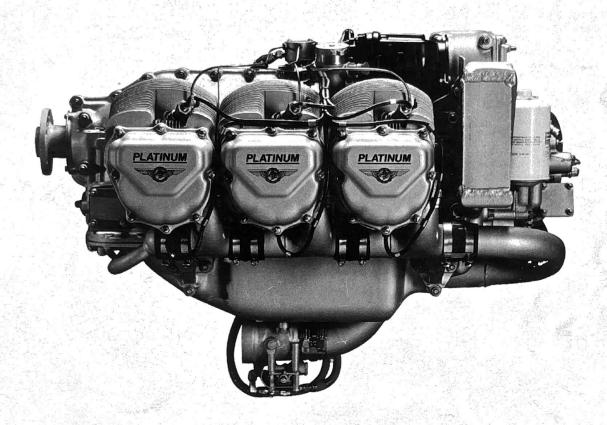
PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

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: 02/13/2007

This engine model 10550N46

, Serial No. 690836 was manufactured on 02/13/2007

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

Date	Total	Time		Since verhaul		Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.		nspections, Airworthiness Directives, Special Inspections and Service Bulletins
	44 M	MERCED I	DRIVE, MER MUNICIPAL	RPRIS: CED CA 9534 AIRPORT 09) 722-340	40	
N 454SR		TACH			DATE 4/9/07	
REMOVED COWLI REPLACED OIL FIL OIL, DEGREASED E COWLING	TER, FILT	TER INSPE	CTED, SER	VICED WITH	HAERO SHELL MINE	P.,
Chiw Palase CHRIS W. PALAGE AP3177058	-,					TDL AERO ENTERPRISES 44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402
				N	I 454SR	TACH 18.4 . DATE 4/23/07 ———
				R N	EPLACED OIL FILTE	G, DRAINED OIL, AOA OIL SAMPLE TAKEN, REMOVED AND ER, FILTER INSPECTED, SERVICED WITH AERO SHELL 100 EASED ENGINE, RUN UP LEAK CHECK COMPLETED, ING
					HRIS W PALAGE P3177058	
	44 M	MERCED N	DRIVE, MER MUNICIPAL A	RPRIS CED CA 9534 AIRPORT (19) 722-340	0	
N 454SR		TACH	67.8		DATE 6/13/07	
REMOVED COWLIN SAMPLE TAKEN, FI DEGREASED ENGIN	TER INSI NE, RUN L	PECTED, S	SERVICED	NITH AERO	SHELL 100	
Ch Palage CHRIS W. PALAGE AP3177058						

Date	Total	Time	Time Last O		Engine Installations	e Service	and Mainter	nance Rec	ord
	Hrs.	Min.	Hrs.	Min.	Modification	ns and Service I	" HOLD IN HOSS DIFFERIN	es, Special Inspec	ctions,
44	MACREADY MERCED	DRIVE, ME MUNICIPA		340					
R VED COWLING, DRA	TACH	1 100.1	AND REPLA	DA [*] CED OIL FIL	TE 7/24/07 LTER, FILTER		TDL AERO EN 44 MACREADY DRIVE, MERCED MUNICII (209) 722-7700 FA	MERCED CA 95340	
HECK COMPLETED, ETED ENGINE TOP OF TELE PAGENTAL PER TELE	RÉINSTAL CARÉ INSP	LED COW	JNG ND ENGINE	FUFL SYSTI	FM	DEGREASED ENGI	TACH 148.2 NG, DRAINED OIL, REMOVI FILTER INSPECTED, SE NE, RUN UP LEAK CHECK (ED AND REPLACED OI RVICED WITH AERO COMPLETED, REINSTA	LLED COM
V. PALAGE 58	CIR	RRI	JS	Y		COMPLETED ENGII & SET PER TELEDY CHRIS W. PALAGE AP3177058	NE TOP CARE INSPECTION (NE SID 97-3C AND CIRRUS	I AND ENGINE FUEL S' MAINTENANCE MANU	YSTEM AD IALS
l N 454SR	44 MA (209)	CREADY DI	ENTER RIVE, MERCE JNICIPAL AIR FAX (209)	D CA 95340 PORT	S DATE 12/1	2/07	20 En la comme		
CHANGED OIL, FILT #2-78/80 #3-78/80 # TIMING CHECKED, REMOVED ROCKEF REINSTALLED ROC TIGHTENED INTAKE	4-78/80 #5- WASHED D R COVERS, KER COVE	7680 #6-7; DOWN ENG CLEANED RS	2/80, SPARK GINE AND PE AND APPLII	PLUGS CLE RFORMED I ED SEALAN	ANED AND GAPI RUN-UP. T TO GASKETS,	ED,	,		
HR. INSPECTION A L. Palage Chris W. Palage AP3177058	ND WAS D	ETERMINE: I R	D TO BE IN	AN AIRWOR	THY CONDITION	TDL AER	O ENTERPRISE Y DRIVE, MERCED CA 95340 D MUNICIPAL AIRPORT 700 FAX (209) 722-3402	S	
					#2-78/80 #3-78/8 TIMING CHECK COMPLETED EI 97-3D REMOVED AND NEW, REINSTA	TACH 238 FILTER REPLACED, 80 #4-78/80 #5-78/80 # ED, WASHED DOWN NGINE FUEL SYSTEM REPLACED ROCKEF	COMPRESSION CHECKED (6-78/80) SPARK PLUGS CLEENGINE AND PERFORMED IN ADJUSTMENT AND SET PERFORMED IN ACCORDANCE IN	RANED AND GAPED, RUN-UP. R TELEDYNE SID CYLINDERS WITH	
						GE AP3177058	ERMINED TO BEIN AN AIRI		

	D	ate	Tota	Time		Since Overhaul			e and Maintenanc	
			Hrs.	Min.	Hrs.	Min.	Installations, Inspect Modifications and S	tions, ervice	Airworthiness Directives, Spen	cial Inspections,
	Br			MERCED	MALIANO, IVIE	ERPRIS RCED CA 953: AIRPORT (209) 722-340	ES		Suitourio	
-	— N 45	54SR			1 293.5	.09) 722-340				
-	— REM	OVED COWL	ING DRA				DATE 8/7/08			
	REPL DEGI	LAOLD LIVE!	NE, RUN (TER INSPE JP LEAK C	ECTED, SEI HECK COM	. SAMPLE 1 RVICED WIT PLETED, RE	TAKEN, REMOVED AND H AERO SHELL 15W-50, INSTALLED COWLING			
-	- 100	n	40				COWEING			
	_ AP327	/ LEE MEDEIR 77012	OS				-			
	-						-		44 MACREADY DRIVE, MERCED CAS MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3	95340
-							N 454SR		TACH 340.7	DATE 9/23/08
							REMOVED O	L COOLI	ER DUE TO CRACKED CROSS BAR AND 8-629-129, COVERED UNDER CIRRUS A	
							The	4	meden.	
-							AP3222592	EIROS	Discourse and the second	
F									100 400	* *
L										
-										
		-		44 MAC	CREADY DRI MERCED MUN 722-7700	ENTERI VE, MERCED NICIPAL AIRPO FAX (209) 7	CA 95340 DRT			
		N 454SR		5	TACH 353	.6	DATE 10/08/0	8		
		INCI LACED	OIL FILT	EK. FILIE	R INSPECT	FD SERVIC	MPLE TAKEN, REMOVED ED WITH AERO SHELL 15 ED, REINSTALLED COWLII	IM/50		
		GEORGE M	EDEIROS	mrd	Luz	194	PF 5			
r		AP3222592					če			
		•				, ex				
-										
-										
							<u> </u>			

Date	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Medifications and Service Bulletins				
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins				
	44 MACRE MER (209) 722	ADY DRIVE	MTERPR MERCED C CIPAL AIRPO AX (209) 72	RT	/19/09				
N 454SR -	4	t			MOVED AND REPLACED				
- REMOVED COWLING, DF OIL FILTER, FILTER INS ENGINE, RUN UP LEAK C	RAINED OII SPECTED, HECK COM	L, AOA OIL SERVICE MPLETED,	SAMPLET. D WITH A REINSTALL	AKEN, REN ERO SHEL ED COWLI	L 100W, DEGREASED NG				
That Pols			- Ad		TDL AERO ENTERPRISES				
_AP3177058	,	**************************************		year top 4	44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402 N 454SR TACH 442.4 TT442.4 DATE 05/05/09				
- -	in and an analysis of the same			The state of the s	C/W ANNUAL PER CIRRUS DESIGN MAINTENANCE MANUAL 05-20 MODEL SR22 DATED APRIL 15, 2007, COMPRESSION CHECKED CYLINDER #1 - 70/80 #2 - 70/80 #3 - 70/80 #4 - 70/80 #5 - 70/80 #6 - 70/80, CHANGED OIL, OIL FILTER CHANGED, OIL SAMPLE TAKEN, SPARK PLUGS CLEANED & GAPED, AS REQUIRED TIMING CHECKED, COMPLETED ENGINE FUEL SYSTEM ADJUSTMENT AND SET PER TELEDYNE SID 97-38, COMPLETED ENGINE FUEL SYSTEM CHECK PER TELEDYNE SID 97-28				
_					AND TCM MAINTENANCE MANUALS, WASH DOWN ENGINE AND PERFORM RUN-UP. C/M CIRRUS/TCM REQUIRED INSPECTION PROCEDURES 500 HR MAGNETO INSPECTION PER TCM SERVICE INSTRUCTIONS MSB645 COMPLIANCE ALSO MEETS THE REQUIREMENTS OF AD 2005-12-06 AS				
	 				APPLICABLE REMOVED AND REPLACED SPARK PLUGS WITH NEW				
					REMOVED AND REPLACED SPARK PLOGS WITH NEW REMOVED AND REPLACED AIR FILTER WITH NEW				
					COMPLETE AD AND SB SEARCH				
					I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND				
					WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
					CHRIS W. PALAGE AP3177058				
					RANDY NOE AP553961616IA				
	44 M	ACREADY I	DENTER DRIVE, MERC MUNICIPAL A D FAX (20	CED CA 9534 JIRPORT	<u></u>				
N454SR		TAC	H 481.8		DATE 08/14/09				
	ICED WITH	HAERO SH	HELL 100W,		ACED OIL FILTER, FILTER ED ENGINE, RUN UP LEAK				
	JPPLEMEN	ITAL TYP			CCORDING TO AIRWOLF D2268CH, DATED MARCH				
CHRIS W. PALAGE AP3177058			and a						
					,				
		1							

Data	Total	Ti	T:	Ci-	
Date	lota	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			
			NTERPE		
	ME	RCED MUN	ICIPAL AIRP(FAX (209) 7	ORT	
N 454SR	(200) 12	TACHA47	, (200) 1		TE 11/27/09
-			a maria	, DATI	
REMOVED COWLING, DRA SERVICED WITH AERO SHE	INED OIL, R	EMOVED A	ND REPLACE ENGINE, RUI	D OIL FILTER	R, FILTER INSPECTED,
REINSTALLED COWLING	17	4 14		h	
0		1	Contract of the Contract of th	ž L	
CHRIS W. PALAGE			*		
AP3177058					
			real real real real real real real real	,	
-	ķ.,	* * *	la Le	·	
-					
_					
			NTERPR E, MERCED C		
R	MER	CED MUNI	CIPAL AIRPO	RT	
			AX (209) 72		
N 454SR	T	ACH 555.7	77	D	DATE 03/18/2010
COMPLETED ANNUAL INSP SR22 DATED APRIL 15, 200					
#4-72/80 #5- 70/80 #6-68/80 PLUGS CLEANED & GAPED, ADJUSTMENT AND SET PER	, CHANGED AS REQUIF	OIL, OIL FI	LTER CHANG CHECKED, C	ED, OIL SAM OMPLETED I	MPLE TAKEN, SPARK ENGINE FUEL SYSTEM
COMPLETED ENGINE TOP (SID 97-2B AND TCM MAINTE	CARE INSPE	CTION AND	2	- August	
REMOVED AND REPLACED.	134		To the same of	2	
REMOVED LH MAGNETO AN	1	The same of	4.7	REINSTALLER	D LH MAGNETO, TIMED
RH TO LH MAGNETOS, FUN					
TIGHTENED LOOSE INDUCT	ION AIR FIL	TER CLAMP	, FUNCTION	CHECKS OK	AT THIS TIME
TIGHTENED ROCKER COVE AT THIS TIME	R HARDWAI	RE TO SPEC	C TO PREVEN	T LEAKING, I	FUNCTION CHECKS OK
REMOVED AND CLEANED FUE DK AT THIS TIME	L INJECTO	RS, REINST	ALLED FUEL	INJECTORS,	, FUNCTION CHECKS
OKAT THIS TIME					
THE AIRCRAFT AND/OR COMP	PONENT IDE	NTIFIED AF	OVF WAS RE	PAIRED AND	D INSPECTED IN AC-
CORDANCE WITH CURRENT F TO SERVICE, PERTINET DETA	EDERAL AII	R REGULAT	IONS AND HA	S BEEN APP	PROVED FOR RETURN
	120 01 1112	742174174	L ON TILL /	THO NOLIN	
SHAWN B FOGLE TLR012B					,
120					

Date	Total	Time	Time Last O		Engine Service and Maintenance Record							
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins							
Brought Forward	_		-		DATE: 7/29/2010							
	10-5	INE MODEL: 50-N		Aero Ent	erprises A/C TSN: 605.1							
	ENG	INE S/N 6900	44 MA	r Station No. 7T ACREADY DRIV ed, CA 95340	ER012B TACH: 605.1							
	Wol	WORK ORDER: 00000286 Merced, CA 95340 Phone: 209-722-7300 Engine Entries (1) Removed cowling, drained oil, took oil sample, removed and replaced oil filter, filter inspected, serviced with Aeroshell 15W50, degreased engine, run up leak check completed, no leaks noted, reinstalled cowling (2) Removed and replaced #5 cylinder intake and #3 cylinder exhaust rocker cover gasket.										
		intenance R										
	Avi	The aircraft and/or component(s) on N454SR 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. 00000286, Dated 7/29/2010.										
	sta	ition under \	Nork Order No	5. 00000286,								
	DA	TE: 7/29/20)10	SIGNED	Work Order: 00000286							
				Shawn F Certified	ogle Printed by EBis 3 (datcomedia.com) Repair Station No. 7TLR012B							
	_											
	_											
	-	1	1		1 10 1 10 1							
Date 2/2/20 W/O# 112		W	DODLANI	D AVIATI	Engine Logbook Entry AIRCRAFT: N 454SR CRS AWKR298C S/N 2428 25170 Aviation Ave., Davis, CA 95616							
Tach / Hobbs	651	.6										
FLIGHT		OVER	ALLED NE RHAUL BY CTION CHE	KELLY	42083-1A2 STARTER ADAPTER AND STARTER P/N 646275-1 S/N H-K120667 AFTER AEROSPACE ENERGY SYSTEMS" CRS# UT2R226L PER WO# M648880, LEAK AND ORMAL.							
_												
		Th	e Aircraft	t and/or	component identified above was repaired and inspected IAW FAA							
_	•	egulati	detai	ls of the	repair are on file at this agency: Signed: Damon Schmidt							
				1								
Data 4/4/2044		general	greated		Towing Laute at Title							
Date 4/1/2011		* "	111		Engine Logbook Entry AIRCRAFT: N 454SR							
W/O# 11380		14/00			CRS AWKR298C S/N 2428							
		WOO	DLAND A	VIATION	25170 Aviation Ave., Davis, CA 95616							
Tach / Hobbs	667.2											
- FLIGHT	651.8	DISCREI	PANCIES	NOTED.	TER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.							
†					, <u> </u>							
+												
	reg	The Aulation	s and wa	s found	mponent identified above was repaired and inspected IAW FAA airworthy to return to service only for the work performed. Pertinent pair are on file at this agency: Signed:							
					Damon Schmidt							

Date	Total	Time	Time	Since	F	
				verhaul	Engine Service and Mainten	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directive Modifications and Service Bulletins	s, Special Inspections,
Date 4/28/201	11	87	7,7	111	Engine Logbook Entry AIRCF	RAFT: N 454SR —
W/O# 11344	ı	W	OODLAND	AVIATION	CRS AWKR298C	S/N 2428 —
				,	25170 Aviation Ave., Davis, CA 95616	
Tach / Hobbs	672.5	COMPLE	TED AN	A NINII 1A 1	NCDECTION DED EAD 40 ADDENDRY FOR LIGHT	
Eng TSN	012.0	OIDE.	VIET AAOL	IN DOME I	NSPECTION PER FAR 43 APPENDIX "D" USING CIR N ACCORDANCE WITH APPLICABLE MANUALS.	
Eng TSO	(CHANGE	D OIL AN	ID FILTER	CUT AND INSPECT FILTER NO METAL FOLIND :	TOOK OIL SAMPLE AND
2.19		NOTED.			SERVICED WITH 7 QTS. AEROSHELL 15W50 OI	
	(COMPLIE	SSION CI	HECK: #1- TELEDY	61/80, #2- 73/80, #3- 75/80, #4- 69/80, #5- 66/80, #6- NE CONTINENTAL MOTORS MANDATORY SERVIO	61/80.
	-	100-HOU	R/ANNUA	L, RECUR	RING LUBRICATION OF ENGINE CONTROLS AFTER I	WASHING ENGINE
	(0	CHECKE	D NORMA	GASKETS N.L. INSTAI	AND TIMED LEFT AND RIGHT MAGNETOS TO 22 DE LED 1 EA NEW PIN RHB-32S SPARK PLUG, FUNCTION	GREES. OPERATIONAL
		, ceruity V	vas detei	MITCE AND	لEngine/Propeller has been inspected IAW an A be in an airworthy condition. Signed Down	nnual inspection and —
	T - 1					on Schmidt
	ENGINE MOD	EL:	TDI Agra	Enterprise		
	IO-550-N ENGINE S/N: REG. NO: N45	690836	Repair Station	No. 7TL R012B	PS DATE: 11/11/2011 A/C TSN: 702.6 ENG TT: 702.6	
	WORK ORDE	R: 00000698	44 MACREADY Merced, CA 95 Phone: 209-722	340	HOBBS: 718	
	Engine En	tries		-7500		
	Changed of	oil and filte	r, sampled o	oil, inspected	l oil filter element, found to be satisfactory. Engine inspected intenance manuals. Washed down engine and run-up leak	
		ornied.		vice and ma	Δ.	
	Maintenance			145.400		
	Aviation Reg	julations an	d was found A	irworthy for re	epaired and inspected in accordance with current FARs rules of the Federal sturn to service.	
	DATE: 11/11	/2011	SIGN	ED:		
				n Fogle	Work Order: 00000698 Printed by EBis 3 (datcomedia.com)	* :
			Certi	ied Nepali Sta	HIGHNO. / TERUIZB	
	7				1 of 1	
					AIDC	RAFT: N 454SR
Date 4/25/20			101		Lingine Logook Linay	
W/O# 1211	14	ű.	VOODLAN	D AVIATIO	CRS AWKR298C	S/N 2428
-					25170 Aviation Ave., Davis, CA 95616	_
_ Tach / Hobbs	748.7	COMPI	ETED AN	ΑΝΝΙ ΙΔΙ	INSPECTION PER FAR 43 APPENDIX "D". ALL WORK	OONE IN ACCORDANCE -
Eng TSN	748.7	WITH A	PPI ICABI	FMANUA	ALS.	
Eng TSO	NA	CHANG SENT (SED OIL A	ND FILTE ANALYSI	R. CUT AND INSPECT FILTER, NO METAL FOUND. S. SERVICED WITH 7 QTS. AEROSHELL 15W50 (TOOK OIL SAMPLE AND— DIL. RUN UP, NO LEAKS
		NOTED). RESSION (CHECK: #	1- 62/80, #2- 70/80, #3- 74/80, #4- 70/80, #5- 66/80, #	6- 56/80. MO=40
		INSTAL	LED ALL	NEW P/N	RHB32E SPARK PLUGS, FUNCTION CHECKED NORM	AL. —
		l certi	fy that th	is Aircra	ft/Engine/Propeller has been inspected IAW an	Annual-inspection and
-					to be in an airworthy condition. Signed Down	

Damon Schmidt

Date **Total Time** Time Since Last Overhaul Hrs. Min. Hrs. Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date 5/9/2012 W/O# 12157



Engine Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

S/N 2428

Tach / Hobbs

756.6

FLIGHT

741.2 COMPLIED WITH FUEL SYSTEM SETUP PER TCM SID97-3E, ADJUSTED IDLE MIXTURE AND FUEL PRESSURE, FUNCTION CHECKED NORMAL.

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: Daniel

Damon Schmidt

Date 5/18/2012 W/O# 12189



Engine Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

761.4

FLIGHT

746.0 INSTALLED ALL NEW P/N URH36S TEMPEST SPARK PLUGS, FUNCTION CHECKED NORMAL.

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: Damen &

Damon Schmidt

Date 11/9/2012 W/O# 12562



Engine Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

S/N 2428

Tach / Hobbs

820.4

FLIGHT

805.1

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO 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.

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: 1) and 2

Damon Schmidt

Date 8/5/2013 W/O# 13060



Engine Logbook Entry

CRS AWKR298C

S/N 2428

AIRCRAFT: N 454SR

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

> 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**

Date 4/22/2013 W/O# 12840



Engine Logbook Entry

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616 **AIRCRAFT: N 454SR**

S/N 2428

Tach / Hobbs

837.4

COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D.

ALL WORK COMPLETED IN

Eng TSN **Eng TSO**

837.4 ACCORDANCE WITH APPLICABLE MANUALS.

N/A DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. SERVICED

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS. NO

ENGINE WITH 7 QUARTS AEROSHELL 15W50 ENGINE OIL COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3,

COMPRESSION TEST RESULTS: #1- 72/80, #2- 68/80, #3- 64/80, #4- 76/80, #5- 64/80, #6- 56/80. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. REMOVED INDUCTION TUBE AND INJECTOR LINE FOR CYLINDER #1. SENT INDUCTION TUBE OUT FOR REPAIR. NOTED NO DAMAGE TO INJECTOR LINE. INSTALLED INJECTOR LINE AND INDUCTION TUBE WITH NEW GASKETS AND O-RINGS. REPLACED MAGNETO GASKETS P/N 649954 AND TIMED MAGS

PER ENGINE DATA PLATE. REPLACED INJECTOR LINE CLAMP.

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

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 9/13/2013 W/O# 13139



Engine Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

REINSTALLED LEFT MAGNETO P/N 10-500556-1 S/N D07AA190 AND RIGHT MAGNETO P/N 10-500556-1 891.7 S/N D07AA189 AFTER 500 HR INSPECTION PERFORMED BY AIRCRAFT ELECTRICAL COMPONENTS UNDER W/O 60515 AND 60516 .TIMED TO ENGINE PER MANUFACTURERS SPECS. OPERATIONAL / 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:

> > Shawn Matthies AWKR298C

Date 11/7/2013 W/O# 13259



Engine Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616 S/N 2428

Tach / Hobbs

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO CHANGED OIL AND FILTER. 913.6 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL W100 ENGINE OIL AND 1 QUART CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

> 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

Date 3/14/2014 W/O# 13477



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

REMOVED AND INSPECTED OIL PRESSURE RELIEF VALVE, NO DEBR\(\)S OR WEAR NOTED. CLEANED. INSPECTED AND REINSTALLED USING NEW BASE GASKET. ADJUSTED OIL PRESSURE TO 60 PSI. OPERATIONAL AND LEAK CHECKED NORMAL

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

Date 5/1/2014 W/O# 13537



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

S/N 2428

Tach / Flight

961.7 COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D.

ALL WORK COMPLETED IN

Eng TSN

ACCORDANCE WITH APPLICABLE MANUALS. 961.7 COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3, COMPRESSION

Eng TSO

TEST RESULTS: #1- 66/80, #2- 46/80, #3- 50/80 #4- 66/80, #5- 68/80, #6- 50/80.

TTAF

N/A COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. SERVICED ENGINE WITH 8 QUARTS A/S 100 MINERAL ENGINE OIL. ADJUSTED IDLE MIXTURE AND FULL THROTTLE FUEL

REMOVED ALL SIX CYLINDERS AND SENT FOR REPAIR. CYLINDERS REPAIRED BY EAGLE ENGINES, CERT# NO3R717L UNDER INVOICE# 17806-04-2014. INSTALLED AND TORQUED CYLINDERS PER TCM IO550N ENGINE MAINTENANCE AND OVERHAUL MANUAL M-18. TORQUED AND SAFETIED ASSOCIATED HARDWARE AS REQUIRED. PERFORMED OPERATIONAL AND LEAK CHECK WITH NO DISCREPANCIES. INSTALLED ALL NEW INTAKE AND EXHAUST LIFTERS P/N 653877 AND 653888 DURING INSTALLATION OF CYLINDERS.

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_ Som Markes

Shawn Matthies AWKR298C

Date 8/26/2014

W/O# 13862



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

25170 Aviation Ave., Davis, CA 95616 CHANGED OIL AND FILTER.

FLT/Tach / Hobbs

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO 980.3 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 100W ENGINE OIL. ADDED 1 PINT CAMGUARD ENGINE OIL ADDITIVE. RUN UP AND LEAK CHECK NORMAL.

> 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

Date 4/16/2015

W/O# 14310



Engine Logbook Entry AIRCRAFT: N 454SR

S/N 2428

95-2

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

1013.9 ACCORDANCE WITH APPLICABLE MANUALS.

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

Eng TSN

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

Eng TSO

TTAF

1013.9 TEST RESULTS: #1- 71/80, #2- 64/80, #3- 71/80 #4- 68/80, #5- 73/80, #6- 66/80. MASTER ORIFICE: 44/80. DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW

1013.9 FILTER AND SERVICED ENGINE WITH 7 QUARTS 100W ENGINE OIL AND 1 PINT CAMGUARD.

COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.

ADJUSTED LEFT AND RIGHT MAGNETO TIMING

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: Simillety

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

Shawn Matthles AWKR298C

		THE RESERVE OF THE PROPERTY OF
		8

Date 8/26/2015 W/O# 14625



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

Tach / Hobbs

25170 Aviation Ave., Davis, CA 95616 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO 1044.4 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 100W ENGINE OIL AND 1 PINT OF CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

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 Matthles AWKR298C

Date 4/21/2016

W/O# 15133



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

ALL WORK

25170 Aviation Ave., Davis, CA 95616 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D.

Tach / Flight

1074.1 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI SERVICE BULLETIN 03-3.

Eng TSN **Eng TSO**

TTAF

COMPRESSION TEST RESULTS: #1- 70/80, #2- 64/80, #3- 70/80 #4- 64/80, #5- 70/80, #6- 70/80. MASTER ORIFICE: 43/80.

N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO 1074.1 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W AND CAMGUARD, ENGINE OIL. COMPLIED WITH CONTINENTAL MOTORS INC SB 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION

OF ENGINE CONTROLS AFTER WASHING ENGINE.

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 Matthles 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 Matthles AWKR298C

Date 11/3/2016

W/O# 15667



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

Tach

25170 Aviation Ave., Davis, CA 95616 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO 1110.8 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER. AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. ADDED 1 PINT GAMGUARD ENGINE OIL ADDITIVE. RUN UP AND LEAK CHECK NORMAL

The Aircraft and/or component identified above was repaired and inspected/AW 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

Date 4/27/2017

W/O# 15959



Engine Logbook Entry AIRCRAFT: N 454SR S/N 2428

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK 1157.9 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

Tach / Flight Eng TSN

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES

1157.9 MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 66/80, #2- 54/80, #3- 70/80, #4- 55/80, #5- 63/80, #6- 67/80. MASTER ORIFICE: 40.

Eng TSO

N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO

TTAF

1157.9 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL W100 ENGINE OIL AND 1 PINT OF CAMGUARD. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.

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 Aanual inspection and was determined to be in an airworthy condition. Signed

Shawn Matthies AWKR298C

Date 7/28/2017 W/O# 16270



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

S/N 2428

Tach

Brα

25170 Aviation Ave., Davis, CA 95616 REMOVED STARTER P/N 646275-1R S/N H-K120667. INSTALLED OVERHAULED STARTER P/N 626275-1R S/N

1186.7 H-P071397. STARTER OVERHAULED BY HARTZELL ENGINE TECHNOLOGIES CERT# 1HZR769B UNDER W/O# M623740. 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 AWKR298C

Date 8/7/2017

W/O# 16311

Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

S/N 2428

Tach

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO CHANGED OIL AND FILTER 1195.60 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND 1 PINT CAMGUARD. RUN UP AND LEAK CHECK NORMAL

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 AWKR298C

Date 5/1/2018

W/O# 16740



Engine Logbook Entry AIRCRAFT: N 454SR S/N 2428

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

1223.3 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

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

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES

Eng TSN

1223.3 MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1-71 /80, #2-68 /80, #3-68 /80, #4-62 /80, #5-

Eng TSO

60 /80, #6- 71 /80. MASTER ORIFICE: 46 /80.

TTAF

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO 1223.3 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ONE PINT OF CAMGUARD. INSTALLED NEW LH MANIFOLD DRAIN LINE.

> 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:

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 AWKR2980

Date 1/30/2019 W/O# 17401



Engine Logbook Entry

AIRCRAFT: N 454SR

S/N 2428

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO CHANGED OIL AND FILTER. Flight 1.248.30 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL W100 ENGINE OIL AND ONE PINT OF CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

> 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 AWKR298C

		·

Date 5/1/2019 W/O# 17582

TTAF



Engine Logbook Entry AIRCRAFT: N 454SR

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK Tach / Flight COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO **Eng TSN** DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW Eng 750

NYA FILTER AND SERVICED ENGINE WITH AEROSHELL TOU MINERAL ENGINE OIL. RUN UP AND LEAK CHECK NORMAL 1251.7

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL. COMPRESSION TEST RESULTS: #1- 70/80, #2- 55/80, #3- 65/80, #4- REP, #5- 62/80, #6- 70/80. MASTER ORIFICE: 45/80. INSTALLED NEW #4 AND #6 LOWER SPARK PLUG WIRE LEAD SPRINGS.

> 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 Matthles AWK 298C

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

Shawn Matthies AWKR298C

Date 8/6/2019

W/O# 17779

WOODLAND AVIATION

Engine Logbook Entry

AIRCRAFT: N 454SR S/N 2428

CRS AWKR298C 25170 Aviation Ave., Davis, CA 95616

1293.4 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO Tach DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL W100 ENGINE OIL & 1 PINT OF CAMGUARD.

> The Aircraft and/or component identified above was repaired and inspected.AW 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

Date 10/22/2019

W/O# 18040



RH Engine Logbook Entry AIRCRAFT: N 454SR CRS AWKR298C S/N 2428

25170 Aviation Ave., Davis, CA 95616

Tach

1332.4 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO. DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL W100 ENGINE OIL AND 1 PINT OF CAMGUARD.

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

Date 5/7/2020

Engine Logbook Entry **CRS AWKR298C**

AIRCRAFT: N 454SR

25170 Aviation Ave., Davis, CA 95616

S/N 2428

W/O# 18401 Tach / Flight

TTAF

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

ALL WORK

Eng TSN

1393.40 COMPLIED WITH DIFFERENTIAL COMPRESSION TEST RESULTS: #1- 63/80, #2- NEW, #3- 52/80 #4- 67/80,

Eng TSO

#5- 66/80, #6- 70/80. MASTER ORIFICE: 38/80.

N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO

DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100 STRAIGHT MINERAL ENGINE OIL. REMOVED #2 CYL P/N 655932E S/N AC06KB150 AND INSTALLED NEW LOADED CYL P/N 658815A1 S/N AC20AA704. REMOVED MAGNETOS P/N 10-500556-1, LEFT S/N D07AA190 AND RIGHT S/N D07AA189. INSTALLED REBUILT MAGNETOS P/N BL-500556-1, LEFT S/N D19GA079R AND RIGHT S/N D19GA051R AND TIMED TO

INC CRS#PQ1269CE UNDER W/O 709881. ENGINE MAGS REBUILT BY CONTINENTAL MOTORS REINSTALLED ENGINE DRIVEN FUEL PUMP P/N 655921-3A1 S/N B07AA226 AFTER REPAIRS BY WESTERN SKYWAYS, INC CRS# WS9R575J UNDER W/O W056659. INSTALLED ALL NEW REAL PREMIUM SILICONE ROCKER COVER GASKETS. INSTALLED OIL FILLER TUBE HOUSING 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:

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

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
Brought Forward		-							

Date 5/21/2020

W/O# 18464



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 454SR

S/N 2428

FLIGHT METER

ADJUSTED IDLE UNMETERED FUEL PRESSURE PER M-0 MM. SECURED ATTACHING HARDWARE. 1403 OPERATIONAL AND LEAK CHECKED NORMAL.

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

Date 6/18/2020 W/O# 18537



Engine Logbook Entry

CRS AWKR298C

AIRCRAFT: N 454SR S/N 2428

25170 Aviation Ave., Davis, CA 95616

1,418.10

CHANGED OIL AND FILTER. CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR WIETAL OILS DESCRIPTION OF THE PROPERTY OF TH INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO AND SERVICED ENGINE WITH AEROSHELL W100 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

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 AWKR298C

Registration N454SR Make

Model

Cirrus SR22

ENGINE

Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Date Hobbs

Flight 1468.0 Work Order 22858

10/20/2020

1557.7

Serviced with 7 quarts 100W Aeroshell oil Replaced oil filter with new P.N. AA48108-2 Old oil filter inspection good, no contaminants found

Added 11.2oz of Camquard Returned aircraft for service

Signature:

Daniel L. Grass A/P 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

Registration N454SR Make Cirrus Model SR22 Serial #

Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945

Engine

Date Engine T/T 05/25/2021 1528.5

SMOH Flt time Work Order

N/A 1528.5 22976

Performed an Annual Inspection service per SMA checklist

2428

Performed a compression test, #1 78/80, #2 77/80, #3 74/80, #4 79/80, #5 77/80, #6 78/80

Serviced with 7 quarts 100W Aeroshell oil

Replaced oil filter with new P.N. AA48109 Old oil filter inspection good, no contaminants found

Cleaned, gapped, and rotated sparkplugs

AD #2020-16-11 Cross-Flow Cylinder Assemblies Integrity

N/A by cylinder S/N.

I certify this engine has been jaspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for service

Signature: Daniel L. Grass A/P I.A.3577254

Sierra Mountain Aviation, Inc. 530.273.5273

N454SR Registration Cirrus Make SR22 Model



Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945

ENGINE

07/22/2021 Date Hobbs 1644.1 1554.4 Flight Work Order 23014

cord

Brought F

Dat

Serviced with 7 quarts 100W Aeroshell oil Replaced oil filter with new P.N. AA48108-2 Old oil filter inspection good, no contaminants found

Added 11.2oz of Camguard Returned aircraft for service

Signature: Daniel L. Grass A/P 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

pections.

Registration

N454SR Cirrus Make **SR22** Model

Date 02/16/2022 Hobbs 1686.4 1596.7 Flight Work Order 23104

Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 **ENGINE**

Serviced with 7 quarts 100W Aeroshell oil Replaced oil filter with new P.N. AA48108-2 Old oil filter inspection good, no contaminants found Added 11.2oz of Camguard

Returned aircraft for service

Signature: Daniel L. Grass A/P 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

N454SR Registration Cirrus Make **SR22**

Model 2428 Serial #

Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 **Engine**

05/27/2022 Date Engine T/T 1615.1 SMOH N/A Flt Time 1615.1 Hobbs 1704.9 Work Order 23152

Performed an Annual Inspection service per SMA checklist

Performed a compression test, #1 74/80, #2 76/80, #3 74/80, #4 77/80, #5 75/80, #6 77/80

Serviced with 7 quarts 20W-50 Phillips Type M oil

Replaced oil filter with new P.N. AA48109

Sent in oil for analysis

Old oil filter inspection good, no contaminants found

Cleaned, gapped, and rotated sparkplugs

Replaced #5 cylinder with overhauled cylinder, overhauled by Western Skyways under W/O WO59023

All AD's are current and up to date

I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for service

Signature:

Daniel L. Grass A/P I.A.3577254

Sierra Mountain Aviation, Inc. 530.273.5273

Registration N454SR Make Cirrus Model SR22

07/21/2022 Date 1732.4 Hobbs 1640.8 Flight Work Order 23187

Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 **ENGINE**

Serviced with 7 quarts 100W Aeroshell oil Replaced oil filter with new P.N. AA48108-2 Old oil filter inspection good, no contaminants found Added 11.2oz of Camguard #5 Cylinder inspection good, lower spark plug is dry Compression on #5, 78/80

Returned aircraft for service

Signature: Daniel L. Grass A/P 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

Date	Registration Make Model Serial #	N454SR Cimus SR22 2428	Sied 13308 Nevad	rra Mountain Aviation, Inc. la City Ave, Grass Valley, CA 95945 Engine	Date Engine T/T SMOH Fit time Work Order	06/01/2023 1695.5 N/A 1695.5 23338	5	
Brought Forw	All repairs and main 16 Rev 2, dated May Performed a compres Serviced with 7 quar Replaced oil filter P. Old oil filter inspectic Took oil sample for a Added Campuard Retimed left hand m Cleaned, gapped, at AD #2023-05-16 Imp. N/A by engine and c AD #2023-02-12 Inta N/A effected valves I certify this engine aircraft is returned Signature: Daniel L. Grass A/P	tenance accomplished in y 2022 or later revision, ession test, #1 74/80, #2 rts 100W Aeroshell oil N. AA48109 on good, no contaminan analysis lag to 22 degrees BTC and rotated sparkplugs proper Installation of Corankshaft S/N ake Valve Failures are not installed a has been inspected if for service.	n accordance Continental r 2 70/80, #3 75 ats found ounterweight l in accordance	st and FAR 43 appendix D e with Cirus AMM P/N: 13773-001 Rev B manual M-O Rev 1 dated Jan 2023 or lat 6/80, #4 74/80, #5 76/80, #6 72/80	eer revision or approp	riate manufactures m	anuals	
Mo. 7	WO_458	T T					and of t	T
wo:	vvO_ 1 30	Steel Aviation	53 North S	STEEL AVIATION Street Ext · Phillipsburg, Ohio 453		ngine Annual · pa	age 1 of 1	
	4SR H: 1746.3			al, IO-550-N, S/N: 690836	01 002 700		5, 2024	4
2. 3. 4. 5. 6. 7. 8. 9. I cert in air	Drained oil and aviation oil add Removed and FILTER. Checked Comp Checked Magn Removed and BA-24. Removed gasc COLATOR, CII Installed new Installed P/N AR/R LF exhau Inconel, S/N 0 ify that this ENO	d serviced. Installitive. cut open oil filte pressions: #1:70 neto timing. replaced Induct colator and inspendent in the colator and in the	alled (7) er. No de /80, #3:60 ion air filt ected. Ins olt, AN 3-3 Nut. ger, w/ ne /32464. nspected	th FAR 43 Appendix D using P/N Phillips X/C 20W50 - Oi fects noted at this time. Inst 0/80, #5:72/80, #2:64/80, #4:0 ter Installed P/N 50207-200 stalled with new O-ring. Installed With Steel P/N A14837-00 in accordance with an (annual accordance with Steel Avia Appendix Ap	il, Installed P/N alled P/N AA4; 66/80, #6:64/80 - Brackett Rep lled P/N MS29 nstalled P/N A 1, 14837-001 ual) inspection	N 08-07096 - 0 8108-2 - TEMI O MO:44. Nacement Filte 513-137 - O R N3-34 - FLAP - Heat Exchar and was deter	PEST OIL or Element, ING, GAS- PER BOLT, nger, SR22,	
								-