N386AM



ENGINE LOG BOOK



Publication ELB-01

NOV 2013

Service Information

Consult the Continental Motors web site at continental motors aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at: 1-888-826-5465 Toll free in the United States or 1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to: Continental Motors, Inc. 2039 Broad Street Mobile, AL 36615 USA

Return engines for overhaul with this log book to: Continental Motors, Inc. **Factory Service Center** 8600 County Road 32 Fairhope, Alabama 36532 USA

> **USE ONLY FUEL SPECIFIED IN OPERATOR'S** MANUAL OR TYPE CERTICATE DATA SHEET **USE OF AUTOMOTIVE FUEL IS PROHIBITED**





Continental Motors, Inc.

Production Certificate 508

Printed:

6/6/2014

he original engine log Test Date: zing history 6/5/2014 e information recorded

This engine model TSI0550K1B, serial number was manufactured by 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 Continental Motors Service Bulletins.



	Total	Time	Time Since L Overhau	
Date	Hours	Min	Hours M	Record maintenance actions including engine part removal a installation and compliance with inspections, Airworthiness Directiv Special Inspections, Modifications and Service Bulletins
	REG. NO. WORK OF Engine	-K (1) S/N: 1010520 : N2218 RDER: 11482 • Entries	ence with the Cirru	Repair Star Aviation Repair Starion No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376 Trus 25HR Full Service Maintenance Program. Inspected engine in accordance with 100 hour ICleaned and installed fuel injectors using new gaskets and seals.
	日 大田川 対イエルイン	The state of	air are on file at this C	M/M
	DATE: 8	/15/2014	SIGN	GNED Work Order: 11482
				nge, Adam Printed by EBis 3 (datcomedia.com
	Market Street	Asign is to		
	Section Control	MEXES		
	CIRE	No s		Leading the Business of Aviation ENGINE RECORD ENTRY
Re	egistration	N22	18	Cutter Aviation San Antonio, Inc. Flight Time 89.7
	odel No.	SR2		367 Sandau Rd. Total Time
(d. III)	rial No.	082	10 P 10 P 10	San Antonio, Texas 78216 FAA Repair Station U7TR491Y PAGE 1 OF 1
1 10	gine Model gine S/N	TSIO55	Dhor	one (210) 340-6780 Fax (210) 384-3394
	RUN ENGIN		TER 12-10-00.	
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Contine #3 78/8 inspecti CMI ICA found sa certify t conditio	E AIRCRAFT/COMDERAL AVIATION STEMS WERE REPAIR ARE ON FILL ON THE PAIR ARE ON FILL ON THE PAIR ARE ON THE PAIR	MPONENT IN ADMINISESTORED AS EAT THIS FEW ATTHIS FEW AT	TRATION AND IS AND FUNCTIONAL REPAIR STATION LESS AND FUNCTIONAL REPAIR STATIONAL REPAIR	Authorized Signature: Tom Bierschwal By August 6, 2015, Hobbs: 127.6, Flight: 101.9. Compressions: #1 78/80, #2 74/80 By Company and Proposed Formula of the Company and Pr

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ried forward		-						
	n up and sh	erked fo	r leaks, non	e noted	mber 4, 2015, Hobbs: 135.0, Tach: 107.8 Described maintenance is airworthy wit R. W. McBride, Jr. AP2710	h respect to work		
		1000						
	CIRRUS			Lead	CUTER >	ENGINE REC		
Registrat	tion	N2218			Aviation San Antonio, Inc.	Flight Time	120.4	
Model No		SR22T		367 Sandau Rd. Total Time -				
		Serial No. 0823			n Antonio, Texas 78216 Repair Station U7TR491Y	PAGE 1 O	E 1	
I Engine M	Engine Model TSIO550K1B				Repair Claudir Of Trasti			
Engine S	/N 1	01052	0 Pho	ne (210) 340-6780 Fax (210) 384-3394			
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	Total	l Time		nce Last rhaul	Engine .	Service and	Maintenan	ice Recoi	
Date					Record maintenance actions including engine part remoinstallation and compliance with inspections, Airworthiness D Special Inspections, Modifications and Service Bulletins				
arried forwar	d ———	→							
	CIRRUS			Leadi	CUII	of Aviation	ENGINE R ENTF		
Registrati	on I	12218	-	Cuttor	Aviation Con	Antonia Inc	Fit hour meter	157.0	
Model No		R22T	· ·	Cutter	Aviation San A 367 Sandau		Engine TT	157.0	
Serial No Engine Mo Engine S/I	odel TSI	0823 0550K1E 010520	B Pho		Antonio, Tex	as 78216 ix (210) 384-3394	PAGE 1	OF 1 _	
5. COMP AND II 6. INSTA CONT 7. INSTA REFEI 8. PERFO	P. REFERENCE OF THAT A 100 PASS	CED PER 12 MONT AS NEED NEW CYL 610-550 M TUNED 7 DITTINENT DUND RU D HOUR II	MOLD SEF TH FUNCTI ED. REFEI LINDER V/ M TABLE E #1 CYLIND TAL TSIO-5 N WITH SA NSPECTIO ETERMINE	RIES ENGI ONAL CH RENCED : ALVE CO B-4. DER FUEL 50 OVERI ATISFACT N HAS BE ED TO BE	INE MAINTENAN IECK OF FUEL I SR22 SERIES M VER GASKETS INJECTOR NO HAUL REPAIR AI ORY RESULTS. EEN PERFORME IN AIRWORTH	P/N 655705. LEAK C ZZLE P/N 657065-151 ND REPLACEMENT M D ON THIS ENGINE CONDITION AND IS	MANUAL. ADJUSTED FUEL F CHECK GOOD. REF 15. OPS/LEAK CHEC ANUAL 10-3.3. IN ACCORDANCE V CAPPROVED FOR	PRESSURE ERENCED CK GOOD VITH FAR 43	
Date:	08/04/20		Aut	ection is on horized nature:	on file at this repa	r station under Work C		chard Kurland	
	CIRRUS			Leadin	CUIT ig the Business	of Aviation	ENGINE REG		
Registra	tion	N2218		Cutter A	Aviation San A	ntonio. Inc	Flight Time	170.4	
Model N	0.	SR22T			367 Sandau	Rd.	Total Time	170.4	
Serial N		0823			Antonio, Texa epair Station I				
Engine M	and the same of th	10550K1E	Phon			(210) 384-3394	PAGE 1 O	F1	
_ Engine S	// 1	010520							
REFI 2. VERI LEAF	FIED AD 20 (ING ALUMI	SIO0550 I 016-16-12 NUM CYL	MM TORQ AMDT. 39 INDER HE	UE TABLE -18610 C' EADS IS I	B-4. PERFORM YLINDER HEAD NOT APPLICABI	658002 USING NI ED GROUND RUN. LE TO BARREL SEPER LE DUE TO AFFECTE IGINAL CONTINENTA	EAK CHECK GOOD. ATIONS AND CRAC D ECI CYLINDERS	KED AND ARE NOT	
FEDERAL A	AVIATION ADM	MINISTRATI	ON AND IS	APPROVED LY TESTED	FOR RETURN TO	ED IN ACCORDANCE WITH SERVICE FOR THE WO WITH MFG'S INSTRUCTION 179	RK PERFORMED. ALL	DISRUPTED	



Date	1 2 4		•		Engine Service and Maintenance Record					
arriad facusard	Hours	Min	Hours	Min	Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Direct Special Inspections, Modifications and Service Bulletins	l and				
arried lolward —		→				-				
HR. MT TOTAL Remov Cut op Operat I certify	TIME: 270 re engine en filter a ional che by that this red to retu	cowling and inspecked Olessengine sengine to se	with no has been wice for w	FI , take oi eign mat leaks fou serviced vork perf	/ inspected in accordance with current FAA regulations and is					
DATE: 9-18 HR. MTR: 2 TOTAL TIM	8-2017 225			FREDE	RICKSBURG AVIATION, LLC. N2218 465 AIRPORT ROAD DERICKSBURG, TX 78624 N2218 TIME STOH: SER.NO: 0823	in a				
Checked (A/D s che Operation	Compress cked thro al checked this En	sion #1- ough this ed OK w	74/80, #2- date with no leal	-70/80, # ks found	in accordance with an Annual Inspection and was determined to be	be in				
Da	270	and	_David Land	A&P 314	0576 I/A					
HR. MTF TOTAL T Remove Cut ope Operati I certify	FIME: 335 e engine on filter ar onal chec that this	nd inspekted OK engine	ect for fore with no l	FR take oil eign matt eaks fou serviced	/ inspected in accordance with current FAA regulations and is					
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rus SR22T inspe	ual Inspe ection gui ion #1-7 ugh this o	de in fa 8/80, #2 date	FREDI required l ctory serv 2-70/80, #3	65 AIRPO ERICKSB by FAR ice man 3-72/80,	PURG AVIATION, LLC. N2218 ORT ROAD TIME STOH: URG, TX 78624 SER.NO: 1099 91.409 and in the scope and detail of FAR 43.13 apd. D. and using ual. Remove engine cowling, #4-72/80, #5-76/80, #6-70/80	ng				
	ngine has	been ir		n accord	ance with an Annual Inspection and was determined to be in					
						-				

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record



Carrie



Leading the Business of Aviation

ENGINE RECORD ENTRY

Registration N2218 Model No. SR22T Serial No. 0823 **Engine Model** TSIO550K1B Engine S/N 1010520

Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 Phone (210) 384-3388 Fax (210) 384-3394 CRS U7TR491Y

FLIGHT HM 299.1 HM 380.4 **ENGINE TT** 299.1 **TSOH**

- COMPLIED WITH A 100 HOUR INSPECTION IAW FAR43 APPENDIX D USING THE CIRRUS SR22 SERIES SCHEDULED INSPECTION REPORT AS A GUIDE.
- DRAINED OIL, OBTAINED AOA SAMPLE AND REMOVED FILTER. OPENED FILTER TO CHECK FOR METAL 2. CONTAMINATION. NONE FOUND. INSTALL NEW CH48108-1 FILTER. SERVICED ENGINE WITH 8 QTS OF PHILLIPS 20W50 OIL. LEAK CHECKED GOOD.

COMPRESSION CHECK RESULTS: 1-74/80 2-68/80 3-74/80 4-78/80 5-75/80 6-72/80 3

- COMPLIED WITH 12 MONTH CLEANING OF FUEL INJECTOR NOZZLES. OPS CHECKED AND LEAK CHECKED 4. GOOD. REFERENCE CONTINENTAL MANUAL FI-2.
- COMPLIED WITH 12 MONTH FUNCTIONAL CHECK OF FUEL INJECTION SYSTEM. ADJUSTED IDLE MIXTURE AND 5. IDLE SPEED AS NEEDED. REFERENCE SR22 SERIES AMM 73-20.
- INSTALLED FACTORY REBUILT LEFT MAGNETO P/N BL-500556-101, S/N D19JA209R AND RIGHT MAGNETO P/N BL-500556-101, S/N D19JA213R. INSTALLED WITH NEW GASKETS P/N 649950 AND TIMED TO ENGINE. OPS CHECKED AND LEAK CHEKED GOOD.
- PERFORMED GROUND RUN WITH SATISFACTORY RESULTS.

I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS ENGINE IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-5101

Authorized T. BIERSCHWALE Date: 11/14/2019 Signature: Date: 01/21/2020 N2218 Midwest Aviation Services, Inc. Tach/Hobbs:391.6 (270)744-8686 Ph. PO Box 219 **ENGTT**: 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com Performed compression check: #1 72/80 #2 70/80 #3 76/80 #4 72/80 #5 70/80 #6 74/80. Removed oil filter for inspection, no contamination noted. Installed new oil filter P/N CH48108-1. Boroscoped cylinders, no defects noted. Washed and ground ran engine, no leaks noted. The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 14305. SIGNATURE OWN for CRS MW8R657W DATE: 4/18/2020 A/C TSN: 317.6 ENG TT: 317.6 FLIGHTTIME: 317.6 Kim Davidson Aviation, Inc. ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1010520 REG. NO. 386AM WORK ORDER: 20862 Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

Replaced oil with 8qts of Phillips 20W50. Blackstone oil sample taken. Removed oil filter, cut open & inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up checks good and no leaks noted.—Inspected exhaust for soot, distortion & general condition.—Replaced Alternate Air Pipe Assy w/new. Function test of alternate air checked good.---Adjust engine RPM, Manifold & Fuel Flow per TCM & Cirrus SR22T MM Instructions.

Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 4/18/2020

SIGNED:

Work Order, 20862

Kim Davidson Certified Repair Station No. YYKR678L

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	Total Time	Time Sir Over	ice Last haul	Engine Service and	d Maintenance Re	cord
Date	Hours Mir	Hours	Min	Record maintenance actions installation and compliance with Special Inspections, Modification	inspections, Airworthiness Di	val and rectives,
arried forward	ENGINE MODE		VI-	n Davidson Aviation, Inc.	DATE 12/24/2020	
	TSIO-550-K1B	010520		er Station No. YYKRE78L	AC TSN: 370.5 ENG TT: 370.5 FLIGHTTIME: 370.5	
	WORK ORDER	W -4	2701 Sant	Airport Avenue la Monica, CA 90405	PEGNITINE 370.3	
			Pho	ne: (Maint 310-391-6293) (Avionics 310-391-0692)		
Marie Control	Engine En			pected in accordance with a 100Hr Inspectio	Cimis Annual Inspection	
	Charl list	and has boon de	termined to	he in AIRWORTHY CONDITION Perfor	med engine compression	
	check 1) 7	4/80 2) 74/80 3	74/80 4)	74/80 5) 72/80 6) 76/80 Master Office 44 l	inspected for metal. No	
	- matel form	d at this time P	in hanelna	filter w/new Run up and no leaks noted.—	C/VV inspection & Cleaning	
	Instruction.	AD 2020 1	6 11 Incha	ers.—Adjust engine RPM & Fuel Flow per T ction & Modification of Cylinders is Not Applic	cable per Engine	
	Manufactu	n Data 6/2014	2 Part# of	Cylinders Installed Are Not Affected.—C/W ns for Continued Airworthiness Doc# TCA000	Inspection of famis Engine	
	2- 70 04 1	moround Inetalls	ation of Oil	Pressure Sensor per Cirrus Service Bulletin	IU2/Inchous Vernosea	
	A in I	tone for all pai e	has soons	located oil psi sensor. Installed New Fittings New Aeroquip Hose for turbo oil supply. Lea	ak test checked good.	
	CANC	2 2. 70 AT D4 C	All Datum I	ing Anti-Chafe Kit Installation per Cirrus Ser	VICE Bulletill illistractions.	
	Replace	ed Exhaust Roo checked good.	xer Covers	s w/new & rocker cover Gaskets w/new on #	-,, o,	
		PromoVacance.			as Repaired or Inspected in	
A CANADA AND A CANADA A	accordance w	Release: The aircr ith current mainte	nance rules	, engine, propeller or appliance identified above wa of the Federal Aviation Administration and is APPR	OVED FOR RETURN TO	
	SERVICE			W 4		A PERIOR
	DATE: 12/24/	2020	SIGNED:	Trun de	Work Order: 21227	
			Kim Davids Certified Re	on Prin epair Station No. YYKR678L	ited by EBis 3 (datcomedia.com)	
A Section Section			70			
	ENGINE TSIO-550	-K13		Kim Davidson Aviation, Inc.	DATE: 4/9/2021 A/C TSN. 406.5	
	REG. NO			Repair Station No. YYKR€78L 2701 Airport Avenue	ENG 17: 406.5 FLIGHTTIME: 466.5	
	, work o	RDER: 21328		Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)		
	Engine	Entries				
	Replac	ed oil with 8qts	of Phillips	20W50 oil. Blackstone oil sample taken. Re and at this time. Replaced oil filter w/new. Ru	moved oil filter, cut open &	
	noted.	Inspected ex	haust for so	oot, distortion & general conditionRemov	ved Sky-Tec starter s/n	
				646275-1 starter s/n H-O-071938. Replace has Changed, See aircraft POH for W&B d		
	Rep	laced/Crimped	new ring te	erminal onto output wire for #2 Alternator. Re	einstalled #2 Alt. s/n H-0040254,	
10.00		d & Adjusted be tions. Function		Torque alternator mounting bolt & tension are ed good.	im boits per TOM MIM	
The second second	Mainte	ance Release. Th	e aircraft ai	rframe, engine, propeller or appliance identified at	hove was Renaired or Inspected in	
	accorda	nce with current r	naintenance	rules of the Federal Aviation Administration and is	S APPROVED FOR RETURN TO	13.43
	SERVIC	E.		6/	4)	100
	DATE:	1/9/2021	SIGN	- 17/	Work Order: 21326	
				Davidson fied Repair Station No. YYKR678L	Printed by EBis 3 (datcomedia.com)	1.03.05
		E MODEL:		Kim Davidson Aviation, Inc.	DATE: 8/3/2021 A/C TSN: 446.5	
	ENGI	550 K1B SE S/N: 1010520 NO: 386AM	(T)	Repair Station No. YYKR678L	ENG TT: 448.5 FLIGHTTIME: 446.5	9 160
	WOR	ORDER: 21560		2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-069	92)	
	Eng	ine Entries		, mine. (maint a target rosso) (Astonios a target ross		
			SIO-550-K	s/n 1010520 for Prop Strike Inspection & R	epair by Pacific Continental.	
		ne TT: 446.5				
				t, airframe, engine, propeller or appliance identifie		
and the second	acco			nce rules of the Federal Aviation Administration an		
	SER	VIOL.		Men &		
Particular States	DAT	E: 8/3/2021	S	SIGNED:	Work Order: 21560	
				Gm Davidson	Printed by EBis 3 (datcomedia.com)	



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

ENGINE LOGBOOK INSERT

DATE: 08/DEC/2021 TACH: N/A HOBBS: 446.5 TOTAL TIME: 446.5 TSMOH: N/A Work Order: Z9831 PACIFIC CONTINENTAL ENGINES, INC 21 W EASY STREET, UNIT 103 SIMI VALLEY, CA 93065 (Air Agency #TZ3R885L) MODEL: Cirrus SR22T S/N: 0823 REG. #: N386AM Engine Model: TSIO-550-K Engine S/N: 1010520

- 1. This engine was removed by Kim Davidson Aviation (KSMO) for a propeller strike inspection. This is an in-service time continued repair. All engine accessories were reinstalled in as-is condition unless noted below.
- 2. This engine was disassembled, NDT inspected, visually and dimensionally inspected, reassembled, and test cell run-in performed. NDT inspection identified the following rejects: (1) camshaft (lobe corrosion), (12) lifters (face corrosion/wear), and (1) alternator drive hub (corrosion). No other defects were noted at this time. Customer crankshaft was repaired by Aircraft Specialties Service on FAA form 8130-3 #ASI-160289. Customer cylinders p/n 658178 s/n's AC14EA812, AC14EA797, AC14EB613, AC14EA783, AC14EA790, AND AC14EA792 were cleaned, NDT inspected, exhaust guides replaced, valve seats ground, intake valves refaced, valves lapped to seats, and barrels honed for standard ring finish. Exchange overhauled magnetos p/n's 10-500556-101 and BL-500556-101 s/n's D13JA021 and D11DA055R were overhauled by PCE on 8130-3 #'s Z9831, and Z9831-1. Exchange overhauled fuel pump assembly p/n 649368-60A1 s/n B12GA204 was provided by D&G Supply on 8130-3 #27791-1. Exchange overhauled alternator p/n 656802 s/n H-Q060740 was provided by Aerotech of Louisville on 8130-3 #141109. PCE provided a serviceable alternator drive hub assy p/n 646655. Customer oil cooler p/n 654585 s/n G04-2147-1205 was overhauled by Pacific Oil Cooler on 8130-3 #144509. Customer fuel nozzles were cleaned. Complied with the following CMI service bulletins: 639, 643C (magneto only), MSB645 (inspected cam 10-400166-4), 658, 669, 670, 00-10, MSB96-10B, and 96-11B. Final engine test cell run-in checked okay for leaks and boroscope inspections. Final cylinder compression numbers are the following: 1-74/80, 2-72/80, 3-76/80, 4-74/80, 5-74/80, and 6-76/80.
- 3. The following new parts were installed at this repair: 8-350998 bushing, 1-639189 plug, 1-536563 dowel, 1-642150 seal, 1-EQ7158 gasket set, 1-646592A2M010 bearing set, 1-629680M010 collar, 2-SA641909 plate, 4-SA649205 screw, 2-SA643626-104 pin, 2-SA643626-103 pin, 4-SA643626-105 pin, 16-SA643629 plate, 16-629104 ring, 16-639193 bushing, 6-SA536379 screw, 6-530658 bushing, 12-642398M010 bearing, 12-654490 nut, 12-655958 bolt, 6-654716P0Q5 ring set, 8-SA641931-10.75 thru-bolt, 40-SA531001 nut, 12-SA652541 nut, 1-630873 dowel, 24-501868 washer, 24-537750 screw, 24-653188 washer, 12-1700-3 bushing, 1-632762 nut, 1-634150 spring, 1-CH48108-1 filter, 1-MS35756-8 key, 1-502287-3 ring, 1-X13041 bearing, 1-641368 bearing, 1-630680 bearing, 1-501867 washer, 1-633845 screw, 1-CAM539800M28 spring, 1-534685 bearing, 1-521649-3 ring, 4-655269 cushion, 2-10-357520 gasket, 1-658715 washer, 1-MS24665-302 pin, 1-642589 nut, 4-654439-15 hose, 4-654439-4 hose, 6-654439-2 hose, 12-MS35842-12 clamp, 6-SA646277 lifter, 6-sa628488 lifter, 1-654084 camshaft, 6-646985 seal, 6-636242 guide, 6-SA643873 valve, 12-SA654441 spring, 12-SA654442 spring, 24-24802 key, 6-652112 roto-coil, 1-646868 support, 1-656130 support, 1-643352 baffle, 1-655760 baffle, 12-RHB32E spark plug, and miscellaneous attaching hardware.

4. This engine was partially inspected and repaired in accordance with CMI manuals M-0, M-18, online CMI IPC, and current regulations of the FAA and is approved for return to service.

John Jackson Chief Inspector

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Ca Kingo	Total Time Overhaul Engine Service and Mainten	ance Record								
Date	Record maintenance actions including engin	e part removal and								
arried forward —	ENGINE MODEL TSIO-550-K18 ENGINE SN 1010520 REG NO 388AM WORK ORDER 21560 Log Entries Rejair Station No. YYKR878L Santa Monica CA 80405 Phone (Maint 310-391-6992) Rejair Station No. YYKR878L Santa Monica CA 80405 Phone (Maint 310-391-6992) Rejair Station No. YYKR878L Santa Monica CA 80405 Phone (Maint 310-391-6992) Rejair Station No. YYKR878L Santa Monica CA 80405 Phone (Maint 310-391-6992) Rejair Station No. YYKR878L Santa Monica CA 80405 Phone (Maint 310-391-6992)	S 46 5 46 5								
	PCE engine log entry for details. Engine Total Time: 446.5 hrs. —Replaced oil w/8qts of Phillips 20W50 Mineral oil. Run up & leak test check good. —Reinstalled all 6 engine rubber mount isolators after Visual Inspection of mounts. Replaced engine mount bolt Lock Tabs w/new. Torque engine mounts bolts per Cirr MM Instructions. —Reinstalled Prop PHC_J3Y1F-1N s/n NJ946B after Overhaul by American Propeller. Replaced prop o-ring w/new. Prop Total Time: 446.5 hrs. —Reinstalled McCauley Prop Governor S-1-44F s/n G2020NJ after Overhaul by True Speed Aero Governors. Replaced prop governor gasket w/new. —Reinstalled onginal #2 Alternator & afternator drive belt. Adjusted #2 Alt. belt tension per TCM MM Instructions. Function test checked good.—Adjusted engine RPM, Manifold & Fuel Flow per Cirrus SR22' MM & TCM Instructions.	us								
	Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. DATE: 12/22/2021 SIGNED: Work Order: 21	1560								
	Kim Davidson Printed by EBis 3 (datcomedia.c. Certified Repair Station No. YYKR678L	-								
	ENGINE MODEL TSIO-550-K18 ENGINE SN. 1010520 REG NO. 386AM WORK ORDER: 21764 ENGINE SN. 1010520 REG NO. 386AM WORK ORDER: 21764 ENGINE MODEL TSIO-550-K18 Repair Station No. YYKR678L Repair Station No. YYKR678L Santa Monica, CA. 90405	446.5 446.5								
	Engine Entries I certify that this Engine has been Inspected in accordance with a 100Hr Inspection/Cirrus Annual Inspection Checklist and has been determined to be in AIRWORTHY CONDITION.—C/W Inspection & Cleaning of Engine; LH & RH Air Induction Filters.—C/W Inspection of Tanis Engine PreHeat System per Tanis Instructions for Continued Airworthiness Doc# TCA0001 Rev.B—Installed New Tanis Heat Pad Element to bottom of oil pan per TANIS STC Instructions.									
	Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.									
	DATE: 12/23/2021 SIGNED: Work Order: 2 Kim Davidson Printed by EBis 3 (datcomedia Certified Repair Station No. YYKR678L									
	ENGINE MODEL: TSIO-550-K1B ENGINE SN: 1010520 REG. NO: 386AM WORK ORDER: 21790 Engine Entries Replaced oil with 8 qts of Phillips 20W50 Oil. Removed oil filter, cut open & Inspected for metal. No meta	: 474.2 : 474.2 : 474.2								
	found at this time. Replaced oil filter w/new. Run up & no leaks notedC/W Visual Inspection of engine & exhaust for leaks and general condition. Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO									
	SERVICE. DATE: 1/21/2022 SIGNED: Work Order: 21790 Kim Davidson Certified Repair Station No. YYKR678L Printed by EBis 3 (datcomedia.com)									

		Total Time	Time Since Last Overhaul	Engine Ser	vice an	d Maintenanc	e Record
Date	н	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 101052 REG. NO. 386AM WORK ORDER: 2201	Repair 2701 A Santa	Davidson Aviation, Inc. Station No. YYKR678L Urport Avenue Monica, CA 90405		DATE 526/2022 AC TSN 517 ENG TT 517 FLIGHTTIME 517	removal and
Carried forward		Engine Entries		(Maint 310-391-6293) (Avionics 31	10-391-0692)		and the second
		Replaced oil wit	h 8 qts of Phillips 20W	is 20W50 oil. Blackstone oil sample taken. Removed oil filter, cut open & bund at this time. Replaced oil filter w/new. Run up checks good and no leaks soot, distortion & general condition.			
		-	an i a sidoma	engine, propeller or appliance if the Federal Aviation Administr	identified above waration and is APPR	is Repaired or Inspected in OVED FOR RETURN TO	
		DATE: 5/26/2022	SIGNED:	Kin		Work Order: 22015	
			Kim Davidso Certified Rep	on pair Station No. YYKR678L	Prin	ted by EBis 3 (datcomedia.com)	
		ENGINE MODE TSIO-550-K1B ENGINE S/N 1 REG. NO 386A WORK ORDER	010520 M	Kim Davidson Aviation, Repair Station No. YYKR678L 2701 Apport Avenue Santa Monica, CA 90405	Inc.	DATE: 7/28/20 AC TSN 5 ENG TT 5 FLIGHTTIME: 5	39
		Engine En	ries	Phone: (Maint 310-391-6293) (Avior			
		fuel injector	line nut. Leak checked	good.		Cleaned & Tightened #3 Cy	d
		Maintenance accordance v SERVICE.	Release: The aircraft, airfra vith current maintenance rul	ame, engine, propeller or applia les of the Federal Aviation Adm	ance identified above ininistration and is A	e was Repaired or Inspected in PPROVED FOR RETURN TO	
		DATE: 7/28/2	Kim Dav	vidson		Work Order: 2209 Printed by EBis 3 (datcomedia.com	-
		-	Certified	d Repair Station No. YYKR678L	•		
		ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 10105 REG. NO: 386AM WORK ORDER: 22	Repa 2701 Santa	n Davidson Aviation, Inc air Station No. YYKR678L Airport Avenue a Monica, CA 90405 e. (Maint 310-391-6293) (Avionics 3	:	DATE: 9/16/2022 A/C TSN: 552.9 ENG TT: 552.9 FLIGHTTIME: 552.9	
		Cirrus AMM 12 4) 78/80 5) 78 Spark Test All 3 Removed oil fil & Leak checke Inspection & C	s Hr. Inspection IAW Cirr -20 lubrication schedul /80 6) 78/80 Master O Spark Plugs.—Replace ter, cut and inspected for good. All work accome	rus AMM 5-20 and Contine e.—Performed engine cor rifice 46 psi.—C/W Inspec ed oil with 8 que of Phillips 2 or metal. No metal found a	ntal M-(xx) Manu mpression check ction of Spark Plu 20W50 oil. Black t this time. Repla 2-10 and Contin	1) 74/80 2) 76/80 3) 78/80 ug Leads. Cleaned, Gap &	
		Maintenance Rela accordance with o SERVICE.	ease: The aircraft, airframe current maintenance rules o	, engine, propeller or appliance of the Federal Aviation Administ	tration and is APPR	as Repaired or Inspected in ROVED FOR RETURN TO	
	+	DATE: 9/16/2022	SIGNED: Kim Davids Certified Re	on epair Station No. YYKR678L		Work Order: 22148 ated by EBis 3 (datcomedia.com)	
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	D	ate	Нс	ENGINE MODEL: TSIO-550-K1B ENGINE SN 1010520 REG NO 385AM WORK ORDER 22290	0	Repair Station No. YYKR678L 2701 Arport Avenue Santa Monita. CA 90405 Phone. (Maint 310-391-6593) (Avionics 310-391-6692)	DATE: 1/12/2023 A/C TSN 596 ENG TT: 598 FLIGHTTIME: 598	removal and ss Directives,
	Carried	forward -	Ē	Continental M-(xx	Manual Eng	en Inspected IAW Cirrus AMM 05-20 Annual In ine has been determined to be in AIRWORTH obtrication schedule.—Performed Borescope	Inspection of Cylinders IAW	
ENGITTIME 539 2 FUGHTTIME 539 2 n Plug & Gasket in Oil Sump Pan.	rain Plug & Gasket in Oil Sump Pan.	identified above was Repaired or Inspected in ration and is APPROVED FOR RETURN TO	Printed by EBis 3 (datcomedia.com)	Continental M-(xx 78/80 3) 74/80 4 sample taken. Re filter w/new. Run M-(xx) Manual.—Operational & Fur System per Tanis Manifold & Fuel F Chafing Inspection Return Lee February Lee 2000.) Manual. No of) 78/80 5) 78/ more of oil filter up and no leak CW Inspection check p Instructions for low per Cirrus no low per Cirrus fritting. Routed Replaced All s installed.—	discrepancies noted. — Cylinder Differential C 180 6)78/80 — Replaced oil w/8 qts of Phillips r, cut open & inspected for metal. No metal for the solution of Engine; LH & RH Air Induction the Cirrus AMM 5-30 Instructions. — C/W Inspect Continued Airworthiness Doc# TCA0001 R S SR22T MM & Continental M-(xx) Manual. — Teflon Fire Sleeve Oil Hose w/new, Hose going (10) I Hose per Cirrus Service Bulletin Instruction Spark Plugs w/new, Tempest URHB32E plugs Re-Timed Magneto's to engine IAW Continen	ompression Check 1) 78/80 2) 20W50 oil. Blackstone oil und at this time. Replaced oil MM 12-10 and Continental on Filters.—Performed Engine ection of Tanis Engine PreHeat ev.B.—Adjusted engine RPM, C/W SB 2x-71-31 R1 Oil Line of from Oil Scavenge Pump to Oil ons to prevent chafing. Leak s. except #3 Cylinder - already	
0-391-069	v Oil Dr	identified i		accordance with cu	se: The aircraft irrent maintenan	, airframe, engine, propeller or appliance identified al nce rules of the Federal Aviation Administration and is	pove was Repaired or Inspected in APPROVED FOR RETURN TO	
onics 310	New Pe	appliance	78L	SERVICE. DATE: 1/12/2023	SI	IGNED: // G	Work Order: 22290	
378L 293) (Av	Installe	riation ap	YYKR6		Ki	im Davidson PYYKR678L	Printed by EBis 3 (datcomedia.com)	
ENGINE STATE OF THE CAN TO SPECIAL	Engine Entries Removed Oil Quick Drain Valve from Oil Sump Pan. Installed New Oil Drain Plug & Gasket in Oil Sump Pan. Leaked checked good. Maintenance Release: The aircraft, airframe, engine, propeller or appliance identified above was Repaired or Inspected in accordance with current maintenance rules of the Federal Aviation digitation and is APPROYED FOR RETURN TO SERVICE. DATE: 10/20/2023 SIGNED:	Valves it per Eng Multi-Se Spot-We Seals w	Manual. Engine H AMM 12-20 Lubric 78/80 5) 75/80 6) Oil Sample Taken. Replaced Oil Filte ——C/W AD 84-26- Replacement Nex 5-30 Instructions Airworthiness Doc Manual.——AD 202 Valves Not Installe per Engine Serial Multi-Segment Exi Spot-Welded Type Seals w/New. Reir	as Been Deter action Schedul 76/80 Maste Removed Oil r w/New. All W 02 Replaceme t Due @ 1148. —C/W Inspec # TCA0001 R (3-02-12 Supe t Not Listed Or naust V-Band of —C/W Fuel installed & Toro	Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 99405 Phone: (Maint 310-391-6293) (Avionics 310-391-6692) d IAW Cirrus AMM 05-20 Annual Inspection Commined To Be In AIRWORTHY CONDITION. Le.—C/W Cylinder Compression Check 1) 70 er Orifice 44 psi.—Replaced Oil w/8 qts of Philitier, Cut Open & Inspected for Metal. No Mork Accomplished IAW Cirrus AMM 12-10 an ent of LH & RH Induction Air Filters w/New. AI. 2. hrs.—Performed Engine Operational & Furtion of Tanis Engine PreHeat System per Taniev.B—Adjust Engine Idle RPM & Idle Fuel Merior Air Parts Cylinders & Intake Valves, N/A.—AD 2023-05-16 Continental Crankshaft Con Continental MSB 23-01A.—AD 2023-09-05 Couplings, N/A per Riveted V-Band Couplings Injection Nozzle Inspection & Cleaning; Replaque Fuel Injector Nozzles IAW Continental M-	ubricated Engine IAW Cirrus (80 2) 74/80 3) 74/80 4) iillips 20W50 Oil. Blackstone etal Found at This Time. d Continental M-(xx) Manual. D 84-26-02 Air Filter action check per Cirrus AMM is Instructions for Continued acture per Continental M-(xx) per SAP Cylinders or Intake bunterweight Inspection, N/A is Replacement of Spot Welded is Installed, Clamps Are Not aced Fuel Nozzle O-rings & (xx) Manual.		
				accordance with curre SERVICE. DATE: 2/13/2024	nt maintenance	12. 5	Work Order: 22826	
	2.21.4.2				Kim D		Printed by EBis 3 (datcomedia.com)	
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