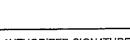
INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.







DATE	TOTAL IN SER HOURS	VICE		DESCRIPTION OF THE WORK PERFORMED .								
	V		A/C Serial # T24002071	A/C Unit #	A/C Registration #	Date APR 29, 2015	City ID	Total A/C Hours	Total A/C Landings	Total Engine HRS 5.3	Total Prop Hrs	_
			Engine Model with TTAF Th	TSIO550C (20) 5.3 Ils engine serviced with	Serial Number TTSN was 8 qts Phillips Aviation	5.3	has been installed 0 and Champion A	on aircraft S/N	T24002071			
,			I certify that the all Administration Work inspected by	y CESSNA AIRCRAFT bove afaired maintenance an Rick C. White SR is maintenance are on file	Certificate No.	ed in accordance with ii PC-4	Date	APR 29, 2015				
				-								_
										,		

MAINTENANCE RECORD

E	TOTAL TIME IN SERVICE HOURS 10THS	DESCF	RIPTION OF THE WORK PERFORM	MED .	AUTHORIZED SI CERTIFICATI & NUMB	E TYPE
	Engin	e Log Book Entry, by	Yingling Aviation for: N	171CS, Cessna T24	0-02071	
		no defects noted at this	oil change, and filter. Repla s time. Serviced with 8qts P			•
	regulation of the	federal aviation administra	itenance and/or inspection was pertion, and the ARTICLE/aircraft id approved for return to service.	performed in accordance lentified above is present	with the current ly airworthy WITH	
	Completed By Yii P.O. Box 9248, FAA CRS #YN Phone 316-94 Signature: NAME: Jeffery	Wichita, KS 67277 18R621Y 13.3246	Work Order # Hobbs Hours	15/2015 Eng Total 17248 Eng TSN 30.5 25.8 25.8	Hrs 25.8 25.8	
Г			MAINTENANCE RECORD			NATURE
E	LEGGAT AVIA www.leggataviation		Cessna T240 N171CS	WORK ORE		TYPE
	→ Installed	filter change carried out. I d Champion oil filter P/N C ground run, leak and funct	Engine serviced with Phillips 20 H48108-1. Old filter cut open a tion checked.	0W50XC oil. nd inspected. No faults	found.	140.00
		naintenance has been per	formed in accordance with the	annlicable ainworthings	requirements and	
	"The described m performance rules	S OT CAR 571.02".		FGG 5		
	"The described m performance rule:	s of CAR 571.02". Signed on behalf c		(FGGE)	te: <u>May 28, 2015</u>	
	"The described m performance rules engine mode engine s/n: REG. NO: 1711 WORK ORDER	Signed on behalf c		(FGGE)	DATE: 6/11/2015 A/C TSN: 60.7 ENG TT: TSMOH: 60.7 TACH: 60.7	
	ENGINE MODE ENGINE S/N: REG. NO: 1710 WORK ORDER	Signed on behalf of the state of CAR 5/1.02". Signed on behalf of the state of the	cincoln Park Aviation Repair Station No. LKPR101K 25 Beaverbrook Road incoln Park, NJ 07035 hone: 973-633-0450	//Da	DATE: 6/11/2015 A/C TSN: 60.7 ENG TT: TSMOH: 60.7	
	ENGINE MODE ENGINE S/N: REG. NO: 1711 WORK ORDER Engine Enti	Signed on behalf of the state o	Lincoln Park Aviation Repair Station No. LKPR101K 25 Beaverbrook Road incoln Park, NJ 07035 Phone: 973-633-0450 CESSNA T240 M.M. INSPECTION REQUIRE pliance identified above was repaired and inspeturn to service. Pertinent details of the repair	MENTS.	DATE: 6/11/2015 A/C TSN: 60.7 ENG TT: TSMOH: 60.7 TACH: 60.7	

Frank R Galella Certified Repair Station No. LKPR101K

CRS# LKPR101KPrinted by EBis 3 (datcomedia.com)

		MAINTENANCE RECORD		
DATE	TOTAL TIME IN SERVICE		* ************************************	SNATURE, TYPE
(972) 931-03 Email: mx@ Date: 5/25/201	345 Tel (972) \$]monarchair.co 16; Aircraft: 171CS;	m S/N: 02071; 2015		<u> </u>
Replaced all vi	alve cover gaskets (with new P/N 655705 IAW Continental OHM. Ops and leak checked good.		
SEL-71-04R1	Oil Copler Cross Fil	tting previously complied with by installation of P/N 658607 fitting. No further action required		
Aeroshell 15W	/50 oil, Replaced of ional and leak chec	ccordance with the manufacturers inspection guide. Drained oil and serviced with 8 quarts if filter with new P/N CH48109-1. Cut open oil filter and no contaminants noted at this time. ked with no defects found. Complied with FAR 91.207 by inspection of the ELT.	and the same of the same	
Above listed n work order(s).	naintenance and/or	inspections completed by Monarch Air repair station MNGR501G under below reterenced	athropol $V^{(b)}$ coston	
Date: 5/25/20	16 Work Order:		schon einde Thained	
I certify that the and was found are airworthy	nis engine has been d to be in ainworthy and thet me aircraft	inspected in accordance with a 100 hour/ Annual inspection condition. I also certify that the above listed repairs is approved for return to service.	th new 1° 8, C31481095 attenut and leaf a of the 17.7	
Signed	01G		repair station	
				•
				on Wanterson
		MAINTENANCE RECORD		
DATE 1-	TOTAL TIME IN SERVICE HOURS 10THS			TURE, PE
Aller and the state of the stat		or the Harley of the second of		
		many management to the mean constraints and the second constraints are second constraints.		<u></u>
		inconvolor and that the application is a second		
ŀ				
		the Alternative Commencer of the Commenc		
		•		

			MAINTENANCE	RECORD			
DATE	IN SEPVICE	and the second s	DESCRIPTION OF THE WOR	OV.DEDEADYEA		7	RIZED SIGNATURE TIFICATE TYPE R NUMBER
	HOUI	the state of the state of	x x + 10	,		2	A STORMENT ST
	g 2 × c = 0	n theat of					
	4 1 5 4	***************************************			••• •		
972) 93	port Dr, Ste 202, Den 1-0345 TeI (972) 93 nx@monarchair.com	1-0450	, MO	NARCH AIR			
Date: 7/14	1/2016; Aircraft: 171CS; S	/N: 02071; 2015			į		
Small amo	ount of oil leaking from bot king noted.	tom of rocker box	covers. Checked torque on rocker box o	over screws. Leak checked. No			
	ed maintenance and/or ins	spections complet	d by Monarch Air repair station MNGR	501G under below referenced			
Date: 7/14)-16988 Total	lme; 209.3				
			ne aircraft is approved for return to servi	ce with regard to the work			
performed					Rice		
Signed CRS MNC	W501G		_				
	CRUM	Wilk Mitter					
		,					e.
	J. 4						
		•					
				,			
	ter MONAS.	Tet A. (A.)			_		MHH, I'
Ďι	In Take Campa			Mary Mark M. M. M. Mark Mark Mark Mark Mark Mark Strong Company Compan		AUTHORI	ZED SIGNATURE,
	071, ettoria Francis amprocis	l a sa	4700 Airport Dr, Ste 202, Denis			MONA	RCH AIR
;	Sale may be sufficient	sant to	(972) 931-0345 Tel (972) 931-0 Email: mx@monarchair.com Date: 9/12/2016: Alrcraft: 171CS; S/N:		ভাজ	IVIOINA	
l (uscolled gauge (1964) usature Parformadopa configurational calculaction fur languagement (yelena)	heel Operation	Installed gauge set for checking fuel props check. Ops check OK. Removed g performed IAW Continental Motors SID Instructions.	aune set and returned engine to norm	ral confid	uration. Leak o	heck OK, All work
	•		Checked clearance between exhaust a	nd firewall. Clearance checks out OK			
	hecked charance to tw		Performed ops check of fuel selector va	alve while running engine. Ops check	ok.		
!	Performed opsiched (d.	HI TO HATE	Above listed maintenance and/or inspe	ctions completed by Monarch Air repr	air statio	1 MNGR501G	
	Above fisted maintenan inder below rot ren (*)		under below referenced work order(s). Date: 09/12/2016 Work Order: SO-	170 <u>96</u> Jolal Time: 233.5			
	Pale 09 12 2016 Wo		I certify that the above repairs are aircuperformed,	arthy and that the aircraft is approved	for retur	n to service wit	h regard to the work
	certify that the above is	Paux al Sagly	SignedCRS_MNCBR001G				
·····			/				
						3	
	•					1	

			O.M.	2 Company of the Comp	1570 22-NO N	V-2015		258.1		· · · · · · · · · · · · · · · · · · ·
DA	TE	274		W. Co. Tomorrana Carlo D. Carlo TV-0-2-1-5-1	200	Contragno INC-55040	30 <u>8, 8-8, 10</u> 1 <u>10</u>	<u>18</u>		NATURE,
	;	S Dra	ned oit. D	rew sample for Blackstone !	on 258. abordories (results o	.1 n file). Rephecod filter with a	ess Fin CG1816	EDMOOR NA. Websited with the North North	ak Kan As r as	TYPE B
		ा	W 15W-5			FOAD	40		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		U7ICS	Engine I				Jeremy S.	/// Clement A&	P 3060290) (IA)
-			<u> </u>	Mesour	PANTATION, 1130 ARRIVARTS	E 9.8"E 100 MESCRITE E 775191 -	1017:015:3246	1		
								.		
				_						
								İ		
										<u> </u>
							, L			
	!	.,,	J					1_		**
			(** ****) 0*******************************				The second secon	· · · · · · · · · · · · · · · · · · ·		
					MAINITEN	IANCE PECOPD			. 4	
DATE		TOTAL	**							SIGNATURE,
		N SER' OURS			S. O. Vall					MBER TYPE
			,	Marakan di Jawa Santa Marakan dan						
	_ .		- 11	MINE OF STATE OF SEC.	з. і			N.		
4700 Ai	rport	Dr. Ste	202, De	enison, TX 75020 031-0450 Fax		MONARCH.	AIR			
Email:	mx@	monar	chair.cor	n	0.0					
A 1 1-			totad in an	S/N: 02071; 2015 cordance with the manufact	urers inspection guide	. Drained oil and serviced w	ith 8 quarts	Asset to select		
Aeroshell Engine o	15W5 peratio	0 oil. Re nal and	placed oil leak check	tiller with new P/N CH4810s ed with no defects found. C	omplied with FAR 91.2	and no contaminants noted a 207 by inspection of the ELT		lafe e ef Ejt		
Torqued I	rocker	box cov	er screws 1	to manufacturer's specificati	ons IAW Continental 1	TSIO-550 Permold Series Ma	aintenance and			
			enaine ail	and exhaust. Cleaned Evar	porator and surroundin	ig interior as needed using s	tandard	Pal There's a	a :	
pratices l	isted i	1 AC 43.	13-1B.							
				rator inspection. Complied				ndmg naere	i () -	
Removed IAW Ces	i balte sna T2	ry P/N R 240 MM	Ch 24			10 S/N 40867697. Ops chec			11.	
			121	required	s at experience new	K akar a sagara a a	ar a rate of con-	ica i iancil	711	
	1		-							
			ı					•		

		_			The state of the s	
DAT		ALTI SERVI				SIGNATURE, VIE TYPE
	HOUF	3S	s • t	Performed visual exhaust system Inspection IAW Cessna T246	0 MM Ch. 78. No discrepancies noted.	
			t	Performed detailed exhaust system inspection IAW Cessna T2	240 MM Ch. 78. No discrepancies notec	i.
		İ	Listed to conti	Performed exhaust system pressure test IAW Cessna T240 M	M Ch. 78. No discrepancies noted.	
			FF I	Above listed maintenance and/or inspections completed by Mowork order(s).	·	ider below referenced
			Contract Control	Date: 6/9/2017 Work Order; SO-17604 Total Time: 298.	1	
			More than me of solk off fine	I certify that this engine has been inspected in accordance with and was found to be in airworthy condition. This certify that the are airworthy and that the aircraft is approved for return to serv	a 100 hour/ Annual inspection e above listed repairs ice.	
		_	े स्वीहर्भ के किल्ला	SignedCRS MNGR5013		
			Country than die			
			inegrate that she and was toos (ao airworthy a	4700 Airport Dr, Ste 202, Denison, TX 75020 (972) 931-0345 Tel (972) 931-0450 Fax Email: mx@monarchair.com	MONA!	RCHAIR
			Stoned CRS AL			
			12			
			···			
i i i i i i i i i i i i i i i i i i i					Ċ	
				MAINTENANCE RECORD		Wall All Control
DATE	TOTAL IN SEF			- 1 MP 1997 OF MP 100 M		TRE,
	HOUNG					
		4	580 Claire Chenn	ault Addison, TX 75001	A NACKIA DOLLAI	D
			972) 931-0345 Te		MONARCH AI	K
			mail: mx@monal	rcnair.com aft: 171CS; S/N: 02071; 2015		
		D	rained oil and service	d with 9 quarts Aeroshell 15W50 oil. Replaced oil filter with at this time. Engine operational and leak checked with no		
			essna T240 M/M Cha		discrepancies noted. All work done	
			bove listed maintenan ork order(s).	ce and/or inspections completed by Monarch Air repair sta	tion MNGR501G under below refer	enced
		D	ate: 10/13/2017 W	ork Order: SO-17852 Total Time: 426.6		
		Lo	certify that the above	epairs are airworthy and that the aircraft is approved for re	turn to service.	
	, ,	Si	igned	<u>//</u>		
		С	RS MAGREOTG			
						-
•						
			1			
	1					

										Acres (See
					DATE	10-JUL-2018		TACHOMETER	395	
		en				Continent	al TSIO-550-C20B S/N 101	1018	1	
DATE	T	#1	MES	AVIATION	E	TT 395.0		ETSMOH N	/A	URE,
	H	⋆ P	erformed	100-Hour Inspe	ection IAW 14 CFR § 43 App.	D.	n 11 1 11 37	D 1		E
	+	* 0	onducted	AD research us	ing TData IApproach through 58/80 2.) 66/80 3.) 72/80 4.	issue 2018-14. All A	Ds complied with. No new A 170/80 M.O.) 47/80 .	Ds due at this ti	me.	
		* C	ompression	on results: [1.] (for Blackstone Laboratories (r	esults on file). Replace	ed filter with new P/N CH48	3109-1. Serviced	with 8 qt AeroShell	
		1	5W-50.							
		* C	leaned, g	apped, rotated, a	and reinstalled all spark plugs. n airworthy condition and is a	nproved for return to	service.	. //	//	
	П	1 cerui	y this eng	ine was found if	Tan worthy condition and is a	END—		1////		
	П							18. M	7	
		N1710	S Engi	NE LOGBOOK					A&P 3060290 (IA)	
	+	111710	•		MESQUITE AVIATION 1130 AII	RPORT BLVD STE 100, MESQ	UITE, TX 75181-1355 - (972) 222-354	16		
								- 1		
				18						
	T									
						ж.		1		
	1									-
								1		
	t									
								1		
					*					
		6	· 1			· ·				
								10		
						^	The second secon		A	
		(<u> </u>				
					MAINT	TENANCE REC	ORD			
DATE										
		ELP	aso Aer	o. Inc.	N#: N171CS	Mfg: Cessna	Model:	T240	Page 1 of 1	
			nics Asso		S/N: T24002071	W.O.#: 701		07/15/19		_
		7305 1	Boeing Di	rive	Flt. Time: 451.9	Total Time:		518.1		
			o, Texas		Engine: 451.9	Propeller:	451.9	343		
								1.1 7010 550 (2000	_
-				nance performed	d in conjunction with a 100 He	our Inspection on Tel	edyne Continental Engine M	odel 1810-550-C	_20B	
			011018: Complied	with 500 Hour	Magneto Inspection on Left M	Magento Bendix Mode	S6RSC-25P P/N 10-50055	6-101 S/N D14L	A045 in	
			accordanc	e with TCM S2	0 Magento Service and Suppo	ort Manual No. X4200	2 Rev. 4, reinstalled, timed t	o engine per TC	M Service	
]	Bulletin N	lo. MSB94-8D :	and final ops checked ok. Magneto Inspection on Right	Maganta Bandiy Mag	tel S6RSC-25P P/N 10-5005	56-101 S/N D14	IA044 in	-
		• (Complied	e with TCM S2	0 Magento Service and Suppo	ort Manual No. X4200	2 Rev. 4, reinstalled, timed t	o engine per TC	M Service	
		- 3	Bulletin N	o MSB94-8D	and final ops checked ok.					
		•	Complied	with TCM Serv	vice Bulletin No. 95-7 manifol sion and performed cylinder le	ld inspection and no p	roblems noted at this time.	96-12 Part I - no	leaks noted and	2000
			ampracei	on checked as f	follows: #1)62 2)62 3)70 4)64	5)68 & 6)66				500
		•	Drained o	il and removed	oil filter. Split filter and inspe	cted as ok. Installed n	ew Champion CH48109-1 o	il filter and servi	ced engine with	
			Phillips 1:	5W-50.	ozzles, cleaned, inspected and	no problems noted. I	Reinstalled nozzles with new	seals, ran engine	and leak	
		226	checked o	k.						_
		•	Removed	spark plugs, cle	eaned, gapped, inspected as ok	and reinstalled as red	quired.			
- 1		•	Installed i	new left turbo g	asket P/N 653005 and leak choler valve cover gaskets P/N 65	ecked ok. 5205 and P/N 1366-1	and two valve covers P/N 6	58002 and leak of	checked ok.	
1		•	Installed i	new oil pressure	relief valve spring P/N 63415	50, reassembled with	new gasket P/N MS35769-26	and ops/leak ch	ecked ok.	
			Inctalled t	new induction a	ir filter P/N BA-345 as require	ed				_
. [Pertin	ent detail	s of work perfor	rmed are on file at this agency irworthy for return to service i	under WO# /0114. I	certify that this engine has be R Part 43 appendix D.	en inspected in a	ACCORDANCE WITH	
		a 100	mour ms	beetion and is al	I worthly for folding to sorvice I	decordance with 17			Hate	
- 1							Adam Ch	enausky /	1000	

DAT	Avionics Associates S 7305 Boeing Drive F	N#: N171CS S/N: T24002071 Elt. Time: 451.9 Engine: 451.9	Mfg: Cessna W.O.#: 70165 Total Time: 451.9 Propeller: 451.9	Model: T240 Date: 07/15/19 Hobbs: 518.1	Page 1 of 1	IATURE, YPE
	El Paso, Texas 79925 FAA CRS#VL1R562K	Engine: 451.9	Propener. 431.9			
	The following maintenance was perfo	ormed in accordance with Mai	intenance Manual and current service	ee information.		
	aircraft is approved for return to serv	ht brake linings P/N 066-0620 ice and is airworthy with respo	ect to the work performed. Pertinent	t details of work performed are o	on file at this	
	agency under WO#69083.		Adam Chamanalan	TEC		
			Adam Chenausky			7
	-	DATE 24-AI		TACHOMETER 481	.7	
	MESQUITE	Date: 45	Continental TSIO-550-C20	ETSMOH N/A		
	★ Drained oil. Drew sample for Blace	ETT 48 kstone Laboratories. Replac	ed filter with new P/N AA48109-			
			END	Portions of work perform	ned by: Jeremy S. Clement	
					g A&P 3930529	
L		DATE 02-N	OV-2020 Continental TSIO-550-C2	TACHOMETER 5	14.8	
	MESQUITE AVIATION	ETT :		ETSMOH N/.	A	
	★ Drained oil. Drew sample for Black		nced filter with new P/N AA4810			
			END	Ven	Jouns	
	N171CS ENGINE LOGBOOK				g A&P 3930529)
	()	MESQUITE AVIATION 1130 AIRPORT	BLVD STE 100, MESQUITE, TX 75181-1355	5 - (9/2) 222-3546		H
				+ + + - +		
	Á					
		785.354.7055	Engine Log			
		Billard Airport	N171CS			
	HEINEN AVIATION SERVICES	Topeka, Ks 66616 R.S. # HN9R720Y				
DATE	Annual Control of the second	W.O. #23-1263	11-16-2023 HOBBS: 72		ATURE	
	. LINCOMED ENGINE	0 DD411155 011				
	NOTED. INSTALLED	NEVV FILLER & SAFET	IOVED OIL FILTER & INSF TED, INSTALLED NEW QU	IICK DDAIN DN CESEO	0	
	SERVICED ENGINE W & LEAK CHECK, FOUI	/ITH 9 QTS OF 20/50 I	PHILLIPS X/C, WASHED E	NGINE, RAN AIRCRAF	T TO OPS —	
	 PERTINENT DETAILS 	ARE ON FILE AT THE	S REPAIR STATION UNDE	ER THE ABOVE WORK	ORDER A -	
	COFT OF THIS WORK	OKDEK HAS BEEN I	PROVIDED TO THE OPER RETURN TO SERVICE.	RATOR.		
-			THE TOTAL TO SERVICE.	18/2	M	
			MIKE D	EVADER		
			WIIKE D	EVADER		
-	010 010					
	- ENTRY DATE	b) (out of			
	n/ 18 73					
	04.10.00		ORDER			
	SEE ENGIN	E —	0.00.			
	106 42					

TSIO-550-C20B Topeka, Ks 66616 DA1 R.S. # HN9R720Y SN: 1011018 W.O. #24-1319 03-26-2024 TT: 651.7 HRS TACH: 651.7 HRS HOBBS: 742.7 HRS PERFORMED ENGINE COMPRESSION TEST ALL AT 60/80 OR BETTER. DRAINED OIL, REMOVED OIL FILTER & INSPECTED FOR METAL, NO METAL NOTED, INSTALLED NEW FILTER & TORQUED. SERVICED ENGINE WITH 8 QTS OF 20/50 PHILLIPS X/C, WASHED ENGINE, RAN AIRCRAFT TO OPS & LEAK CHECK, FOUND TO BE OK. REMOVED & CLEANED FUEL INJECTORS. INSTALLED & TORQUED ALL INJECTORS, ATTACHED LINES & LEAK CHECKED, NO LEAKS FOUND AT THIS TIME. CLEANED, GAPPED, & TESTED ALL SPARK PLUGS, REINSTALLED WITH NEW GASKETS & TORQUED. INSTALLED HIGH TENSION LEADS. REMOVED ENGINE MONITOR WIRES & BAFFLES FROM ENGINE. REMOVED INDUCTION TUBES, FUEL LINES, CLEANED AREA & TESTED SUSPECTED CRACKS USING DYE PENETRANT, NO CRACKS FOUND. REASSEMBLED ENGINE & RAN UP. NO LEAKS FOUND & ENGINE RAN GOOD. COWLED ENGINE & CLEANED AREA. REMOVED INDUCTION AIR FILTER FROM HOUSING, CLEANED HOUSING, & INSTALLED NEW INDUCTION AIR FILTER PN BA-345E. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER. A COPY OF THIS WORK ORDER HAS BEEN PROVIDED TO THE OPERATOR. THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. TÝSON METCALE A&P/IA #3559413

Engine Log

N171CS

785.354.7055

Billard Airport

LIFE LIMITED PARTS SUMMARY

			COMP	ONENT	REM	AINING	REMOVAL DUE AT		
DESCRIPTION	PART NO.	SERIAL NO.	Hours	Cycles	Hours	Cycles	Hours	Cycles	SIGNATURE
	1								
	İ								
	<u> </u>	ļ							
		ļ							
		<u> </u>		-					W.
		İ					l		
		<u> </u>	<u> </u>						
		<u> </u>							
	[ļ							
							 		-
		<u> </u>							
	DESCRIPTION	DESCRIPTION PART NO.	DESCRIPTION PART NO. SERIAL NO.	DESCRIPTION PART NO. SERIAL NO. Hours	DESCRIPTION PART NO. SERIAL NO. Hours Cycles .	DESCRIPTION PART NO. SERIAL NO. Hours Cycles Hours .	DESCRIPTION PART NO. SERIAL NO. Hours Cycles Hours Cycles	COMPONENT REMAINING REMOV. DESCRIPTION PART NO. SERIAL NO. Hours Cycles Hours	COMPONENT REMAINING REMOVAL DUE AT DESCRIPTION PART NO. SERIAL NO. Hours Cycles Hours Cycles Hours Cycles

Billard Airport TSIO-550-C20B Topeka, Ks 66616 DA1 R.S. # HN9R720Y SN: 1011018 W.O. #24-1319 03-26-2024 TT: 651.7 HRS TACH: 651.7 HRS HOBBS: 742.7 HRS PERFORMED ENGINE COMPRESSION TEST ALL AT 60/80 OR BETTER. DRAINED OIL, REMOVED OIL FILTER & INSPECTED FOR METAL, NO METAL NOTED, INSTALLED NEW FILTER & TORQUED. SERVICED ENGINE WITH 8 QTS OF 20/50 PHILLIPS X/C, WASHED ENGINE, RAN AIRCRAFT TO OPS & LEAK CHECK, FOUND TO BE OK. REMOVED & CLEANED FUEL INJECTORS. INSTALLED & TORQUED ALL INJECTORS, ATTACHED LINES & LEAK CHECKED. NO LEAKS FOUND AT THIS TIME. CLEANED, GAPPED, & TESTED ALL SPARK PLUGS, REINSTALLED WITH NEW GASKETS & TORQUED. INSTALLED HIGH TENSION LEADS. REMOVED ENGINE MONITOR WIRES & BAFFLES FROM ENGINE. REMOVED INDUCTION TUBES, FUEL LINES, CLEANED AREA & TESTED SUSPECTED CRACKS USING DYE PENETRANT, NO CRACKS FOUND. REASSEMBLED ENGINE & RAN UP. NO LEAKS FOUND & ENGINE RAN GOOD. COWLED ENGINE & CLEANED AREA. REMOVED INDUCTION AIR FILTER FROM HOUSING, CLEANED HOUSING, & INSTALLED NEW INDUCTION AIR FILTER PN BA-345E. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER. A COPY OF THIS WORK ORDER HAS BEEN PROVIDED TO THE OPERATOR. THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. TÝSON METCALE A&P/IA #3559413

Engine Log N171CS

785.354.7055

LIFE LIMITED PARTS SUMMARY

				COMP	PONENT	REMA	AINING	REMOV	AL DUE AT	
DATE	DESCRIPTION	PART NO.	SERIAL NO.	Hours	Cycles	Hours	Cycles	Hours	Cycles	SIGNATURE

		ļ							'	
		İ								
		 								
								1		
			İ							
					-					
		<u> </u>								
I		<u> </u>	<u> </u>	<u> </u>		<u> </u>		,l		

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER	METHOD	DATE	TOTAL TIM	E IN SERVICE		A.D. (X)	NEXT COMPLIANCE	AUTHORIZED SIGNATURE,	6
AND AMENDMENT NO.	OF COMPLIANCE	OF COMPLIANCE	AIRFRAME	COMPONENT	ONE- TIME	RE- CURRING	DUE-DATE/ HOURS/OTHER	OFFITIOATE TYPE	REMARKS
ä	- 1								
				,		ā			
								=== ===	
							- j		
					4				
			1-74		C00	-			









MESQU

DATE 24-JUL-2020

TACHOMETER 503.2

IGNATURE, E TYPE 3ER

Continental TSIO-550-C20B S/N 1011018

ETT 503.2

ETSMOH N/A

- Performed 100-Hour Inspection IAW 14 CFR § 43 App. D.
- Conducted AD research using TData IApproach through issue 2020-15. All ADs complied with.
- Compression results: | 1.) 67/80 | 2.) 64/80 | 3.) 74/80 | 4.) 68/80 | 5.) 71/80 | 6.) 67/80 | M.O. 46/80 |. *
- Cleaned, gapped, rotated, and reinstalled all spark plugs.
- Replaced leaking valve cover gaskets on cylinders #'s 4, 5, & 6 with P/N RG-632459 silicone gaskets. Leak check: good.

I certify this engine was found in airworthy condition and is approved for return to service.

as of work performed by: Van Gregg

N171CS ENGINE LOGBOOK

Jeremy S. Clement | A&P 3060290 (IA)

MESQUITE AVIATION 1130 AIRPORT BLVD STE 100, MESQUITE, TX 75181-1355 - (972) 222-3546

DATE 27-JUL-2021

TACHOMETER 550.9

ETSMOH N/A

Continental TSIO-550-C20B S/N 1011018

ETT 550.9 Performed 100-Hour Inspection IAW 14 CFR § 43 App. D.

Conducted AD research using TData IApproach through issue 2021-15. All ADs complied with. Compression results: | 1.) 75/80 | 2.) 65/80 | 3.) 73/80 | 4.) 74/80 | 5.) 71/80 | 6.) 71/80 | M.O.) 46/80 |.

Drained oil. Drew sample for Blackstone Laboratories. Replaced filter with new P/N AA48109-2. Serviced with 8 qt 15W-50.

Cleaned, gapped, rotated, and reinstalled all spark plugs.

I certify this engine was found in airworthy condition and is approved for return to service.

Jeremy S. Clement | A&P 3060290 (IA)

N171CS ENGINE LOGBOOK

MESQUITE AVIATION 1130 AIRPORT BLVD STE 100, MESQUITE, TX 75181-1355 - (972) 222-3546



FAA CRS# VNFR171L

4912 S. Collins St Arlington, TX 76018 817-468-7788 www.vanbortel.com

DATE

Hour Meter: 663.2 **N171CS** CONTINENTAL

Tach & Total: 582.2 TSIO-550-C(20)

04/27/2022 SERIAL: 1011018 W.O: CV10243

SERVICE BULLETINS

CESSNA SEL-74-06R1 AND **CONTINENTAL CSB19-02A** IS N/A BY NO SLICK MAGNETOS INSTALLED.

CESSNA SEL-71-10 AND CONTINENTAL SB18-04A ARE N/A BY ALTERNATE PROFILE NUTS INSTALLED. NO FURTHER ACTION REQUIRED.

COMPLIED WITH CESSNA SEL-79-03 & CONTINENTAL CSB07-1A, DURING OIL CHANGE. NO DEFECTS NOTED IN THE MICRON FILTER.

INSTALLED MAGNETIC PLUG P/N 636376. NEXT DUE AT NEXT OIL CHANGE.

CESSNA SEL-24-11 & CONTINENTAL CSB19-06 IS N/A BY ALTERNATOR P/N 646845 INSTALLED. NO FURTHER ACTION REQUIRED.

AIRWORTHINESS DIRECTIVES

AD2020-16-11, CESSNA SEL-71-11, CONTINENTAL MSB18-08C ARE N/A BY NO AFFECTED CYLINDERS INSTALLED BY S/N. NO FURTHER ACTION REQUIRED.

GENERAL MAINTENANCE

CHANGED OIL & FILTER, SERVICED WITH PHILLIPS XC20W50 AND NEW AA48109 FILTER.

PERFORMED SOLVENT WASH OF ENGINE.

LEFT HAND TURBO LOWER AND UPPER GASKETS LEAKING, REMOVED AND INSTALLED NEW GASKETS P/N 652101 & 652100.

UPPER DECK PRESSURE HOSE ROTTED, REMOVED AND INSTALLED NEW HOSE ASSEMBLY P/N AN6270-4D0280 ON THE FITTING ON THE

LEFT HAND SIDE OF THE THROTTLE BODY AND THE MIDDLE FITTING ON THE FRONT OF THE WASTEGATE CONTROLLER.

LEFT HAND MAGNETO GASKET LEAKING, REMOVED AND INSTALLED NEW GASKET P/N 10-357520, TIMED BOTH MAGNETOS TO 24°

#4 FUEL INJECTOR LINE CLAMP BROKEN, REMOVED AND INSTALLED NEW CLAMP P/N 652436-1.

WASTEGATE TRANSITION TAB BROKEN, REMOVED AND INSTALLED REPAIRED TRANSITION P/N 654321 S/N IS632. TRANSITION REPAIRED

BY ACORN WELDING LTD AMO# 100-91 ON THEIR WORK ORDER # IS632.

#2 EXHAUST GASKET LEAKING, REMOVED AND INSTALLED ALL NEW LEFT HAND EXHAUST GASKETS P/N 652458 AND TURBO TRANSITION GASKET P/N 636465.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE, PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER

INSPECTOR











VAN BORTEL AIRCRAFT INC

FAA CRS# VNFR171L

4912 S. Collins St Arlington, TX 76018 817-468-7788 www.vanbortel.com

N171CS

Hour Meter: 669.9

Tach & Total: 588.0

09/20/2022

W.O: CV10323

CONTINENTAL

TSIO-550-C(20)

SERIAL: 1011018

MANDATORY PART 91 MAINTENANCE & LIFE LIMITS

PERFORMED 100 HOUR/ANNUAL INSPECTION IAW 14 CFR 43 AND THE CESSNA 400MM06 MAINTENANCE MANUAL. COMPRESSIONS: 1# 68 2# 65 3# 67 4# 72 #5 72 #6 74/80.

MANUFACTURERS TIME LIMITS, INSPECTIONS & INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

CHANGED OIL & FILTER, SERVICED WITH PHILLIPS XC20W50 AND NEW AA48109 FILTER.

COMPLIED WITH A/C COMPRESSOR BELT INSPECTION & TENSION.

PERFORMED COMPREHENSIVE EXHAUST SYSTEM INSPECTION AND EXHAUST PRESSURE TEST WITH NO DEFECTS NOTED.

REMOVED AND INSPECTED THE OIL PRESSURE RELIEF VALVE WITH NO DEFECTS NOTED, REPLACED CRUSH GASKET WITH P/N MS35769-26. NO LEAKS NOTED AFTER SATISFACTORY GROUND RUN.

AIRWORTHINESS DIRECTIVES

AD'S CHECKED THROUGH BIWEEKLY 2022-20.

GENERAL MAINTENANCE

#31 & #5 E ROCKER COVER GASKET LEAKING, REMOVED AND INSTALLED NEW GASKETS P/N 668893.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ERIC MONROE Sue Maure

JRE,

JRE,