BH

ENGINE LOG BOOK



Continental Motors, Inc.

ENGINE WARRANTY

REGISTRATION

or replacement as provided in the appropriate warranty policy. The engine owner can register on-line for free product and service information at http://continentalmotors.aero or contact a Factory Service PROGRAM REGISTRATION form. It is essential that it be properly completed and returned to CMI Warranty Department immediately. This will expedite processing of the claim should your engine require repair CORROSION AWARENESS and Representative at 1-888-826-5465 or 1-251-436-8299. WARRANTY/RUST ENGINE your

PLEASE COMPLETE AND RETAIN FOR OWNER'S RECORD

		I
	H Fooipo	j
	<u> </u>	_
Owner's Name Fine PLAINE (OURTHING	Date Ir	<u>-</u>
Address 34730 CAKLAND	Aircraf	raf
	Year M	
City FARMING TO W	Whate	at e
State/Province M1	Serial #	<u>a</u>
Country_USA Postal Code <u>48335</u>	Hours	ည

Aircraft Total Hours 571).9

Model LTS10 360 EB38

Serial # 34-7870004

625.7

Tach Time

Date Installed O1/24/2019

Aircraft Model PA 34-2007

What engine is being replaced?

755174R

Serial #

702

Year Manufactured | 9 7 8

1009579

Serial #

Engine ModelL 1510360 683 B

Continental Motors Internet Service contains ne Instructions for Continued Airworthiness

STM E 910 DHIBITED

79 roved the r this

engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

AVANTGARDE AVIATION, INC. RH ENGINE LOG ENTRY N47815	
01/24/2014,100 HOUR/ANNUAL INSPECTION, TACH 625.7, TOTAL TIME REMAN [0]	nd ∋s,
INSTALLED FACTORY REMAN ENGINE USING NEW LORD MOUNTS, REPLACED ALL OIL FUEL AND INSTRUMENT HOSES FWD OF FIREWALL	
OIL USED PHILLIPS 20W50M, LUBED EXHAUST SLIP JOINTS, TORQUE CHECKED ENGINE HARDWARE, SERVICED PROP DOME PSI, REPLACED AIR FILTER, CLOSED SEVERAL GAPS IN ENGINE BAFFLES, INSTALLED OIL COOLER WINTER PLATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER #21246 JOHN F JOHNS 1519936A&I	
AVANTGARDE AVIATION, INC. RH ENGINE LOG ENTRY N47815 3/18/2014,OIL AND FILTER CHANGE, TACH 654.6,OIL USED PHILLIPS 20W50M,CUT FILTER OPEN NO METAL FOUND, COMPRESSION TEST #1 72/80, #2 72, #3 72, #4 73, #5 78 #6 70. REPLACED SHIPS EGT PROBE REUBEN HERNANDEZ A&P 3256114	;
AVANTGARDE AVIATION, INC. RH ENGINE LOG ENTRY N47815 8-28-2014,OIL AND FILTER CHANGE,TACH 702.2,OIL USED AERO SHEI 15W50,CUT FILTER OPEN NO METAL FOUND,INSTALLED NEW SHADIN FUEL FLOTTRANSDUCER P/N 68051-1, REPLACED FUEL PUMP WITH NEW FROM TCM P/N R-649368-64A1 S/B14GA176R,CLEANED FUEL SCREEN AND FLUSHED SYSTEM, JOHN F JOHNS A&P 1519936	WC
Make: Continental Motors Model: LTSIO-360-EB(3) Serial No.: 1009579 FACTORY SERVICE CENTER Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER85. The work performed as described below has been inspected in accordance with current regulations of the Federal Available of the in airport by condition with respect to the work performed.	3B
Administration and found to be in airworthy condition with respect to the work performed. Work Performed Right: Adjusted fuel injection system using data from CMI SID97-3F and the Piper PA-34-Maintenance Manual. Completed ground operational and flight checks. ——END—— Authorized Signature for Repair Station 9CER853B:	·200T

	Total	Total Time		Time Since Last Overhaul		nce Last haul	Engine Service and Maintenance Record	
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
Carried forward -		→						

Make: Continental Motors Model: LTSIO-360-EB(3) Serial No.: 1009579



Date: 10/29/2014 Tach Time: 747.6

FACTORY SERVICE CENTER

Continental Motors Factory Service Center, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed Right: Drained oil and installed new AA48108-2 filter. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Completed ground operation leak check. ——END4—

Authorized Signature for Repair Station 9CER853B:

Details of the wo	nk perior	11100 13 011	the did	CI WOIK	V V
			7,777,1	ייייר א דיי	DE AVIATION, INC.
			RH I	ENGIN	E LOG ENTRY N47815
11-07-20	14,TA	CH 755	5.9,SV	WAPPEI	O SHADIN FUEL FLOW TRANSDUCER P/N
SEE YELI	AFIER JOW TA	BENCE AG.SW	APPED	K AND PRIM	OK FACTOR CONFIRMED AT 29.8 BY SHADIN —— WER VALVE TO LH ENGINE, FLUSHED FUEL
SYSTEM A	AND I	NSTAL	LED	GAMI	KIT GT360-12D S/N 24164 IAW STC#
SE094001					agh Ste
		ı naı	30202		after see
L					
			A	VANTG	ARDE AVIATION, INC.
			R	H ENG	INE LOG ENTRY N47815
					ALLED OIL COOLER WINTER PLATE.
RICIA	LD LIAV	0111 11	ar 50	J J L J 2.	
2-15-15	TACH T	ME :	790.B	ENGV	TIME SERM: 165.1 PERFORMED ANNUAL WSPECTION
	IN AC	COEDAN	CE WIT	H PIPE	DE PA 34-2007 SOLVICE MANUAL AND FAR PART 43
	APPEN	oix D.	THE F	ououi	a MAINTEN ANCE WAS POLICIEMED : COMPARESSION
	Test:	1)73/	30 2	77/80	3)74/80 4)73/80 5)75/80 6)75/80, CHANGES
	,	1 /	-	t	INSTALLOS CH48108-1 OIL FILTER AND SOLVICED
				1	MOSHELL ISWED OIL. INSPECTED OLD OIL FILTER-
					CLEANED, GADPED AND PLOTATED SDARK PLUCS, INSPECTED
					A NOWLES. INSPECTED ENGINE MOUT, FINEWALL AND
					15TO-TO-ENGINE TIMING. INSPECTED INTAKE AND

	Total	l Time	Time Si Ove	nce Last rhaul	Engine Service and Maintenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Carried forward					
	Exun	IST SI	STEMS	INSPE	ETED TULGO CHALLIER, WHE PIPE AND WASTE
					TED MENETOS, VACULUI PUMP, OIL COLOR,
					WE WELTON SELVO, FUEL PUMP, PROPERLICE
					LITERNATE AIR DOOK TACH DRIVE SPANK PLUG
					EMPLIES, INSPECTED ALL ELECTIVICA, WIMING
	I .	1)	1	TOO AW LUSTMATES AN EVAINE CONTROLS.
					-UP AND LEAR CHECK. AU TEMBERTURES AND
					HED ENGINE. CHECKEN AD'S THROUGH BI-WEEKLY
					ELUCIANG AB'S DUE AT THIS TIME AND DATE.
	1	1 :			MINE HAS BUEN INSPECTED IN ACCORDANCE
	1	1		SAECTI	ON AND WAS BETERMINED TO BE IN AIRMORTHY
	CONOI	1		En	- () NL ARD 385847988 IA.
	ļ				0
6-11-15	TACHT	IME:			OVED OIL COOLDS WINTONIZATION PLATE.
	-		Teel	Sul	_ A\$P 385047900 IA.
				P	
7-27-15	TACH	TME	871	8 a	LANCIES ENGINE OIL AUS OIL FILTER INSTALLED
	NEW !	DIL FIL	TON P	W: CA	48108 -1 AND SOLVICES ENGINE WITH B QUACTS
	Apro	HELL	15~50	OIL.	INSPECTED DLA OIL GILTER - NO BIXMEDANCIES
	NOTE	0. WA	stem e	wine.	PROLOGIES ENGINE RUN-UP AND CEAR CHECK.
				Em	LE A&P 385847988 IA
AAA9109.2 filt	er. Installe omplished i	d new EGT in accorda	probe on	#6 cylind	er change, serviced engine with 8 quarts of Aeroshell 15W50 and a er. Run-up leak check okay. The work on the Aircraft/component identified t Federal Aviation Regulations and is approved for return to service. —END—
CH48108-1 filte	er. Installed e was acco	d winteriza	ition plate	on oil cod	er change, serviced engine with 8 quarts of Aeroshell 15W50 and a oler. Run-up leak check okay. The work on the Aircraft/component he current Federal Aviation Regulations and is approved for return to AP 2725134 Matt Lahti
<u> </u>					
	 				

	Tota	l Time		nce Last rhaul	Engine Service and Maintenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives Special Inspections, Modifications and Service Bulletins
Carried forward	1				
5-27-17	TACH	TIME :	1344	.7 CH	wars engine oil and oil filter. Installed New
	DILG	LTEL V	/n: A	44B10	8-2 AND SOLVICED ENGINE WITH BOUNTS
	AENO	HELL	15ust	OIL.	INSPECTED OUR OIL GLIEN - NO DISCREPANCIES
					E RW-UP AND LEAK CHECK. ALL TEMPERATURES
	AND P.	LESSUR	es no	rme.	ADJUSTED OIL AMESSIVE RELIEF VALVE.
				20	A4P 385847988 IA.
8-1-17	TACH	TIME:	138Z	.8 CH	maes ename oil and oil tital. Installed new
					8-1 AND SOLVICED EXAME WITH BOUNTS
	1 1	1			species old oil fluter-no disinerancies notes.
					TWO ENAME PLUNCY. ALL TEMPERATULES AND
	l .				ected on Inessure Nevel Value. Acousted
	- 1			ief v	
					20-100 MAP 385847988 Id.
09/16/2017	_				200 MAP 385847988 IA.
Drained CH48108- Grego 12/ 11/201 Drained	and servi 1. Inspect ory E. Sm 17 Right d and servi	iced eng ted filte ith 36 ^t tach: 15	gine oil r and fo 9544480 503.5 ngine oi	und clea 0 IA	ats of Aeroshell 15W50. Replaced oil filter with a question of Aeroshell 15W50. Replaced oil filter with a
Drained CH48108- Grego 12/ 11/201	and servi 1. Inspect ory E. Sm 17 Right d and servi 1. Inspec	iced engited filte ith 360 tach: 150 tach: 150 tach: 150 tach ited filte	gine oil r and fo 9544480 503.5 ngine oil	und clea 0 IA	ats of Aeroshell 15W50. Replaced oil filter with a question of Aeroshell 15W50. Replaced oil filter with a
Drained CH48108- Grego 12/11/201 Drained CH48108-	and servi 1. Inspect ory E. Sm 17 Right d and servi 1. Inspec	iced engited filte ith 360 tach: 150 tach: 150 tach: 150 tach ited filte	gine oil r and fo 9544480 503.5 ngine oil	und clea 0 IA	qts of Aeroshell 15W50. Replaced oil filter with a
Drained CH48108- Grego 12/ 11/201 Draine CH48108- Gregory E	and servi 1. Inspect ory E. Sm 17 Right d and servi 1. Inspect 2. Smith	tach: 15 tac	gine oil r and fo 9544480 503.5 ngine oil er and fo 480 IA	und clea 0 IA	qts of Aeroshell 15W50. Replaced oil filter with a
Drained CH48108-Gregory E 2/14/2018	and serving and serving E. Smith Right tag and serving and servin	tach: 15 viced engeted filte 369544 ch: 1549 che angfilter an	gine oil r and fo 9544480 503.5 ngine oil r and fo 1480 IA	und clean of IA I with 8 pound cle with 8 q	qts of Aeroshell 15W50. Replaced oil filter with a
Drained CH48108-Gregory E 2/14/2018 Drained 48108-2. In	and serving and serving E. Smith Right tack and serving and serving and serving spected in Smith 3	tach: 15 viced engeted filte 369544 ch: 1549 ched engeted enge	gine oil r and fo 9544480 503.5 rigine oil reand fo 1480 IA	l with 8 quit l clean.	an. Sugar South qts of Aeroshell 15W50. Replaced oil filter with a an. Suegar South ts of Aeroshell 15W50. Replaced oil filter with a an. Suegar South
Drained CH48108-Gregory E 2/14/2018 Drained 48108-2. In Gregory E.	and serving 1. Inspectory E. Sm. 17 Right dand serving 1. Inspectors. Smith Right tack and serving 1. Smith 3. Smith 3. Smith 3. TACH TO	tach: 15 viced engeted filte 369544 ch: 1549 filter angeted engeted en	gine oil r and fo 9544480 503.5 ngine oil r and fo 1480 IA	l with 8 quickens with 8 quickens.	ets of Aeroshell 15W50. Replaced oil filter with a an. Sugger Smith qts of Aeroshell 15W50. Replaced oil filter with a an. Sugger Smith ts of Aeroshell 15W50. Replaced oil filter with a AA- Except Smith Them: 951.6 Performs Amure Wifeerton W
Drained CH48108-Gregory E 2/14/2018 Drained 48108-2. In Gregory E.	and serving 1. Inspectory E. Smith 17 Right d and serving 1. Inspector 2. Smith Right tack and serving 1. Smith 3. Smith 3. TACH TO Accord	tach: 1549 the 1549 t	gine oil rand fo 9544480 503.5 rigine oil rand fo 1480 IA	with 8 ql clean.	an. Sugger Smith qts of Aeroshell 15W50. Replaced oil filter with a an. Sugger Smith ts of Aeroshell 15W50. Replaced oil filter with a AA- ts of Aeroshell 15W50. Replaced oil filter with a AA- Sugger Smith Them: 951.6 Performs Amure with a AA- 34-2007 Service mark as Gr Part 43 A Mendix B
Drained CH48108-Gregory E 2/14/2018 Drained 48108-2. In Gregory E.	and serving and serving E. Smith Right tack and serving and servi	tach: 15 viced engeted filte 369544 ch: 1549 ched engeted eng	gine oil r and fo 9544480 503.5 ngine oil er and fo 480 IA	with 8 q l clean.	ts of Aeroshell 15W50. Replaced oil filter with a am. Sugger Smith qts of Aeroshell 15W50. Replaced oil filter with a am. Sugger Smith ts of Aeroshell 15W50. Replaced oil filter with a AA- Sugger Smith Them: 951.6 Performs Amual weather with a AA- 34-2007 Service mark and Gr. Part 43 A Merdix B 245 Augumed: Compression test: 1)75/60 2)75/60
Drained CH48108-Gregory E 2/14/2018 Drained 48108-2. In Gregory E.	and serving 1. Inspectory E. Smith 1. Inspector I. Inspec	tach: 15 tach: 15 viced eng ted filte 369544 ch: 1549 ched eng filter ang 369544	gine oil rand fo 9544480 1.503.5 ngine oil rand fo 1.480 1.4 1.577.3	with 8 quind clean.	an. Sugger Smith qts of Aeroshell 15W50. Replaced oil filter with a an. Sugger Smith ts of Aeroshell 15W50. Replaced oil filter with a AA- ts of Aeroshell 15W50. Replaced oil filter with a AA- Sugger Smith Them: 951.6 Performs Amure with a AA- 34-2007 Service marks are Gr. Part 43 A Mendix D

Contraction in the Contraction of

	Tota	Total Time		ince Last erhaul	Engine Service and Maintenance Record	
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal a installation and compliance with inspections, Airworthiness Directiv Special Inspections, Modifications and Service Bulletins	
arried forward	Crewes Car					
			POS A	D Rom	ED SPANK PLUGS. CLEMED AND INSPECTED FUEL INJECT	
			1	1	NEATED AIR GUTDL. INSPECTED ENGINE MOUT, FINE	
					TURO MAGNETO-TO-ENGINE TIMING. INSPECTED INTAK	
					MSPECTED THUSO CHALLER, WHE PIPE AND WASTEGE	
	[+SPEC	100 M	KWETO	s, VACC	rm AUMP, AIR BOX, ALTOWATE AIR DOOR, STARTER,	
					, FUEL WORCOM SERVO, FUEL AVMA PROPERENCEVEUR	
					LOAAS AND CHLWOOL ASSEMBLES. INSPECTED ALL	
	1	1	l	1	WIO LINES. INSPECTED OND LUBRICATED ALL ENGINE	
	I .			1	THE PLIN-UP AND LEAR CHECK. WASHED EVANG. AL	
	1	1	Į.	1	LES NORMAL. CHECKED AN'S THROUGH BI-LIEBLY	
		I	4	1	BELLARWO ADIS DUE AT THIS TIME AND DATE.	
		1	ľ	l I	ING HAS BEEN INSPECTED IN ACCORDINGS WITH AN	
	i	i	l	1 1	WAS DETERMINED TO BE IN AIRWORTH CONDITI	
				900	IND AND 385847988 IA.	
				4		
5-18-18	TACH	IME:	1626-2	- 125	TALLES NEVLY OVERLYANCED ALTORNATOR PIN:	
	ľ	1		l i	02723 INSTALLED NEW YOUTHER RECULTION AIN.	
	1			1 I	07. CHANGES ENGUE OIL AND DIL FILTER. INSTALLED	
	1			1 1	BIOB-2 AND SOLVICOD ENGUE WITH B QUATS	
					ctes our our futor. No Discrepancies mores.	
	Penca	MED E	mave	New-U	DO LEAR CHECK.	
					(ABN 385847988 IA.	
		_		4		
6/14/2018 Drained AA48108	and serv	iced eng sted oil	gine oil pressu	re regula	ts of Aeroshell W100 and replaced oil filter with a ator ½ turn CW (5psi). A&P 369544480	
7-8-10	RIGHT	TACH	: 172	6.2	changed engine oil and oil filter. Installed	
	3				48108-2 DA SOWILD EVOWE WITH 8 AME	
	Aeros	ter l	cow A	D OIL.	INSPECTED OUR OIL FILTER - NO DISCREANCIES	
	भ्याका.	Perso	AMED	B-G-	E AUN-UP AND LEAR CHECK.	
				En		

	Total	Time	Time Sir Over		Engine Service and Maintenance Recor
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal ar installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins
rrie 10/12	/2018 F	CH tach	: 1828.8	3	
Dı	ained ar	nd servi	ced eng	ine oil v	with 8 qts of Aeroshell 15W50. Replaced oil filter with a
— AA48	3108-2.	Inspecte			and clean.
_				Gregor	y E. Smith 369544480 IA
			,,	July	ony & South
2-18-19		!	! 1		INE TSERM: 1245.7 PERFORMED ANNUAL
	INSPEC	tian in	Acco	coma	WITH PIDER PARA-ZOOT SERVICE MANUAL AND CAR
	PART	43 AA	Pevalue	D. TH	E FOLLOWING MANTENNICE WAS POLIGIMED:
	Compa	er510^	TEST	: 1)	6/80 2) 73/80 3) 77/80, 4) 68/80 5) 64/8
	6)75/8	b. [NS	TAURD	NENL	y Overhaved Cylwobi From Harmson Engwe
			1 - 6 - 1		KING ALL NOW CASKETS AND SOME. CHANGED
	1				. WSTALLER NOW OIL FILTER Plu; AQ48108-2 AM
					COWNER PHILLIPS 20450 STRAIGHT MWELTL OIL.
· · · · · · · · · · · · · · · · · · ·	1				-NO DISCLEPANCIES NOTED. INSPECTED AND CLEMEN
	1		1		
	1)	i	i	I	MENECISO AND CLEMBO FUEL INJECTOR NOZZIES. GENE
			1	- 1	Plubs. INSPECTED ENGUE MOWIT, FREWAR AND
	1				1800-TO-BROWL TIME. INSASCISO WIRE AND EXAME
					O CHARAEL, WHE PIPE AND UNDTE GATE ASSEMBLY.
	INSPEC	TEO M	ta~eta	, VACU	rm trust, Actourton, STANDE, ACTOURTE AND COM
	al ad	ace,	wer in	JECTO	L SONO, FUEL AMP, FUEL DISTRIBUTION, PROPERTIE
	aover	102, TA	cu bru	UE, 51	MY PWG LEAS AN OLLWOOL ASSEMBLIES. INSTETS
	AU EN	ave e	BACCLE	, Flex	1616 BAFFLE MATERIAL AND ENQUE COURS. INSPECTE
		1		1	AND ALVED LINES. INSPECTED AND WERLETTED AND
					D ENAWS. POLLORNED ENAUE PUNIT AN CEAR
		1			AND PREZENTES NORMEL. CHELLOS AND THROUGH
	1				NEW OR RECORDER AD'S DUE AT THIS TIME AND
		1]		
	1	1		i	IS ENGLIE HAS BEEN INSPECTED IN ACCORDANCE
		i	THE IN.	1	N AND WAS BETOLINGED TO BE IN ALRESON-THE
	CONDIT	rov.		E	-Sp. 2 ALP 385847988 IA.
3/2	2/2010	PT+00	:h: 1893	7	-
					numn with a Dance of AAAGGYY
· I c	ertify th	is aircra	aft to be	air wo	pump with a Rapco p/n 442CW, s/n 182646. rthy and return to service.
	•			Grego	ory E. Smith A&P369544480 IA
					my South

Shares and

	Tota	l Time		nce Last rhaul	Engine Service and Maintenance Record
Date	Hours	Min	Hours Min		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Date:	Apr 19, 2 Piper		Taci		1909.6 (RT Engine) N47815 34-200T S/N: 34-7870004 ———
- on rig	ht engine ircraft is a	. Ops chapproved	neck alte d for retu	rnator O	o be sent out for overhaul. Re-installed alternator PK. Prvice this date.
Signat	ure	Luke	nel K	on	A&P3440119
		1			-
5/6/2010	9 7401	1917	7		Deliver a stronger tolling
14/0-01	()TCA,	1111			DRAWED & SERVICED ENGINE OIL WITH
*					ENTS WIOD PEPLACED OIL FILTER
4.					CH48108-1. INSARTED OLD FILTER CLEAN-
					C101041 Suit 891 30134448012
j.					
	1				
16/2019	Tach.	1964	(6		DRAINED & SERVICED ENGINE OIL WITH
					80TS W100, REPLACED OIL FILTER
					CH48108-1. INSPECTED OLD FILTER-CLEAN-
					Gregory Smith A483695444801A
8-7-19	TACH	line.	2018 (CUA	WARD ENAME OIL AND OIL FILTER. INSTALLED NEW
	!				AND SOLUCION ENGINE WITH & QUALTS ABLOSHELL
	1				LID DIL GILTER - NO DISCREAMCIES NOTED.
,				7	AND LEAR OHECK. INSPECTED AND CLEMED
	1 1	1	TOK NO	- 1	
	FVEL	INGEC	, or 100	G	
···					AAP 385847988 IA.
12/10/2019			-	OF THE STREET	N47815
Drained a	nd servi	ced oil	-		d replaced oil filter CH48108-1.
			ureg	ULA E''	mith A&P369544480 IA



	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
Date	Hours Min	Hours Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Carried forward -			
2-5-20	TACH TIME:	2092. ENGI	WETSFAM: 1466.4 POLGAMES ANNUAL INSPECTION
	IN ACCOLON	VOG WITH PI	DOR SENECA II SERVICE MANUAL AND GAL PART 43
			A MAINTENANCE WAS POLERMED: COMPRESSION TEST:
			(80 4) 75/80 5) 75/80 6) 50/80. CHANGED
	1 1 1	1 ' 1 '	. INSTALLED NOW OR FILTER PIN: CHEBIOB-1 AND
	1 1	1 1	QUALTS PHILLIPS 20050 STANGET MIMOUAL OIL.
	1 1	1	NO DISCREPANCIES NOTED. REMOVED #1, #5 AND
-	1 1	1	ALED NOME OVERHAVED CHLUMENS USUG NEW
	SEALS AND	MINETS. BAC	THE IN TO BE PERFORMED BY AIRCRAFT DUNCES.
	Instected A	OCEANOS AN	O THEATED CHALLENGION AIM GILTER. INSPECTED AND
	CLEANER FUE	I MOECTOL N	2215. CLEANES, CAPPED AND ROTATED SPANK ALVES.
	1	i i	FUNELWALL AND STANCTURE. CHECKED MEGATO-TO-ENCWE
	TIMES, INSP	ECRES I-TRALE	AND GRUAST SYSTEMS. INSTALLOO NEWLY OVOLHAULED
	#1 CULLUPA	EXLLANST RIS	SER PIN: 640964-101. INSPECTED TURBO CHARGER, WHE
	PIPE AND WAS	TE GATE ASS	enow. Inspected Authorizan, winner the Guid
	careyar w	B, INSPECTE) AU ENGINE BARCIE, FEERIBLE BAFFILE MATHEMAL.
	inspected e	TOWE COMS A	NO COUL GLAPS. INSPECTED MAGNETOS, SACUUM PUMP,
	ACTERIATOR,	STARTER, ALT	FORWATE ALL DOOR, AIR BOX, OIL COOLDE, FUEL INSECTOR
			SUROZ, PAPEROL GOVEWOR, TACH DAWE, SPACE ANG
		a 1	MBLIES. INSPECTED AND LUBALATED ALL ENGINE CONTROL
	mustes enc	US. POLEMM	so braws hun-up and lean-check. All tempentures
	Ans Aressu	res normal.	CHECKED AS'S THROUGH SI-WEBLY 2020-03. NO
	NOW OR REC	weens As's D	WE AT THIS TIME AND DATE. I CONTIGHTHAT THIS
	Engine has	DEEN INSPECT	BO IN ACCORDING WITH AN ANNUM INSPECTION AND
	WAS DETEL	MWWO TO BE	IN ALL WORTHY CONDITION.
		٤	- SNO MAN 305 B47988 IA.
4-8-20	TACH TIME:	2107.7 CHA	MED ENGINE OIL AND OIL FICTOL. INSTALLED NEW OIL
	FUTER MS:	CH48108-2	AND SOLVICED ENGINE WITH BOWATS ACCORDED WISO
	eransou.	inspector ou	O AL FUTEL - NO DISCHEPANCIES NOTED. TOOK AL SAMPLE
	COR ANALYSI	s. Instaued	NEW PIPOL MISTURE CONTROL CUSIE P/N: 554-293 AND
		1 1	of . Persones than fun-up and cent cutch. All
	TEMPERATUR	ES AND PRESS	
		2	- SC DEV 885847988 IA.







FAA/UNITED STATES	AUTHORIZED RELEA FFA FORM 8130-3, AIRWORT Service, Inc. 301 Detro	HINESS APPROVAL IAC	5. Work Order/Contract/Invoice Number:
Harrison Engine To Description: Con	658189	antity: 10. Serial Number:	11. Status/Work: Over hau
Remarks:	Inspect Nuchrome Overhaul		
Ba. Certifies the items identified all Approved design data and a	re in condition for safe operation. specified in Block 12	and described in Block 12 was a Federal Regulations, part 43 an for return to service.	rvice ☐ Other regulation specified in Block 12 becified in Block 12, the work identified in Block 11 accomplished in accordance with Title 14, Code of d in respect to that work, the items are approved
3b. Authorized Signature:	13c. Approval/Authorization No	14b. Authorized Signature: Oaval Jury 14d. Name (Typed or Printed):	I DODOSK
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyy):	Lanial Turi	1:29.21



	Total	Total Time		nce Last 'haul	Engine Service and Maintenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Right tach: 2165.1 8/07/2020

Drained and serviced engine oil v	vith 8 qts of Aeroshell	15W50. Replaced	oil filter with a C	H48108-1.
Inspected filter and found clean.	Gregory E. Smith	369544480 IA		

11	n/	22	/2(020	Right	tach:	2214.8
----	----	----	-----	-----	-------	-------	--------

Drained and serviced engine oil with 8 qts of Aeroshell 15W50. Replaced oil filter with a CH48108-1. Inspected filter and found clean.

Gregory E. Smith 369544480 IA 2-22-21 TACH TIME: 2238.8 ENGINE TSFRM: 1613.1. PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENECA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1) 78/80 2) 46/80 (NOW 74/80) 3) 64/80 4 76/80 5) 77/80 6) 62/80. CHANGED ENGINE OIL AND OIL FILTER. INSTALLED NEW OIL FILTER P/N: AA48108-2 AND SERVICE ENGINE WITH 8 QUARTS PHILLIPS 20W50 TYPE M ENGINE OIL. RMOVED #2 CYLINDER AND INSTALLED NEWLY OVERHAULED CYLINDER ASSEMBLY USING NEW GASKETS AND SEALS. SEE FAA FORM 8130-3 FROM HARRISON ENGINE SERVICE, INC. DATED 1-29-21. INSPECTED, CLEANED AND RETREATED CHALLENGER ENGINE AIR FILTER. INPSECTED AND CLEANED FUEL INJECTOR NOZZLES. CLEANED, GAPPED AND ROTETED SPRAK PLUGS. INSPECTED ALL ELECTRICAL WIRING AND FLUID CARRYING LINES. INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED TURBO CHARGER, WYE PIPE AND WATSE GATE ASSEMBLY. INSPECTED ALL ENGINE BAFFLE AND FLEXIBLE BAFFLE MATERIAL. INSPECTED ENGINE COWLS AND COWL FLAPS. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETOS, VACUUM PUMP, ALTERNATOR, ALTERNATE AIR DOOR, AIR BOX ASSEMBLY, OIL COOLERFUEL INJECTOR PUMP/SERVO, PROPELLER GOVERNOR, TACH DRIVE, SPARK PLUG LEADS AND CYLINDERASSEMBLIES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. PERFORMED ENGINE RUN-UP AND LEAK CHECK. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AD'S THROUGH BI-WEEKLY 2021-05. NO NEW OR RECURRING AD'S DUE AT THIS TIME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A&P385847988IA

4-7-21	TACH TIME: 2257.9 CHANGES ENGINE OIL AND OIL FILTER. INSTALLED NEW OIL
	GOTEN PW: AA4BIOB-2 AND SERVICED ENGINE WITH BOUNTS AEROSHELL 100 W
	GRANE OIL. INSPECTED OLD OIL FILTEL - NO DISCREPANCIES NOTED. INSPECTED AND
	CLEANDS #2, #4, #6 CYLMOER FUEL INJECTION MOZZEZS. INSTALLED NEW CHT
	PROBE Pla: 1260 In #6 CHLINDER. PERSONNED ENGINE RUN-UP AND LEAR CHECK.
	AU TEMPORATURES AND PRESSURES NORMAL. WASHED ENGINE.
	20166 AAP 385847988 IA.

1. Approvin	g Civil Aviation	2	AUTHORIZ	ED RELE	ASE CERTIFICA	TE	3. Form
Au	thority/Country:	2.1			HINESS APPROVAL TAG		
FAA/U	JNITED STATES						7 100
4. Organiza	tion Name and Address						5.Work
D I	445 Cardinal Lana Hartl	and WII	52020 (NIESDO64	ND			Num
Rapco, inc	c., 445 Cardinal Lane, Hartl	and, wi	33029 (NE3K004	IN)			
					140 0 11111		11 0
6. Item:	7. Description:		8. Part Number 442CW	9. Quantity	10. Serial Number:		11. Sta
1	Vacuum Pump		442CW	1	182646		
1			/				
12. Remark	s:						
	tem has been overhauled in accor						
	s that the work specified in block er EASA part 145 approval number			ance with EASA	Part 145 and with respect to the	at work the a	irticle is co
service unde	er EASA part 143 approvar numbe	I LASA.	.1+3.4602				
13a. Certifi	es the items identified above we	re manu	factured in conform	ity to: 14a	X 14 CFR 43.9 Return to s	ervice X	Other regi
1.00	医乳腺 其黑 水温 化						
Ap	proved design data and are in a c	ondition t	for safe operation.		tifies that unless otherwise spe		
N.		in Dlook	10	Contract Con	ck 11 and described in Block Code of Federal Regulations,		
- Land NO	on-approved design data specified	III DIOCK	12.		approved for return to service.		ni respect t
13b. Autho	rized Signature:	13c. App	proval/Authorization	No.: 14b	. Authorized Signature	14	c. Approv
					The no dem		
10101	(T1	12 Date	e (dd/mmm/yyyy):	144	. Name (Typed or Printed):	14	e. Date (d
13d.Name ((Typed or printed):	13e.Date	(uu/mmm/yyyy):	1310	JARED WERMAGER		e. Date (c
	但我这样不是不是不是		建筑等建筑		Market State College		
7	to understand that the existence of this do		Us	er/Installer Res	ponsibilities	ole	
Where the user	r/installer performs work in accordance w s essential that the user/installer ensures the	ith the natio	nal regulations of an airwor	thiness authority diff	erent that the airworthiness authority	of the country s	specified
specified in Bl		ie ms/ner an	Twortimess additiontly accep	ts ancian engine(s)/p	ropener(s) article(s) from the an worth	inicss addiority	of the count
Ctatamanta in 1	Blocks 13a and 14a do not constitute insta	llation corti	fination In all cases aircra	ft maintenance record	e must contain an installation certifica	tion issued in a	ccordance
with the nation	nal regulations by the user/installer before	the aircraft	may be flown.	it maintenance record	s must contain an instanation certifica	tion issued in a	ccordance
FAA Form 81:							
				entropy A	and the second second second second second		

PUMP'INSTALLATION CHECKLIST Not following all items will void your warranty 1. Blow all lines out to remove foreign matter 2. Change all filters 3. Check/Change Garlock seal if leaking 4. Check for Oil leaks 6. DO NOT disassemble pump 7. Cover unit when cleaning engine with any solvent 8. Check all lines for dry rot and damage 9. Complete warranty registration card, return immediately Customer Warranty Request card must be returned and properly completed with defective pump for warranty considerations 445 Cardinal Lane Hartland, WI 53029 www.rapcoinc.com REPLACEMENT AIRCRAFT PARTS CO. CUSTOMER Owner **IMPORTANT!** This card must be Company completed and returned Address with non-returnable pump for warranty consideration City **Unit Installed** Aircraft Part No. Date Installed

Hrs. Hrs.

Tach Time On

Tach Time Off

PUMPS SENT IN FOR WARRANTY WILL NOT BE RETURNED

	AUTHORIZED RELE FFA FORM 8130-3, AIRWOF	EASE CERTIFICATE RTHINESS APPROVAL TAG	3. Form Tracking Number:
4. Organization Name and Address: Harrison Engine	Service, Inc. 301 Det	roit St., La Porte, IN 46350	5. Work Order/Contract/Invoice Number:
6. Item. 7. Description:	8. Part Number: 9. C	duantity: 10. Serial Number:	11. Status/Work:
12. Remarks:	Insper Heme Over	ct al Complete	
13a. Certifies the items identified above ☐ Approved design data and are in ☐ Non-Approved design data spec	n condition for safe operation.	Certifies that unless otherwise specified in and described in Block 12 was accompliated in the complex of the c	☐ Other regulation specified in Block 12 n Block 12, the work identified in Block 11 shed in accordance with Title 14, Code of bect to that work, the items are approved
13b. Authorized Signature:	13c. Approval/Authorization No.	14b. Authorized Signature:	14c. Approved Certificate No: LR2R988K
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyy):	14d. Name (Typed or Printed):	14e Date (dd/mmm/yyy):

*											
Approving Civil Aviation Authority/Country:	2. AUTHORIZED REL	EASE	CERTIFICATE	3. Form Tracking Number:							
FAA/UNITED STATES FFA FORM 8130-3, AIRWORTHINESS APPROVAL TAG											
Organization Name and Address:				5. Work Order/Contract/Invoice Number:							
Harrison Engine			a Porte, IN 46350	19830							
6. Item: 7. Description:	8. Part Number: 9.	Quantity:	10. Serial Number:	11. Status/Work:							
Cyl Cont	658189	. [_	Overhaul							
•	Insped Hone Overha	11	Cenplek								
13a. Certifies the items identified above	were manufactured in conformity to	: 14a, 2 14 C	FR 43.9 Return to Service	☐ Other regulation specified in Block 12							
☐ Approved design data and are in ☐ Non-Approved design data speci		Certifies and des Federal	that unless otherwise specified cribed in Block 12 was accomp	in Block 12, the work identified in Block 11 lished in accordance with Title 14, Code of spect to that work, the items are approved							
13b. Authorized Signature:	13c. Approval/Authorization No	14b. Author	ized Signature:	14c. Approved Certificate No:							
		m	112	LR2R988K							
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyy):	14d, Name	(Typed or Printed):	14e. Date (dd/mmm/yyy):							

Engine Service and Maintenance Record Time Since Last **Total Time** Overhaul Record maintenance actions including engine part removal and Date installation and compliance with inspections, Airworthiness Directives, Min Hours Min Hours Special Inspections, Modifications and Service Bulletins

N47815 RT engine Tach: 2303.7 6/15/2021

Drained and serviced with 8 qts of Aeroshell W100 oil and replaced oil filter with a Tempest AA48108-2. Replaced the following gami fuel injectors and installed new ones, cyl #4(GM136), cyl #5(GF151), cyl #6 (GF151). All work done IAW installation procedure IP-97-003 revN/C, 12-5-1997 and TCM engine manual. I certify this engine to be airworthy and return to service.

Gregory E. Smith A&P369544480 IA

6/24/2021 tach:2312.9

Cŧ

N47815

Removed old electric right engine fuel pump p/n 2B6-44 s/n 8C-935 and installed rebuild pump p/n 2B6-44 s/n 10C-1260.

I certify that this aircraft is airworthy and return to service.

Gregory E. Smith A&P 3695,44480 IA

07/17/2021 Right tach: 2322.4

Drained and serviced engine oil with 8 qts of Aeroshell 15W50. Replaced oil filter with a Gregory E. Smith 369544480 IA CH48108-1. Inspected filter and found clean.

07/17/2021 Left tach: 2309.7

Drained and serviced engine oil with 8 qts of Aeroshell 15W50. Replaced oil filter with a Gregory E. Smith 369544480 IA CH48108-1. Inspected filter and found clean.

9-9-21 TACH TIME: 2379.2 ENGINE TSFRM: 1753.5. PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENECA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1)78/80 2)78/80 3)65/80 4)77/80 5)76/80 6)70/80. CHANGED ENGINE OIL AND OIL FILTER, INSTALLED NEW OIL FILTER P/N: CH48108-1 AND SERVICED ENGINE WITH 8 QUARTS AEROSHELL 100W ENGINE OIL. OPENED AND INSPECTED OLD OIL FILTER-NO DISCREPANCIES NOTED. INSPECTED, CLEANED AND RETREATED CHALLENGER ENGINE AIR FILTER. INSPECTED AND CLEANED FUEL INJECTOR NOZZLES. CLEANED, GAPPED AND ROTATED SPARK PLUGS. INSPECTED ALL ELECTRICAL, WIRING AND FLUID CARRYING LINES. INSPECTED ENGINE MOUNT, FIREWALL AND STRCTURE. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED TURBOCHARGER, WYE PIPE, AND WATSE GATE ASSEMBLY. INSPECTED ALL ENGINE BAFFLE AND FLEXIBLE BAFFLE MATERIAL. INSPECTED ENGINE COWLS AND COWL FLAPS. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETOS, VACUUM PUMP, ALTERNATOR ALTERNATE AIR DOOR, AIR BOS ASSEMBLY, OIL COOLER, FUEL INJECTOR PUMP/SERVO, PROPEELER GOVERNOR, TACH DRIVE SPARK PLUG LEADS AND CYLINDER ASSEMBLIES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. PERFORMED VALVE LAPPING PROCEDURE ON #3 CYLINDER EXHAUST VALVE. INSTALLED NEW INNER EXHAUST VALVE SPRING P/N: 625957, OUTER EXHAUST VALVE SPRING P/N: 625958 AND NEW ROTOCOIL ASSEMBLY P/N: 631654 ON #3 CYLINDER EXHAUST VALVE. REMOVED RIGHT HAND EXHAUST COLLECTOR ASSEMBLY AND REINSTALLED SAME USING NEW NO-BLOW EXHAUST GASKETS P/N: RA970(3 EACH). REPAIRED DIFFERENTIAL FUEL PRESSURE LINE AT THROTTLE BODY. PERFORMED ENGINE RUN-UP AND LEAK CHECK ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AD'S THROUGH BI-WEEKLY 2021-19. NO NEW OR RECURRING AD'S DUE AT THIS TIME AND DATE. I CERTIFT THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

A&P 385847988 IA

		Total Time		nce Last rhaul	Engine Service and Maintenance Record
\	Date	Hours Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives,
	10/13/2021 R Drained an CH48108-1. I	d serviced en	gine oil v r and four <i>Gregor</i> y	nd clear <i>v E. Smi</i>	ts of Aeroshell 15w50. Replaced oil filter with a
	miter. Installed new	/ EZ neat pad P/N	440 on oil si ce with the	ump. Run	hange, serviced engine with 8 quarts of Aeroshell W80 and a CH48108-1 -up leak check okay. The work on the Aircraft/component identified deral Aviation Regulations and is approved for return to service. AP 2725134 Matt Lahti
	1)76/80 2)74/80 3)63 INSPECTED, CLEANED CLEANED, GAPPED A ENGINE MOUNT, FIR PIPE, AND WATSE GA COWLS AND COWL F ALTERNATE AIR DOO SPARK PLUG LEADS A PERFORMED VALVE L ALL TEMPERATURES	AND PAR PART 43 A 8/80 4)73/80 5)72 D AND RETREATED ND ROTATED SPA EWALL AND STRC TE ASSEMBLY. IN LAPS. CHECKED M R, AIR BOX ASSEM ND CYLINDER ASS APPING PROCEDU AND PRESSURES M ID DATE. I CERTIF	/PPENDIX D. /80 6)64/80 CHALLENG RK PLUGS. II TURE. INSPE SPECTED AL AGNETO-TO IBLY, OIL CO SEMBLIES. IN JRE ON #3 C IORMAL. CH	THE FOLL THE FOLL D. DID NOT ER ENGINE CCTED INT. L ENGINE D-ENGINE FOLER, FUL ISPECTED TYLINDER I ECKED AD ENGINE I	RMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENECA II OWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: CHANGE ENGINE OIL OR OIL FILTER AT THIS TIME AND DATE. E AIR FILTER. INSPECTED AND CLEANED FUEL INJECTOR NOZZLES. ALL ELECTRICAL, WIRING AND FLUID CARRYING LINES. INSPECTED AKE AND EXHAUST SYSTEMS. INSPECTED TURBOCHARGER, WYE BAFFLE AND FLEXIBLE BAFFLE MATERIAL. INSPECTED ENGINE TIMING. INSPECTED MAGNETOS, VACUUM PUMP, ALTERNATOR, EL INJECTOR PUMP/SERVO, PROPELLER GOVERNOR, TACH DRIVE AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. EXHAUST VALVE. PERFORMED ENGINE RUN-UP AND LEAK CHECK. O'S THROUGH BI-WEEKLY 2022-06. NO NEW OR RECURRING AD'S IAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL DINDITION. A&P 385847988 IA
	9/09/2022 Drained a	Aviation Regulati	2583.7 ngine oil	with 8	er change, serviced engine with 8 quarts of Aeroshell W100 and a CH48108-aft/component identified above was accomplished in accordance with the per return to serviceEND— AP 2725134 Matt Lahti Question of Aeroshell W80. Replaced oil filter with a san. Smith 369544480 IA
Ì					·

!	Total	Time	Time Sin Over		Engine Service and Maintenance Record		
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Special Inspections, Modifications and Service Bulletins 3-9-23 TACH TIME: 2608.0 ENGINE TSFRM: 1982.3 PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENCA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1)78/80, 2)72/80, 3)62/80(WAS 32/80), 4)72/80, 5)78/80, 6)62/80. DID NOT CHANGE ENGINE OIL OR OIL FILTER AT THIS TIME(SEE LOG BOOK ENTRY DATED 9-9-22). PERFORMED EXHAUST VALVE LAPPING PROCEDURE ON #3 CYLINDER. INSTALLED THE FOLLOWING NEW PARTS: OUTER SPRING P/N: 625958(1 EACH), INNER SPRING P/N: 625957(1 EACH), ROTOCOIL P/N: 631654(1 EACH), KEEPER P/N: SA627731(2 EACH), INSPECTED, CLEANED P/N: 501867(2 EACH), ROCKER SHAFT NUT P/N: 646605(2 EACH), INSPECTED, CLEANED AND RETREATED CHALLENGER ENGINE AIR FILTER. INSPECTED AND CLEANED FUEL INJECTOR NOZZLES. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. INSPECTED TURBO CHARGER, WYE PIPE, AND WASTE GATE ASSEMBLY. INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED INTAKE AND EXHAUST SYSTEMS. INSPECTED TURBO CHARGER, WYE PIPE, AND WASTE GATE ASSEMBLY. INSPECTED ALL ENGINE BAFFLES AND FLEXIBLE BAFFLE MATERIAL. INSPECTED ENGINE COWLS AND COWL FLAPS. CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETOS, VACUUM PUMP, ALTERNATOR, ALTERNATE AIR DOOR, AIR BOX ASSEMBLY, OIL COOLER, FUEL INJECTOR PUMP, FUEL SERVO, PROPELLER GOVERNOR, TACH DRIVE, SPARK PLUG LEADS AND CYLINDER ASSEMBLIES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. WASHED ENGINE. PERFORMED ENGINE RUN-UP AND LEAK CHECK. ALL TEMPERATURES AND PRESSURES NORMAL. CHECKED AD'S THROUGH BI-WEEKLY 2023-05.NO NEW OR RECURRING AD'S DUE AT THIS TME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION							
5/4/202	3 RT	Tach:	BE IN A	oil with	h 8qts of Aeroshell 15w50 and replaced oil filter with a		
Cn461	oo, ixan	·	, , , , , , , , , , , , , , , , , , , ,	Gre	gory E. Smith 369544480 IA		
			<u> </u>				
7/08/2023 RT tach: 2644.4 N47815 R&R fuel flow transducer from JPI p/n 700900. Ran engine to verify signal is working for owner to calibrate fuel flow meter(29.46). I certify that this aircraft airworthy and return to service. Gregory E. Smith A&P 369544480/IA							
8-16-23					always engine oil and oil filter. Installed New		
					08-1 AND SOURCES ENGINE WITH BOUNTS		
					E DIL. PORSELLES ENGLIE RUN-UT AND LEAR OFFICE.		
	Au	TEMPER	natures	Au i	PROSSULES NORMAL. INSPECTED OUD ON ALTER - NO 15T MLED NON ROCHON GOVER ANSWES ON #2 AND 44		
		worm.	1	rea, 1A	STALED NON RELIGIOUS CONSILES ON		
					6 ユーレーハ <i>ル ・ アミ</i> ア ラカコタモ・アロロ		



	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

10-14-23 TACH TIME: 27:17.2 ENGINE TSFRM: 2091.5 PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER SENCA II SERVICE MANUAL AND FAR PART 43 APPENDIX D. THE FOLLOWING MAINTENANCE WAS PERFORMED: COMPRESSION TEST: 1)78/80, 2)72/80, 3)54/80, 4)71/80, 5)77/80, 6)48/80, CHANGED ENINGE OIL AND OIL FILTER. INSTALLED NEW OIL FILTER P/N: 6H48108-2 AND SERVICED ENGINE WITH 8 QUARTS AEROSHELL 80W ENGINE OIL. INSPECTED OLD OIL FILTER-NO DISCREPANCIES NOTED. INSPECTED, CLEANED AND RETREATED CHALLENGER ENGINE AIR FILTER, INSPECTED AND CLEANED FUEL INJECTOR NOZZLES. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. INSPECTED ALL ELECTRICAL, WIRING AND FLUID CARRYING LINES. INSPECTED ENGINE MOUNT, FIREWALL AND STRUCTURE. INSPECTED INTAKE AND EXHAUST SYSTEMS. REMOVED INBOARD EXHAUST COLLECTOR ASSEMBLY. PLOISHED #4 CYLINDER EXHAUST PORT. REINSTALL EXHAUST COLLECTOR ASSEMBLY USING NE BLOW PROOF GASKETS P/N: RA970(3 EACH). INSPECTED TURBO CHARGER, WYE PIPE. AND WASTE GATE ASSEMBLY. INSPECTED ALL ENGINE FLAPS, CHECKED MAGNETO-TO-ENGINE TIMING. INSPECTED MAGNETOS, VACUUM PUMP, ALTERNATOR, ALTERNATE AIR DOOR, AIR BOX ASSEMBLY, OIL COOLER, FUEL INJECTOR PUMP, FUEL SERVO, PROPELLER GOVERNOR, TACH DRIVE, SPARK PLUG LEADS AND CYLINDER ASSEMBLIES. INSPECTED AND LUBRICATED ALL ENGINE CONTROLS. INSPECTED ENGINE BAFFLES AND FLEXIBLE BAFFLE MATERIAL. INSPECTED ENGINE COWLS AND COWL FLAPS. WASHED ENGINE. PERFORMED ENGINE RUN-UP AND LEAK CHECK. ALL TEMPERATURES AND PRESSURES NORMAL INSTALLED NEW ROCKER COVER GASKETS ON #3 AND #5 CYLINDER ROCKER COVERS P/N: RG-632310(4 EACH). CHECKED AD'S THROUGH BI-WEEKLY 2023-21. NO NEW OR RECURRING AD'S DUE AT THIS TME AND DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN - 11. AIRWORTY CONDITION.



· ·	Ş	J.		AAP 3.05847908 JA
			,	
·				:
				<u> </u>
17				

