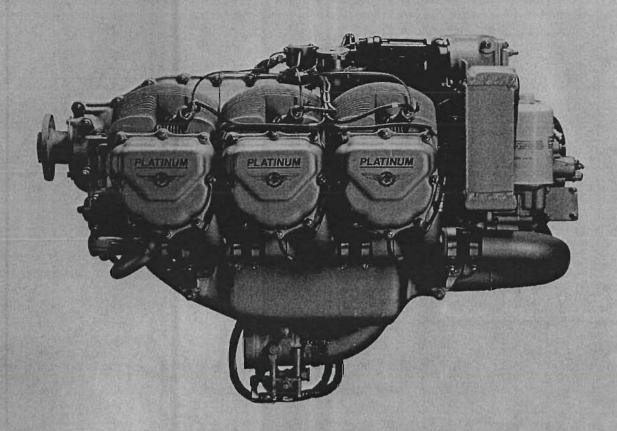
N518 BP

PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

N518BP

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 08/05/2007

This engine model I0550N50, Serial No. 691339 was manufactured on 08/04/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors 2039 Broad Street Mobile, AL 36615

Date	Total Time		al Time Since Last Overhaul		Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
9/6/07	6	.7							
					THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE				
					SE10589SC				
					CDC /55 0,SEP, 0 /7 2007				
					Cirrus Design Corporation Duluth, MN USA				
					PC# 338CE				
2007 SEPT. 26	24.	0			PERFORMED OIL EFTITER CHANGE W/BOTS. AEROSHELL 100 WDET OIL & SHEDON I SAFETIED				
					KAN ENGINE OPS GHECK - JEAK CHECK-OK				
					1.1.218683				
Nov. 19,07	473				PERFORMED SO HOUR INSPECTION THIS DATE: PLATE COMPLETE COWL OR AND OLD SETTING THIS DATE: PLATE DIS AEROSHELL 100 WOLT OLD TRAFF SENITH S				
-					WINEW CHIEBUT 150W DET OL THE OFFICE AND WARDED AVE ZHICK SATETY CHECK, SERVICE AND WARDED AVE ZHICK SATETY KHECKED INDRANT				
					BY PARTIAL DIESY RESEATE SECURE DRUSHED LEGISLES OF SECURE DRUSHED LEGIS				
					A SO HOUT INSPECTION AND YAS DETERMINED				
					7. A. Z. 86835				
Nov. 29,	mx 66	.0			REPRALTERNATOR LASSY. WINE A.				
2007	EG. 41.	.3			OPS. CHECK - LEAK CHECK-OK POLITICES				
DANUATRY 24,					PERFORMED 100 HOUR INSPECTION THIS DATE!				
2008	119.	8			MAEWCH48108-185AFETY, 154TC ALLIZ SPARK PLUGS.				
		_		_	ELEANED, CAPPED, HUBED & TORQUED TO 360 N/165				
					TO CLEANED IN JECTORS. CHECKED FUEL KREENS				
					CHECKED ALL HOSES LINES & F. TINOS CHECKED OIL COOLER & TEMP PROBE, CHECKED UPPER DECK PRESSURE MANAFOLDING TO MYSCTORS & PRESSURIZED MAGS. CHECKED INDUCTION SYS.				
					EXHAUST SYSTEM, VACUME SYSTEM, CHARGING SYSTEM IGN: TON SYSTEM & HARNESSLEADS. CHECKED ALL ENGINE				
					CONTROLS & ADJUSTED AZOR. GOV. TO HEACH 2700 RPM. CHEK WITING, ALTERNATOR, ALTERNATE AIR AND ALL PROBES WASHED ENGINE W/MINERAL SPIRITS, MAN ENGINE				
					WASHED ENGINE W/MINERAL SPIRITS. MAN ENGINE. OPS. CHECK-LEAK CHOCK-OK. ECETTIFY THIS AIRCRAFT ENGINE HAS BEEN DUTIFUL MAPECTON MAPPETED IN ACCORDANCE WITH A 100 HOUR INSPECTOR AND WAS DETERMINED TO BE IN AIRWORTHY CONDITIONS				
					AND WAS DETERMINED TO BE IN AIRWORTHY CONDITIONS THIS AIRCRAFT PROPELLER WAS WISPECTED AND CONSIDERED AIRWORTH, A. ZIEGESS				
22.50	1/10		_		PEREAM NED TAYOUR WISPECTION: IT TO COMP ETE YOU				
	146.	0			ASSY, CHECKED ALL SYSTEMS FOR LEAKS AND SECURITY PRAINED DIE - SERVICED WITH 8 OTS. IS-SO AFROSHELOIL. RER DILFILTER WINEW CH48108-1 & SAFETY, WASHED ENGINE				
					MINERAL SPIRITS. FRAN ENGINE, OPS. CHECK-LEAK CHECK-CK				
JULY 1, 2008	0.07				PERFORMED 100 HOURTH'S DATE: RER THE				
	224	.0			COMPLETE COWLASSY DRAINED OIL &				
					SERVICED W/ B QTS. AEROSHELL 15-50 DE				
					ESAFETY, MERALL IZ SPANK PLUGS; CLEAN, GAP, TEST, PERFORM CYL. COMPRESS; ON				
					TEST: #176/80, #277/80, #379/80, #76/80 CHECKED MAGTIMING, CHECKED INDUCTION				
L.					SYSTEM INCLUDING COMPRESSOR IMPELLERG TURBO VANES & BLADES; MANAFOLDING, UPPER				
					DECK PRESSURE TUBING & SEALS, CHECKED				
		 		-	EXHAUST SYSTEM, CHARGING SYSTEM, BOTH				
		-			ENGINE W/MINERAL SPIRITS, RAN ENGINE. OPS. CHECK-LEAK CHECK-OK.				
					I CERTIFY THIS AIRCRAFT ENGINE HAS BEE				

Date AuGUST I	Total	Time	Time Last O		Engine Service and Maintenance Record
2008	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		—			CHECKED ENGINE SYSTEMS FOR REPORTED LOW POWER OUTPUT - CHECKED CYL. COMPRESSION
	7.00	1_	212		TEST-OK CHECK ERESET MAGTIMING, CHECKE
1,08	329.	5	263.	7	HOSES, IMPELLER ISLADES, ADJUSTED RPM SETTING
		l			MID-KOUPLER HOSE-COLLAPSED OUTLET, KADIUS.
					STRAIGHTED OUTLET FLANGE SECURITO HOSESEON
)1. A. 2186838
SEPT. 10	-	-			PERFORMED ANNUAL INSPECTION: TER
2008			284.	6	COMPLETE COWL - DRAIN OIL SERVICED
					W/B QTS, AERO SHELL 15-50 DET, OIL, RET, OIL FILTER W/NEW CH48108-1 & SAFETY.
					CHECKED EXHAUST SYSTEM, INDUCTION SYSTEM
					RERALLIZSPARK PLUGS; CLEAN, GAP, TEST
					PERFORMED CYLINDER 200 PRESSION TEST. #172/80, #276/80, #575/80, #674/80
					MOUNT, WIRING, HOSES, LINES & FITTINGS.
		 	 -		CHECKED ENGINE ACCESSORIES, BAFFLING.
					FUEL SYSTEM; SCREENS, SERVO, PUMP, HOSES &
					FITTINGS, CHECKED BOTH ALTERNATORS WASHED
					ENGINES WIMINERAL SPIRITS, RAN ENGINE, OPS, CHECK-LEAKCHECK-OK.
<u> </u>					I CERTIFYTHIS AIRCHAFT ENGINE WAS
					INSPECTED IN ACCORDANCE WITH AN ANNUA
		 	-		INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Folut S. Bonnas
					1. A. 2186835
		_	·		
	HOBIS	FLT			
OCT. 28	314.	0	395	5	CHANGED OIL FFILTER W/ 8 QTS, AERO- SHELL 15-50W & CHABIOB-125AFETY, SERV.
2008	+	-	+		ALL TIRES TO SPEC, WASHED ENGINE WITH
					MINERALSPIRITS, RANENGINE, OPS.
					CHECK-LEAKCHECK-OK. July 3mm
		1	 		1.2.2.86003
1017 7 700		ļ	 		PERFORMED 100 HOUR INSPECTION: MEMCOMPLET
MAY 7,200	396	.8	396.	8	COWL ASSY: DRAINED OIL - SERVICED WI'B GTS. AERO SHELL IS-SO DET OIL REROIL FILTER WINEW CH48108-
			<u> </u>		INCAFETY CHECK SCREENS ITAIR ALLIZ SPARK PLUCS SIZEDIACI
		ļ		ļ	WINEW THB32E CHAMPIONS CHECKING TISSING FERST
					HIS GU/BO, TL 65/BO-OK. CHECKED EXHAUST SYSTEM, TURBO SYSTEM, INDUCTION SYSTEM, INTERCOLLERS, IN ECTORS, LINES, HOSES E FITTINGS, CHECKED ALL ACCESSORIES, ENGINE MOUNT I SHOULD
					WASHEDENGINE W/MINERAL SPIRITS, RAN ENGINE OPS. CHECK
·		ļ ·	 		LEAK EMECK-OK. T. CEAT FY THIS A TRESOFT ENGINE WAS INSPECTED IN A SCORD WITH A 100 YOUR INSPECTION AND WAS DETERMINED HOBEYN SCO
					AIRWOISTHY CONDITION. TELT JOHN JA 2188
			1 		JANTAC
	1003 7	mbarcad	ero Road, f	Palo Alto	CA 94303 650-494-6516 www.advantage-aviation.com
	1903 6	W/O:	3743 Air	craft: N51	18BP Tach: 452.9 TSMOH: NEW TTE: 452.9 Date: 8/20/2009
					Model: TCM IO-550-N S/N: 691339
	001-4	J E/\ h	inenaction	and con	Engine Entry vice. Drained oil. Removed and replaced cil filter with new. Examined old oil ———————————————————————————————————
	filter elemen		ofacta nata	d at thic t	ime Removed all sump screen. Inspected for totald) debits, no delects noted
	at this time	Do inc	falled cumr	corean S	& alug with new gasket & safetied. Serviced engine with a quarts Acrosite ————————————————————————————————————
	15W50 oil	Cleaned	d, gapped a	and tested	d spark plugs. Rotated and re-installed spark plugs using new gaskets rive. Me
	674. Grou	nd ran er	ngine, leak	and ops	check good, no defects noted at this time. with Cirrus SR-22 Service Manual. This Engine is approved for return to
	All Wor	k compi	eteu III act	Jordance	septice for only work performed above.
	Mike Wya	nt A&P	2842700	12/	
			_0		1
					-
	<u> </u>				
	1	1		1	

. . .

Date	Tota	l Time	Time Since Last Overhaul		Engine Service and Maintenance R	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special In Modifications and Service Bulletins	spections,
ought Forward		-				
9,,			I	_	S ANTA	
				٠ ح		
1903 Eml	arcader	o·Road, Pa	lo Alto, CA	94303	650-494-6516 www.advantage-aviation.com	
	W/O: 3	3657 Airc			: 476.3 TSMOH: NEW TTE: 476.3 Date: 9/5/2009	
				<u>ivioaei: 1C</u>	CM IO-550-N S/N: 691339 Engine Entry	
Removed sta	rter and	starter ad	apter after	no-start o	condition. Found sealed bearing in starter adapter missing bearing	
					il sump, oil filter, oil filter adapter, and governor searching for oil sump. Flush oil sump area and cleaned out rear accessory	
case. Installe	a new oi	l sump ga	sket P/N:	655546 ar	nd installed new sump cover. Installed new governor gasket and	
					starter adapter with new gasket and silk thread. Installed new connected all lines, hoses and wiring disconnected during starter	
adapter remo	val. Fille	d sump w	ith 7 quart	s 15W-50	AeroShell Oil. Installed new Champion CH48108-1 oil filter.	-
					cocwled engine. Released aircraft for 10hrs of test flying only with ed in accordance with Cirrus SR-22 maintenance manual,	
Continental I						
A)I yyo mis o	am alata	d in soos	- vdanas w	ith Cimmir	SD 22 Service Manual This Engine is enground for return to	
All Work o	ompiete	a iii accc			s SR-22 Service Manual. This <i>Engine</i> is approved for return to only-work performed above.	
Mike Wyant	A&P 284	12700	21			
			MA			
	 	 	_			
-					OVAN 74	
				. (The second secon	
- 1903 E	mbarcad	ero Road,	Palo Alto,	CA 94303	650-494-6516 www.advantage-ariation.com	
-	W/O:	3903 Ai	rcraft: N51		ch: 562.8 TSMOH: NEW TTE: 487.1 Date: 10/7/2009]
-				Model:	TCM IO-550-N S/N: 691339 Engine Entry	- :
Drained oil	. Remov	ed oil drai	n magneti	c plug and	d inspected, found no defect, reinstalled plug with new gasket and	
					l. Removed oil filter, cut open and inspected, found no defect. safetied. Ground ran engine, no leaks or defects at this timeEND	
			cordance	with Cirr	rus SR-22 Service Manual. This Engine is approved for return to	
- Mike Wya	nt A&P 2	842700		service fo	y only work performed above.	
	11 70.1 2	.042,700	0	WI		
-		•		· · ·		
-				C	To dan de la composition della	
-						
1903 En	ibarcade W/∩: 1	ro-Road, f	Palo Alto, (CA 94303 BP Tach	650-494-6516 www.advantage-aviation.com	l
-:	VV/O. 4	OST AIIC	ant. NOTO	Mo	del: SR-22 S/N: 2683	
				#1 75/00	Engine Entry ,#2-78/80, #3-77/80, #4-72/80, #5-74/80, #6-74/80. Drained oil.	
Removed a	nd renlace	red oil filte	er with new	v (P/N: CF	148108-1). Examined old oil filter element and oil suction screen, no	
defects not	ed Servi	ced engin	e with 8 aı	uarts Aero	oshell 15W50. Cleaned, gapped and tested spark plugs. Rotated and	
RHR32F R	e-torque	d all rocke	er box cov	er screws	M-674). Replaced both spark plags on cylinder #5 with new P/N: . Cleaned engine. Re-timed left and right magnetos to engine.	
— ∫ ∆djusted fu	el flows i	n accorda	nce with T	CM SID9	7-3E. Replaced starter with net/ Sky-Tec C24S15 starter S/N: 4C5-	
 engine lea 	k and one	s check a	ood. No de	efects note	See new weight & balance change dated 3/1/2010. Ground ranged at this time. Verified AD's current through AD 2009-24-52.	
AD2009-24	-52 (val)	e lifter w	ear) is NC	T APPLIC	CABLE by date of manufacture of this engine. AD2009-16-03 (SAP	
cylinder as	ssy) is No	OT APPLI	CABLE by	/ no SAP∍ R-22 Sen/i	cylinder assemblies installed on this engine. All work and inspection ice ManualEND	
-		l ce	rtify that f	his engir	ne has been inspected in accordance with	1
_ FAR 43	Appendi	x D (Annı	ual Inspec	ction), Cir	rus SR-22 Annual inspection checklist & TAT ICA Manual #646- etermined to be in an airworthy condition.	
2011 121	t Δ&P /			been de	Agrininged to Dealt an an worthly condition.	1
Mike Wyar	11.70	IM 40441	, ,	7 200		

Time Since Date **Total Time** Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections. Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward Engine Logbook Entry Date 6/22/2010 **AIRCRAFT: N 518BP** W/O# 10841 CRS AWKR298C S/N 2683 WOODLAND AVIATION 25170 Aviation Ave., Davis, CA 95616 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO 700.2 DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND. Tach / Hobbs 611.0 SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL. **FLIGHT** COMPLIED WITH TORNADO ALLEY TURBO MANDATORY SB 10-01, INSPECTION OF HINGE PIN ENDS ON-THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS WITH NO DEFECTS NOTED INSTALLED A NEW P/N C24ST3, S/N 4C3151053 STARTER, FUNCTION CHECKED NORMAL. INSTALLED NEW P/N ETI-G2-200-M2-1 UPPER INDUCTION TUBE. INSTALLED NEW P/N 22-6200035 LOWER RIGHT HAND EXHAUST WASTEGATE SUPPORT BRACKET. The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Double Store ENGINE MODEL: 10 550 N Lone Star Aero DATE: 8/12/2010 ENGINE S/N: A/C TSN: 655.9 REG. NO: N518BP Repair Station No. LSZR252X ENG TT: 655.9 477 Sandau Rd Hangar f WORK ORDER FLIGHTTIME, 655.9 San Antonio, Texas 78216 USA 4630-08-2010 Phone: 210-979-6313 Engine Entries Romovo defective primary alternator assembly Pn ES 10024 social number H114061 and install newly overhauled assembly serial number K070309, ground run engine ops check good. The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under the referenced Work Order DATE: 8/12/2010 SIGNED: Work Order: 4630-08-2010 Scott O. Carney
Certified Repair Station No. LSZR252X Printed by EBis 3 (datcomedia.com)

Date 9/2/2010 W/O# 10976



Engine Logbook Entry **AIRCRAFT: N 518BP** CRS AWKR298C

S/N 2683

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

758.3

FLIGHT

696.0

PERFORMED CIRRUS DESIGN 50 HOUR SERVICE PER WOODLAND AVIATION SERVICE INSTRUCTION STEPS. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS.

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL. INSTALLED 1 EA NEW P/N RHB32E #4 CYLINDER SPARK PLUG, FUNCTION CHECKED NORMAL COMPLIED WITH TORNADO ALLEY TURBO MANDATORY SB 10-01, INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS WITH NO DEFECTS NOTED, COMPLIED WITH TORNADO ALLEY TURBO MANDATORY SB10-02 BY INSTALLATION OF NEW P/N 22-6200039 AND 22-6200045 L/H AND R/H TAIL PIPE HANGER BRACKETS: INSTALLED NEW P/N 626557 ENGINE FUEL MANIFOLD SCREEN, LEAK AND FUNCTION CHECKED NORMAL. INSTALLED NEW P/N 13913-002 R/H CYLINDER DRAIN TUBE. REMOVED TURBO SUPPORT UPPER BRACKETS AND LEFT

WASTEGATE UPPER SUPPORT BRACKET. INSTALLED NEW TURBO SUPPORT UPPER BRACKETS PIN 22-6250005 AND TORQUED TO SPEC. INSTALLED NEW SUPPORT ROD ON THE LEFT P/N ETI-G2-600-35. ADJUSTED SPRING TENSION. INSTALLED NEW SUPPORT ROD ON THE RIGHT P/N ETI-G2-600-36 AND ADJUSTED SPRING TENSION.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Date	T			-		
Date	Total	Time		Since verhaul	Engine Service and Maintenance Rec	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	ctions,
Brought Forward		—				
- ≟	1	I	1			
Date 3/17/2			1,	1/1	Engine Logbook Entry AIRCRAFT: N 518	BP
W/O# 112 -	90		WOODLA	AND AVIAT	CRS AWKR298C S/N 2683 25170 Aviation Ave., Davis, CA 95616	3
Tach / Hobbs	85	COME	PLETED A	N ANNUA	AL INSPECTION PER FAR 43 APPENDIX "D" USING CIRRUS SR22 IN	00507:01
- Eng TSN	855.		_ , , , _ , ,		NE IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH TIONS FOR CONTINUED AIRWORTHINESS PER DOCUMENT NO. 22-64	
– Eng ⊤SO	N	, OHAN	IGED OIL	AND FIL	TEK, CUI AND INSPECT FILTER NO METAL FOLIND TOOK OIL SAM	ADLE AND
-		NO LE 70/80	-ANO NO	TED. COM	IS. SERVICED WITH 8 QTS. AEROSHELL 100 STRAIGHT MINERAL OIL MPRESSION CHECK: #1- 68/80, #2- 69/80, #3- 65/80, #4- 50/80, #5-	. RUN UP, 35/80, #6-
-		COMP	LIED WI	TH TELE	DYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN	95-2.
-		COMF	PLIED WI	TH TORN	CURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENG IADO ALLEY TURBO 3 YEAR / 300 HOUR MAGNETO FILTER BEDI	CEMENT
-		OF CI	RANKCAS	E BREAT	196-2 FILTER. COMPLIED WITH TORNADO ALLEY TURBO \$108-1, 50 (THER FITTING. COMPLIED WITH TORNADO ALLEY TURBO \$200 04	CLEANING
-		HOUR	"V" BANI	CLAMP	XHAUST MANIFOLD FLANGE. COMPLIED WITH TORNADO ALLEY TO REPLACEMENT ON RIGHT AND LEFT TURBO'S AND SAFTIED. CAND	JRBO 450
-		IVIAGIN		SECTION.	BY INSTALLING LEFT MAGNETO PIN S6RSC-25P SIN D07GA110 AFTE CAL COMPONENTS INC." CRS# S7HR883J PER WO # 50719, TIMED TO	D DEDAID
			MIND LOIM	CHON CF	HECKED NORMAL. AND RIGHT MAGNETO P/N S6RSC-25P S/N D07GA1 ELECTRICAL COMPONENTS INC." CRS# S7HR883J PER WO # 50720,	22 AETED
			NE, LEAN	AND FUN	ICTION CHECKED NORMAL. INSTALLED #4 CYLINDER P/N 655932 S/ LE ENGINES" CRS# NO3R717L PER INVOICE # 13444-03-2011, TORQU	NI 40444 4:
		14013		VI SB 96-	7 LEAK AND EUNCTION CHECKED NORMAL INGTALLED "TORQU	JED BASE
		65593	2 S/N 1	3/1/1-2 A	7, LEAK AND FUNCTION CHECKED NORMAL. INSTALLED #5 CYLIN	IDED DAY
-		13444	-03-2011,	TORQUEI	D BASE NUTS PER TCM SB 96-7 LEAK AND FUNCTION CHECKED	NDER P/NT
- -		13444- INSTA	-03-2011, LLED NEV	70RQUE 70RQUE 70 P/N 22-6	NTIEK KEPAIK BY "FAGLE ENGINES" CDS# NO3D717L DED IN	NDER P/NT
- - -		13444- INSTA AND #	2 3/N 1. -03-2011, LLED NEV 4 EGT PR	TORQUEI V P/N 22-{ OBES, FU	NETER REPAIR BY "EAGLE ENGINES" CRS# NO3R717L PER IN D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL.	NDER P/N' IVOICE # NORMAL.' 579-002 #2
• • ·		13444- INSTA AND #	-03-2011, LLED NEV 4 EGT PR	TORQUEI V P/N 22-6 OBES, FU	THER REPAIR BY "EAGLE ENGINES" CRS# NO3R717L PER IN D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 INCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect	NDER P/N: IVOICE # NORMAL: 579-002 #2
· ·	·,	13444- INSTA AND #	-03-2011, LLED NEV 4 EGT PR	TORQUEI V P/N 22-6 OBES, FU	NETER REPAIR BY "EAGLE ENGINES" CRS# NO3R717L PER IN D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL.	NDER P/N: IVOICE # NORMAL: 579-002 #2
	UT	13444- INSTA AND #	-03-2011, LLED NEV 4 EGT PR	TORQUEI V P/N 22-6 OBES, FU	THER REPAIR BY "EAGLE ENGINES" CRS# NO3R717L PER IND BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 INCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed	NDER P/N ⁻ IVOICE # NORMAL. ⁻ 579-002 #2
		13444- INSTA AND # I cert adero Ro	O3-2011, LLED NEV 4 EGT PR	to, CA 943	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 INCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt Damon Schmidt Damon Schmidt Damon Schmidt	NDER P/N: IVOICE # NORMAL: 579-002 #2
		13444- INSTA AND # I cert adero Ro	O3-2011, LLED NEV 4 EGT PR	tor, CA 943	Tach: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 Damon Schmidt Damon Schmidt Damon Schmidt Damon Schmidt Damon Schmidt	NDER P/N ⁻ IVOICE # NORMAL. ⁻ 579-002 #2
Comple	veted 25H F	13444 INSTA AND #	ify that to was dead. Palo A Aircraft: N	to, CA 943 I518BP T	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt Damon Schmidt Tach: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 Tel: TCM 10-550-N S/N: 691339 Engine Entry Tenoved and replaced oil filter with new. Examined old oil filter element,	NDER P/N: IVOICE # NORMAL: 579-002 #2
Comple no defe oil. Rer	eted 25H F ects noted noved, cle	13444. INSTA AND # I cert I cert I cert I c	on John Market M	tto, CA 943 Ito, CA 943 Ito, CA 943 Isted oil. Reed new fill-	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt Damon Schmidt Tach: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 Jel: TCM 10-550-N S/N: 691339 Engine Entry Innoved and replaced oil filter with new. Examined old oil filter element, the polyn: AA48108-2). Serviced engine with 7 quarts Aeroshell 15-W50 ark plug in cylinders #4 and #5. Inspected cylinders for break-in,	NDER P/N ⁻ IVOICE # NORMAL. ⁻ 579-002 #2
Comple no defe oil. Rer checke	eted 25H F ects noted noved, cle d good. R good, no <u>c</u>	13444. INSTA AND # I cert I cert I cert I c	ify that to was delivered and palo A Aircraft: Note and apped and all park poted at this	his Aircritermined Lto, CA 943 1518BP Mod Med oil. Reled one filts Lested spilugs with rest time. All	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165000000000000000000000000000000000000	NDER P/N' IVOICE # NORMAL.' 579-002 #2
Comple no defe oil. Rer checke check g	eted 25HF ects noted noved, cled d good. R good, no congine is a	13444. INSTA AND # I cert I cert I cert I c	ify that to was delivered and palo A Aircraft: Note that the apped and all park potentials apped at this differ returns.	his Aircritermined Lto, CA 943 1518BP Mod Med oil. Reled one filts Lested spilugs with rest time. All	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt Damon Schmidt Tach: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 Jel: TCM 10-550-N S/N: 691339 Engine Entry Innoved and replaced oil filter with new. Examined old oil filter element, and plug in cylinders #4 and #5. Inspected cylinders for break-in, new gaskets and torqued (p/n: M-674). Ground ran engine, leak and ops	NDER P/N ⁻ IVOICE # NORMAL. ⁻ 579-002 #2
Comple no defe oil. Rer checke check g	eted 25H F ects noted noved, cle d good. R good, no <u>c</u>	13444. INSTA AND # I cert I cert I cert I c	ify that to was delivered and palo A Aircraft: Note that the apped and all park potentials apped at this differ returns.	his Aircritermined Lto, CA 943 1518BP Mod Med oil. Reled one filts Lested spilugs with rest time. All	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165000000000000000000000000000000000000	NDER P/N: IVOICE # NORMAL: 579-002 #2
Comple no defe oil. Rer checke check g	eted 25HF ects noted noved, cled d good. R good, no congine is a	13444. INSTA AND # I cert I cert I cert I c	ify that to was delivered and palo A Aircraft: Note that the apped and all park potentials apped at this differ returns.	his Aircritermined Lto, CA 943 1518BP Mod Med oil. Reled one filts Lested spilugs with rest time. All	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 16500003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165000000000000000000000000000000000000	NDER P/N: IVOICE # NORMAL: 579-002 #2
Comple no defe oil. Rer checke check of This Et	wited 25HF octs noted noved, cled good, no congine is a l Worsha	adero Ro I cert I ce	ify that to was detailed and each and	to, CA 943 Is18BP Mod Med oil. Reed new filters with restricted spilugs with r	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. **Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed **Damon Schmidt** **Damon Schm	NDER P/N IVOICE # NORMAL. 579-002 #2
Comple no defe oil. Rer checke check of This Els	eted 25HF cts noted noved, cle d good, R good, no c ngipe is a l Worsha	Insta AND # I cert I	od-2011, LLED NEV 4 EGT PR ify that to was der ad, Palo A Aircraft: N tion. Drain me, install me, install ded spark pi oted at this d for retur 3424586	to, CA 94303 To Service of the serv	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. **Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt **Damon Schmidt** Damon Schmidt Damon Schm	NDER P/N: IVOICE # NORMAL: 579-002 #2
Comple no defe oil. Ren checke check c This E Sapute	eted 25HF cts noted noved, cle d good, no c ngine is a l Worsha	Inspect at this tile aned, gale-installe infects in A&P in	ad, Palo Alta ircraft: N5	tro, CA 943 Istance Allow the Aircrafter Model: To ROUEL No Pin 22-6 OBES, FU Ito, CA 943 Istance Allow file Ito, CA 943	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 INCTION CHECKED NORMAL. **Taft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt **Damon Schmidt* **	NDER P/N IVOICE # NORMAL. 579-002 #2
Complete	eted 25HF cts noted noved, cle d good, no c ngine is a WO d 25HR In	I Gert I Cert I Cert	ad. Palo Alta ircraft: N5 n. Drained n. Drained n. Drained n. Drained	to, CA 94303 18BP Tac Model: d oil. Remo	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165000000000000000000000000000000000000	NDER P/N IVOICE # NORMAL. 579-002 #2
Complete no defect oil. Remo	eted 25HF ects noted noved, cle d good, no congine is a l Worsha Embarcad WO d 25HR In s noted at ved, clear	adero Road Inspection Inspec	ify that to was detailed and each palo A late ireraft: N5- In. Drained and teleped and te	to, CA 94303 Isto, CA	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 1650 NCTION CHECKED NORMAL. Faft/Engine/Propeller has been inspected IAW an Annual inspect to be in an airworthy condition. Signed Damon Schmidt Damon Sch	NDER P/N: IVOICE # NORMAL: 579-002 #2
Complete no defect oil. Remodelected godeneck go	eted 25HF ects noted noved, cle d good, no congine is a l Worsha Embarcad WO d 25HR In s noted at ved, clear good, Re-	adero Road Inspection Inspec	ify that to was detailed and a palo A late ircraft: N5. In Drained and tespark plug ircraft: N5.	to, CA 94303 Isto, CA	Tach: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 Tel: TCM 10-550-N S/N: 691339 Engine Entry oved and replaced oil filter with new. Examined old oil filter element, ico conjy for the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, ico conjy for the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, example of the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, example of the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, example of the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, example of the work performed and listed above. Engine Entry oved and replaced oil filter with new. Examined old oil filter element, (p/n: AA48109-2). Serviced engine with 8 quarts Aeroshell 15W-50	NDER P/N: IVOICE # NORMAL: 579-002 #2
Complete no defect oil. Remo checked oil.	eted 25HF cts noted noved, cle d good, no c ngipe Is a Wo d 25HR In s noted at ved, clear good, Re- pod, no def	Inspection address of the state	on. Drained and the spark pluged at this tier.	to, CA 94303 Istime. All oil. Remoney filter is time. All workings with new filter isted sparings with new filter is to service to service in the	D BASE NUTS PER TCM SB 96-7, LEAK AND FUNCTION CHECKED 6850003 S/N 21663 R/H EXHAUST MANIFOLD. INSTALLED NEW P/N 165 JNCTION CHECKED NORMAL. Taft/Engine/Propeller has been inspected IAW an Annual inspect I to be in an airworthy condition. Signed Damon Schmidt Damon Schmidt Engine Entry Temperature of the work performed and listed above. TCM 10-550-N S/N: 691339 Engine Entry 650-494-6516 www.advantage.wration.com Tech: 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 Incompleted in accordance with 2 young operators ManualEND Total 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE: 883.8 Date: 4/27/2011 TCM 10-550-N S/N: 691339 Engine Entry Oct. 883.8 TSMOH: New TTE	NDER P/N IVOICE # NORMAL. 579-002 #2

Date		lotai	Time	Last O	Since	Engine Service and Maintenance Record
20		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
nught Eon	- 1		·	ا		IVOUITICATIONS AND SELVICE DUITEURS
ought Fon	<u>.</u>					CONTROL OF THE PROPERTY OF THE
	19	903 Embo	rcadero-F	load, Palo	. 47+- C4 0	F. Hobbs 860.5
			WO: 606	Aircraft:	N518BP	Tach: 950.2 TSMOH: New TTE: 950.2 Date: 7/22/2011
						3/10-330-14 3/10-3309
	Compl	eted 50	IR Inspe	ction. Dra	ined oil. F	Engine Entry Removed and replaced oil filter with new. Examined old oil filter element, filter (p/n; AA48109-2). Serviced engine with 0
	Oil. Re	movea. a	cleaned o	anned on	d toot 1	(in the 190 Z). Derviced engine with 8 quarts Aeroshell 15M 50
	and to	quea (p,	n: M-674`	Ground	ran anain	and re-installed spark plugs with new gaskets
	inis E	<i>ngine</i> is	approve	d for retu	rn to com	e, leak and ops check good, no defects noted at this time. All work
	Samue	Worsh	am A&P	3424586	THE SEN	vice only for the work performed and listed above.
					8///	myth
						QVANTA OF
	}	1903 Emi		Road, Pai		94303 650-494-6516 www.advantage-ariation.com N518BP Tach: 951.6 TTE: 951.6 Date: 7/26/2011
				VVO. 624		Model: TCM IO-550-N S/N: 691339
						Engine Entry
						at for the AC drive. Reinstalled drive with new gaskets. Ops check and leak
	chec	ked. : Al	i work cor	iibietea in	accordar	nce with Continenta ManualEND
						nce with Continenta ManualEND
	This	Engine	is appro	ved for re		ervice only for the work performed and listed above.
	This	Engine		ved for re		
	This	Engine	is appro	ved for re		
	This	Engine	is appro	ved for re		
	This	Engine	is appro	ved for re		
	This	Engine es Aller	is appro	ved for re 0294160 ro Road, P	eturn to s	ervice only for the work performed and listed above. I OND OND OND OND OND OND OND
	This	Engine es Aller	is appro	ved for re 0294160 ro Road, P	eturn to s	ervice only for the work performed and listed above. CA 94303 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011
	This	Engine es Aller	is appro	ved for re 0294160 ro Road, P	eturn to s	ervice only for the work performed and listed above. I OND OND OND OND OND OND OND
	This Jam	Engine es Aller 1903 En	is appro A&P 559 I nbarcade W	ved for re 1294160 ro Road, P O: 643 A	eturn to s	ervice only for the work performed and listed above. CA 94303 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4
	This Jam	Engine es Aller 1903 Engine	is appro A&P 559 I mbarcade W Ind cleanerformed E	ved for re 294160 ro Road, P O: 643 A	eturn to so	ervice only for the work performed and listed above. CA 94303 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 aged crack in between spark plug and injector. Test was inconclusive. Took
	This Jam	Engine es Aller 1903 En moved a ector. Peture for a ition lea	is appro A&P 559 I Inbarcade W Ind cleanerformed E reference ds. Installe	ved for re 2294160 ro Road, P O: 643 A ed #4 span Dye-Pen to at next man	Palo Alto, Chircraft: NS	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 ged crack in between spark plug and injector. Test was inconclusive. Took the interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for i ition leae	is appro A&P 559 I Inbarcade W Ind cleane rformed E reference ds. Installe ind. All wo	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel injective comple	Palo Alto, Chircraft: NS	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for a ition leae ecked go is Engir	is appro A&P 559 I mbarcade W Ind cleane rformed E eference ds. Installe iod. All we e is appro	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel injective comple	eturn to significant	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above.
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for a ition leae ecked go is Engir	is appro A&P 559 I mbarcade W Ind cleane rformed E eference ds. Installe iod. All we e is appro	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel inject complete ork complete oved for	eturn to significant	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for a ition leae ecked go is Engir	is appro A&P 559 I mbarcade W Ind cleane rformed E eference ds. Installe iod. All we e is appro	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel inject complete ork complete oved for	eturn to significant	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above.
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for a ition leae ecked go is Engir	is appro A&P 559 I mbarcade W Ind cleane rformed E eference ds. Installe iod. All we e is appro	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel inject complete ork complete oved for	eturn to significant	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above.
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for a ition leae ecked go is Engir	is appro A&P 559 I mbarcade W Ind cleane rformed E eference ds. Installe iod. All we e is appro	ro Road, P O: 643 A ed #4 spail Dye-Pen to at next med fuel inject complete ork complete oved for	eturn to significant	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 gged crack in between spark plug and injector. Test was inconclusive. Took is interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above.
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for i ition lea ecked go is Engir muel W	is appro A&P 559 Ind cleaner formed Ereference ds. Installed od. All we be is appropriate	ved for re 2294160 ro Road, P O: 643 A ed #4 spai at next ms at next ms	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 ged crack in between spark plug and injector. Test was inconclusive. Took be interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above.
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for i ition lea ecked go is Engir muel W	is appro A&P 558 I Inbarcade W Ind cleane rformed E reference deference All we re is appro orsham A	ro Road, PO: 643 A ed #4 spail Dye-Pen te at next me ed fuel inje ork comple oved for A&P 3424:	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com
	This Jam	Engine es Aller 1903 En moved a ector. Pe ture for i ition lea ecked go is Engir muel W	is appro A&P 558 I Inbarcade W Ind cleane rformed E reference deference All we re is appro orsham A	ro Road, PO: 643 A ed #4 spail Dye-Pen te at next me ed fuel inje ork comple oved for A&P 3424:	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com
	This Jam	moved a ector. Peture for ition lear ecked go is Engir	is appro A&P 559 I Inbarcade W Ind cleaner formed E eference ds. Installe od. All wo e is appro orsham A O3 Embarc WC eted 50HF	ro Road, PO: 643 A ed #4 spail Oye-Pen te at next made fuel injury comple oved for NaP 3424	rk plugs. Fest for alle aintenancector with eted in accreturn to 586 and, Palo Al roraft: N5	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 618BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 reged crack in between spark plug and injector. Test was inconclusive. Took reinterval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry red oil. Removed and replaced oil filter with new. Examined old oil filter element,
	This Jam	moved a ector. Peture for lition leadecked go is Engir muel W	is appro A&P 559 I Inbarcade W Ind cleaner rformed E eference ds. Install iod. All wo e is appro orsham A O3 Embarc WC eted 50HF ects noted	ro Road, PO: 643 A ed #4 spail Oye-Pen te at next mile of fuel injective comple oved for ARP 3424	rk plugs. Fest for alle aintenancector with eted in accreturn to 5886	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 6518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 ged crack in between spark plug and injector. Test was inconclusive. Took in interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry ed oil. Removed and replaced oil filter with new. Examined old oil filter element, and new filter (p/n: CH48108-1). Serviced engine with 7.5 quarts Aeroshell 15W-50
	This Jam	moved a ector. Pet ture for ition lead ecked go is Engir muel W	is appro A&P 559 I Ind cleaner formed Experience Sol. Installed to All work is appropriate appropriate and the solution of	ved for re 294160 ro Road, P O: 643 A ed #4 span obye-Pen te at next ms ed fuel inje ork comple oved for A&P 3424: R Inspecti at this time eaned, gal : M-674).	Palo Alto, Caircraft: NS rk plugs. Frest for alle action with eted in accreturn to 586 ad, Palo Alto, Caircraft: NS ion. Drainine, installed pped and Ground ra	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 6518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 reged crack in between spark plug and injector. Test was inconclusive. Took the interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry ed oil. Removed and replaced oil filter with new. Examined old oil filter element, ed new filter (p/n: CH48108-1). Serviced engine with 7.5 quarts Aeroshell 15W-50 tested lower spark plugs. Rotated and re-installed spark plugs with new gaskets an engine, leak and ops check good, no defects noted at this time. Verified AD's
	This Jam	moved a ector. Peture for lition leadecked go is Engiremuel W	is appro A&P 558 I	ved for re 294160 ro Road, P O: 643 A ed #4 span Oye-Pen te at next ms ed fuel inje ork comple oved for A&P 3424: Called A A A A A A A A A A A A A A A A A A A	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586 ad, Palo Al reraft: NS ion. Drainne, installe pped and Ground ra 1-04. All v	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 reged crack in between spark plug and injector. Test was inconclusive. Took re interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry red oil. Removed and replaced oil filter with new. Examined old oil filter element, ad new filter (p/n: CH48108-1). Serviced engine with 7.5 quarts Aeroshell 15W-50 tested lower spark plugs. Rotated and re-installed spark plugs with new gaskets an engine, leak and ops check good, no defects noted at this time. Verified AD's work completed in accordance with Continental Operators ManualEND
	This Jam	es Aller 1903 En moved a ector. Peture for a lition lead ecked go is Engir muel W 190 Comple no defe oil. Reer and tor current This E	is appro A&P 558 I	ved for re 294160 ro Road, P O: 643 A ed #4 span Oye-Pen te at next ms ed fuel inje ork comple oved for A&P 3424: Called A A A A A A A A A A A A A A A A A A A	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586 ad, Palo Al return to 586 ion. Drainne, installe pped and Ground ra 1-04. All v for return	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 6518BP Hobbs: 958.6 Flight Hobbs: 868.9 Date: 8/3/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 reged crack in between spark plug and injector. Test was inconclusive. Took re interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry ed oil. Removed and replaced oil filter with new. Examined old oil filter element, ed new filter (p/n: CH48108-1). Serviced engine with 7.5 quarts Aeroshell 15W-50 tested lower spark plugs. Rotated and re-installed spark plugs with new gaskets an engine, leak and ops check good, no defects noted at this time. Verified AD's
	This Jam	es Aller 1903 En moved a ector. Peture for a lition lead ecked go is Engir muel W 190 Comple no defe oil. Reer and tor current This E	is appro A&P 558 I	ved for re 2294160 ro Road, P O: 643 A ed #4 span Oye-Pen te at next ms ork comple oved for A&P 3424: A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	Palo Alto, Caircraft: NS rk plugs. Fest for alle aintenance ector with eted in accreturn to 586 ad, Palo Al return to 586 ion. Drainne, installe pped and Ground ra 1-04. All v for return	ervice only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com 650-494-6516 www.advantage-aviation.com Model: TCM IO-550-N S/N: 691339 Engine Entry Re-worked shielding on #6 lower ignition lead. Removed and cleaned #4 reged crack in between spark plug and injector. Test was inconclusive. Took re interval. Installed spark plug with new gasket and torqued. Cleaned all new o-rings and copper gasket, torqued to 65 in-lbs. Run-up leak and ops cordance with Continental ManualEND service only for the work performed and listed above. 650-494-6516 www.advantage-aviation.com 18BP Tach: 1009.5 TSMOH: New TTE: 1009.5 Date: 10/13/2011 Model: TCM IO-550-N S/N: 691339 Engine Entry red oil. Removed and replaced oil filter with new. Examined old oil filter element, ad new filter (p/n: CH48108-1). Serviced engine with 7.5 quarts Aeroshell 15W-50 tested lower spark plugs. Rotated and re-installed spark plugs with new gaskets an engine, leak and ops check good, no defects noted at this time. Verified AD's work completed in accordance with Continental Operators ManualEND

1												
i.	Date	Total 7	Time	I	Since	Eng	ine S	ervice	and Ma	inte	nance	Record
		Hrs.	Min.	Hrs.	verhaul Min.	Installa	ations, Ins	pections, Ai	rworthiness			I Inspections,
		1110.		1110.	144111.	Modific	cations an	d Service B	ulletins		,. 1	
В	Date 3/20/20)12		m/	1 10	1	Engine	Logboo	ok Entry	All	RCRAFT:	N 518BP
	W/O# 1203	39		WOODLA	ND AVIAT	ION		RS AWK			S/N	2683
							25170 Avia	ation Ave., D	avis, CA 9561	16		
4	Tach / Hobbs	1070.5	COMP	LETED AI	N ANNUA	L INSPE	CTION PER	FAR 43 AP	PENDIX "D".	ALL WO	ORK DONE I	N ACCORDANCE
	Eng TSN	1070.5	WITH	APPLICA ORTHINES	BLE MA	NUALS.	COMPLIE	WITH TA	T SYSTEM	INSTR	JCTIONS F	OR CONTINUED
	Eng TSO	NA										DIL SAMPLE AND N UP. NO LEAKS
			NOTE	D. COMPF	RESSION	CHECK:	#1- 70/80,	#2- 60/80, # 3		70/80, #	#5- 75/80, # 6	6- 70/80. MO=46
			100-H	OUR/ANN	UAL. RE	CURRING	LUBRICA	TION OF E	NGINE CON	TROLS	AFTER WA	ASHING ENGINE
			COMP	LIED WIT	TAT H	3108-1 , 5	0 HOUR I	NSPECTION		NING (OF CRANKO	ASE BREATHER
1												NIFOLD FLANGE LIED WITH TAT
												OR FOR CRACKS, COMPLIED WITH
			TAT 1	MANDATO	RY SB	10-02, il	NSPECTION	N OF SUPE	PLEMENTAL	TAILPIE	PE HANGER	RS, NEW STYLE RUS SB2X-74-01,
			RHB32	S SPAR	K PLUG	REPLACE	EMENT. IN	STALLED 1	2 NEW SPAI	RK PLU	JGS P# RH	B32E, FUNCTION
			AND (CLEANING	. COMPI	IED WIT	TH TAT SI	1-03, ANNU	JAL TURBO	SUPPO	RT ASSEME	EEN INSPECTION BLY INSPECTION,
												/ITH TAT SI11-02 , IPLIED WITH TAT
									TH NO DEFE			L ENGINE TECH"
			CRS#	PQ1383C	E-D PER	WO# M8	57180, LEA	K AND FUN	CTION CHEC	KED NO	DRMAL. INS	TALLED NEW P/N PTER, LEAK AND
1			FUNC [*]	TION CHE	CKED N	ORMAL.	INSTALLE	D STARTER	P/N 646275-	1 S/N H	I-Ļ120666 AF	FTER OVERHAUL
1			NORM	AL. INSTA	ALLED NE							CTION CHECKED 5. OPERATIONAL
-			CHEC	KED NOR	MAL.							
1												
+			/ cert						en inspecte ition. Signe			inspection and
1				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		r to be n	an un un ve	rany coman	tion. Oigno	<u> </u>	Damon Schmi	idt
				1	I			QUANT ₄ C			,	
		+					رح	() () () () () () () () () ()	5			
		19	003 Emba WO:	arcadero R	load, Palo	Alto, CA	94303 nch: 1142.5	TSMOH: (n	650-494- ew) TTE: 11	6516 ww	w.advantage ate: 10 Augi	-aviation.com ust 2012
		+					odel: TCM	TO-550-N S				
							Took oil sar	nple for anal	ysis. Removed			
_		₩ith 8	quarts /	Aeroshell [•]	15W-50 o	I. Remov	ed, cleaned	, gapped and	ed new filter, p d tested lower	spark p	lugs. Rotated	d and re-
			ed spark timeE		h new gas	kets, p/n	: M -674. Gr	ound ran eng	gine, leak and	ops che	eck good, no	defects noted
		This E	ngine i			urn to se	rvice of ly	for the work	performed a	nd liste	d above.	
		Charle			,311213	na	rles	4	Han	re		
				1	<u>j. </u>	I				,		
							\subseteq	Son Las				
		1	903 Emb	arcadero	Road, Pal	- Alto, CA	94303	PLIATION	650-494	-6516 wi	uw.advantag	e-aviation.com
			WO	: 1151 A	ircraft: N5	18BP T	ach: 1142.7	TSMOH: (I	new) TTE: 11	142.7	Date: 13 Aug	just 2012 ·
		Diecre	enancy.	FGT ind	ication #2		E	ngine Entry		oldine -	affad the	ih hu avibani
		heats	shield. R	Removed E	EGT probe	e and rep	laced with r	ew probe, p/	n 16579- 0 02.	-END	iaileo inroug	n oy exnaust
		This	Engine	is approv	ed for re	urn to/se	ervice only	for the worl	performed a	and liet	ed above	
		Charl	es Harv	ie A&P	3517275/	0/			7/	e		

Date	Total	Total Time		Since verhaul	Engine Service and Maintenance Recor Installations, Inspections, Airworthiness Directives, Special Inspection		
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins		
ought Forward		→					
_		1313 Ai	rcraft: N51	8BP Tac Model:	650-494-6516 www.advantage-aviation.com Ch: 1118 TSMOH: New TTE: 1118 Date: 11-14-2012 TCM IO-550-N S/N: 691339 Engine Entry		
defects r oil. Remo	oted at this oved starter ance with (time, ins Ser# H-I Continent	talled new _120666. I al Operato	filter (p/n Replaced ors Manua			
	nd A&P/AI			Service	only for the work performed and listed above.		
			I	I	The second secon		

Date 3/29/2013 W/O# 12758



Engine Logbook Entry

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616 **AIRCRAFT: N 518BP**

S/N 2683

Tach / Hobbs Eng TSN

Eng TSO

1114.0

COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D. ALL WORK DONE IN ACCORDANCE 1114 WITH APPLICABLE MANUALS.

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3.

N/A COMPRESSION TEST RESULTS: #1- 51/80, #2- 53/80, #3- 49/80 #4- 67/80, #5- 60/80, #6- 70/80. MASTER **ORIFICE AT 45.**

DRAINED OIL AND REMOVED FILTER, OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS. NO DISCREPANCIES NOTED. SERVICED ENGINE WITH 7 QUARTS AEROSHELL 100W ENGINE OIL AND 1 PINT OF CAMGUARD ENGINE OIL. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2. 100-HOUR/ANNUAL. RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED NEW POINTS AND CONDENSER IN LEFT AND RIGHT MAGNETO'S. REINSTALLED WITH NEW BASE GASKETS P/N 649954 AND SET MAGNETO TIMING.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed

Shawn Matthies

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies

Date 8/6/2013 W/O# 13040 WOODLAND AVIATION

1224.6

Engine Logbook Entry

CRS AWKR298C

S/N 2683

AIRCRAFT: N 518BP

25170 Aviation Ave., Davis, CA 95616

Eng TSN

Tach / Hobbs

Eng TSO

AFROSHELL 100 MINERAL ENGINE OIL. INSTALLED NEW #2 INTAKE LIFTER, P/N 658088.

CHANGED OIL AND FILTER.

DISCREPANCIES NOTED.

INSTALLED NEW FILTER AND SERVICED ENGINE WITH 8 QUARTS

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO

INSTALLED REPAIRED #1 AND #2 CYLINDERS P/N 655932. S/N'S 16882-1 AND 16882-2 FROM EAGLE ENGINES, CRS #N03R717L, UNDER INVOICE NO. 16882-07-2013, INSTALLED SERVICEABLE #4 ECI CYLINDER FROM RAM P/N ECC73.1CN. S/N 43029-1, CYL REPAIRED BY EC SERVICES, CRS# AG2R689K. UNDER WO 119778 1. TORQUED CYLINDERS AS PER TCM S/B 96-7C OPERATIONAL BUN UP AND LEAK CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

David Clarke



1903 Embarcadero Road, Palo Alto, CA 94303

650-494-6516 www.advantage-aviation.com WO: 1755 Aircraft: N518BP Hobbs: 1348 Flight Hobbs 1252.4 TSMOH: (new) TTE: 1348 Date: 9-9-2013 Model: TCM TO-550-N S/N: 691339

Engine Entry

Change oil and filter with Shell 100W plus, and filter CH48108-1. Filter clear, and sample sent to Blackstone. Tied down loose injector line .- END

This Engine is approved for return to service only for the work performed and listed above.

Chris Lund AMT/ A&P 3127640

	A A A A A A A A A A A A A A A A A A A		
1903 Embarcadero Road, Palo	Alto, CA 94303 PIATIO	650-494-6516 www.advantage-ar	viation.com
WO: 1852 Aircraft: N518BP	Hobbs: 1387 Flight Hobbs 13 Model: TCM TO-550-N	292TSMOH: (new) TTE: 1387 Date: 1 S/N: 691339	11-22-2013

Engine Entry

Change oil and filter with Shell 100W plus, and filter CH48108-1, added cam guard one bottle. Filter clear, and sample sent to Blackstone. Replaced air conditioning drive and bracket, retimed L/H mag to engine. Cleaned plugs, gapped, and installed new plug rings.

This Engine is approved for return to service only for the work performed and listed above.



ENGINE ENTRY

WORK ORDER: 375 AIRCRAFT: N518BP HOBBS: 1431.6 TSOH: N/A TTE: 1431.6

MODEL: Continental IO-550-N S/N: 691339

DATE: **05/01/2014**

Removed both magnetos for 500 hour inspection by Aircraft Electrical Components (CRS# S7HR883J, WO# 63857 & 63858). Reinstalled repaired magnetos (P/N: S6RSC-25P, R/H S/N: D07GA132, L/H S/N: D07GA110) with new gaskets (P/N: 649954) and timed to engine. Compression results: #1-72/80, #2-72/80, #3-61/80, #4-74/80, #5-51/80, #6-64/80, M.O. 42/80. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element and suction screen, no contaminants found. Serviced engine with 8 quarts of Aeroshell W100 oil and one pint of ASL Camguard. Cleaned, gapped and tested spark plugs. Replaced one spark plug with new (P/N: URHB32E). Rotated and re-installed spark plugs with new gaskets (P/N: M674). Ground ran engine, leak and ops check good. No defects noted at this time. Verified AD's current through AD 2014-05-29. All work completed in accordance with Cirrus SR22 and Continental Service Manuals. —END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (Annual Inspection) and has been determined to be in an airworthy condition.

Christer Hagghult A&P / IA 2897856

ENGINE MODEL: IO-550N ENGINE S/N: 691339 REG. NO: N518BP WORK ORDER: 2128

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 ATE: 10, 07 19

A/C TSN: 1469.1 ENG TT: 1469.1 TSMOH: 1469.1 HOBBS: 1469.1

Engine Entries

Drained oil and serviced with 7 qts.of Aeroshell 100W oil, 1 pt. of Camguard and installed new CH48108-1 oil filter. Inspected old filter, solvent washed engine, run and leak check good.... Performed a compression test, cleaned and gapped sparkplugs. Compression Test: #1-72/80, #2-68/80, #3-74/80, #4-78/80, #5-72/80, #6-66/80:... All work completed per Savvy Aircraft Maintenance Oil change guide Service item #'s 1.1 through 3.4.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2128, Dated 10/2/2014.

DATE: 10-02-14

SIGNED:

Work Order: 2128

Rossi Aircraft Inc.

Printed by EBis 3 (datcomedia.com)

Certified Repair Station No. ZRSR378L

ENGINE MODEL: IO-550N ENGINE S/N: 691339 REG. NO: N518BP WORK ORDER: 2128

Rossi Aircraft, Inc.

Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE: 10, 02 19
A/C TSN: 1469.1

A/C TSN: 1469.1 ENG TT: 1469.1 TSMOH: 1469.1 HOBBS: 1469.1

Engine Entries

Drained oil and serviced with 7 qts.of Aeroshell 100W oil, 1 pt. of Camguard and installed new CH48108-1 oil filter. Inspected old filter, solvent washed engine, run and leak check good.... Performed a compression test, cleaned and gapped sparkplugs. Compression Test: #1-72/80, #2-68/80, #3-74/80, #4-78/80, #5-72/80, #6-66/80:... All work completed per Savvy Aircraft Maintenance Oil change guide Service item #'s 1.1 through 3.4.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2128, Dated 10/2/2014.

DATE: 10-02-14

SIGNED:

Work Order: 2128

Rossi Aircraft Inc.

Certified Repair Station No. ZRSR378L

Printed by EBis 3 (datcomedia.com)

Date 1/8/2015 W/O# 14123

Hobbs

AIRCRAFT: N 518BP Engine Logbook Entry

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

S/N 2683

1405.6 Tach /

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. ADDED 1 PINT CAMGUARD ENGINE OIL

ADDITIVE. RUN UP AND LEAK CHECK NORMAL.

CHECKLIST. COMPLIED WITH SAVVY AIRCRAFT MAINTENANCE 50-HR OIL CHANGE INSPECTION REINSTALLED ALTERNATE AIR DUCT AFTER WELD REPAIR.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

EAGLE ENGINES

A Division of Ameritech Industries, Inc. F.A.A. Repair Station number N03R717L 20208 Charlanne Dr., Redding, California 96002 U.S.A.

Work accomplished Installed new exhaust valve and guide, 3
angle cut valve seats, Refaced valves, deglaced bore, fit new
rings per CMI SID97-40, 1/11
(Vothing to/lows.
The aircraft and/or component identified above was replaced and inspected in accordance with Federal Aviation
regulations and is approved for return to service. Pertinent details are on file at this agency under Work Order No.
Invoice No. 19570-05-2015 Dated 05/28/2015
Signed
Authorized Individual

ENGINE ENTRY

WORK ORDER: 723 AIRCRAFT: N518BP HOBBS: 1532.3 TSOH: N/A TTE: 1532.3

MODEL: Continental IO-550-N S/N: 691339

DATE: 06/04/2015

Removed the #5 cylinder for repair by Eagle Engines (CRS# N03R717L, WO# 19570-05-2015). Reinstalled repaired cylinder (P/N: 655932, S/N: 19570-1) with new gaskets and piston pin (P/N: SA630046). Replaced eleven spark plugs (P/N: URHB32E), and all twelve rocker cover gaskets (P/N: RG-632459) with new. Compression results: #1-74/80, #2-59/80, #3-66/80, #4-76/80, #5-73/80, #6-58/80, M.O.: 45/80. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 8 quarts of Phillips 20W50 Type M oil. Cleaned, gapped and tested spark plugs. Rotated and re-installed spark plugs with new gaskets (P/N: M674). Ground ran engine in accordance with TCM SB M89-7R1 procedures; leak and ops check good. No defects noted at this time. Verified AD's current through AD 2014-05-29. All work completed in accordance with Cirrus SR22 and Continental IO-550 Maintenance Manuals. —END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565

ENGINE ENTRY

WORK ORDER: 825 AIRCRAFT: N518BP HOBBS: 1469.7 TSOH: N/A TTE: 1469.7

MODEL: Continental IO-550-N S/N: 691339

DATE: **09/30/2015**

Removed cylinders #3 & #6. Cylinder #3 (P/N: 658178A, S/N: AC13BB350) repaired by Tim's Aircraft Engines (CRS# T22R537Y, WO# 9445). Cylinder #6 replaced with new (P/N: 658178A1, AC14JA389). Installed cylinder assemblies with new gaskets. Replaced the following parts with new: #3 intake lifter (P/N: 658088), #6 intake lifter (P/N: 658088) and exhaust lifter (P/N: 658077), one spark plug (P/N: URHB32E), propeller governor gasket (P/N: AA9144), R/H FWD waste gate gasket (P/N: FGO120830), two upper deck collars (P/N: 633958-5) and six seals (P/N: 633958-3), six exhaust gaskets (P/N: 652458), and twenty four exhaust nuts (P/N: MS20500-428). Drained oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips 20W50 Type M oil. Cleaned, gapped and tested spark plugs. Rotated and re-installed spark plugs with new gaskets (P/N: M674). Ground ran engine IAW TCM SB M89-7R1; leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental IO-550 Maintenance Manuals. –END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

ENGINE S/N: 691339 A/C TSN: 1489.3 Repair Station No. ZR\$R378L REG. NO: N518BP ENG TT: 1489.3 WORK ORDER: 2494 1903 Embarcadaro Rd TSMOH: Palo Alto, CA 94303 HOBBS: 1489.3 Phone: 650-493-3326 **Engine Entries** Drained oil and serviced with 8 gts.of Aeroshell 100W oil and installed new CH48108-1 oil filter. Inspected old filter, solvent

ENGINE MODEL: 10-550N

washed engine, run and leak check good.

Maintenance Release

The aircraft and/or component(s) on N518BP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2494, Dated 1/28/2016.

DATE: 1/28/2016 SIGNED Rossi Aircraft Inc.

Rossi Aircraft, Inc.

Work Order: 2494

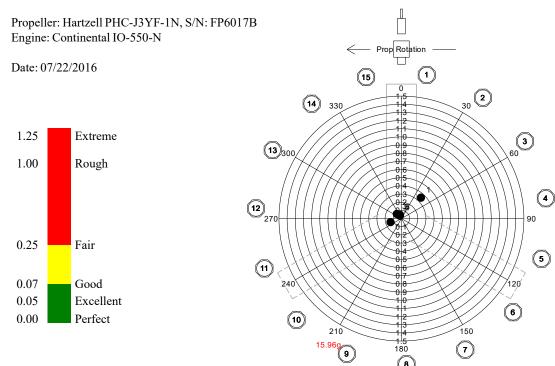
DATE: 1/28/2016

Printed by EBis 3 (datcomedia.com)

Certified Repair Station No. ZRSR378L

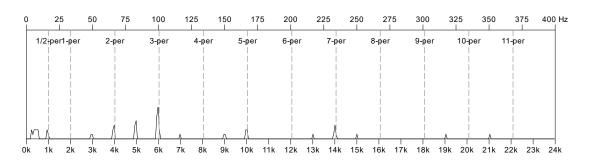


Aircraft: N518BP



Final Reading: 0.05 IPS Final Weights: 15.96g@202deg

Brandon Thompson A&P 3212565



(8)

Run #	Magnitude (IPS)	Phase (degrees)	Trim Wt 1 (grams)	Trim Wt 1 (degrees)	Trim Wt 2 (grams)	Trim Wt 2 (degrees)	Comments
1	0.35	43	22.63g	226deg			
2	0.14	252	11.70g	226deg	4.88g	202deg	
3	0.08	315	13.48g	202deg	2.52g	226deg	
4	0.04	331	15.96g	202deg			
5	0.05	339					Final Value



ENGINE ENTRY

22005 Skywest Drive, Hayward, CA 94541 · **510 782-6591**

WORK ORDER: 1073 AIRCRAFT: N518BP FL HOBBS: 1502.4 TSOH: N/A TTE: 1502.4

MODEL: Continental IO-550-N S/N: 691339 DATE: 07/22/2016

Compression results: #1: 68/80, #2: 64/80, #3: 74/80, #4: 70/80, #5: 66/80, #6: 72/80, M.O. 43/80. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Aeroshell W100 oil and 1 pint of ASL Camguard. Cleaned, gapped and tested spark plugs. Rotated and re-installed spark plugs with new gaskets (P/N: M674). Set fuel pressures in accordance with TCM SID97-3G. Ground ran engine, leak and ops check good. No defects noted at this time. Verified AD's current through FAA

AD biweekly 2016-14. All work completed in accordance with Cirrus SR22 and Continental IO-550 Maintenance Manuals.

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Peter E McClure A&P / IA 3657637



10 NOV 2016 N#: N518BP

Tach: 1538.4

Type: IO-550-N50

S/N: 691339

Performed oil change; drained oil and removed filter. Obtained oil sample and sent to Blackstone for analysis. Cut filter and inspected medium, no discrepancies noted. Installed 7 QT of Philips 20W50 and Tempest oil filter AA48108. Ran engine, leak check good. –END

-

Jeffrey Fay 2679315A&P

Date 9/1/2017 W/O# 16159

Eng TSN



Engine Logbook Entry AIRCRAFT: N 518BP

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK

Tach / Flight 1578.7 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES 1578.7 MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 64/80, #2- 61/80, #3- 72/80, #4- 71/80, #5-

Eng TSO N/A 68/80, #6- 70/80. MASTER ORIFICE: 43/80.

TTAF

N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO
1578.7 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW

1578.7 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND 1 PINT OF CAMGUARD. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. COMPLIED WITH 300 HR / ANNUAL FUEL NOZZLE CLEANING. REINSTALLED RIGHT EXHAUST RISER P/N 22-6150019 AFTER REPAIR BY DAWLEY AVIATION CRS# NJ5R069N UNDER W.O. 116129. INSTALLED NEW LEFT & RIGHT CYLINDER DRAIN MANIFOLDS. REMOVED PROP AND AND CRANKSHAFT SEAL. CLEANED CORROSION FROM CRANKSHAFT. INSPECTED AND INSTALLED NEW CRANKSHAFT SEAL, PROP O-RING AND REINSTALLED PROPELLER. INSTALLED NEW CAPACITOR, LEFT MAGNETO, SWAPPED LEFT AND RIGHT MAGNETO'S, SET TIMING TO SPEC.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed

Shawn Matthies AWKR298C