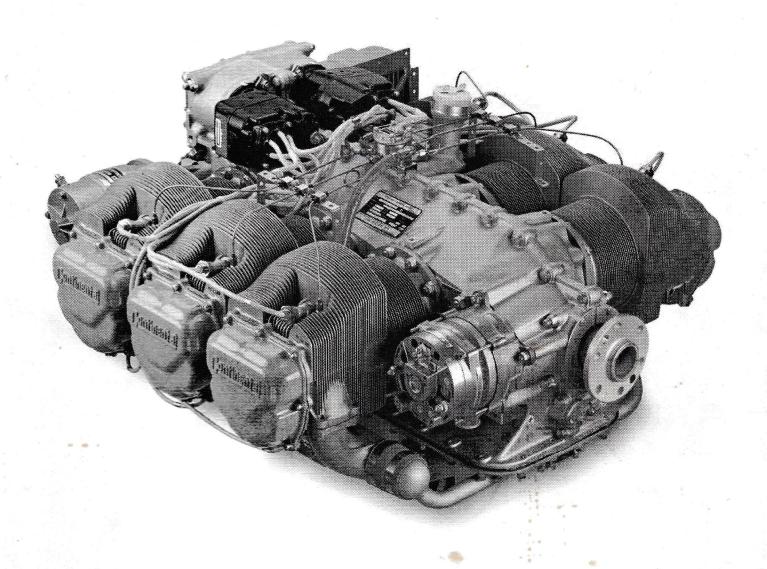
ENGINE LOG BOOK





Teledyne Continental Motors, Inc.

Date	Tota	l Time	1	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
	PL. SERV	AIR V AINS VICES V	Air Plain Vellingto Vellingto CRS #MN	n Airport n, KS 67	N#: 42818 7152 Tach: 3385.97
Co ins	ORP. STO spected fol 0/02/05	C SA00152	2WI. Engin	ce NEW. N le oil draine	Engine Log OTAL TIME SFRM. Installed Hartzell PHC-L3YF-1RF Scimitar Modifications performed in accordance with AIR PLAINS SERVICES, d and replenished with Phillips 20/50 mineral oil. Filter opened and ils of modifications performed, reference FAA Form 337, Dated: RH Mag Serial #: F05EA100R
Al	ternator S	Serial #: 1 erial #: 05	F012110		LH Mag Serial #: F05EA100R LH Mag Serial #: F05EA159R Starter Serial #: 04 89 0131
Thin	En				
Ins	CNO	une.	m	was repaired a	and inspected in accordance with current regulations of the FAA and is approved for return to service.
	Telep	Signed	1//	n//	Inspector
				1 TO 1 1	

*				nch Dr. F	Petaluma, Ca. 95954 (707) 778-6767 N42818 Tach: 3519.84 TTIS: 133.87
sc # G m	creen. It erforme 6 75/8/ round r laintena	No met ed comp 0. Chec run and ance ma iy this e	al found ression of ked mag leak che nuals. Engine I	I. Service theck, # g timing eck ok. # has bee	filter and inspected. No metal found. Cleaned oil ed engine with 12 qts. of Aero Shell 15W50. 1 73/80 #2 75/80 #3 73/80 #4 75/80 #5 73/80 Inspected, serviced and rotated spark plugs. All work done in accordance with manufacturers In inspected in accordance with an annual
	nspecti	ion and	l was de	etermin	MICHAEL L WILSON AP569935580IA
2 1					

Date	Total T	ime	1	Since verhaul	Engine Service and Maintenance Record
· · · · · · · · · · · · · · · · · · ·	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		→			
	n 1				
9				x	ÆR VENTURE
	n 10 100			561 Sky	Ranch Dr. Petaluma, Ca. 95954 (707) 778-6767 N42818
,	* · · · · · · · · · · · · · · · · · · ·			Date:	6/27/07 Tach: 3620.61TTIS: 234.64
					Cut open filter and inspected. No metal found. Cleaned oil
					nd. Serviced engine with 12 qts. of Aero Shell 15W50.
					n check, #1 73/80 #2 75/80 #3 69/80 #4 72/80 #5 69/80 nag timing. Inspected, serviced and rotated spark plugs.
	G	Ground	d run an	nd leak o	check ok. All work done in accordance with manufacturers
	1		enance n tifv this		e has been inspected in accordance with an annual
					determined to be in airworthy condition
					× ///
					Peter J. Bradley IA626768853
					<i>y</i>
					DATE: 7/25/2008
	ENGINE MO ENGINE S/N REG. NO: 42	V: 832463		501	A/C TSN: 3748.5 1 Sky Ranch Drive ENG TT: 362.53
	WORK ORD		76		taluma, CA 94954-3908 TACH: 3748.5 one: (707) 765-1848
	Engine E			oo oomplote	ed on engine, using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002)
	Section II	Engine (Compartme	nt Oil drain	ted, oil screen removed, inspected, (no metal particles) and installed. Oil serviced to 10 TCM SB03-3, Differential Pressure Test, baseline of 43/80. Cylinder 1- 60/80, 2-64/80,
	3-66/80, 4-	-64/80, 5	5-68/80, 6-6	8/80. TCM N	MSB94-8A complied with for magnetos, timing and sync'd at 22 degrees BTC, cylinder #1.
	discrenance	ries M	lagneto right	t timed to 23	2 degrees BTDC. Operation and leak check satisfactory Engine induction system ort bracket with worm drive clamp Engine oil cooler upper baffle sealed with rubber
	channel.				*
	I CERTIFY T	THAT TH	IS ENGINE H	AS BEEN INS	S CHECKED NORMAL. SPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN INDED TO BE IN AIRWORTHY CONDITION.
	ONE OE				
	DATE: 7/2	5/2008		SIGNED	Ornell, A&P: 560514655 IA Printed by EBis 3 (datcomedia.com)
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Date	Tota	l Time		Since verhaul				and Maintenance Record
=	Hrs.	Min.	Hrs.	Min.	Installati Modifica	ons, Inspection tions and Ser	ons, Airv vice Bu	worthiness Directives, Special Inspections lletins
Brought Forward		-						
Table and Treasure		DDEL: 10-52	0-D	Man	gon Aircra	ft, Inc.		DATE: 8/5/2009 A/C TSN: 3847.84
F.	ENGINE S/I REG. NO: 4	2818			ky Ranch Drive ima, CA 94954-	3908		ENG TT: 461.87 TACH: 3847.84
	WORK ORE	DER: 128/5	Pipe	Phone	e: (707) 765-184 info@mangona	8		17.617. 3047.34
	Engine 8	Entries						
	100 Hour i Section II. Qts. with S 3-52/80, 4 Primer and discrepand removed b Engine moto associa removed a	inspection Engine Co Shell 15W58/80, 5-5 d fuel syste cies EG by removing burnt install ted wiring. and sent ou	ompartment. 50 oil. Comp 50/80, 6-61/8 em pressure T probe cylin g heat sheld ed, all mount Tensioned aut for welding	Oil drained blied with TO 0. TCM MS checked, no der #5 re-p on exhaust t bolts remo alternator but. Intake sta	, oil screen re CM SB03-3, D isB94-8A comp o leaks. Exha ositioned to pi t and loosenin oved to install elt and saftiec ick installed in	moved, inspected ifferential Pressu liled with for magu ust system pressurevent chaffing in gevent chaffing in g all engine mour lock washers, bold. Ground operat	I, (no meta re Test, ba netos, timi ure checke to intake p nt bolts. Al ts torque t ion of alter and re-pos	D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) al particles) and installed. Oil serviced to 11 aseline of 41/80. Cylinder 1- 64/80, 2-61/80, ng and sync'd at 24 degrees BTC, cylinder #1. ed no leaks. See following corrected ipe Alternator and Alternator mount ternator and mount sent out to be re bushed. to 535 in lb. Installed alternator and connected mator satisfactory Cylinder #4 intake stack sitioned carburator heat collector to prevent place.
	ENGINE GI	ROUND OPE	ERATED, ALL ENGINE HAS	SYSTEMS C	HECKED NORI	MAI	HE REQUIF	RMENTS OF A 100-HOUR INSPECTION FOR AN
	DATE: 8/5	2/2000		SIGNED: (~ Q I	Polanne	1 0	Work Order: 12875
	DATE. GO				ell, A&P: 56051			Printed by EBis 3 (datcomedia.com)
	+						92.7	
		NONE MO	DEL: 10-520-D			. A!		DATE: 03 October, 2
	_ E	ENGINE S/N	: 832463	- Same	501 Sky Ra	n Aircraft, Inc	-	A/C TSN: 403 ENG TT: 65
		REG. NO: 42 WORK ORD		Piper	Petaluma,	CA 94954-3908		TSM
	┿.			Service Center	Phone: (70	7) 765-1848		TACH: 403
	1	Engine E		al/100 Hour i	nenaction and s	envice using Cassos	Service M	anual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II.
Tal] E	Engine Comp	partment. Oil di	rained. Oil filt	ter changed. Oil	serviced to 11 Qts.	with Shell 1	100 mineral oil for cylinder break-in period. Complied with TCM 80, 4-63/80, 5-58/80, 6-49/80. TCM MSB94-8A complied with fr
		nagnetos, tir	ming and sync'	d at 22 dear	ees BTC, cylind	er #1. Primer and fu	el system p	pressure checked, no leaks. Exhaust system pressure checked rqued to 360 in. lbs Magneto left Sn. BL-349350-4 and mag
*		ight Sn. BL-	349350-5 remo	oved for 500 l	hour service and	inspection interval	per TCM/Be	endix Service Manual X40000, section for S-1200 series. Carb
		engine at 22	degrees BTD0	C cylinder #1.	Leak and ops of	heck good Cylind	iers #1, #2,	sternally timed. Re-installed in original locations and timed to & #6 removed and replaced. Exhaust, induction systems, baffl
	- -	and fuel injec	tor lines remov	ved for acces	s. Re-installed	vlinders after overh	aul by FAA	Approved Repair Station TV3R881L in original locations. Cylin ide. Dry valve clearance checked within limits of go-no-go gau
	<u> </u>	nitial ground	run up comple	eted. Compre	essions after init	al run-up cylinder #	1-66/80, #2-	-72/80 and #6-70/80. Leak and ops check good.
	E	ENGINE GR	OUND OPERA	ATED, ALL S'	YSTEMS CHEC	KED NORMAL.	/	
						D IN ACCORDANC O BE IN AIRWORT		HE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TION.
	+ ,	DATE: 02 /	October, 201	1 01	GNED:	///	(Work Order: 13
	+ -	JA 1 E. 03 (JCIUDEI, 201			&P: 2845176 IA	ANT	Printed by EBis 3 (datcomedia.c
								DATE: 29 December, 201
		GINE MODE GINE S/N: 83		NEB	_	Aircraft, Inc.		A/C TSN: 4053.8
		 NO: 42818 RK ORDER 		Diago.	501 Sky Rand Petaluma, CA			ENG TT: 667.8 TSMOI
	"			Piper	Phone: (707)	765-1848		TACH: 4053.8
		gine Ent						
	+ Oil o	changed, Oil	filter replaced led O.K. Com	. Old oil filter	cut open and in	spected, nothing for erential Pressure Te	und. Engine est, baseline	washed and serviced with Aeroshell 15W-50. Engine ground e of 44/80. Cylinder 1-72/80, 2-70/80, 3-50/80, 4-60/80, 5-56/80
		0/80.				.1		
						1		
	T	TE: 00 D-	number 201	1 010	NED:	13		Work Order: 1373
	T DA	1 E. 28 DB	cember, 201		ne Salmes: A&F	3586922		Printed by EBis 3 (datcomedia.con
				Vical	- Vellion bei			
				-				
* = 11 <u>11 </u> 2	1							

	lotal	Time		Since verhaul		and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, A Modifications and Service E	Airworthiness Directives, Special Inspections, Bulletins
rought Forward	-					
	ENGINE S	MODEL: 10- S/N: 832463		13	angon Aircraft, Inc.	DATE: 08 June, 2012 A/C TSN: 4089.96
y	REG. NO WORK O	RDER: 1388	³³ <i>Pip</i>	Pet	1 Sky Ranch Drive taluma, CA 94954-3908 one: (707) 765-1848	ENG TT: 703.99 TSMOH: TACH: 4089.96
	Engine	Entries			(101), 1010	13/
			ple taken. Oil nd operated,			ing found, Engine washed and serviced with Aeroshell
	1300-30.1	Engine grou	rid operated,	Checked O.K.	\sim ρ	
	DATE: 0	10 June 20	140	CICNED		Mark Order, 13993
	DATE. 0	8 June, 20	712	SIGNED David Man	ngon, A&P: 3592237	Work Order: 13883 Printed by EBis 3 (datcomedia.com)
_						
	MAKE: Ce MODEL: 1		1	9	angon Aircraft, Inc.	DATE: 08 June, 2012 A/C TSN: 4089.96
	S/N: 1825 REG. NO:	42818	. Pip	Peta	aluma, CA 94954-3908	A/C TSN: 4089.96 TACH: 4089.96
		RDER: 1388 ne Entrie:	3 Service O	Pho	one: (707) 765-1848	WERAME IN DANK
			- Carrier	and EGT cor	nnections cleaned. Operational check satisfi	EXFRAME LOG BOOK
	-				-	
					DalMa	
	DATE: 0	8 June, 20	12	SIGNED:		Work Order: 13883
				David Man	gon, A&P: 3592237	Printed by EBis 3 (datcomedia.com)
	+		-	<u> </u>	A'ft les	DATE: 01 September, 2012
	MAKE: Ces MODEL: 18	82L	1		Ingon Aircraft, Inc. Sky Ranch Drive	A/C TSN: 4119.66 TACH: 4119.66
	S/N: 18259 REG. NO:	42818	Pipe	Peta	aluma, CA 94954-3908 ine: (707) 765-1848	- UM-
	Airfram	e Entries	13	Em A	MALED TO AIRE	be parts as needed. Reinstalled wing tip. Operational check
	on Strobe,	Nav and W	ing Tip Recor	nection Light	t were normal.	
			ė.			, i
	DATE: 0°	1 Septemb	per, 2012	SIGNED:		Work Order: 13991
	DATE: 0°	1 Septemb	per, 2012	SIGNED:	Ilinas, A&P: 3586922	Work Order: 13991 Printed by EBis 3 (datcomedia.com)
	ENGINE MOD	I DEL: IO-520	L	SIGNED:		Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012
		I DEL: IO-520 832463 818	L	SIGNED: Vicente (a) Mang	ilinas A&P: 3586922 I	Printed by EBis 3 (datcomedia.com)
	ENGINE MOD ENGINE S/N: REG. NO: 426 WORK ORDE	I DEL: IO-520 832463 318 ER: 14067	L	SIGNED: Vicente Sa Many 501 Sk Petalur	gon Aircraft, Inc. y Ranch Drive	Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72
	ENGINE MODE ENGINE S/N: REG. NO: 428 WORK ORDE	I DEL: IO-520 832463 318 ER: 14067	Piper	SIGNED: Vicente a Many 501 Sk Petalur Phone:	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69
	ENGINE MOE ENGINE S/N: REG. NO: 428 WORK ORDE Engine Er 100 Hour insp Compartment.	DEL: IO-520 832463 818 ER: 14067 Intries	Piper Perry Centr	SIGNED: Vicente a Many 501 S Petalur Phone:	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new file	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam
	ENGINE MODE ENGINE S/N: REG. NO: 428 WORK ORDE Engine Er 100 Hour insp Compartment. Guard. Compil MSB94-8A co	IDEL: IO-520 832463 818 RR: 14067 Intries Dection and social decimal d	Piper Pervice complete, oil filter rem for magnetos	SIGNED: Vicente a Mang 501 Sk Petalur Phone: eted on enginoved, inspect ferential Press for timing. Pr	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new file soure Test, baseline of 42/80. Cylinder 1-60 imer and fuel system pressure checked, no	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine
	ENGINE MOE ENGINE S/N: REG. NO: 426 WORK ORDE Engine Er 100 Hour insp Compartment. Guard. Compl MSB94-8A co 2012-03-06 et	DEL: 10-520 832463 818 ER: 14067 htries ection and s Oil drained lied with TCI implied with ff. date 02/2:	Piper Provide Complete Service complete I, oil filter remo M SB03-3, Diffor magnetos 4/2012 Fuel Ir	SIGNED: Vicente Sa Many 501 Sk Petalur Phone: eted on enginoved, inspector ferential Prese for timing. Pr njector Servo	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill soure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fail	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam j/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM leaks. Exhaust system pressure checked no leaks A.D.
	ENGINE MODE ENGINE S/N: REG. NO: 428 WORK ORDE Engine Er 100 Hour insp Compartment. Guard. Compl MSB94-8A co 2012-03-06 indicated in A: ENGINE GRC I CERTIFY TH	DEL: IO-520 832463 818 ER: 14067 Intries Dection and s Oil drained lied with TCI mplied with ff, date 02/2 vstar Fuel S	Piper Service complet, oil filter rem M SB03-3, Diffor magnetos A/2012 Fuel Ir ystem Service RATED, ALL S NGINE HAS E	SIGNED: Vicente Sa Many 501 Sk Petalur Phone: eted on engin oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new file sour Test, baseline of 42/80. Cylinder 1-60 imer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fai S-SB6 R2 Swapped fuel injector nozzles f	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 180, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM leaks. Exhaust system pressure checked no leaks A.D.
	ENGINE MODE ENGINE S/N: REG. NO: 426 WORK ORDE Engine Er 100 Hour inspection of the compartment. Guard. Compl MSB94-8A co 22012-03-06 et indicated in Article ENGINE GRC. I CERTIFY THANNUAL CER	DEL: IO-520 832463 818 R: 14067 Intries Decition and some control of the control	Piper Service complete I, oil filter remo M SB03-3, Dif for magnetos A/2012 Fuel In yestem Service RATED, ALL S NGINE HAS E N AND WAS	SIGNED: Vicente Sa Many 501 Sk Petalur Phone: eted on engin oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill ssure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fail S-SB6 R2 Swapped fuel injector nozzles f	DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 0/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM leaks. Exhaust system pressure checked no leaks A.D. illed fuel servo diaphragm is not applicable to date as from cylinders number 2 and 6 per customers request.
	ENGINE MODE ENGINE S/N: REG. NO: 428 WORK ORDE Engine Er 100 Hour insp Compartment. Guard. Compl MSB94-8A co 2012-03-06 indicated in A: ENGINE GRC I CERTIFY TH	DEL: IO-520 832463 818 R: 14067 Intries Decition and some control of the control	Service compli- L, oil filter remains M SB03-3, Diffor magnetos M-4/2012 Full Full Service Ser	SIGNED: Vicente a Mang 501 Sk Petalur Phone: eted on engir oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS SYSTEMS CH SEEN INSPE DETERMINE	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 ne, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill ssure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fail S-SB6 R2 Swapped fuel injector nozzles f	Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 1/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM leaks. Exhaust system pressure checked no leaks A.D. iled fuel servo diaphragm is not applicable to date as from cylinders number 2 and 6 per customers request.
	ENGINE MODE ENGINE S/N: REG. NO: 426 WORK ORDE Engine Er 100 Hour inspection of the compartment. Guard. Compl MSB94-8A co 22012-03-06 et indicated in Article ENGINE GRC. I CERTIFY THANNUAL CER	DEL: IO-520 832463 818 R: 14067 Intries Decition and some control of the control	Service compli- L, oil filter remains M SB03-3, Diffor magnetos M-4/2012 Full Full Service Ser	SIGNED: Vicente a Mang 501 Sk Petalur Phone: eted on engir oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS SYSTEMS CH SEEN INSPE DETERMINE	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 me, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill soure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fai S-SB6 R2 Swapped fuel injector nozzles f IECKED NORMAL. D TO BE IN AIRWORTHY CONDITION.	Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 1/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM Leaks. Exhaust system pressure checked no leaks A.D. lede fuel servo diaphragm is not applicable to date as from cylinders number 2 and 6 per customers request. UIRMENTS OF A 100-HOUR INSPECTION FOR AN Work Order: 14067
	ENGINE MODE ENGINE S/N: REG. NO: 426 WORK ORDE Engine Er 100 Hour inspection of the compartment. Guard. Compl MSB94-8A co 22012-03-06 et indicated in Article ENGINE GRC. I CERTIFY THANNUAL CER	DEL: IO-520 832463 818 R: 14067 Intries Decition and some control of the control	Service compli- L, oil filter remains M SB03-3, Diffor magnetos M-4/2012 Full Full Service Ser	SIGNED: Vicente a Mang 501 Sk Petalur Phone: eted on engir oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS SYSTEMS CH SEEN INSPE DETERMINE	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 me, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill soure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fai S-SB6 R2 Swapped fuel injector nozzles f IECKED NORMAL. D TO BE IN AIRWORTHY CONDITION.	Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 1/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM Leaks. Exhaust system pressure checked no leaks A.D. lede fuel servo diaphragm is not applicable to date as from cylinders number 2 and 6 per customers request. UIRMENTS OF A 100-HOUR INSPECTION FOR AN Work Order: 14067
	ENGINE MODE ENGINE S/N: REG. NO: 426 WORK ORDE Engine Er 100 Hour inspection of the compartment. Guard. Compl MSB94-8A co 22012-03-06 et indicated in Article ENGINE GRC. I CERTIFY THANNUAL CER	DEL: IO-520 832463 818 R: 14067 Intries Decition and some control of the control	Service compli- L, oil filter remains M SB03-3, Diffor magnetos M-4/2012 Full Full Service Ser	SIGNED: Vicente a Mang 501 Sk Petalur Phone: eted on engir oved, inspect ferential Pres for timing. Pr njector Servo Bulletin AFS SYSTEMS CH SEEN INSPE DETERMINE	gon Aircraft, Inc. y Ranch Drive ma, CA 94954-3908 (707) 765-1848 me, using Cessna Service Manual D637-13, ed, (no metal particles) and installed new fill soure Test, baseline of 42/80. Cylinder 1-60 rimer and fuel system pressure checked, no to prevent an in-flight shutdown due to a fai S-SB6 R2 Swapped fuel injector nozzles f IECKED NORMAL. D TO BE IN AIRWORTHY CONDITION.	Printed by EBis 3 (datcomedia.com) DATE: 09 November, 2012 A/C TSN: 4146.69 ENG TT: 760.72 TSMOH: TACH: 4146.69 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine ter. Oil serviced to 11 Qts. with Shell 15W-50 oil and Cam 1/80, 2-63/80, 3-50/80, 4-53/80, 5-64/80, 6-62/80. TCM Leaks. Exhaust system pressure checked no leaks A.D. lede fuel servo diaphragm is not applicable to date as from cylinders number 2 and 6 per customers request. UIRMENTS OF A 100-HOUR INSPECTION FOR AN Work Order: 14067
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Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections. Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward PROP MODE DATE: 09 November, 2012 A/C TSN: 4146.69 Mangon Aircraft, Inc. PHC-L3YF-1RF/F7691 LL JU 501 Sky Ranch Drive PROP S/N: FD524B REG. NO: 42818 PROP TT: 760.72 Piper Petaluma, CA 94954-3908 TACH: 4146 69 WORK ORDER: 14067 Phone: (707) 765-1848 TEN MOUSD TO PRAP LOG **Prop Entries** Completed a 100 Hour inspection and service on propeller using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked propeller. Blade backs painted and hub service with Aeroshell 6 grease. PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: 09 November, 2012 Work Order: 14067 Ronald Mangon, A&P: 3456258 IA Printed by EBis 3 (datcomedia.com) MAKE: Cessna MODEL: 182L Mangon Aircraft, Inc. DATE: 09 November, 2012 A/C TSN: 4146.69 S/N: 18259203 501 Sky Ranch Drive TACH: 4146.69 REG. NO: 42818 Petaluma, CA 94954-3908 WORK ORDER: 14067 Phone: (707) 765-1848 MOUED TO AIRFRAME Aircraft was inspected for compliance of FAR 91.409 (a) (1). Inspected and Serviced using, a checklist with those items extracted from the manufactures inspection guidelines, Cessna Service Manual D637-13, 01, Sep. 1968, (TR5, 07 Oct. 2002) Section II, which meets the requirements, scope and detail of FAR 43.13. Appendix D.... ELT removed, complied with AC 43-1-1B, Sec. 12-22, a. thru f. ELT meets FAR91.207 (d) requirements. ELT installed in original location with switch armed. Next inspection and battery replacement date due 7/2013.... A.D. 2011-10-09 Eff. dated 06/17/2011, Admt. 39-16690. Cessna Seats and Seat Tracks Complied with Paragraph's (e) through (g). Inspection will be due again, Date of 11/30/13 or at 4246.69 TT Hrs... Engi air filter replaced I/AW continued airworthiness requirements instructions per Brackett Air filter Document I-194.... Adjust governor RPM to 2850 at full power... CHT on cylinder number 5 trouble shot with Alcal 2000. Found that probe is good. Cleaned up connections. Operation check good... Headset jacks for pilot & co-pilot re-installed and torqued into holder... Vacuum pressure gauge hoses and proper connections check. No discrepancies noted. jacks for pilot & co-pilot re-installed and torqued into holder.... Vacuum pressure gauge hoses and proper connections check. No discrepancies noted. Check valves for primary and secondary pumps, operational and visual inspection satisfactory. Cleaned vacuum system regulator. Adjusted pressure to 5.0 in. HG and saffied. Operational check of both pumps satisfactory.... Window trim edge seal on pilots door placed back into place... Fuel gauges removed from panel. Needle moved from full position when gauges being manipulated out. Installed gauge reads empty with master on.... Cabin Heat box (fiberglass) at firewall repaired with metal circle strip riveted in and fiberglass epoxy.... Riv-nuts for both wing root panels removed and replaced with new... Brake linnings replaced on left main wheel, brake linnings conditioned I/A/W Cleveland conditioning procedures... Alternator belt replaced. Operations check good.... Complimentary aircraft belly de-greased, exterior wash, interior vacuumed and windows cleaned with Annual Inspection from AIRCRAFT GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF AN ANNUAL INSPECTION AND WAS DETERMINED TO IN AIRWORTHY CONDITION. DATE: 09 November, 2012 SIGNED: Work Order: 14067 Ronald Mangon, A&P: 3456258 IA Printed by EBis 3 (datcomedia.com) MAKE: Cessna Mangon Aircraft, Inc. DATE: 18 January, 2013 MODEL: 182L A/C TSN: 4158.55 TACH: 4158.55 S/N: 18259203 501 Sky Ranch Drive 441 Petaluma, CA 94954-3908 REG. NO: 42818 WORK ORDER: 14129 Phone: (707) 765-1848 MOUSD TO AIRFRAME LOS BOUX Airframe Entries Nose wheel assembly removed and static balanced, added one (1) gram wheel weight. Nose landing gear shimmy dampner removed. Installed FAA/PMA shimmy dampener Pn. SE1068-5, SiN: LKD1378. Aircraft High Speed Taxi Checked at 60 MPH. All checked satisfactory, no nose wheel shimmy..... Nose wheel pant removed, cleaned, and repaired, Installed new nose wheel bolt DATE: 18 January, 2013 Work Order: 14129 Ronald Mangon, A&P: 3456258 IA Printed by EBis 3 (datcomedia.com) ENGINE MODEL: 10-520-D DATE: 04 November, 2009 Mangon Aircraft, Inc. A/C TSN: 3881.47 ENG TT: 495.5 ENGINE S/N: 832463 501 Sky Ranch Drive REG NO: 42818 Petaluma, CA 94954-3908 TSMOH: WORK ORDER: 12956 TACH: 3881.47 Phone: (707) 765-1848 **Engine Entries** A.D. 2009-19-07 Eff. 10/7/2009 Not applicable due to MSB09-1B Section 1 Step 1 "Cylinders Installed On Engine" Para. 2 (b) number casting marks are present #1 649166AE #2 649166AF #3 649166AE #4 649166AE #5 649166AE #6 649166AF, this indicated these cylinders are not affected by MSB09-1B and no further action is required. MSB09-1B complied with.

Pocomell

DATE: 04 November, 2009

SIGNED:

John O Connell A&P: 3564328 IA

5

Work Order: 12956

Printed by EBis 3 (datcomedia.com)

Ju	te	Total	Time		Since verhaul				intenance Re	
A		Hrs.	Min.	Hrs.	Min.	Installations, Installations			Directives, Special Ins	pections,
rough	ENGINE MO ENGINE S/N REG. NO: 4: WORK ORD	1: 832463 2818	Pipe Service Cen	501 Peta	ngon Aire Sky Ranch Di Iluma, CA 949 ne: (707) 765-	craft, Inc. rive 954-3908			DATE: 14 June, 2013 A/C TSN: 4158.55 ENG TT: 772.58 TSMOH: TACH: 4158,55	
	Engine E	Entries								
						pection guide. Oil and oin and leak check good.	filter changed. Span	k plugs cleaned, g	paped, tested and rotated.	
				PECTED, SER		GROUND OPERATED	N ACCORDANCE W	ITH GUIDE FOR	A 50-HOUR SERVICE /	
	DATE: 14	June, 2013		SIGNED:	1	- Inl	wy		Work Order: 14295	
2				David Mang	on, A&P: 359	2237		Printed by E	Bis 3 (datcomedia.com)	-
		1RF/F7691 FD524B 12818 DER: 14295	Pip Service Co	501 Peta	Sky Ranch Daluma, CA 94one: (707) 765	954-3908	سا مثل		DATE: 14 June, 2013 A/C TSN: 4158.55 PROP TT: 772.58 TACH: 4158.55	
	Prop En 50-Hour ser		pection on p	propeller com	pleted using i	nspection guide. Propell	er blades inspected a	and tracked.		
				PECTED, SEI		GROUND OPERATED	IN ACCORDANCE V	VITH GUIDE FOR	A 50-HOUR SERVICE /	
	DATE: 14	June, 201	3	SIGNED:	1	Soul 1	May		Work Order: 14295	
· · · · · · · · · · · · · · · · · · ·			1	David Mang	gon, A&P: 359	92237		Printed by I	EBis 3 (datcomedia.com)	
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	Airfrai	182L 59203 D: 42818 DRDER: 142 me Entrie	95 s	Figure 275/	501 Sky Ranci Petaluma, CA Phone: (707) 7	a inspection quide. Serv	ced tires, battery and	brake reservoir.	A/C TSN: 4158.55 TACH: 4158.55 All outside hinge and bearing	
	MODEL: S/N: 182 REG. MOORK C WOORK C Airfran 50-Hour points lu	182L 59203 5: 42818 DRDER: 142 me Entrie service and bricated H	inspection of deat shield fi	on airframe co for engine mo NSPECTED, SCHECKED NO	501 Sky Ranci Petaluma, CA Phone: (707) 7 pmpleted usin; bunt on right si SERVICED A DRMAL.	h Drive 94954-3908 765-1848 PUSD 70 g inspection guide. Servide of engine removed a	ced tires, battery and nd repaired, installed	I brake reservoir. A in orignal location E WITH GUIDE FO	A/C TSN: 4158.55 TACH: 4158.55 All outside hinge and bearing	
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- Kalente	MODEL: S/N: 182 REG. NG WORK C Airfrar 50-Hour points lu THE ABG INSPEC DATE: ENGINE ENGINE REG. N WORK Engir 100 Hot Cessna D. Engi Complic MSB94 Fuel sy 09/09/2 Not app to cract lostfalle 06/16/2 behavee	182L 59203 5: 42818 DRDER: 142 THE Entrie service and bricated H DOVE ITEM H TION. ALL: 14 June, 2 15 S/N: 83246 ORDER: 13: 16 Entrie: 17 Ur inspection 18 Evice Man 19 Entrie: 18 ORDER: 13: 19 Entrie: 19 Ur inspection 19 Evice Man 19 Entrie: 19 Ur inspection 19 Evice Man 19 Entrie: 19 Ur inspection 19 Evice Man 19 Entrie: 19 Ur inspection 19 Entrie: 19 Ur inspection 20 Ur i	inspection of leat shield if AS BEEN II SYSTEMS Of 13 1 20-520-D 33 218 F 3 21	SIGNE David M SIGNE David M I David	Mangon A&P: Mango	ph Drive 94954-3908 765-1848	ei tiems extracted fron ich meets the requires) and installed. Oi 1-25/80, 2-68/80, 3 nds. See following cor separation of the cylent. Compiled with the cylinders, A. E. See following cor separation of the cylent. Compiled with the cylinders, A. E. See following cor separation of the cylent. Compiled with the cylinders, A. E. See following cor separation of the cylent. Compiled with the cylinders, A. E. See following cor separation of the cylent.	n the manufacture ements, scope and serviced to 10 Q. 62/80, 4-64/80, 5 removed cleaner recited discrepanciinder head. the 10/7/2009, To ry compliance of M. does not apply.	A/C TSN: 4158.55 TACH: 4158.55 TACH: 4158.55 All outside hinge and bearing DOR A 50-HOUR SERVICE / Work Order: 14295 DY EBis 3 (datcomedia.com) DATE: 06 August, 2010 A/C TSN: 3937.24 ENG TT: 551.27 TSMOH: TACH: 3937.24 s inspection guidelines, using d detail of FAR 43.13, Appendix ts with Shell 15W-50 oil.	7
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THE WAS TO SERVE TO S	MODEL: S/N: 182 REG. NG WORK C Airfrar 50-Hour points tu THE ABR INSPEC DATE: ENGINE ENGINE ENGINE WORK Engir 100 Hot Cessna D. Engi Complie MSB94 Fuel sy 09/09/2 Not app to crack installe 06/16/2 betwee and Fu ENGINI ENGINI ANNU/	182L 59203 5: 42818 DRDER: 142 THE Entrie service and bricated F DOVE ITEM H TION. ALL: 14 June, 2 E MODEL: 16 E S/N: 83248 ORDER: 13: THE Entrie: THE ENTRI	inspection of leat shield if the systems of leat shield in the sys	PIPE COMPILE TO SIGNE David M SIGNE David M	Mangon Serviced A Serviced A	m Drive 94954-3908 765-1848 PUSD 10 10 10 10 10 10 10 10 10 10 10 10 10	ei tiems extracted fron inch meets the requires) and installed. ei items extracted fron inch meets the requires) and installed. Or 1-58/80, 2-68/80, 3 ider #1. Fuel injector kes. See following cor separation of the cyle-19-07, effective de ent. Complied with the ton all cylinders, A.C. is. No applicable due eak check satisfactor.	n the manufacture ements, scope and serviced to 10 Qr. 62/80, 4-64/80, 5 s removed cleaner rected discrepanclinder head. Item 107/2009, To gy compliance of M D. does not apply e to date of manufacture. Adjusted idle	A/C TSN: 4158.55 TACH: 4158.55 TACH: 4158.55 All outside hinge and bearing DOR A 50-HOUR SERVICE / Work Order: 14295 DY EBis 3 (datcomedia.com) DATE: 06 August, 2010 A/C TSN: 3937.24 ENG TT: 551.27 TSMOH: TACH: 3937.24 s inspection guidelines, using d detail of FAR 43.13, Appendix ts, with Shell 15W-50 oil 69/80, 6-67/80. TCM d, inspected, and re-installed. cies A.D. 2009-16-03 eff. date prevent loss of engine power due SB09-1B, I/A/W Step 1 Cylinder A.D. 2010-11-04 eff. date acturer and no lifters changed mixture rod end to contact IC	ONT SE

ENGINE MODEL: 10-520-D ENGINE S/N: 832463 REG NO: 42818 WORK ORDER: 14493



Mangon Aircraft, Inc.

501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848

DATE: 13 December, 2013 A/C TSN: 4228.3 ENG TT: 842.33 TSMOH: TACH: 4228.3

ince Record Special Inspections,

Engine Entries

100 Hour inspection and service completed on engine, using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine Compartment. Oil drained, oil filter removed, inspected, (no metal particles) and CH4B109-1 installed. Oil serviced to 10 Qts. with Aeroshell 15W-50 oil. Complied with TCM SB03-3, Differential Pressure Test, baseline of 40/80, Cylinder 1-71/80, 2-72/80, 3-60/80, 4-60/80, 5-70/80, 6-72/80. TCM MSB94-8A complied with for magnetos, timing and syncid at 22 degrees BTC, cylinder #1. Injection nozzles removed and ultra sonic cleaned. Primer and fuel system pressure checked, no leaks. Exhaust system pressure checked, no leaks. See following discrepancies.... Installed Install GAMI fuel injector I/A/W STC SE09217SC and GAMI installation instructions. Placards installed per instructions and FAA form 337 filled out installation of GAMI fuel injector nozzles. Checked fuel pressures I/A/W Continental SID 97-3F

ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 13 December, 2013

SIGNED:

Michael Tillman, A&P: 2845176 IA

Work Order: 14493

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MAKE: Cessna MODEL: 182L S/N: 18259203 REG. NO: 42818 WORK ORDER: 14551



Mangon Aircraft, Inc.

501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848

DATE: 11 February, 2014 A/C TSN: 4239.39 TACH: 4239.39

Airframe Entries

EGT probe for cylinder # 2 removed and replaced with new. Connections cleaned and operational check satisfactory.

DATE: 11 February, 2014

SIGNED: OpenPOlamell John O Connell, A&P: 3564328 IA

Work Order: 14551

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ENGINE MODEL: 10-520-D (187)ENGINE S/N: 832463 REG. NO: 42818 WORK ORDER: 14551



Mangon Aircraft, Inc.

501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848

DATE: 11 February, 2014 A/C TSN: 4239.39 ENG TT: 853.42 TSMOH: TACH: 4239.39

Engine Entries

Gami injectors for cylinder numbers 1,2, and 6 removed and replaced with new flow injectors. Engine ground operated. Leak check satisfactory.

DATE: 11 February, 2014

SIGNED: Oslo

Work Order: 14551

John O Connell, A&P: 3564328 IA

David Mangon, A&P: 3592237

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ENGINE MODEL: 10-520-D (187) ENGINE S/N: 832463 REG. NO: 42818 WORK ORDER: 14603



Mangon Aircraft, Inc.

501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848

DATE: 11 April, 2014 A/C TSN: 4246.56 ENG TT: 860.59 TSMOH: TACH: 4246.56

Engine Entries

Installed Install GAMI fuel injector I/A/W STC SE09217SC and GAMI installation instructions. Kit Sn. 21660. Placards installed per instructions. Checked fuel pressures I/A/W Continental SID 97-3F

DATE::11 April, 2014

SIGNED

Printed by EBis 3 (datcomedia.com)

Work Order: 14603

ENGINE MODEL: 10-520-D (187) ENGINE S/N: 832463



Mangon Aircraft, Inc.

501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848

DATE: 16 May, 2014 A/C TSN: 4256.63 ENG TT: 870.66 TSMOH: TACH: 4256.63

Engine Entries

REG. NO: 42818 WORK ORDER: 14603

Installed Install GAMI fuel injector nozzles on cylinders #1 (GA196) & #5 (GF144). WAW STC SE09217SC and GAMI installation instructions. Checked for leaks and fuel pressures VAW Continental SID 97-3F.

DATE: 16 May, 2014

Ronald Mangon, A&P: 3456258 IA

Work Order: 14603

Printed by EBis 3 (datcomedia.com)

	Total	Time L	Time Since ast Overhau	Engine	e Service	and Maintenance	Reco
	Hrs.	Min.	Hrs. Min.		s, Inspections, Ans and Service	Airworthiness Directives, Special Bulletins	Inspectio
(18 ENG REG WC	GÍNE S/N: 832 G. NO: 42818 DRK ORDER: 1	2463 14752	501 Sky Petalum	Jon Aircraft, Inc 7 Ranch Drive 1a, CA 94954-3908 (707) 765-1848	X		1: 4276
Oil				109-1). Old oil filter cut	open and inspected, no	othing found. Engine washed and serviced with Pi	hillips
	TE: 24 July,	2014	SIGNED:	201		Work Order: 1	14752
	TIL. 24 July,	2014		le, A&P: Pendino	7 FAA #	Printed by EBis 3 (datcomedia	
(187) ENGIN REG. N	E MODEL: IO- IE S/N: 832463 NO: 42818 CORDER: 1486	Pine	Mangor 501 Sky Ra Petaluma, (Aircraft, Inc.) 1111	DATE: 11 November, 20 A/C TSN: 4308 ENG TT: 922 TSMC TACH: 4308	014 .33 .36 DH:
Remove #6 spar	rk plug and fou	top spark plug found gap to be greecheck satisfactor	eater than .22 and r	h tensioned cylinder #6 esistance failed. Remo	Lt. magneto lead. Cheoved cylinder #6 top spa	cked satisfactory. Cleaned and inspected cylinde rk plug and installed new spark plug and torqued	er I to
DATE	: 11 Novemb	er, 2014	SIGNED:	, Ce	- m	Work Order: 148	63
			Ronald Mangon, A	&P: 3456258 IA	-	Printed by EBis 3 (datcomedia.com	
(187) ENGINE S REG. NO:	MODEL: 10-526 6/N: 832463 42818		Mangon A 501 Sky Ranch Petaluma, CA	Aircraft, Inc.		DATE: 16 January, 2015 A/C TSN: 4317.1	
_ WORK OF Engine	RDER: 14914	Piper Service Cooler	Phone: (707) 7	94954-3908 '65-1848		ENG TT: 931.13 TSMOH: TACH: 4317.1	
screen che Investment ENGINE GI	cked and cleat Cast Cylinder ROUND OPER	Assemblies to p	n pressure tested, r prevent the separati	with, TCM MSB94-8A. no leaks. Engine washe ion of the cylinder head NORMAL.	Spark plugs cleaned g ed A.D. 2014-05-29, e I. Not applicable to part	illips 20W-50, Oil filter CH48109-1 changed 5/80, 1-60/80, 2-70/80, 3-56/80, 4-58/80, 5-apped, tested and rotated. Carburetor fuel ffective date 4/25/2014, Superior Air Parts number installed. No further action required.	
screen che Investment ENGINE GI I CERTIFY ANNUAL C	ROUND OPER THAT THIS E	Assemblies to partial RATED, ALL SY: NGINE HAS BE N AND WAS DE	cked in accordance in pressure tested, r prevent the separati STEMS CHECKED EN INSPECTED IN ETERMINED TO BE	with, TCM MSB94-8A. no leaks. Engine washe ion of the cylinder head NORMAL. I ACCORDANCE WITH E IN AIRWORTHY CON	Spark plugs cleaned g.d A.D. 2014-05-29, e.l. Not applicable to part	apped tested == 10/80, 3-56/80, 4-58/80, 5-	
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ENGINE GI LERGINE (187) ENGINE (187) ENGINE (187) ENGINE (187) ENGINE REG. NO WORK O Engine 50-Hour's cleaned, g	ROUND OPER THAT THIS E ERTIFICATIO January, 20 MODEL: 10-5: S/N: 832463 2: 42818 RDER: 15136 2: Entries service and ins	RATED, ALL SY: NGINE HAS BE N AND WAS DE 15 SIG Hub 20-D Piper	cked in accordance in pressure tested, r prevent the separati STEMS CHECKED EN INSPECTED IN ETERMINED TO BE SINED: Mangon 501 Sky Ram Petaluma, CA Phone: (707) The completed using gine washed and se	with, TCM MSB94-8A. no leaks. Engine washe on of the cylinder head NORMAL. ACCORDANCE WITH EIN AIRWORTHY CON 2766384 IA Aircraft, Inc. ch Drive 194954-3908 765-1848 inspection guide. Oil airviced with Phillips XC.	Spark plugs cleaned g.d A D. 2014-05-29, et l. Not applicable to part	paped, tested and rotated. Carburetor fuel ffective date 4/25/2014, Superior Air Parts number installed. No further action required. OF A 100-HOUR INSPECTION FOR AN Work Order: 14914 Printed by EBis 3 (datcomedia.com) DATE: 31 July, 201: A/C TSN: 4358.4; ENG TT: 972.48 TSMOH TACH: 4358.45	5
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ENGINE GINESTONE COMPARTMENT OF THE ABOUNT SCHOOL COMPARED ON COMP	MODEL: IO-52 MO	pection on engirand rotated. Eng BEEN INSPECTOREMS CHECKE Side Rotated Rotate	m pressure tested, r prevent the separati or pressure tested, r prevent the separati STEMS CHECKED IN INSPECTED IN INSPECT	with, TCM MSB94-8A. no leaks. Engine washe on of the cylinder head on of the c	Spark plugs cleaned g. d AD. 2014-05-29, et l. Not applicable to part ITHE REQUIRMENTS IDITION. ITHE REPORT IN THE REPORT	Japed, tested and rotated. Carburetor fuel ffective date 4/25/2014, Superior Air Parts number installed. No further action required. OF A 100-HOUR INSPECTION FOR AN Work Order: 14914 Printed by EBis 3 (datcomedia.com) DATE: 31 July, 201: A/C TSN: 4358.48 ENG TT: 972.41 TSMOH TACH: 4358.49 Id oil filter cut open, checked clean. Spark plugs WITH GUIDE FOR A 50-HOUR SERVICE / Work Order: 15136 Printed by EBis 3 (datcomedia.com) DATE: 01 February, 2016 A/C TSN: 4390.12 ENG TT: 1004.15 TSMOH: TACH: 4390.12	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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	Total	Time	Time Last O	Since /erhaul	Engine Service and Maintenance	e Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Spec Modifications and Service Bulletins	cial Inspections,
Brought Forward		-				
ENGINE MODEI (187) ENGINE S/N: 83 REG. NO: 42818 WORK ORDER: Engine Enti	32463 8 : 15493	Piper Breat Contr	501 Sky I Petaluma	On Aircra Ranch Drive , CA 94954-3 (07) 765-184	A/C TSN: 4453.67 ENG TT: 1067.7 3908 TSMOH:	
Items and Mange	on Aircraft 5	0-Hour inspe	ection guide. (oil and oil filte	Aircraft Maintenance Management Guide for Oil Changes and Associated Service or changed. Oil screen checked and cleaned. Spark plugs cleaned, gapped, tested and ran engine, no leaks noted.	
THE ABOVE ITE	EM HAS BEI	EN INSPECT	TED, SERVICI D NORMAL.	ED AND GRO	OUND OPERATED IN ACCORDANCE WITH GUIDE FOR A 50-HOUR SERVICE /	
DATE: 15 July			IGNED:	1 >	Work Order: 15493	
		Da	vid Mangon, A	&P: 3592237		
ENGINE MODEL: II (187) ENGINE S/N: 8324 REG. NO: 42818 WORK ORDER: 15 Engine Entrie: Engine has been in	63 5704 F Spected and	Piper	501 Sky Rar Petaluma, C. Phone: (707	A 94954-390) 765-1848	A/C TSN: 4491.35 ENG TT: 1105.38 TSMOH: TACH: 4491.35	
Magneto timing was Engine spark plugs (CMI) is not applicat	checked in replaced wit ble to part no	accordance th Tempest U umber cylind	with, TCM MS JRHB32E spa ders installed.	BB94-8A. Flu rk plugs. Eng No further ac		
ENGINE GROUND (I CERTIFY THAT TH ANNUAL CERTIFICA	HS ENGINE	HAC DEEN	INICOLOTED	INI ACCORD		
DATE: 09 March,	2017	SIGN	ED: Ko		- m	
_		Ronald	Mangon, A&I	P: 3456258 IA	Work Order: 15704 Printed by EBis 3 (datcomedia.com)	
		(187) ENGINE S/ REG. NO: 4	12818 DER: 16085	Piper	Mangon Aircraft, Inc. 501 Sky Ranch Drive Petaluma. CA 94954-3908	DATE: 30 March, 2018 A/C TSN: 4544.79 ENG TT: 11582 TSMOH: TACH: 4544.79
		100 Hour in Compartme customer su 6-63/80. TO Exhaust sys sent out for	spection and sent. Oil drained upplied oil. Color MSB94-8A stem pressure	, oil filter rem mplied with T complied wit checked no I	leted on engine, using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2 loved, inspected, (no metal particles). Oil filter CH48109-1 installed. Oil serviced to 10 to CM SB03-3, Differential Pressure Test, baseline of 41/80. Cylinder 1-57/80, 2-67/80, 3 h for magnetos, timing and sync'd at 22*BTC, cylinder #1. Primer and fuel system pres	Qts. of Phillips XC 25W-50 4-45/80, 4-52/80, 5-49/80,
		cylinder #1			leaks Magnetos left Pn.BL-349350-4, Sn.F05EA159R and right Pn. BL-349350-5, Sr ft Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to er npleted. Engine Ground operated all systems check normal, no leaks.	n. F05EA100R removed and
		ENGINE GE	after 500-Hou ROUND OPER THAT THIS E	RATED, ALL S	ft Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to en	n. F05EA100R removed and ngine at 22* BTDC of
		ENGINE GE I CERTIFY ANNUAL C	after 500-Hou ROUND OPER THAT THIS E	ATED, ALL S NGINE HAS N AND WAS	It Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to en npleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR IDETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED.	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085
		ENGINE GE I CERTIFY ANNUAL C	after 500-Hou ROUND OPER THAT THIS EI ERTIFICATIO	ATED, ALL S NGINE HAS N AND WAS	It Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to en npleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR IDETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED.	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085
(187) ENGINE REG. NO WORK O	RDER: 162 e Entries	ENGINE GF I CERTIFY ANNUAL CI DATE: 30	after 500-Hou ROUND OPEF THAT THIS E ERTIFICATIO March, 2018	ATED, ALL : NGINE HAS IN AND WAS Angon A Sky Ranch staluma, CA S sone: (707) 76	If Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to empleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR ID DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED. Jircraft, Inc. DATE: 21 September A/C TSN: 4 ENG TT: 1 24954-3908 TACH: 4	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085 EBis 3 (datcomedia.com) r, 2018 578.13 192.16 SMOH:
(187) ENGINE REG. NO WORK O Engine Oil chang	S/N: 832460 0: 42818 0: RDER: 162 e Entries ged, oil filter	ENGINE GF I CERTIFY ANNUAL CI DATE: 30	after 500-Hou ROUND OPEF THAT THIS E ERTIFICATIO March, 2018	ATED, ALL: NGINE HAS N AND WAS Angon A Sky Ranchelaluma. CA Sone: (707) 70	It Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to en inpleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR ID DETERMINED TO BE IN AIRWORTHY CONDITION SIGNED. Michael Tillman, A&P: 2845176 IA Printed by E ACTSN: 4 ENG TT: 1 Date: 21 September AC TSN: 4 ENG TT: 1 Drive	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085 EBis 3 (datcomedia.com) r, 2018 578.13 192.16 SMOH:
(187) ENGINE REG. NO WORK O Engine Oil chang Camguar	S/N: 832460 0: 42818 0: RDER: 162 e Entries ged, oil filter	DATE: 30 DATE: 30 -520-D 3 67 Pi replaced. Oround opera	after 500-Hou ROUND OPEF THAT THIS E ERTIFICATIO March, 2018 M M J J J J J J J J J J J	ATED, ALL: NGINE HAS IN AND WAS It angon A It sky Ranchetaluma. CA Sone: (707) 70 It spen and inspended.	It Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to empleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR ID DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED. Jircraft, Inc. DATE: 21 September AC TSN: 4 ENG TT: 1 ENGS TS: 1 TS ENGS TS: 1 TS ENG TS: 1 TS ENGS TS: 1 TS EN	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085 EBis 3 (datcomedia.com) r, 2018 578.13 192.16 SMOH: 578.13
(187) ENGINE REG. NO WORK O Engine Oil chang Camguar	S/N: 83246: 0: 42818 0RDER: 162 e Entries ged, oil filter rd. Engine g	DATE: 30 DATE: 30 -520-D 3 67 Pi replaced. Oround opera	after 500-Hou ROUND OPEF THAT THIS E ERTIFICATIO March, 2018 M M J J J J J J J J J J J	ATED, ALL: NGINE HAS IN AND WAS A SING AND WA	It Electrical Components repair station #S7HR883J. Magneto reinstalled and timed to empleted. Engine Ground operated all systems check normal, no leaks. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR ID DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED. Jircraft, Inc. DATE: 21 September AC TSN: 4 ENG TT: 1 ENGS TS: 1 TS ENGS TS: 1 TS ENG TS: 1 TS ENGS TS: 1 TS EN	n. F05EA100R removed and ngine at 22* BTDC of NSPECTION FOR AN Work Order: 16085 EBis 3 (datcomedia.com) r, 2018 578.13 192.16 SMOH: 578.13

Date	То	tal Time	1	e Since Overhaul	Engine Service and Maintenance Record
	Hrs	. Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
ENG REG	INE S/N: 832 . NO: 42818	463	5	Mangon Ai 601 Sky Ranch Petaluma, CA 94	rcraft, Inc. DATE: 02 May, 2019 A/C TSN: 4601.1 DATE: 02 May, 2019 A/C TSN: 4601.1 ENG TT: 1215.13
	RK ORDER: 1 gine Entri			Phone: (707) 76	
20W MSB	-50 oil. Compl	ied with TCM	SB03-3, Differ	ential Pressure	Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Section II. Engine or metal particles) and installed. Oil serviced to 10 Qts. with customer supplied Phillips XC Test, baseline of 43/80, Cylinder 1-60/80, 2-64/80, 3-46/80, 4-50/80, 5-62/80, 6-63/80, TCM 22* BTC, cylinder #1. Primer and fuel system pressure checked, no leaks. Exhaust system 8850 RPM per customer request.
ENG I CEF ANN	INE GROUNE RTIFY THAT T UAL CERTIFI	OPERATED THIS ENGINE CATION AND), ALL SYSTEM E HAS BEEN IN WAS DETER	NS CHECKED IN NSPECTED IN IN MINED TO BE	NORMAL. ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN IN AIRWORTHY CONDITION
DAT	E: 02 May, 2	2019	SIGNE		Work Order: 16414
		1	Michael	Fillman, A&P: 2	845176 IA Printed by EBis 3 (datcomedia.com)
	Changed #1-60 #2 cleaned a approved Justin Ma I certify I annual cl	oil filter, -44 #3-44 and inspect for return axwell A/P	cut and ins #4-44 #5-6 cted injectorn to service 2 3871099	engine and to be in an	4649. Act: 4769.4 Eng SN:832463-R SMOH: 1383.4 filter; added 10 qts aeroshell w100; performed compression check over 80; cleaned and gapped spark plugs; replaced air filter pn BA-8103; k performed with reference to continental service manual. Engine is a prop IAW FAR 43 Apndx D, Continental service manual and ponderosa airworthy condition; AD's CW; engine is approved for return to service;
11 40 2		100	7201		SMOH 1336.47, 5N 832463-R
					Oil drained, changed oil filter, cut
					and inspected oil filter, added
					10 Qts aeroshell W100
Dwner	Pil01	W	ill:An	n R	Farrer 2005768 Farrer
	05-12	-21	N428	210	Engine Loc
	Perfo Drain	rmed Oil	and Filter of	change usin	In the log and Tach: 4743.32 In the log and Tempest AA48109-2 filter. Spec. Test run for leaks. No defects noted at this time. Ok to David Raper 2714/49AP
		-			

Date		Time	Last O	Since				laintenances Directives, Spe	
	Hrs.	Min.	Hrs.	Min.		and Service Bul			
Brought Forward		-	09-12-2	21	N42818	Engine Lo	9	ENGTT: 1385.03	Tach: 4791.03
	92		compre Replace plugs w filter us	ession test ed 6 comp with new U ing Tempo	:. Results as follow plete cylinder asse RHB32E. Checke est oil filter # AA4	ws #1 40/80 #2 51/8 emblies with new ur ed magneto timing. 8109-2 and 10 Qts n. No defects noted	30 #3 52/8 nits from S No defect Aeroshel	ts noted at this time.	0 #6 70/80. 5. Replaced 12 spark 6. Changed oil and oil 6. Changed oil and oil
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Date	Total	Time		Since verhaul	Engine Service				
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	Remove	ed, clean #2.72/80	ed, and re-	installed f	uel injectors, ensuring proper I ed at 43/80. Ground test ran er	ocations per GAM agine and leak che	li tags. Te ecked, no	sted compressi leaks.	on on
	Signed		Ku	ela	Nelson		Cert:	A&P 3253535	
	Name:	Rick N	lelson		e suite se commence de la commence d		Date:	10/23/2021	
		AVA	Tucson Air	craft Mair	ntenance	Make:	Textron (C	Cessna)	Commercial Section (Commercial Commercial Co
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Date	Total Ti	The second secon	Since Overhaul	Engine Service and Maintenance Record
	Hrs. N	Min. Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
ON AIRCA TUCS	on Aircraft N	laintenance		Make: TCM
Tucs	S Aviator Lr on AZ 85735	n Hangar A		Model: IO-520-D187
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WIENAGE				S/N : 832463-Ft
				Ann principal rate of principals date in the confidence of the con
ours: Tach: 4856.	J1 11SN: 14	70.04		MARKET CHARITIMENT TO SERVING PROPERTY PROVINCES OF CHARITIMENT OF
ngine with 10 ats Pr	NO SE0921	SC. Drained oil	and remov 1 ea. 16oz st ran and l	V. GAMI Installation Procedure No IP-96-001 Rev 5 dated red oil filter. Installed new AA48109 oil filter and serviced bottle Aviation Camguard additive. Old oil filter inspected eak checked. No leaks. Cert: A&P 3253535
ame: Rick Nelson	1		***************************************	Date: 12/04/2021
		ift Maintenance or Ln Hangar A		Make: TCM
No.	ucson AZ 85	735		Model: 10-520-D187
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TEN STE		a a		S/N: 832463-R
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Hours: Tach: 49	04.16		04.7 TO TAKE OF THE STATE OF TH	THE PROPERTY OF STATE AND STATE OF THE STATE
100AV oil. Old oil Signed: / Name: Rick Ne	filter inspec	ted for metal, n	one found	9 oil filter and serviced engine with 10 qts Phillips Victory. Washed engine, ground test ran and leak checked. No leaks. Cert: A&P 3253535 Date: 02/25/2022
AN AVA	ucson Aircrat	ft Maintenance		Make: TCM
65 - 65 G	330 S Aviator	r Ln Hangar A		Model: 10-520-D187
	ucson AZ 85	/35		Tail: N42818
(A)				S/N • 832463-R
				HOBBS 3045.4
Hours: Tach: 490	39 97			
Drained oil and re 100AW oil and 1 p and leak checked. Signed: Rick Ne	No saks.	er. Installed new Camguard. Old	oil filter insp	oil filter and serviced engine with 10 qts Phillips Victory pected for metal, none found. Washed engine, ground test ran Cert: A&P 3253535 Date: 05/28/2022
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	Total	Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
nspected an 8/15/2022) As not applica 2 72/80, #3 A new oil filt were remove epaired and and the properardware to a hrottle body to engine baff was lubed. Mand torqued. The ignition I carburetor hero secure oil to prevent tactipple on rectrainer was einstalled, ar Applied silicote al. Silicone and no leaks	d service AD is not a ble STC E 70/80, #4 ter was insid, cleaned reinstalled eller was avoid chaff cable luber fle seal from the left eleads above at cable to temp cable thometer cable to temp cable whometer cable to the was applicated as a political was a political was applicated as a political was a politic	d in adapplicate 28409SV 76/80, stalled Adapple of the control of	ccordand ble by the W, SE09 #5 78/86 AA4810 d, tested w induct The pro plied silice h sides. he seven stack w m pump t chafing event chafing event chafing event chafing what front he botto certify the	se with the magnet of 356SC, and #69. 12 qual, install the first icone to the first icone icone to the first icone	4,948.10 hours. The total time of engine is 1,562.13 hours. Cessna's maintenance manual checklist. AD2022-16-03 eto serial numbers installed. AD2022-04-04 (3/29/2022) AD or SE10348SC are not installed. Compression test #1 64/80, 6 64/80. The oil was drained and the oil filter was removed. Parts AeroShell 100W grade oil was added. The spark plugs led, and torqued. The heat exchanger cover was removed filter was installed. The nicks in the propeller were dressed able rod end in was repositioned and reinstalled with new of SCAT tubing on the forward heat muff. Alternate air to the eff thand rear engine baffle to fuel controller. Applied silicone here box covers were retorqued. The cabin heat control cable reinforcement block intermediate cylinders were reinstalled ced with new stack assembly part number K0750161-67A. Excured with zip ties. Zip ties and silicone were used to secured owll flap cables on right hand side. Zip ties and silicone reuse with manifold pressure and oil pressure hose. Used silicone oil temperature hose. The throttle cable was lubed. Installed left-hand magneto timing was reset within limits. The fuel mbled, and safety wired. The fuel controller was drained, to fuel hose to prevent chafing with firewall on the left side. al. The duct rear bracket bottom seal was replaced with new in some places to prevent chafing. The engine was test ran engine has been inspected in accordance with an Annual thy condition. A&P 3789786 IA
	ARCHARGE Tach: 5	6330 S A Tucson	Aircraft Ma Aviator Ln AZ 85735		
Hou					
Inst serv non	viced engine e fo und. Wa ned:	with 10	ats Philling	s Victory 1	Drained oil and removed oil filter. Installed new AA48109 oil filter and 100AW oil and 1 pint Aviation Camguard. Old oil filter inspected for metal, in and leak checked. No leaks. Cert: A&P 3253535 Date: 05/23/2023

Date	Total Time		1	Since Verhaul	Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Sp Modifications and Service Bulletins	ecial Inspections,
ought Forward		-				
633 Tuc	son Aircra 0 S Aviato son AZ 85	or Ln Har 5735	ngar A		Make: TCM Model: IO-520-D(187) Tail: N42818 S/N: 832463-R	
emoved spark plug agneto P/N BL-34 agneto Service for asket left and right. A48109 oil filter an spected for metal, S3570-011 o-ring (sion test r gs, cleane 9350-4 S/ 500 Hr In Re-timed d serviced none four on oil dips	esults: # d, gappe N F05EA ispection I magnet d engine d Instali tick. Was	1 64/80, #; d, tested a 159R, R/F . Re-instal os to engir with 9 qts led new P/ shed engin	and rotated I magneto led magne ne at 22 de Phillips Vic N S2416-1 e, ground	B 74/80, #4 72/80, #5 74/80, #6 66/80, master orifice 44/80. upon reinstallation with new M674 gaskets. Removed L/H P/N BL-349350-5 S/N F05EA100R and sent to Aircraft tos with 2 ea. P/N 655269 bushing and 1 ea. P/N 649954 g BTDC #1. Drained oil and removed oil filter. Installed new story 100AW oil and 1 pint Aviation Camguard. Old oil filter -31.0 alternator belt and tensioned. Installed new P/N test ran and leak checked. No leaks.	
gned:	ich	The	bon		Cert: A&P 3253535	
ame: Rick Nelso				~~~~~~	Date: 11/04/2023	
	-		1	1		
I certify that t condition. Al	his engine D's resear	e has bee	n inspecte	ed IAW an	TT Engine 1624.03 TSMOH N/A Annual Inspection and was determined to be in airworthy vember 04, 2023	
I certify that t condition. Al	his engine D's resear	e has bee	n inspecte	d IAW an	Annual Inspection and was determined to be in airworthy	
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