118179X

# ENGINE LOG BOOK



#### **Engine Log & Maintenance Record**

RECORD OF Piper PA-28-181 28-8290109 (MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N8/79  $\times$ FROM 5-8 2020 TO 20DETAILING TIME FROM 4/.5 +1.5

**Place Engine Certificate Here** 

Serial #

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Lican
ROUGH	T ENDWARD	Since Overnaul		-	Licenc
					_
_	Dal	hulls Empire Consid	laste of October		_
_	Hei	built Engine Certif	icate of Conformance		_
	This	s is to certify that the eng	gine as described hereinafter has been REBUILT in accordance with th	9	_
	con	dition for safe operation.	cations. It has been determined airworthy to return to service and is in All applicable Federal Aviation Administration Airworthiness Directives	a S	
_	and	Lycoming Service Publi tificate are new or newly	ications have been complied with. All accessories as part of the type rebuilt. Refer to enclosed Form ET001 for applicable accessory part		_
		nbers and serial number			_
					_
	5				
	Pa	art Number RENPL-	RT8057	3/27/2020	
		erial Number RL-1420 ngine Model O-360-A		12020	
		ork Order KM7540	026		
	To	otal Time 0	Production Certificate #3		
			652 Oliver Street Williamsport, PA 17701 U.S.A. Lycoming Engines is a division of Avco Corporation		
	Fo	orm 2481 Rev 05/13	Eyourining Engines to a division of Area Corporation		
	_	1			
_	720	1			
<u>دی</u>	8-20	19ch 141,			,
	100	Staller to	his engine in accordance	wit	_
	4170	- Lyco	ning M/M. Engine installed	using	- //
	Find	Barry	Mounts 1/4 940/1-20. Re	place	$\frac{\alpha}{}$
	1 79	7-45/1	Suggies from the Engine	Service	,
	Gar	C+ 10	la maixtura and ist. Ground	Can est	gine
	1/61	engine	has been inspected in account	V	
	wit	han and	and inspection and was dal	mare	4
	12.	in alrewor	thy condition		
		1	1 Statt 1. 8 36475	22 74	
			0.00		
	+				
	-	+			
Pag	e Total: <sub>-</sub>				Allena
Bro	ught For	ward:	All repair data must bea		
			certificate number		

Serial #	
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te	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
DUGH	T FORWARD				
-8	-20	Tach!	49.2		
	Deal	10/1	aller filter Souls	1//	
	701	10	Il ICA mineral ail I AMUSII	16/1	
	7	The state of	1 1 D D D D D D D D D D D D D D D D D D	to the	
			m V. Naff 1417 364/3	20	
_	Part la	and the second desired the second		+	
-	Tail # N81	70V Ch	the state of the s	_	
	Tall # 1401		n Flyers of Alabama – Shelby Co. Airport (KEET) 2021 TACH: 69.0 HOBBS: 5484.7 ETT: 27.5	_	
	Performed Ann	ual ENGINE inspecti	on IAW AC 43-13 th appendix ID immediate the state of the	a desir	
	05/2021 for cor		emps, pressures and RPM targets are normal. See attached AD list da	ited	
	• Comp	pression check. #1-78	/80 #2-78/80 #3-76/80 #4-78/80	_	
	Servi	ce engine w/7 ats Exx	on Flite 20W50 oil and CH49110 1 -: 1 GH- C + GH	ted.	
	35	NGINE has been inspe Owens A&P 263993	cieu IAW Annual inspection and is airworthy at this time	_	
	NICK	Owens A&P 263993	2 IA	<u></u>	
			St.		
			_	1	
-	Tail # N81	79X Champio	on Flyers of Alabama – Shelby Co. Airport (KEET)	<u> </u>	
_		DATE: 06/0	01/2022 TACH: 76.5 HOBBS: 9.6 ETT: 35.0	·	
_	Performed Ani	nual ENGINE inspect	ion IAW AC 43-13.1b appendix 'D' inspection check list. Warm engin	ne, drain	
_	pressures and I	RPM targets are norm	ect, gap, rotate and reinstall plugs. Perform post inspection run-up; all al. See attached AD list dated 05/2022 for compliance.	temps,	
	<ul><li>Com</li></ul>	pression check. #1-76	5/80 #2-78/80 #3-76/80 #4-78/80.		
	Servi	ice engine w/7 qts Phi	illips X/C 20W50 oil and CH48110-1 oil filter. Cut filter, no debris no	ted.	
-		k Owens A&P 263993	ected IAW Annual inspection and is airworthy at this time.	The state of the s	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	26-	Z IA	4	
-					
_	Tail # N81	79X Champio	n Flyers of Alabama – Shelby Co. Airport (KEET)		
		<b>DATE: 04/13/</b>	2023 TACH: 84.5 HOBBS: 20.4 ETT: 43.0		
			on IAW AC 43-13.1b appendix 'D' inspection check list. Warm engin		
			ect, test, rotate and reinstall plugs. Perform post inspection run-up; all al. See attached AD list dated 04/2023 for compliance.	temps,	
-	A CONTRACTOR OF THE PARTY OF TH		70/80 #2-75/80 #3-76/80 #4-74/80.		
			llips X/C 20W50 oil and AA48110-2 oil filter, Cut filter, no debris no	oted.	
			ected IAW Annual inspection and is airworthy at this time.		
_	Mic	hael Carpenter A&P/I	· ·		
-			4 27/11/11/11		
_		11 A.T.	3260064 AP/+A		
_		m W.	7 3260064 AP/IA		

Brought Forward:\_\_\_\_\_

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Total to Date:\_\_\_

Serial # \_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks Sign	ature	Licence
ROL	70. 11. 11. N. N.	-			
	Tail # N8		lyers of Alabama – Shelby Co. Airport (KEET)		_
_	Perform 50	DATE: 05/ hour engine oil change.	/05/2023 TACH: 124.3 HOBBS: 71.9		_
-			hillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter, no		
_	de	ebris noted.			
	I contifu this	erform ground run. No leal	ks noted, ground ops ok.		
	airworthy a	this time.	ed IAW applicable FAA and/or manufacturers technical information and is	2	
	De	ennis Blackerby A&P 3329	9004		_
		Ben	3329004		_
_	_		the second of th		_
		)			_
	Tail # N817	OY Champion Fly	your of Alahama Shalky Co Airmont (VEET)		
	1411 # 11017	DATE: 06/28/2023	yers of Alabama – Shelby Co. Airport (KEET) TACH: 182.4 HOBBS: 149.7 ETT: 140.9		
I	Performed 100 I	Hour ENGINE inspection I	IAW AC 43-13.1b appendix 'D' inspection check list. Warm engine, drain	_	
	oil, remove spar	k plugs. Clean, inspect, tes	st, rotate and reinstall plugs. Perform post inspection run-up; all temps,	-	
1	Comp	ression check. #1-78/80	e attached AD list dated 06/2023 for compliance. #2-78/80 #3-74/80 #4-74/80.		
	<ul> <li>Service</li> </ul>	e engine w/7 qts Phillips >	K/C 20W50 oil and AA48110-2 oil filter. Cut filter, no debris noted.	_	
	I certify this EN	GINE has been inspected.	IAW a 100 hour and is airworthy at this time.		
	Denn	is Blackerby A&P 3329004		Т	
		) De	> 3329004	1	
	Jac.	10		-	
	•	and the contract of the second		-	
	Tail # N8179	X Champion Flyer	rs of Alabama – Shelby Co. Airport (KEET) 1023 TACH: 231.2 HOBBS: 213.5		
		DATE: 08/14/2	023 TACH: 231.2 HOBBS: 213.5		
1	Perform 50 hour	r engine oil change.	ps X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter, no		
	debri	s noted.			
	Perfo	rm ground run. No leaks n	oted, ground ops ok.  AW applicable FAA and/or manufacturers technical information and is-	-	
	certify this EN airworthy at this	GINE nas been serviceu 17 s time.	Arr applicable I his alias or managacias et a technical a germanical and	_	
	Nick (	Owens A&P 2639932	The second secon		
	>	Co			
	** // N/04/50W	Chambian Blasses	of Alahama Class G. Alahama		
Ta	ail # N8179X	DATE: 08/22/20	of Alabama—Shelby Co. Airport (KEET) TACH: 243.9 HOBBS: 230.1		
Pe	rform 50 hour e	engine oil change.	725 TACH; 245.9 HOBBS; 250.1		
			X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter, no		
	debris r	noted.			
10	<ul> <li>Perform</li> <li>ertify this FNG</li> </ul>	n ground run. No leaks not INE has been serviced IAM	ied, ground ops ok. V applicable FAA and/or manufacturers technical information and is		
air	worthy at this t	ime.			
		Carpenter A&P 3260064			
	-	LA 32600	6410		
	~m				
.g_	Total:				
		_	All repair data must bear th	e endo	rseme
oug	tht Forw	ard:	a certified mechanic, and h	nis/her	rating
			certificate number MUS	ST be s	nown
tal	to Date:				

Serial # \_\_\_\_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service	, Remarks	Signature	Licence #
ROUG	I SECRET				-	
	Tail # N		ion Flyers of Alabama – Shelby Co. A			
		DATE: 09/25/2	2023 TACH: 282.9 HOBBS: 280.	1 ETT: 241.4	1	
	Performed 1	100 Hour ENGINE inst	pection IAW AC 43-13.1b appendix 'D' inspect	ion check list. War	m engine drain	
	on, remove	spark plugs. Clean, ins	pect, test, rotate and reinstall plugs. Perform po	ost inspection run-u	p; all temps.	
	pressures an	nd RPM targets are non	nal. See attached AD list dated 09/2023 for co	mpliance.	.,	
			-78/80 #2-78/80 #3-78/80 #4-78/80.			
	• Se	ervice engine w/7 qts P	hillips X/C 20W50 oil and AA48110-2 oil filte	r. Cut filter, no deb	ris noted.	
	• Ti	ightened dipstick tube a	nd re-safety.			
	I certify this	s ENGINE has been ins	pected IAW a 100 hour and is airworthy at this	s time.		
	N	ick Owens A&P 263	39932			
		20	>			
						-
_	Tail # N8	179X Champion	Florence of Alabama Challa C			
		pro-	Flyers of Alabama – Shelby Co. Airpo	ort (KEET)		
_	Perform 50	hour engine oil change	10/18/2023 TACH: 333.6 HOBBS:	345.2	- 100 PR	
_		ervice engine oil change	DI III. ANG AGNICA III.	and the same of th	_	
	d	ebris noted.	s Phillips X/C 20W50 oil and Tempest AA4811	10-2 oil filter. Cut f	ilter, no	
_	I certify this	FNGINE has been son	wined IAW and the EAA W	Mary Service Address Commercial C		
	airworthy a	t this time.	viced IAW applicable FAA and/or manufacture	rs technical inform	ation and is	
	De	ennis Blackerby A&P 3	329004			
		(T)			-	
		2	a de la companya de l		_	
	Re     Se     I certify this     airworthy at	compression 0/80. emoved and replaced #. erviced engine with 9 q ENGINE has been serv this time.	719/2023 TACH: 4137.06 HOBBS: 13 cylinder with Lycoming LW-12397 cylinder (is. Phillips X/C 20W50 oil and Tempest AA48) viced IAW applicable FAA and/or manufacturer	(S/N: 30080-03).	RO#99517 ation and is	
	Nic	ck Owens A&P 263993	32			
		10				
-						
_						
	Tail # N817	9X Champion	Flyers of Alabama – Shelby Co. Airpo	rt (KEET)		
_	101111111111111111111111111111111111111	DATE: 11/21/2023		ETT: 329.1		
	Performed 100 F		on IAW AC 43-13.1b appendix 'D' inspection c		gine drain —	
- 7	nil remove spar	k plugs. Clean, inspect.	test, rotate and reinstall plugs. Perform post in	spection run-up all	temns	
-	pressures and RI	PM targets are normal.	See attached AD list dated 11/2023 for compli	ance.	tempos	
			80 #2-72/80 #3-70/80 #4-74/80.			
			s X/C 20W50 oil and AA48110-2 oil filter. Cu	t filter, no debris no	oted.	
_			LW-13792 Lycoming crankshaft seal.		-	
			ed IAW a 100 hour and is airworthy at this time	e.		
		Owens A&P 263993				
No.		ro	-			
	h				3-2-1	
age	Total:					
			All rer	oair data must	bear the endo	rsement
rou	ght Forw	ard:			c, and his/her	
·	2.1.5 1 21 44		a cert	meenan	c, and majner	i daning d

SSP-1872-1 © 2015 Avco Corporation. All Rights Reserved.

Total to Date:

certificate number MUST be shown.

Serial #

ate	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	
Olich	TEODWADD			- Juntary	ı
T	ail # N8179X	Champion F	lyers of Alabama– Shelby Co. Airport (KEET)		
	an w Not ///	DATE: 02/	• • • • • • • • • • • • • • • • • • • •	•	$\top$
Pe	rform 50 hour e	engine oil change.	20/2024   ACH. 4222   HODDS: 434.3		+
		-	nillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filte	er, no	1
	debris r	noted.			
10	ertify this ENG	INE has been service	ed IAW applicable FAA and/or manufacturers technical information	on and is	T
an	worthy at this t	ime. Sims A&P 4750145		-	+
	M	JIIIS ACCT 4/30143		-	-
	III &	LIM		_	
	Tail # N817	9X Champio	n Flyons of Alabama Class C	_	-
		DAIL: 04/11/21	n Flyers of Alabama – Shelby Co. Airport (KEET) 124 TACH: 464.3 HOBBS: 505.4 ETT: 422.8		L
- 1	erformed Annu	ial ENGINE inspecti	on IAW AC 42 12 11		
. 0	oil, remove spar	k plugs. Clean, inspe	ct, test, rotate and reinstall plugs. Perform post inspection run-up;	gine, drain	
P				an temps,	
		TOOLOTT CHICCES #1-/	0/0U #/=/6/XII #1 74/90 #4 #c/00		_
	Cleane	ed oil separator and se	lips X/C 20W50 oil and AA48110-2 oil filter. Cut filter, no debris	noted.	
	certify this EN	GINE has been inspe	ecured as needed.  Annual inspection and is airworthy at this time.		
	Mich	ael Carpenter A&P/I	A 3260064		_
		m 1	A 3C6006Y AP/IA		
		•			
_ 1	Tail # N8179	X Champion 1	Flyers of Alabama– Shelby Co. Airport (KEET)		
		DATE: 05	/10/2024 TACH: 510.4 HOBBS: 561.1	+	
- F		engine oil change.	N. W. C.		
		ce engine with 7 qts F s noted.	Phillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter	r, no	
_ 1			ced IAW applicable FAA and/or manufacturers technical informatio	on and is	
	irworthy at this	time.		T	
	Micha	el Carpenter A&P 32	260064		_
-	-	n lit	3260064AP		
		4 / 20 5	Jees of the second of the seco		
	Tail # N8179	X Champion	Flyers of Alabama - Shelby Co. Airport (KEET)		
		JAIL: U0/1//20/2	4 IACH: 567 7 HODDS: 622 6 PPP		_
. Р	erformed 100 H	lour ENGINE inspect	tion IAW AC 43-13 th appendix IDI	gine, drain	_
			t, test, rotate and reinstall plugs. Perform post inspection run-up; all . See attached AD list dated 06/2024 for compliance.	temps,	
	Compr	ession check. #1-76	6/80 #2-78/80 #3-78/80 #4-70/80.		
	<ul> <li>Service</li> </ul>	engine w/7 ats Phill	ips X/C 20W50 oil and A A48110 2 oil Glass Co. Cl.	-	
- 1		JIII I III DEEN MISDEL	HEU LAW Q 100 nour and is airmonthy at this time	Ned.	_
-	Michae M 1	l Sims A&P 4750145	The second contract of		_
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ge '	Total:			hanr the anderse	m
		nrd:	All repair data must a certified mechanic certificate numb		

Serial #	<u> </u>
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Date	(Hours)	Tail # N8179X	Champion Flyers of Alabama – Shelby Co. Airport (KEET) DATE: 07/18/2024 TACH: 607.5 HOBBS: 678,4
BROUGH	IT FORWARI	Perform 50 hour en	gine oil change.
			Service engine with 7 qts Phillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter,
			noted. IE has been serviced IAW applicable FAA and/or manufacturers technical information and is
-		an worthy at this tin	ne.
		Michael S	Sims A&P 4750145
		MA	w.
		Tail # N8179X	Champion Flyers of Alabama, Shall, G.
		D. C	Champion Flyers of Alabama – Shelby Co. Airport (KEET) ATE: 08/28/2024 TACH: 656.7 HOBBS: 736.4 ETT: 615.2
		Performed 100 Hour	ENGINE: 1015.2
$\rightarrow$		pressures and RPM	argets are normal. See attached AD list dated 08/2024 for compiler.
		<ul> <li>Compressi</li> </ul>	argets are normal. See attached AD list dated 08/2024 for compliance.  on check. #1-78/80 #2-74/80 #3-78/80 #4-76/80.
		- OCIVICE CIT	VIDE W// atc Dhilling V/C 2011/CO 11
		Michael Si	ms A&P 4750145
		Mh	in
		Tail # N8179X	Champion Flyers of Alabama – Shelby Co. Airport (KEET)
			DATE: 10/11/2024 TACH: 699 3 HORRS: 727 5
	- Constant	Perform 50 hour engi	ine oil change.
-		no debris n	ervice engine with 7 qts Phillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter,
-	na-		has been serviced IAW applicable FAA and/or manufacturers technical information and is
	(Section )	an worthy at this time	•
- 1		Michael Sin	ns A&P 4750145
		111 100	
-		Tail # N8179X	Champion Flyers of Alabama– Shelby Co. Airport (KEET)
_	-		DATE: 01/08/2024 TACH: 722.0 HOBBS: 840.4
		• Ren	noved and replaced master switch with new 99377-05 switch.  E has been serviced IAW applicable FAA and/or manufacturers technical information and
		is airworthy at this time	
	,comin		A&P 4750145
$\overline{}$		mA	141
$\rightarrow$	_	111 W	-
		Tail # N8179X	Champion Flyers of Alabama – Shelby Co. Airport (KEET)
		DAT	E: 02/17/2025 TACH: 748.8 HOBBS: 848.3 ETT: 707.3
		Performed Annual ENG	INE inspection IAW AC 43-13.1b appendix 'D' inspection check list. Warm engine, drain oil, an, inspect, test, rotate and reinstall plugs. Perform post inspection run-up; all temps,
$\longrightarrow$		pressures and RPM targe	ets are normal. See attached AD list dated 02/2025 for compliance.
		<ul> <li>Compression</li> </ul>	check. #1-74/80 #2-76/80 #3-70/80 #4-78/80.
			w/7 qts Phillips X/C 20W50 oil and AA48110-2 oil filter. Cut filter, no debris noted.
	4,000	I certify this ENGINE h	as been inspected IAW Annual inspection and is airworthy at this time.
)a== '	T_4_!		&P/IA 2639932
age	Total:	20	
) wa	LL F-		All repair date must been the endersement of
эгoug	INT FOI V	aru	a certificate number MUST be shown.
			certificate number 19051 be shown.

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Page Total:

Tail # N8179X	Champion Flyers of Al	labama-	Shelby	Co. Airport (KEET)
	DATE: 04/17/2025	TACH:	797.3	HOBBS: 906.9

Perform 50 hour engine oil change.

 Service engine with 7 qts Phillips X/C 20W50 oil and Tempest AA48110-2 oil filter. Cut filter, no debris noted.

Engine Log

I certify this ENGINE has been serviced IAW applicable FAA and/or manufacturers technical information and is airworthy at this time.

Joel Murray A&P pending

Job Hurny

#### Tail # N8179X Champion Flyers of Alabama – Shelby Co. Airport (KEET) DATE: 05/30/2025 TACH: 840.8 HOBBS: 960.1 ETT: 799.3

Performed 100 Hour ENGINE inspection IAW AC 43-13.1b appendix 'D' inspection check list. Warm engine, drain oil, remove spark plugs. Clean, inspect, test, rotate and reinstall plugs. Perform post inspection run-up; all temps, pressures and RPM targets are normal. See attached AD list dated 05/2025 for compliance.

- Compression check. #1-70/80 #2-78/80 #3-73/80 #4-76/80.
- Service engine w/7 qts Phillips X/C 20W50 oil and AA48110-2 oil filter. Cut filter, no debris noted. I certify this ENGINE has been inspected IAW a 100 hour and is airworthy at this time.

Joel Murray A&P pending

July Murray

July M

- g	
Dunwald Family	All rep
Brought Forward:	a cert

All repair data must bear the endorsement a certified mechanic, and his/her rating certificate number MUST be shown.

Total to Date: