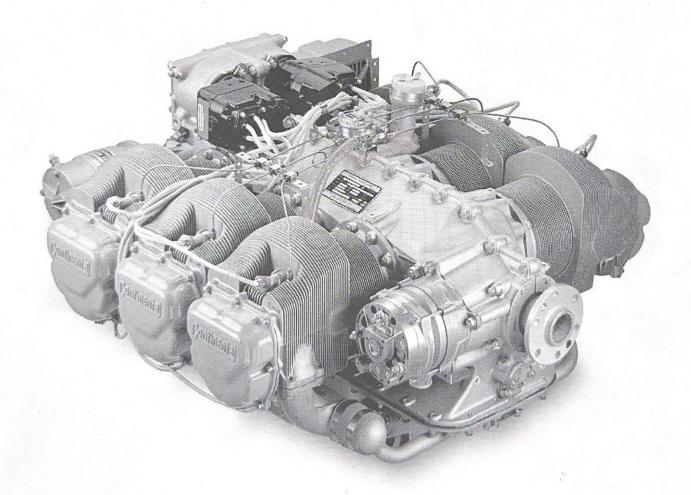
ENGINE LOG BOOK



N9496M



Teledyne Continental Motors, Inc.

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 Abbeville Industrial Park Suite 159 Abbeville, AL 36310

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



Teledyne Continental Motors, Inc.

accordance with A Teledyne Technologies Company the applicable requirements of

Printed: 06/22/2006

This engine model TSI0520H5 Serial No. 217492 - R was manufactured on06/19/2006 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	Tota	I Time		e Since Overhaul	Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	
9.22-06	24	150.5	OT	AC	INISTALLED INTO CESSNA TZIOK	
	4-	735.	TT	AJF		
No. 7	(10	(00	WITH NEW MOUNTS/BOLTS/LOCKS, EXCHIANGE	
a el impresso					0-14 GOV# 2290 D4K/TZ 5# 900199(RS# YWWR311	
	WA	1994	0 8.	06)	0-H TURBO#406610-9005 S#GHROO370 WO	
					HI WAC PUMP G 455RX 5# 6821 (RS#TMZR16	
					- 02) WASTEGATE CONTROLLER AND LINES ALI	
1 10 700					TON TAID HYDRAULE PUMP INSTALLED AS	
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		noning	0.0201		HITIW/	
	AD	1111010	1 50 37 50 0	Jilliam . In the	FITTER CHYSIOS-1, AD RECOMPLIANCE DUE	
	AT			1	CHANGE OR 2550.5 TAC MAX, SERVICED	
	w170	1			UT AND PREDIC, GROUND RUNIS OK	
	NO	FUE	4/016	Loav	S. SET IOLE RPM EMIXTURE.	
		-			I CERTIFY THAT THIS ENGINE HAS BEE	
	-				INSPECTED IN ACCORDANCE WITH ANALYS	
	+			-	INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.	
	-				DATE 9.22.06 TOTAL TIME 0.0	
	-				Call Township	
7-7-1-1					536726276A	
9.29-06	24	70,71	me	!		
			20	2	CHANGE OIL FILTER CH48108-1 OLD FILTER	
1					INSP OK -NORMAL DEPOSITS- CW AD 96-12-22	
					BY INSP TORK STRIPE INITHET, NO LEAKS	
100	RUN	IUP	OK		LICALS arles MILLIT WALLE 19536726276	
16-6-06	24	75.4	OTA	2		
,			24	9	INISTALL RIEW TURBO CHECK VALUES	
					(BOTH), WASH DOWN PUNIUP OK NOLLAKS	
			11	((July Towall 18536726276	
10.23-06	74	41.7	TAC	,	INSTALL I OFAILL ALTERNATOR-TEST OK-	
1025 00	-70	-11/	1/1-0	- 1	(Inthit mall 185367262 ?6	
10.21 21	24	86,5	TA	, ,		
10-26-06	270	, 0/3	1/1-0	12 - 1	MISTALL OH ALTKANATOR P# DOFF10300.	
77,100-0	A 4500		1	57		
51 AL	DATE	08	1-06)	1/= 9	TOK. Chillimann ARSS6726276	
					1.30	
	20	7 16"	77		Z (Ad	

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,			
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	neotives, opeoidi mopeotions,		
Brought Forward		-						
1/13/07	TA	c. 2	626	.3	CHANGEO O'L 12 W80. CHANGEO O'L	9T LEROSHEII		
/ , , ,					W80 . CHANGED OIL	ELLTER CHY8108.		
					CUT VIL FILTER files	C. FOUND NO		
		- 10.00		April 100	METTEL, CLERVED GA	ed rested		
and all all and a second a second and a second a second and a second a				30013	SP/PLUG'S WASHED	DOWN ENG.		
		1			GROUND RUN OK.			
					I certify this ENGINE	TSOH 175.8		
				has been inspected in accordi	ance			
					with ANUAL inspec	tion		
					i i i i i i andii andii an			
		and the same		-	Don many A/PT	A 538261827		
				VI. A	The second second			
			and the second		The second secon			
		marines proper						
1				Control Control				
	1							
						3 17 19 10 10 10 10 10		
11	10-520-	H, serial	ahaaks	192-R T	SMOH: 203.0 his engine has been repaired in accordance on completed as prescribed by the manufact	lure lable of liffiles as [
Continental TS Overhaul Manuapplicable this parts in complients in complient test runs Complied with t SB00-3A Crank ultrasonic inspect Airworthiness D AD#96-12-22 O AD#97-26-17 C	IO-520- Jual. Dimerepair. The second of the	H, serial ensional file ension	No.2174 checks ine has beinental Sovice. Wice Bulle eight & Corona for the control of the contro	H92-R TI have bee neen disa B96-11A ctins: con-rod re mits, M93 , CW part	his engine has been repaired in accordance on completed as prescribed by the manufact assembled and completely inspected the recip. Serviced the oil sump with Phillips 20W-f. epair, SB96-11B Propeller strike inspection, No-4 Counterweight inspection, SB08-12 Gears at (a)(3)(4)(5), due at filter removal not to exceed (b)(c), due any time the crankshaft is removed.	with the Continental ture table of limits as procating and rotating 50XC and completed MSB96-10 Crankshaft Replacement.		
Continental TS Overhaul Manuapplicable this parts in complients in complient test runs Complied with t SB00-3A Crank ultrasonic inspect Airworthiness D AD#96-12-22 O AD#97-26-17 C	IO-520- Jual. Dimerepair. The second of the	H, serial ensional file ension	No.2174 checks ine has beinental Sovice. Wice Bulle eight & Corona for the control of the contro	H92-R TI have bee neen disa B96-11A ctins: con-rod re mits, M93 , CW part	his engine has been repaired in accordance en completed as prescribed by the manufact issembled and completely inspected the recip. Serviced the oil sump with Phillips 20W-f. epair, SB96-11B Propeller strike inspection, NB-4 Counterweight inspection, SB08-12 Gears	with the Continental ture table of limits as procating and rotating 50XC and completed MSB96-10 Crankshaft Replacement.		
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A & P #

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 —		-			
7-23-2010	77:2	710,58	TS	MOH	260,08 DRAINED OIL, REMOUED FILTER
	-				INSPECTED FILTER NO CONTAMENATION FOUND
					NEW FILTER PIN CHUSIOS-1, SERVICED END
					WITH 10 aTS AEROSITELL W-100, COMPRESSION
					CHECKED ENGINE #1 6/80 #2 6/80 #3 6/80
					#4 7500 #5 6400 #6 640 CHECKED
					MAGNETO TINING, CLEANED, GAPPED AND
					TESTED ALL SPARK PLUGS. RAND ENGINE +
					CHECKED FOR CEARS, NONE FOUND.
2			44.		I CERTIFY THIS EMOINE HAS BEEN
					INSPECTED IAW A ANNUAL INSPECTION
					AND WAS DETERMENED TO BE IN ALIZWORTHY
					CONOCTION.
*					ADP 3347822IA

Date: 11/03/11 TAC 2730 Total Time Engine 279.5 TSOH-279.5
Engine was completely disassembled, cleaned & inspected due to prop strike. Crankshaft, cam & all steel gears were magnafluxed. Crankshaft was ultra-soniced as per AD 97-26-17 & MSB M96-10. Crankshaft was polished, rods & mains are .010 under. Engine was assembled using all new gaskets & seals. I certify that this engine was repaired & was determined to be in

See rear of logs for maintenance releases Tim McGinns, A&P 2187070

For M.A.C. Aircraft Engines, Inc. Billings, MT

3

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		-			05/20/2013 N9496M TCMTSIO-520-H S?N:217492-R	
Aller and the second	1				TT:2885.34 ETIS:434.84	
			100	1.54	Performed an Annual Inspection IAW N.W. Aviation Service LLC	
		1			100Hr/ Annual Inspection Form. The following maintenance was	
	1 2 2				performed.	
-	1		PATRI	11.11	Drained oil, Removed filter and inspected elelment, no	
		1			contamination noted.	
The second second second second	150	-	100		Replaced filter with new filter p/n:AA48108-2 and serviced engine	
2.5	-	2-2	1500	+	with 10 qts Aeroshell W-100.	
	di mala		14 1	1 73	Cleaned gapped and tested all spark plugs. Performed compression check, #1:66/80. #2:63/80. #3:69/80.	
	100	-	10000		#4:64/80. #5:63/80. #6:69/80.	
	1	3 3 3 3	1 5 5 A	240	Checked magneto timing.	
	de la		Ya.	a win	Repaired #2 Cylinder bottom high tension lead.	
			12.00		Removed oil cooler due to damage on corner from scat tube clamp.	
	1 334	1	100	1. 1. 1.	Reinstalled Overhauled oil cooler.	
1 1 1 1 1 1	9	111	-	7-	Removed Exhaust heat exchanger due to cracks. Installed Overhauled	
			1.0.5	A 2	unit from Knisley Welding. Checked AD's thru 2013-10. No new AD's. See airframe log for	
		-		-	compliance.	
and the second second	-	157	A CONTRACTOR	11 2 cm 31	Test ran engine and checked for leaks, none noted. All ops checks	
					satisfactory.	
		- A T			I certify this Engine has been inspected IAW an Annual Inspection and	
The Table	1 1000	- Jack		-	was found to be in airworthy condition.	
					Pensula A&P3347822IA	
					N.W. Aviation Services LLC	
THE RESERVE OF THE			2000		7600 Terminal St. SW	
	-				- Turnwater, Wa 98501	
					360-292-7220	
		7.534				
					08/15/2013 N9496M Cessna T210K S/N:21059396	
					TT:2941.83	
					Cleaned fittings at turbo oil drain, ran engine and checked for leaks. No leaks	
					showing at this time. Compression checked engine. #1:70/80. #2:68/80. #3:75/80. #4:68/80. #5:69/80.	
· ·					#6:69/80.	
					Replaced all spark plugs with new Tempest plugs P/N:URHB32E.	
		The same			Enlarged exhaust exit hole in cowl to alleviate chafing on exhaust and cowl. This aircraft is returned to service in respect to the above services performed.	
ATT TO THE REAL PROPERTY.	-			10000	This and die steam	
					Joe Pensula A&P3347822IA	
The latest the second					N.W. Aviation Service LLC. 360-292-7220	
				4		
1					oc loc locations	
					NOAO(M Dete: 06/19/2014 Teal: 2007.45	
					N9496M Date: 06/18/2014 Tach: 2997.45 Performed Annual Inspection.	
					1) Compression check: 1)70/80 2)69/80 3)76/80 4)68/80 5)70/80 6)72/80.	
					Drained oil, collected oil sample, cut and inspected oil filter. Installed new	
					CH48108-1 oil filter. Serviced engine with Phillips X/C 20W50 oil. 3) Checked magneto timing.	
					Cleaned, gapped rotated and reinstalled spark plugs with new M674 gaskets.	
	161				5) Cleaned fuel screens and injectors. Replaced seals.	
					6) Replaced air filter with new BA-2405 element. 7) CW AD96-1277 next flue 3097.45 or filter change.	
					1) 5 III la cat	
The Control of the Co					Leven flushed	
					Kevin Plunkett A&P3268482IA	
		- 1	2.0			

Date	Total	Time	Time Last O	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-	21 10	7.5	Tach: 3031.86 AFTT: 5316.46
07/02/2015	581.	36			Personned Annual Inspection
				13	1) compression check=1-72/80 2-71/80 3-76/80
11 11 11 11 11 11 11 11	1.5	Tiens)	41		4-70/80 5-72/80 6-70/80.
		1		4 4	2) Checked magneto timing.
		Lieu	la la	./	3) clemed, asped rotated as reinstalled
1	1, 14.4	Light	Line	e -6	sparkplugs with new M674 gaskets.
Towns L		1	19		+) cleaned firel screens and injectors. Replaced
H. Washing	1	1	1	77-	seals.
the second	LAN	100		Sylvent	5) C/W AD96-12-22, next due 3031-86 or
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yell a	1 1	500	P. Jane	oil filter change.
	1 Stale	la.	1000	Live	I certify that this engine has been
A Real Property	7.44	-	-	Line	inspected in accordance with an annual
2000	1 47	1-1-			inspection and was detagraphed to be in
44	1	18 187	1.121		arrivertly conditions kein flushed At 3268482 IA
	-				
	-				100
					N9496M Date: 06/18/2017 Tach: 3057.22 Performed Annual Inspection.
				Andrew Control	1) Compression check: 1)70/80 2)74/80 3)72/80 4)73/80 5)70/80 6)72/80. 2) Drained oil, collected oil sample, cut and inspected oil filter. Installed new
	-				CH48108-1 oil filter, Serviced engine with Phillips X/C 20W50 oil.
					3) Checked magneto timing. 4) Cleaned, gapped rotated and reinstalled spark plugs with new M674 gaskets.
				(add of the second	5) Cleaned fuel screens and injectors. Replaced seals. 6) Replaced air filter with new BA-2405 element.
					7) CW AD96-12-22, next due 3157.22 or filter change. Kevin Plunkett A&P3268482IA
					1/ 5 00 0
					Kever Clunkett
1/1-	1011	0.2	1211	7.7	Fich-30175 Tach: 3075-43
03/01/2018	624	75	624 0	15	Page 1 A IT records a Consession
					Check Results:1) 72/80 2)75/80 3) 72/80 4)74/80
					5) 72/80 6) 70/80 () 20/80 1 1 100
					5) 72/80 6) 70/80. Checked magneto timing. Cleaned, gaffed and feinstalled sportplags with new M674 gaskets- Cleaned Sud
					with now M674 associate classed all
					Servers on scolator and insorters.
					Servens, gascolator and injectors, CW AD96-12-22, next due 3175.43 or next
					oil Silter change. I certify that this
					engine has been inspected in accordance
					with an Annual Inspection and was determine
					with an Annual Inspection and was determine to be in a rworthy condition two Churcett
Automobile Control					At 3268482 IA5

	Total	Total Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward	-	-			Tach Time: 3084-68
7/09/2019	634	.18	634.	18	Confression check: 1) 72/80 2) 70/80
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16			77	3)74/80 4) 70/80 5)72/80 6) 70/80.
				1-20	Drained pil. serviced engine with
	- Call			V TO	CH48108-1 oil Silter and Phillips
	-				2. W50 XC pil. Checked magneto
TELLINET SECUL				711	James Cleaned appled cotated and
	2-12-5	2-10-1-0	-1		ceinst led spark pluss, Cleaned Screens.
El manufacture of the	46		19-1-19	-	P.W AD96-12-22 next due 3184-68
			7.1	A 10	or filter change I certify that
			responsession	-1	this engine has been inspected in
1				/2 3	accordance with an annual
	2000				inspection and was determined
	1		1	The state of the s	to be raran airworthy condition
			And Toronto	1 /	Kevin Stungett A+P3268482 IA
dapter, NEXT DUE: 31 nd safetied. Serviced on ss. Fabricated new bra	ACH: 3095. Dection this 195.63. Dra Dengine with Dicket for work, checked	63 Engines date. C/ nined oil, in the standard oil, in the standard oil, in the standard oil, in the standard oil	W AD 71-09 removed oil 20W-50 Phi hoses on RI s – no leaks.	filter. Cut lips. Remo I side of su I certify t	
gnature ON/	2			A	&P3989351 J A
N9496M	,				SPANAFLIGHT AVIATION, LLC 16705 103+ Ave. Ct. E Puysilup, WA 98274 (253)848-2020
	odel C	ontinent	I TSIO 540-	u Engi	Compression Test
Engine Make/M		OTTENTE	1310 340-	Engi	CAIDO VOICE
Engine Make/M DATE: 29 APR 202	2 TACH: 3	126.35 AI	TT: 5140.9	6 Engine T	T: 675.86 SMOH: 675.86 64/80 79/80 71/80 60/80 60/80 54/8
Performed an anni AD profiles and for	2 TACH: 3: ual inspec	tion this dex to be	date IAW th	e scope a	nd detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP
DATE: 29 APR 202 Performed an anni AD profiles and fou discrepancies, Insti	2 TACH: 3: ual inspec und AD inc alled new	tion this dex to be oil filter F	date IAW th up to date. VN CH4810	e scope ar Drained o 8-2, torqu	and detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP in a removed oil filter. Cut open oil filter and inspected contents and found no
DATE: 29 APR 202 Performed an ann AD profiles and for discrepancies. Inst Performed magnet servicing, verified r	2 TACH: 3: ual inspectand AD included new alled new to 500 hr inagneto ti	tion this of dex to be oil filter F nspection ming. Ins	date IAW th up to date. VN CH4810 o. Change in talled over	e scope and Drained on 8-2, torquiternal poi	and detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP ill, and removed oil filter. Cut open oil filter and inspected contents and found no led and safetied. Service engine with 10 qts of Phillips X/C 20W-50. Installed mags after cylinder for Capa XIO F104 in the components of magnetos. Installed mags after
DATE: 29 APR 202 Performed an ann AD profiles and for discrepancies. Inst Performed magnet servicing, verified r Performed AD96-1	2 TACH: 3: ual inspection AD incompleted new to 500 hr imagneto ti 2-22 by incompleted.	tion this of dex to be oil filter F nspection ming. Ins	date IAW th up to date. VN CH4810 o. Change in talled overh	e scope and Drained on 8-2, torquiternal poinauled #2	and detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP il, and removed oil filter. Cut open oil filter and inspected contents and found no led and safetied. Service engine with 10 qts of Phillips X/C 20W-50. Installed mags after cylinder for Cont TSIO-520-H, s/n: S147. Installed new EGT probe on cyl #6.
DATE: 29 APR 202 Performed an ann AD profiles and for discrepancies. Instr Performed magnet servicing, verified r Performed AD96-1 Performed AD71-0 Changed rocker cov	2 TACH: 3: ual inspection AD included new to 500 hr imagneto ti 2-22 by insection AD included here.	tion this of the total text to be oil filter in the control of the	date IAW th up to date. IN CH4810 Change in talled overl of oil filter a on of heat e	e scope an Drained o 8-2, torqu ternal poi nauled #2 adapter as exchanger	nd detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP il, and removed oil filter. Cut open oil filter and inspected contents and found no led and safetied. Service engine with 10 qts of Phillips X/C 20W-50. Inst, cleaned timed and lubed internal components of magnetos. Installed mags after cylinder for Cont TSIO-520-H, s/n: S147. Installed new EGT probe on cyl #6. sy and torque putty. No faults. Due next at oil change or annual. No faults. Due next: 3176.35 – 50 hrs. Repaired baffle seal on air intake duct.
DATE: 29 APR 202 Performed an ann AD profiles and for discrepancies. Inst: Performed magnet servicing, verified r Performed AD96-1. Performed AD71-0: Changed rocker cov	2 TACH: 3: ual inspection AD included new to 500 hr imagneto ti 2-22 by insection AD included here.	tion this of the total text to be oil filter in the control of the	date IAW th up to date. IN CH4810 Change in talled overl of oil filter a on of heat e	e scope an Drained o 8-2, torqu ternal poi nauled #2 adapter as exchanger	nd detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP il, and removed oil filter. Cut open oil filter and inspected contents and found no led and safetied. Service engine with 10 qts of Phillips X/C 20W-50. ints, cleaned timed and lubed internal components of magnetos. Installed mags after cylinder for Cont TSIO-520-H, s/n: S147. Installed new EGT probe on cyl #6. sy and torque putty. No faults. Due next at oil change or annual. No faults. Due next: 3176.35 – 50 hrs. Repaired baffle seal on air intake duct.
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DATE: 29 APR 202 Performed an anni AD profiles and for discrepancies. Inste Performed magnet servicing, verified r Performed AD96-1 Performed AD71-0 Changed rocker cool I certify this powers	2 TACH: 3: ual inspection AD included new to 500 hr imagneto ti 2-22 by insection AD included here.	tion this of the total text to be oil filter in the control of the	date IAW th up to date. IN CH4810 Change in talled overl of oil filter a on of heat e	e scope an Drained o 8-2, torqu ternal poi nauled #2 adapter as exchanger	nd detail of 14 CFR 43 Appendix D. Researched ADs through biweekly 2022-05. Updated ATP il, and removed oil filter. Cut open oil filter and inspected contents and found no led and safetied. Service engine with 10 qts of Phillips X/C 20W-50. Inst, cleaned timed and lubed internal components of magnetos. Installed mags after cylinder for Cont TSIO-520-H, s/n: S147. Installed new EGT probe on cyl #6. sy and torque putty. No faults. Due next at oil change or annual. No faults. Due next: 3176.35 – 50 hrs. Repaired baffle seal on air intake duct.
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Date 05/091	Total	Time	Last O	Since verhaul	Engine Service and Maintenance Record
2023	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward -		-			Tach: 3137.11
05/09/2023	68	6,61	634.	18	Compression check: 172/80 2)78/80
					Checked magneto Hing - Cleared
					CW AD96-12-22. I certify the
				× 1	This engine has been inspected
V.					to be in passworthy conditions
					Kevin Plunkett A+P 3268482 JA
1					
4					
in .				•	
77					
# A					
	-				
				7	

AIRCRAFT: N9496M	TACH: 3166.04	DATE: 04-AUG-2023
MODEL: T210K	ACTT: 5450.64	S.N.: 21059396

- DRAINED ENGINE OIL AND REMOVED OIL FILTER, CUT FILTER OPEN TO INSPECT FOR ABNORMALITIES, NONE FOUND
- REPLACED OIL FILTER WITH NEW AA48108-2, AND SERVICED ENGINE WITH 10qts. PHILLIPS X/C 20W-50
- GROUND RAN ENGINE FOR OP'S AND LEAK CHECKS, NO FAULTS FOUND FOR WORK PERFORMED

90HN BECK A&P3229710