			oil filler, run Engine for 2 min. checked for	

and Remarks	Signature	Certificate No.
<p>oil leaks. Run for 15 min, let cool run engine for 20 min          let cool. flush A/C for 2HR. Removed oil filter and checked for          metal oil O4. installed new oil filter and oil. I certify this engine          has been inspected in according to an 100 inspection and was          determined to be air worthy. Arthur J. Wischman          all work done according to Rego service manual. P8 I 1779283</p>		

June 11-2005 TT 1309.01 TTSMCH 9.85 TOTAL TIME ON ENGINE <sup>1309.41</sup>  
 Checked compression 1-70 2-72 - 3-68 - 4-72 over  
 80 ft. checked control cable, cleaned screen, and  
 of system. checked mag timing, I certify this engine

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	has been inspected in accordance with an 100 Hr inspection and was determined to be airworthy. Arthur J. Washburn A&P 1779283		
Aug-5-05		installed new fuel pump. Arthur J. Washburn A&P 1779283		
Aug. 6-2013	Tach Time	1340.19	Total Time on engine	NB.93.11r. <sup>1340.19</sup> <u>299.24</u> * 0.98
	changed oil. 4 filter F120 with. AEROSHIELD 40W. 50 qt. a Helix 2 compression 1.72. 2 70 3 71 4 69			
	over 80ll. cleaned fuel screens. checked engine controls for travel and security. I certify this engine has been			
Total To Carry Forward		inspected according to mfg. check list and a 100 check list and was found airworthy. Arthur J. Washburn A&P 1779283		

**DATE:** 01-15-2015

**N:** N 56353

**ENGINE:** Lycoming IO-360 C1C

**S/N:** L-10963-51A

**TACH:** 1354.64

**TSMOH:** 55.38

Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Drain oil. Check and change oil filter. Compression checks: #1 79 /80, #2 78 /80, #3 79 /80, #4 79 /80. Clean, gap, and rotate spark plugs. Check and set magneto to engine timing. Remove and replace #3 cylinder rocker cover gasket. Clean and inspect fuel injector nozzles. Remove and replace crankshaft seal. Comply with **AD 95-26-13**, install new oil cooler hoses assy's as required, next replacement due 1-2023. Remove and replace all other fuel and oil hose assy's with new hoses. Comply with **AD 2011-26-04**, fuel injector line clamps. No defects noted. Replace air filter element. Check and lubricate engine controls. Refill sump with 8 qts Aeroshell 15W50 oil. AD's researched through B/W 2014-24 for applicability. Wash engine and cowling. Engine run up checks were satisfactory.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an Airworthy Condition.

Larry Hallock  
IA 2239535



**Professional Aircraft Services**  
4824 Earhart Rd, Loveland, CO 80538  
970-679-4633



# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-8-16	Brought Forward →			
<p> <del>TRUCK</del> TIME 1434.76, TOTAL TIME 1434.76 SMOOT 135.1            THIS ENGINE WAS INSPECTED IAW 14 PER 43            APPENDIX "D" AND A CHECK LIST. REPLACED PICO            SHAFT. SEDN P/N# LW 13792, INTAKE PIPE #1            O-RING DN. LW 77569. COMP. = #1 = <math>\frac{75}{80}</math>, #2 = <math>\frac{74}{80}</math>            #3 = <math>\frac{74}{80}</math>, #4 = <math>\frac{75}{80}</math>. CLEANED, GAPPED, REGLATED            SPARK PLUGS, (0.016). THIS ENGINE WAS INSP.            IAW 1100 HR/ANNUAL INSP, AND WAS RETURNED            TO SERVICE. VAUGHN DOWELL AP368462  <div style="text-align: center;">END</div> </p>				
Total To Carry Forward				