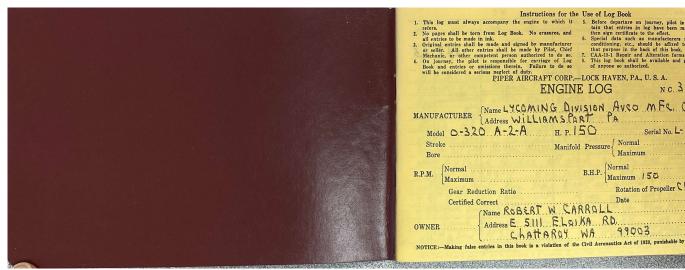
ENGINE LOG



PIPER



The World's Fastest Selling Airplane



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 link. 3. Original entries shall be made and signed by manufacturer or reller. All other entries shall be made by Pliot, Chief of Mechanic, or other competers promible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty. PIFPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.
THE AMERICAN LOCAL STATE AND STATE A
ENGINE LOG No. 3/57 M
MANUFACTURER { Name LYCOMING DIVISION AVEO MFC. CARP. Address WILLIAM SPART PA Model 0-3.20 A-2-A H. P. 150 Serial No. L- 10107-2 Stroke Manifold Pressure { Normal Maximum
Model 0-320 A-2-A H P 150 Serial No. L- 10107-2
Model C. S. C. Marriel
Stroke Manifold Pressure
Bore (Maximum
R.P.M. Normal B.H.P. Maximum 15.5
Cook Poduction Potio Rotation of Propeller
Cartified Correct Date
(Name ROBERT W CARRALL
E SUI ELMIKA RD.
OWNER Correct Date (Name ROBERT W CARROLL Address E 5.111 ELQIKA RD. Chattarry WA 99003
NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1933, punishable by Civil Penalty.

Engine Serial					N C		
Date Year 1999 R. P. 1		Ground T Hrs.	Min.	Air Tim Hrs.		Total Tin	Min.
Mo. Day Ground	Air						
3 17						1249	25
		277					
777					-		
			1				
	1 20	A route	ad.	25775			
		7 4	1				
				1. 6		000	\
		For Gra		1 1		2 to 1	
wax with							
	-	1 1-12	é /	W 75 : 50 m			
		1/2 20	1 40 1	1115 5			-
	TO C	azz na		13:42 21			
TOTAL TIME OTICE:—Making false entri-	in mili	5 K	121	# 11802			

REMARKS

SIGNATURE

ENG Dissessabled Because of Turn over lease Sent TO F.C. F. yellow-Tayed Combat of all Steel parts To Rick Romans the Cranks TO EEF Mains 1006 Rods Std Robe Reconsistened with your Bolton Vula Piston Pin St 13444-oll over Pieton Check ok & Researd Cyl Honed & New Ollow-Pieton Check ok & Researd Cyl Honed & New Rings. oil Pump Shaft Sh 66174A Impelher 1/28 Sh 18109 AS Rings. oil Pump Shaft Sh 66174A Impelher 1/28 Sh 18109 AS Rings. oil Pump Shaft Sh 66174A Impelher 1/28 Sh 18109 AS Reward hifter Book Reconditioned all new Yorkets + Seal New Ey Vahue Guides all work as Par Lye overhead Manuel 60294-7 Eng Not Run yet as to auftrum with Done of Carlo Inea New Newt are 1/26 F10 & Float Med 1649 91. + CF 233-615 Needlet Saat. Mays onesed up + Packed Bearups + Chebrel Point St. Cond. Mays Colle OK + May Rotaw OK.

New Spark Plugs + Ware Herness Stick & Fug Needle ND oil May Soral F18 309056 8 Farch Moyen.

NOTICE:—Making Table divise in this book is a violation of the Civil Aeronautics Act of 1535, punishbe by Crill Penalty.

	Year	ste	R. 1	Р. М.	Ground T	ime Mın.	Air Time Total Time		MALEST TRANSPORT TO THE PROPERTY OF THE PROPER	And A
	Mo.	Day	Ground	Air			and an	· Hrs.	in. REMARKS	SIGNATURE \$000
	70 . K	100	5	Q	F. IN C.	10	Led Backing	Lange 1	The following modifications include FAA field	
	Robert	4.	2 3	9, 7	Marine M	33	a state of	O E vere	approval:	l l
\-	1408	1 1	- 1 R	Patri	4 1 Ja	1.823	the par	warmen !	Engine & F Atley Dodge Exhaust installation: 337	
2.4	1091	11	3 4 34	a odd ac	A V Town	Pere	Check oka	ne - Pert	approved 5/4/200 ©	1
	702	4.1	hyp	beaut	Be ad	200	12 308 = 3	w south must	Oil Cooler overhauled and installed in compliance with AC43.13-2A & 1B	
	Dead.	+	Alex	200	2000	time	Pour Rund	w Lifter 1	A Company of the second	
		100	1 0	7.3	Buc m	5. 14	76 COP. 3	V Color	Tach Time: 2641.4 TSMOH: 0 I certify that this engine has been inspected with annual	
613	200	424	1	+ 01=	taci 46	Now	I for Dais	Jose Park	inspection and it is determined to be airworthy.	
	- 7	6	3.4	19/1 L	Ma wa	149	the Charles	1 2 3 3 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Airworthiness Directives have been checked for compliance through 3008 - 02.	
0	À	W.	1 2	4 . 7	5.12	Here	reall to	Sacra P.	Kull (Hoveling 18880712A	
	\perp	_	- 344	12 1 12 M	1 1/2		8 230 63	(Marie Same P B)	14400777A	

Year 100 Z		R. P. M.		R. P. M. Ground Time Hrs. Min.		Air Tim Hrs.	e Min.	Total Time Hrs. Min.		
Mo.	Day	Ground	Air							
nech	12		_	-				>	' 4	1
-				1					-	
				7						
									*.	
					11.80	1 19	planted	in pear		
					10 Par	871.	149 HOUR * 1		21	
				1			89th	- 1 E	State 1	
				2						
				1	,					
						1				
				1				Ballion L		
				P			53	140	La Company	
							Month of the St.		and the same	

REMARKS	SIGNATU	RE
LANGED MIL CLEANED SCREEN-SCREEN		2000-
had minimal debris used Breakin oil	Ranged	الله 1860 الله
are extended to and there is	To AMERICA	
	The The Tare To	
Tach time:11.44 hours Removed existing oil screen housing and screen and	46116	
replaced with Lycoming oil filter kit P/N LW-13743.	MIL MAY -	
Gasgolator removed and inspected for debris found to	S ROYEST	1:4
be clean of foreign particles.	BU WAY	
Name: Dawl College Certificate Number: 2A 43376 9433	and security?	
	1	1 1
NOTICE:-Making false entries in this book is a violation of the Civil Aeronautic		or II Panalty

Date		R. P	. м.	Ground T Hrs.	ime Mın.	Air Ti	me Min.	Total Tin	e Min
Year	Day	Ground	Air						
9-9-0	02			MENA	2-W3	jala a	ERNE	J 110 0	E AR
inch	029	1.16	Remo	ed oil sur	PAW	1 Ronven	se Do	154 PAMINIO	0.0
			To may	GeAr NO	FAIL	re, Repl	Acod G	enyo	
			Part # S	L 135 196 3 AND IDE	46 No	w, MAGE	FEAT PA	et 1	
			#6116	3 AND IDA	R Sha	Ft part #	75158		
			Vellow	Aged BAck	of hog	INSALLA	SHICK		
			MAQU	OGRASKI +	SLK	K4577			
			RHSK	02071951	AHSR	02072583	mayte	ned	
	_		Chrucie	02071951 oil mud F	11/20	ENT RUA	ومرمى	restok	
	-					P. Kom On			
						188	שדרטן	A	
				1					
-		TOTAL TIM	Е						

	9.50.7	ENGINE	LOG		la, e S. e d'yall
	REMARKS			SIGNAT	URE
Tach 48.25	I certif	y that this	EWY HAS &	PEN INSP.	
Tamo 48.25	IIA/W.	FAT43 1	APX D For	A AIUNUL	
11268929				And Iwsp	
02-14-03	OIL FILL	Ger OK Chi	auguel oil u	ofh Aero	
	Shell 15	:50 Chennel	FORL SCREE	NS. MAY	
				so or Better	
			Hot New		
and the second second second			2LN 13792E		LW13792 RS
			boul Air wo		
eta en la companya de			hecked thore		
same i mest kannata sengan menengankan		e e proceso de la companya de la co	RHood	a 1888077	24
5/27/03			and the second second second	le	
Installed Pe	Lerson au	lo Fuel S	TE SE	1931 CE	Age of the second
Ih acc ar					
President	A-11.	14737690	.,		
	1-			English talks	The second contract

	R. P. M.	Ground Time Hrs. Min.	Air Time Hrs. Min.	Total Tir Hrs.	me Min.
Year	Ground Air	nrs. min.	rus. min.	AIFS.	pin.
9-22-03				75.30	J. Oak
Removed	engine cowling, o	rained oil, removed	l filter, cut open		100
	O,	metal-none found		8115	1 1/2
		t torque to manufac		21.	24.46
12.40是16年16日18日 10.00日本					
		ired filter with .041			
	The same of the sa	8 quarts of Aerosh			7.9
Cleaned e	engine, ground rai	i to check for leaks,	installed cowling.		7.0
Cleaned e		to check for leaks,	installed cowling.		7,70
		to check for leaks,	installed cowling.		7.2
Tach time	= 74.0 mle	i to check for leaks,	installed cowling.		
Tach time	= 74.0 mle	i to check for leaks,	installed cowling.		
	= 74.0 mle	i to check for leaks,	installed cowling.		- 6/3
Tach time	= 74.0 mle	i to check for leaks,	installed cowling.		- 6/3
Tach time	= 74.0 mle	to check for leaks,	installed cowling.	4 1.11.2	- 1/2 - 1/2
Tach time	= 74.0 mle	to check for leaks,	installed cowling.	4 1 1 4	- 2/2 - - 1/2 -
Tach time	= 74.0 mle	to check for leaks,	installed cowling.	9 7 3 3	- 6/2

	ENGINE LOG	.). (. d onland
n	EMARKS	SIGNATURE
7-9-04	Z certify that His ENG	HAS been ZNSP-
Fach ,0086.64	I/A/W FAY 43 APX-	D For A ANNUAL.
S.M.O.0086.64	Cheand Spark Doug AND	Compad Fuel Scheens
11 2727.68	MAG timing checked . C	ompresion 72/80
	All 4 CVL COLD. INSTA	Lod New oil Pilters
	OLD FILTE ~ Checked ok	AD List checked
The state of the s	then 04-02 NO NEW A	
	Eng opps test ok, this	ENG FOUND ATTWOOTHY
	this Date .	Booch 188807721
		X 39 -

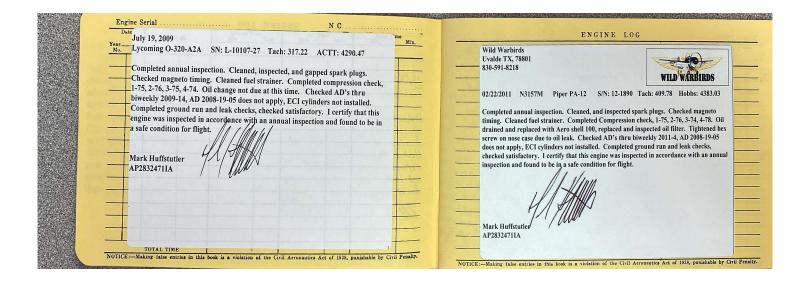
Date R. P. M. Ground Time Hrs. Min. Hrs. Min. Hrs. Min. Total Time Hrs. Min.	REMARKS
chet time 102.68 emoved engine cowling, drained oil, removed filter, cut open filter o check contents for metal-no metal found. Installed new Champion 48110 oil filter, set torque to manufacturers specifications and safety wired with .041 safety wire Serviced engine by adding 8 quarts of ero Shell 100 Plus oil. Cleaned engine, ground ran to check for leaks, stalled cowling gnature:	Tach Time 126.4 (I changed a e early due to the fact I had 100 wt. Oil—Weather dictated I put in 15-50) Removed engine cowling, drained oil, removed filter, cut open filter to check contents for metal. No metal found. Installed Champion #48110 oil filet, set torque to manufacturers specifications and safety wired with .041 safety wire. Serviced engine by adding 8 quarts of Aero Shell 15-50 oil. Cleaned engine, ground ran to check for leaks, re-installed cowling. Signature:
TOTAL TIME **TOTAL TIME** **	FAA License—539422745 NOTICE: -Makin, Take entries in thus book is a violation of the Civil Aeronauties Act of 1938, punishable by 6

1/23/2005 Lycoming O-320-A2A S/N: L-10107-27	Air Time	Total Time	ENGINE LOG
Sensenich 74DM S/N: 42595	rs. Min.	Hrs. Min.	REWAYS
Tach Reads: 134.94 ENGTT: 2775.98			REMARAS
Annual inspection completed this date. Compression test			
aken, #1-76, #2-72, #3-76, #4-70, all over 80psi. Timing			6-29-2005
hecked, re-set to 25 degrees both. Exhaust system checked.			Tach Time: 149.00 hours
lugs cleaned and gapped. Air filter checked. Fuel screens			Removed Engine cowling, drained oil, removed filter, cut open filter,
necked. Oil filter inspected at last oil change. Prop			inspected for metal. No metal found. Installed Champion #48110
tachment checked. Blades and skull cap inspected. AD's			filter. Set torque to manufacturers specifications and safety wired
omplied with; 68-05-01 Exhaust Shroud, 98-01-06 One			Tiller. Set torque to manufacturers specifications and safety who
iece Venturi, see complete compliance listing in logs. I			with 041 safety wire. Serviced engine by adding 8 quarts of Aero
ertify this engine/prop has been inspected in accordance			Shell 100 plus. Cleaned engine, ground ran to check for leaks,
ith an annual inspection and was determined to be in		SECURIOR SEC	reinstalled cowling.
rworthy condition.			144000
aymond M. Thomas A&P2742360IA		The second secon	Signature:
Jimona W. Thomas Acci 2/4230014			FAA License539422745
84			
			CALLERY CONTROL OF THE PROPERTY OF THE PROPERT
TOTAL TIME		Market Barrier State Committee of the Co	

1/15/2006 Lycoming O-320-A2A S/N: L-10107-27 Tach: 166.06 TSMOH: 166.06 TTENG: 2807.1 Annual inspection completed this date. Oil screen checked OK. Fuel screens checked OK. Timing checked OK. Compression as follows; #1-74, #2-74, #3-77, #4-76, all over 80psi. Exhaust checked OK. Plugs cleaned, gapped and tested. AD's complied with; 8-05-01 Muffler, 98-01-06 Two piece venturi, see ompliance log for complete listing. aymond M. Thomas 2742360IA 3-29-2006 Tach Time: 171.00 hours Removed Engine cowling, drained oil, removed filter, cut open filter inspected for metal. No metal found. Installed Champion #48110 filter. Set torque to manufacturers specifications and safety wired with.041 safety wire. Serviced engine by adding 8 quarts of Aero Shell 15-50 Cleaned engine, ground ran to check for leaks, reinstalled cowling. Signature: FAA License539422745	Tach: Asqual inspection copules and bellerant Main eattery clecket ELT before due to a standard for the lubed as radiired. Clarrangement to have each Hydra sorb unit Ring gear caking 68 piece venturi, 76-07-Cylinders, see complete this aircraft has with an annual inspection around the with an annual inspection of the clivil Aeronautics Act of 1538, punishable by Ciril Penalty. 1/21/2007 Lycoming O-320-A2A S/N: L-10107-27 Tach: 188.00 TSMOH: 188.00 TTENG: 2829.04 Annual inspection completed this date. Oil screen checked OK. Timing adjusted to 25 degrees both mags. Compression as follows; #1-76, #2-75, #3-75, #4-76, all over 80psi. Exhaust checked OK. Plugs cleaned, gapped and tested. Changed Oil, 8qt Aeroshell 15w50 installed and new 48110-1 filter installed. Engine run-up checked OK. AD's complied with; 68-05-01 Muffler, 98-01-06 Two piece venturi, 2006-12-07 ECI Cylinders, see compliance log for complete listing. Raymond M. Thomas 2742360IA
---	--

	N C			
3/5/2008 Lycoming O-320-A2A S/N: L-10107-27	Air Ti Hrs.	me Min.	Total T	me Min.
Tach: 201.91 TSMOH: 201.91 TTENG: 2842.98		The same of the sa		
Annual inspection completed this date. Oil screen			1990 B. A. C.	1 57
checked OK. Fuel screens checked OK. Timing				1000
adjusted to 25 degrees both mags. Compression as	5			
follows; #1-75, #2-76, #3-75, #4-75, all over 80psi.				
Exhaust checked OK. Plugs cleaned, gapped and tested.				
Changed Oil, 7qt Aeroshell 15w50 installed and new				2
48110-1 filter installed. Engine run-up checked OK.				
AD's complied with; 68-05-01 Muffler, 98-01-06 Two				
piece venturi, 2007-04-19R1 Superior Cylinders, see				
compliance log for complete listing.	ă ă	1 11 10 1		1
Raymond M. Thomas 2742360IA				
			7	1
		The same of the		
TOTAL TIME				200
NOTICE:-Making false entries in this book is a violation of the Civil A.	eronautics ,	Act of 1938, p	inishable by Ci	vil Penalty.

REMARKS	SIGNATURE
12/25/2009	
act 285.50 TT 4258.78	
Princed oil, removed filter. Replaced of	
new Champion 48110-1 filter, added Tots	
ternshill 154-50 oil checked for leaks w/ Cunua	
tecostell 15V-50 oil, checked for leaks +/ Cunup Lecked OK. Removed stark plays and	
replaced of new REM4DE. Tightened plugs	
and leads, double checked tourge + servity,	
Run up okey.	
100 07 0.169.	
LOL B Com FAA+3248973	
700 . 7 10	
and the second of the second o	
	and the second second



Engine S	erial	əci Ex	N C	Total Time
Date	R. P. M.	Ground Time Hrs. Min.	Air Time Hrs. Min.	Hrs. Min.
Year Day	Ground Air			
7 1	Tech needs	471.51 Total	time eng. 31.	2.58
JEA 1,	TSmoH 471.	51 Change	1011 # filter	-no mot
2.017	in 8 Her	Serviced with	1895 Aero	3411 (00 W A)
	ail. Clean	18 gapped s	Park plugs	72/0- 17-1
	41=70/80;	12 = 76/50 h	3=70/50, =4"	120. 12.0.
	4/H magnet	2 repaired by	Neveju Acc	ottoched.
	78426 -+	h maintenan	to release 13	and RIH mas
	Reinstelle	of timed to 2	1 1 40 5	Seal. Replaced
	Replaced #	cylinds - Co	1 2/10 687	59. Renlaced
	#1 cylinder	vil Crais 7	P/1 315 12,	Infaced all
	#2 cylinder	173 Oxh Studi	4 1 Box Coal	a dadjusta
	1xh nuts	\$ 00m. 1	cache that	this engine bo
	106 mixtu	- delin ace	ordance with	an Bosmil
	been 1050	ched in he	s been deter	mind to be
	Ingraction	ans	4 1000	Civil Penalty.

In an archierth Condition of H	SIGNATURE 1825468
23/2018 Piper PA-12 N3157M s/n 12-1890 Tach Reads 484.11	

Lycoming O320 A2A s/n L-10107-27 TSO: 484.11 TTIS: 313

Performed 100 hour / annual inspection and servicing per Lycoming O320 series manual and the scot and detail of Far 43 appendix D. Drained engine oil, replaced spin on oil filter with new, serviced using McCauley 1A175/GM8241 s/n 1028 AeroShell 100W. Cleaned and inspected spark plugs. Compressions checked #1=66, #2=61, #3=67, #4=62/80 psi. Re-set left magneto timing. Weld repair to exhaust hanger. Cleaned intake air filter. Inspected propeller for security and condition. Engine solvent washed and water rinsed. Engine run u operational checks performed with no discrepancies noted. . I certify that this engine has been inspected according to tAR43355(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. loseph G. Sills IA405867971

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	08/26/2020 Piper PA-12 S/N: 12-1890 N3157M TACH: 493.72 TTIS: 4466.97
Date Ground Time Air Time Total Time Hrs. Min. Hrs. Min. Hrs. Min.	Lycoming O-320-A2A S/N: L-10107-27 TSO: 493.72
	McCauley 1A175/GM8241 S/N: 1028
00/00/2000 Pinne DA 43 C/N 42 4000 N2457NA TACU 407 72 THE 4450 00	Performed 100 hour/annual inspection IAW Lycoming O320 series manual and the scope and detail of
08/08/2019 Piper PA-12 S/N: 12-1890 N3157M TACH: 487.73 TTIS: 4460.98	FAR 43 appendix D. Drained oil, replaced spin on oil filter with new, serviced using AeroShell 100W oil.
Lycoming O-320-A2A S/N: L-10107-27 TSO: 487.73	Cleaned, gapped and inspected spark plugs. Compressions checked #1=70, #2=76, #3=79, #4=72/80 psi.
McCauley 1A175/GM8241 S/N: 1028	Checked magneto timing. Solvent washed engine and cowling. Engine run up, operational checks
Performed 100 hour/annual inspection IAW FAR 43, Appendix D and Lycoming service data.	performed with no discrepancies noted. This pected propeller for security and condition. I certify that this
Compressions: 1=74, 2=75, 3=68, & 4=72/80. Drained oil, serviced with eight quarts Aero Shell 100W.	engine has been inspected per FAR 43.45(a)(1)(c)(1)(2) for an annual inspection and was determined to
Replaced engine oil filter with new CH48110-1; old filter opened and inspected and no contaminants	be in airworthy condition. Joseph 8 Sills 1A405867971
noted. Induction air filter cleaned IAW Piper service data. Engine washed and op checked; no	
discrepancies noted. I certify this engine has been inspected IAW an annual inspection and found to b	
airworthy. Carl Shropshire A&P4678260999IA	
	Washington Commencer
	Table Series Series Andrews
TOTAL TIME	
NOTICE; Making talse entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.	NOTICE:-Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.
PRO-SECURITY AND ADMINISTRATION OF A PROPERTY OF A PROPERT	

09/19/2021 Piper PA-12 S/N: 12-1890 N3157M TACH: 494.00 TTIS: 4467.25
Lycoming O-320-A2A S/N: L-10107-27 TSO: 494.00
McCauley 1A175/GM8241 S/N: 1028
Performed 100 hour/annual inspection IAW Lycoming 0320 series manual and the scope and detail of FAR 43 appendix D. Drained oil, replaced spin on oil filter with new, serviced using AeroShell 100W oil.
Cleaned, gapped and inspected spark plugs. Compressions checked #13-70, #2-76, #3-79, #4-77/8 0psi.
Checked magneto timing. Solvent washed engine and cowling. Engine run up, operational checks performed with no discrepancies noted. Inspected propeller for security and condition. I certify that this engine has been inspected of SAR 43 45 41(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph 9. SRE IA405867971

TOTAL TIME

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

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