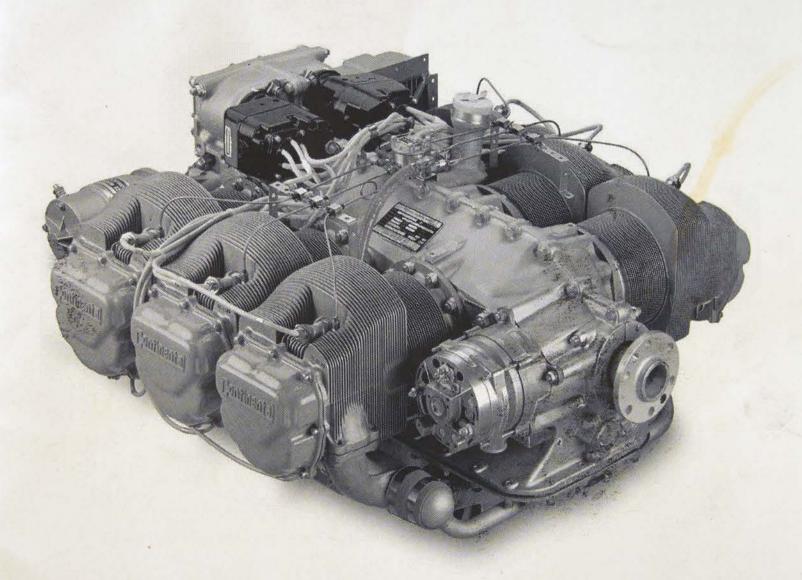
ENGINE LOG BOOK





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.



This engine model 10470E18 , Serial No. 088783 - R was manufactured on03/22/2005 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	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,							
	Hrs.	Min.	Hrs.	Min.	Installation Modificat	ons, Insp	ections,	Airwo	orthines	s Directi	ves, Speci	al Inspections,
win City A	Airmot	tive (FIT) Fito	hbura	Ma 01420	070	Service	e Rnile	etins			
		*****	bbs 34	25,37	:Tach	N 945	142-870					
Compression 7	Test X/8	0	#1		42	11.7	LA	#4	Engin	e Repai		
Performed the foli	lowing repo	airs utiliz	ing the man	ufactures	maintenance	manage of the	Ai	-	Serial #	-	#6	
1) Prepared	ICM Con	itinental	's factory r	emanufac	tured engine	nort mus	about IOA	70E18	B, Seria	d number	088783	
					ial number 2 and all relate						_	
b)	Installed	generate	or bracket a	and the ge	nerator asser	d metal c	ooling ba	affles.				
c)	Installed	vacuum	pump.		norator asser	mory.						
d)	Installed	Propelle	er governor									
e) f)	Installed	the hydr	aulic pump lary wiring	and all r	elated hoses	*						
	to the airc	craft's lo	cation (IF)	with th	e owner ope			3.4				
a)	Removed	all asso	ciated airc	raft cowls	s and preppe	d the eno	ine bay r	ed the	installe	ng on site	services: -	
b)	Removed	and rep	placed the a	urcraft's	engine moun	t with an	overhau	led exc	hanged	unit pro	vided by	
	Nosoia a	na Asso	ciates part	number 1	251000-1, se	erial num	ber K267	21 und	er work	order nur	nhor	
	hardware	istalled	the mount	In Accord	lance With C	essna's i	naintena	nce ma	mual. U	tilized all	new	
c)		000	Continents	l engine	part number	IO470E1	RB com	d room	000	702 :- 41		
•,	Cessna 2	10, seria	al number 2	21057751	In Accordar	ice With	Cessna's	and T	CM's n	naintenan	aircraft a	
	manuals.										~	
d)	Installed	an over	hauled vac	uum pum	p part number	er 3P194	F, serial 1	numbe	r 33015	-		
e)					ernor part n					570446.		
				Conti	inue							
- 1		1										
				1								
f)				id lines n	nanufactured	by Easte	ern Aero	Supply	y of Nev	w Jersey u	nder work	
	order nu			**								
g)			ginal hydra		p. D2A3YC58-	0 / SQT A	T.Q cori	al num	her 067	173 Prio	rto	
h)					New Englar					173.1110	10	
i)					zing a new d					1.19.		
j)	Re-insta	lled all	original El	ectronics'	Internationa	al EGT /	CHT pro	bes an	d assoc	iated wiri	ng	
				eplaced tv	wo EGT prob	oes with	new prob	es par	t numbe	r P-110 is	cylinders	
15	number	#2 and	#1.	Air Wall	f remote oil	ovetom in	eludina	new O	rings a	nd nackin	os on the	-
k)	adapter.		oses on the	Air won	remote on :	system ii	cluding	new O	-ingo a	nu puekin	go on the	
3) Serviced			12 quarts o	f Aero Sh	nell 100 min	eral oil.						
4) Spun air	craft over	to obta	in oil press	ure.								
5) Installed	all snark	nlugs a	nd perform	ned an ope	erational test	L.			A PARTICIPATION OF THE PARTICI			
6) Perform	ed minor	adjustm	ents to the	idle and	related settin	igs per T	CM's ma	untena	nce mai	nuais.		
					normal with							
aircraft was ins	PARK THE	With the same	de es acces	lanca with	the manufact	ures main	tenance m	anuals.	All syste	ems interru	pted have	-
					approved for	any boo b	on provid	led to th	ne owner	/ operator.		
inent details are	on file at t	his agenc	y under wor	k order no	0.3129 and a c	opy nas b	All plovid		1	The state of the s		
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2 200 40	a Ingresign	D 00 F	45000			RV.	MI	Mi	da	9		
ark Maljani	ian A&	P 335	45223			D1			-			
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	-										A Committee	The Paris
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Date Total Time Since Last Overhaul Hrs. Min. Hrs. Min. Hrs. Min. Time Since Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	Date Total Time Since Last Overhaul Hrs. Min. Hrs. Min. Min. Min. Modifications and Sonice Pulleting and Special Inspections, Modifications and Sonice Pulleting and Sonice Pulle
Brought F Twin City Airmotive (FIT) Fitchburg, Ma 01420 978-342-8700 tel. Twincity98@MSN.com	I MOUID AUD SEIVICE BUILDING
+Hobbs 14/100 THEF IT 74JIA	Bi Twin City Airmotive (FIT) Fitchburg, MA 01420 tel. 978-342-8700 Twincity98@MSN.com
11 Serial # 210-57751	Date: 05/01/07 : Hobbs 3436.31 : Tach N 9451X Fraing Annual
Compression test: #1 79/80, #2 78/80, #3 78/80, #4 79/80, #5 78/80, #6 78/80 Compression test: #1 79/80, #2 78/80, #3 78/80, #4 79/80, #5 78/80, #6 78/80	Compression Test X/80 #1: 78 #2: 78 #3: 78 #4: 77 #5: 77 #6: 78
Compression test: #1 /9/80, #2 /8/80, #3 /8/80, #1 /9/80, #2 /8/80, #1 /9/80, #2 /8/80	ETT: 8.65 SMOH: 8.65 Airframe Serial # 21057751
1) Adjusted the un-metered fuel pressure setting IAW SB 97-3A and TCM's maintenance	Performed the following annual utilizing the manufactures annual inspection guide:
manuals.	Inspected and serviced engine in accordance with Cessna annual inspection report
2) Computer noted not to be going fully on line. Removed the unit and sent out for repair	2. Performed engine compression check with the following results: #1 78/80, #2 78/80, #3 78/80, #4 77/80 #5 77/80, #6 78/80. 3. Changed oil and installed new filter, POI CH48108 1, terror to the compression check with the following results: #1 78/80, #2 78/80, #3 78/80, #4 77/80 #5 77/80, #6 78/80.
ovality Aircraft (refer to attached yellow tag for details). Inspected all associated	Changed oil and installed new filter, P/N CH48108-1, torque to manufacturer's specs. Safety wired. No sample was taken at this time due to the use of type M oil. Serviced engine with 11 quarts of Phillips 20W-50 type M oil.
wiring with no defects noted. Re-installed the unit with no defects noted.	Removed all spark plugs. Inspected, cleaned, gapped and tested. Installed plugs utilizing new M674 gaskets torque to
3) Repositioned two induction clamps via cylinder #5. Installed ram induction clamps on	TCM's specs. 5. 4. Checked mag to engine timing. Both mags were found to be within spec.
3) Repositioned two induction clamps via cylinder #3. Instance rain induction clamps on	Removed and cleaned engine fuel screens. Reinstalled screens using new gasket.
the forward position and installed new hose clamps on the rear position.	7. Removed six (6) TCM fuel injector nozzles P/N 627335D12-C and installed General aviation modifications. Inc
4) Installed heat shield on the engine mount and intake tube hoses as needed.	GAMIjectors Kit GAD12C S/N 15967. Work was done in accordance with STC# SE09217SC PMA# PQ821SW and installation instructions IP-96-001 (Rev 004) Dated September 25, 1996. There is no change in weight and balance.
5) Replaced the magneto P-leads from the ignition switch to engine. Spliced new P-leads	Instructions for continued airworthiness: GAMI recommends removal and cleaning of the nozzles at normal intervals of 100-
wires utilizing 18-gauge wire TEFZEL. Operational test good at this time noted.	200 hours. Nozzles may be soaked in an appropriate solvent such as gunk carburetor cleaner of Hoppe's #9 gun solvent.
6) Removed all spark plugs, cleaned, inspected, set gaps, tested and re-installed utilizing	Followed by blowing off with an air nozzle. A small hole should be visually clear through the nozzle. CAUTION: Do not attempt to insert drill, wire or other article into the nozzle in an attempt to clean the orifices. In the event that the nozzle
0) Removed an spark plugs, cleaned, inspected, set gaps, tested and to instance difficulties and all ignition leads with solvent	becomes clogged and requires cleaning and recalibration, it may be returned to GAMI for service.
new M674 gaskets. Cleaned all ignition leads with solvent.	Checked torque of all rocker box covers IAW TCM's spec.
7) Checked the ignition to magneto timing. Timing was found to be within the	10. Removed and installed new BA2305 Air filter element.
manufactures specs.	Continue
Continue	11. Installed new oil quick drain. Installed 1Ea S6250 quick drain valve.
	12. Washed engine run up aircraft. Leak checked none found at this time.
8) Re-torque all induction, exhaust and rocker box hardware as required.	This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have
9) Washed the engine and all associated components. Performed an operational check	been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed.
with no leaks or discrepancies noted.	Pertinent details are on file at this agency under work order no. 3717 and a copy has been provided to the owner/operator.
END	I certify that this Engine has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION
This aircraft was inspected and/or repaired in accordance with the manufactures	E - 04
	Eric J. Steigelman A&P 10582467 I.A. by:
maintenance manuals. All systems interrupted have been tested and / or leak checked as	
necessary. This aircraft is approved for return to service with respect to the work	
performed. Pertinent details are on file at this agency under work order no. 3284 and a	Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 twincity988verizon.net
copy has been provided to the owner / operator.	Date: 7/9/08 Hobbs: Tach: 3447.1 N 9451X Engine Annual
eopy has seen provided to the owner repetator.	Compression Test X/80 #1: 78 #2: 78 #3: 75 #4: 78 #5: 78 #6:
	Engine SMOH: 17.73 Airframe Serial #: 210057751
I certify that this Engine has been inspected in accordance with an Annual	Performed the following annual utilizing the manufacturer's annual inspection guide:
Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION	1
0 0	1. 1. Performed compression test with the following results: #1- 78/80, #2- 78/80, #3- 75/80, #4- 78/80, #5- 78/80. 2. Dressed and painted prop.
Eric J. Steigelman A&P 10582467 I.A. by:	3. 3. Washed and cleaned engine as required.
Zino v. Stellgelinian racer 10502 (07 In t. 0).	4. 4. Remove and replace engine air filter with new P/N BA2305 element.
	5. 5. Adjusted alternater belt as required.
	6. Remove and replace starter boot missing on (+) lead with new. 7. #34 thru bolt nut cracked on #1 cylinder. Removed baffling to gain access. Installed new nut P/N 652541. Torqued to 650 in/lb
	8. 8. Per McCauley maintenance manual, prop has exceeded OH times. Has been repaired/flushed on 3/16/05. Suggested OH at next
	annual. 9. 9. Changed oil and installed new filter P/N CH48108-1.
	10. 10. Washed and cleaned engine.
	This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are
	on file at this agency under work order no. 4146 and a copy has been provided to the owner/operator.
	Legrify that this Engine has been inspected in accordance with an Annual
	Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION
	Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION Mark Maljanian A&P 33545223 I.A. by:
	Iviaik Iviaijailiai Acci 55575225 i.i. c.j.

State	Date	Total	Time		Since verhaul	Eng	gine .	Sen	/ICE	and Airworth	iness D	irective	nance Recor
Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 twincity988verizon. Tox N80 B1: 75 B2: 76 B3: 76 B4: 72 B5: 77 B6: 75 B6: 75 B7: 76 B3: 76 B4: 72 B5: 77 B6: 75 B7: 76 B7: 77		Hrs.	Min.	Hrs.	Min.			10		Dullotin	c		
Pate: 1116/09 Hobbs: Tach: 3548.10 N 9451X Hs; 77 H6; 75	Twin Cit	v Airn	notiv	e Inc (K	FIT) Fit	tchburg	, MA 0.	1420	tel:	978-34	2-8700	twin	city98@verizon.net
Engine SMOH: 118.73			Hob	bs:		Tach:	3348.1	ON	74.	JIA		A.III	Sinc zaminin
Performed the following annual utilizing the manufacturer's annual inspection guide: 1. Performed compression check on engine with the following results: #1-7580, #2-7680, #3-7680, #4-7280, #5-7780, #6-1. 2. Drained oil. Removed filter and out open to check for metal. None found. Installed new filter PN CH48108-1. Oil sample taken analysis. Serviced engine with 12 Qs of 15 W50 Aerostello il. Rem up engine and leak checked. None found at this time. 3. Removed and replaced cylinder #6 ECT probe with new PN D-19 allowed gasket with new PN 649983. Reinstalled intel screen. Removed and replaced filt indication, exhaust and rocker box covered variety and the provided of the provided in the provided in the provided in the provided of the provided of the provided in the provided in the provided of the provided in the provid	Compressio	n Test	X/80	#1: 75	#2:	76	#3:	76	#4:				
1. Performed compression decks on degine with use. For meal. None found. Installed new filter PN CH48108-1. Oil sample tak analysis. Serviced engine with 12 Qs of 15 W50 (17 mobe with new PN) P-110. 3. Removed and replaced cylinder #6 E77 mobe with new PN P-110. 4. Removed and related dyinder #6 E77 mobe with new PN P-110. 5. Retorqued all induction, exhaust and rocks on Cyl #1 #2.0 #6 with new PN P-110. 6. Removed and replaced finel injector nozzles on Cyl #1 #2.0 #6 with new PN P-110. 7. Removed and replaced finel injector nozzles on Cyl #1 #2.0 #6 with new. Installed per instructions. Cleaned other nozzles. Removed and replaced gasket with new gaskets P/N M674. Checked mags to en timing and found within spec. 8. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets P/N M674. Checked mags to en timing and found within spec. 8. Removed safety wire from alternative adjuster or dinboard bolt. Retightened bolt. 9. Removed and replaced oil temp bulb adapter with new gasket P/N M535769-11. 10. Installed new bracket air filter kit with new P/N BA2110. 11. Washed and cleaned engine. 12. CW Airworthiness Dreative research to 2009/122 biweekly issuance. This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have tested and/or leak-checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 4675 and a copy has been provided to the owner/operator. 1. Performed the following annual utilizing the manufacturer's annual inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION Eric J. Steigelman A&P 10582467 I.A. by: 1. Performed compression check on engine with the following results: #1-74/80, #2-74/80, #3-74/80, #4-70/80, #5-72/80, #6- 2. Drained oil and removed filter to cut open and inspect for discrepancies - none found. Installed new filter PN CH48108-1. Ois sample was taken for an	Engine SM	ОН: 11	8.73			10.00				Airj	rame se	riui #.	210-37731
Tach: 3601 N 9451X Engine Annual Compression Test X/80 #1: 74 #2: 74 #3: 74 #4: 70 #5: 72 #6: 72 Engine SMOH: 175.63 Performed the following annual utilizing the manufacturer's annual inspection guide: 1. Performed compression check on engine with the following results: #1-74/80, #2-74/80, #3-74/80, #4-70/80, #5-72/80, #6- 2. Drained oil and removed filter to cut open and inspect for discrepancies - none found. Installed new filter P/N CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none for this time. 3. Retorqued all induction, exhaust and rocker box cover hardware. 4. Removed, cleaned, inspected and reinstalled fuel servo inlet screen with new gasket. 5. Removed, cleaned, and reinstalled fuel injectors and nozzles. 6. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets P/N M674. 7. Cleaned all ignition leads with solvent. 8. Dressed and painted back of propeller. 9. Repositioned intercylinder baffle between cylinders 2/4, 1/3 and 3/5. 10. Removed and cleaned air/oil separator and reinstalled. 11. Removed exhaust clamps. Inspected, cleaned and reinstalled with new hardware. 12. Secured P-leads and fuel flow wiring with (2) new adel clamps P/N MS21919WDG-8. 13. Retorqued and safetied cylinder #3 EGT probe. 14. Removed propeller and propeller bulkhead. Repaired propeller bulkhead as needed. Replaced hardware with new. Reinstalled propeller and bulkhead. 15. Resecured oil pressure line. 16. Removed fuel strainer, cleaned, inspected and reinstalled. 17. Installed missing screws in muffler shrouds as needed.	1. Per 2. Drs anal 3. Rer 4. Rer 5. Ret 6. Ren 7. Ren timir 8. Ren 10. Insta 11. Was 12. C/W This aircra tested and/details are 1 certify the Inspection	rformed co- ained oil. It lysis. Serv moved and torqued all moved and moved all s ng and four noved safet noved and alled new b shed and cl / Airworthi aft was insp /or leak-che on file at th at this Eng and WAS	mpressic Removed iced engoreplaced cleaned induction replaced park plund within ty wire for replaced pracket a eaned er iness Directed are ecked as his agen ine has I DETER	on check on of the control of filter and of gine with 12 of the control of the co	ut open to Qts of 15V EGT pro y inlet scr nd rocker r nozzles , inspected or adjusted b adapter with new P rch to 200 d in accord This aircra rk order n ed in accor BE IN Al	o check for W50 Aeros with ne een. Rembox cover on Cyl #1, d, set gaps with new P/N BA21 biwe dance with aft is approximate to 4675 ar ordance wirdance wird	metal. No shell oil. I sw P/N P-1 oved and r hardware. #2, #6 wit , tested an ard bolt. If gasket P/N 10. sekly issua in the manu- oved for re- and a copy I th an Annu-	th new . d reinst leetighte WMS35	gasket Install alled w ned bol 769-11	with new g It.	w P/N 649 structions askets P/N	None fo 983. Re Clean N M674	und at this time. cinstalled inlet screen. ed other nozzles. Checked mags to engine
erformed the following annual utilizing the manufacturer's annual inspection guide: 1. Performed compression check on engine with the following results: #1- 74/80, #2- 74/80, #3- 74/80, #4- 70/80, #5- 72/80, #6- 2. Drained oil and removed filter to cut open and inspect for discrepancies - none found. Installed new filter P/N CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none for this time. 3. Retorqued all induction, exhaust and rocker box cover hardware. 4. Removed, cleaned, inspected and reinstalled fuel servo inlet screen with new gasket. 5. Removed, cleaned, and reinstalled fuel injectors and nozzles. 6. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets P/N M674. 7. Cleaned all ignition leads with solvent. 8. Dressed and painted back of propeller. 9. Repositioned intercylinder baffle between cylinders 2/4, 1/3 and 3/5. 10. Removed and cleaned air/oil separator and reinstalled. 11. Removed exhaust clamps. Inspected, cleaned and reinstalled with new hardware. 12. Secured P-leads and fuel flow wiring with (2) new adel clamps P/N MS21919WDG-8. 13. Retorqued and safetied cylinder #3 EGT probe. 14. Removed propeller and propeller bulkhead. Repaired propeller bulkhead as needed. Replaced hardware with new. Reinstalled propeller and bulkhead. 15. Resecured oil pressure line. 16. Removed fuel strainer, cleaned, inspected and reinstalled. 17. Installed missing screws in muffler shrouds as needed.)ate: 2/1/11	1	Hobbs	S:	I	ach:	3601	N	945	IX		En	gine Annual
erformed the following annual utilizing the manufacturer's annual inspection guide: 1. Performed compression check on engine with the following results: #1- 74/80, #2- 74/80, #3- 74/80, #4- 70/80, #5- 72/80, #6- 2. Drained oil and removed filter to cut open and inspect for discrepancies - none found. Installed new filter P/N CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none for this time. 3. Retorqued all induction, exhaust and rocker box cover hardware. 4. Removed, cleaned, inspected and reinstalled fuel servo inlet screen with new gasket. 5. Removed, cleaned, and reinstalled fuel injectors and nozzles. 6. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets P/N M674. 7. Cleaned all ignition leads with solvent. 8. Dressed and painted back of propeller. 9. Repositioned intercylinder baffle between cylinders 2/4, 1/3 and 3/5. 10. Removed and cleaned air/oil separator and reinstalled. 11. Removed exhaust clamps. Inspected, cleaned and reinstalled with new hardware. 12. Secured P-leads and fuel flow wiring with (2) new adel clamps P/N MS21919WDG-8. 13. Retorqued and safetied cylinder #3 EGT probe. 14. Removed propeller and propeller bulkhead. Repaired propeller bulkhead as needed. Replaced hardware with new. Reinstalled propeller and bulkhead. 15. Resecured oil pressure line. 16. Removed fuel strainer, cleaned, inspected and reinstalled. 17. Installed missing screws in muffler shrouds as needed.				1: 74	#2:	74	#3:	74	#4:	1000		_	
 Performed compression check on engine with the following results: #1-74/80, #2-74/80, #3-74/80, #4-70/80, #5-72/80, #6-Drained oil and removed filter to cut open and inspect for discrepancies - none found. Installed new filter P/N CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 Qts of 15W50 Aeroshell oil. Ran up engine and leak checked - none for this time. Retorqued all induction, exhaust and rocker box cover hardware. Removed, cleaned, inspected and reinstalled fuel servo inlet screen with new gasket. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets P/N M674. Cleaned all ignition leads with solvent. Dressed and painted back of propeller. Repositioned intercylinder baffle between cylinders 2/4, 1/3 and 3/5. Removed exhaust clamps. Inspected, cleaned and reinstalled with new hardware. Secured P-leads and fuel flow wiring with (2) new adel clamps P/N MS21919WDG-8. Retorqued and safetied cylinder #3 EGT probe. Removed propeller and propeller bulkhead. Repaired propeller bulkhead as needed. Replaced hardware with new. Reinstalled propeller and bulkhead. Resecured oil pressure line. Removed fuel strainer, cleaned, inspected and reinstalled. Installed missing screws in muffler shrouds as needed. 	ngine SMO	H: 175.	63				1 1 1 1 1	- 10 - 1		Airfi	ame Sei	Tal #:	2105//51
17. Installed missing screws in muffler shrouds as needed.	2. Drain sampl this til 3. Retor 4. Remo 5. Remo 6. Remo 7. Clean 8. Dress 9. Repor 10. Remo 11. Remo 12. Secur 13. Retor 14. Remo propel 15. Resec	ned oil and le was take me. rqued all in oved, clean oved all spa ned all igni sed and pai sitioned in oved and cl oved exhau red P-leads rqued and se oved prope ller and bu cured oil pi	remove on for an aduction ned, insp ned, and ark plug tion lead inted back tercylind leaned a sist clamp and file safetied eller and lkhead.	d filter to cultivate and sected and re- reinstalled figs. Cleaned, ds with solve ck of propell der baffle beauty of the sected flow wirin cylinder #3 propeller builine.	t open and iced engir d rocker b installed to uel injector inspected ent. er. tween cyl tor and re- do, cleaned g with (2) EGT prob- ilkhead. I	d inspect fine with 11 pox cover I fuel servo ors and no I, set gaps, linders 2/4 installed. I and reins I) new adel be. Repaired p	Ots of 15 mardware, inlet scree inlet scree izzles, tested and b, 1/3 and 3 stalled with clamps Paropeller b	n with reinsta	none f croshell new ga illed wi ardwar 1919W	ound. In I oil. Rar sket. ith new g	stalled ne n up engin	w filter e and le	P/N CH48108-1. Oil ak checked - none found a
				s in muffler	shrouds a	s needed.							
		-											
	N. Committee										N COL		

Date	Total	Time	Time Last O	Since verhaul	Engine	Sei	rvice	and	d Mainte	enance Record
	Hrs.	Min.	Hrs.	Min.	Modifications,	Inspe	ections,	Airwor	thiness Direct	tives, Special Inspection
19. Remo 20. Repai 21. Remo 22. Wash 23. C/W This aircraft tested and/details are of	oved and re ired air box oved and re led and cle. Airworthin it was insper or leak-che on file at the at this Engiand WAS	placed alt at alt air of eplaced altraned enginess Direct ENI ected and/ocked as ne his agency one has bee DETERM	ernator belt tie. ive research or repaired cessary. Th under work cessary END- in inspected iNED TO E	on hose with doubles with new he to 2011/2 in accordant is aircraft to order no.	and solid rivets. P/N S1597-1-30.8. biweekly issuance are with the manuf	facturer form to as been al	service w provide	oth resny	act to the most ou	ems interrupted have been erformed. Pertinent
						420	tel: 9	78-342	2-8700 twin	city98@verizon.net
Date: 12/3/		Hobbs:			ich: 3675.16	_		N74		gine Annual
Compression Engine SMC			: 72	#2:	76 #3:	73	#4:	74	#5: 74 rame Serial #:	#6: 74 21057751
6. Rer 7. Cle 8. Dre 9. Rer 10. Ad 11. Cle 12. Wa 13. C/ Thi bee	moved and paned all ig assed and paned alter aned and asshed and asshed and asshed artinent deta artinent deta artinent deta artinent as aircraft van tested artinent deta artinent deta artinent deta artinent assignation and artinent deta ar	cleaned a nition lead painted bad I strainer, mator belt retorqued cleaned en hiness Dir was inspec- was inspec- dils are on this Engine Y CONDI	ir/oil separa Is with solv ick of propel cleaned, instension as oil cooler. gine. eetive reseated and/or in checked as file at this as it has been in	ator and reivent. ller. spected and required. Run up and arch to 201 nd	d reinstalled. d rechecked with rechecked with rechecked with recordance with the accordance with the recordance with recordance with recordance with recordance with	uance.	nufacture d for retu and a cop nual Insp	r's main irn to ser y has be section a	tenance manuals rvice with respec en provided to the nd WAS DETER	. All systems interrupted have to the work performed.
Associate Tacoma Nar Gig Harbor	TOWS AIR	port 35 (essna 2	N49	00/13 951X /N 21058255		Engine W	0# 48	Entry 77	
		inspecte	d and repl	aced P/N erformed	e 3720.0 CH48108-1. Serv d above has been is satisfactory fo	repair or retui	ired and	inspect	5W50	

Date	Total	Time	1000000	Since Overhaul	Engine	e S	ervi	ce a	and Iviali	ntenance Rec	ctions
	Hrs.	Min.	Hrs.	Min.	Installations Modification	s, Ins ns an	pection d Serv	is, Air	ulletins	rectives, Special Inspec	-55110,
Descript Converd											CONTRACT OF
Brought Forward	an or differen	Inc	(KETT)	Fitchburg	g, MA 0142	o te	1: 978	-342	-8700 Twind	ity98@verizon.net ine Repairs	
win City Airt	Hobi	be.	1111	Tach:	3774.18		4.5				I COLONIA
Date: 7/11/13			#2.		#3:	#	4:		#5:	#6:	
ompression Test ngine SMOH:							1	irfra	me Serial #:	21057751	the state of the s
Drained oil a sample was t found at this Drilled old la	nd remove aken for a time. tch on oil	door. In:	Serviced en	and inspect gine with I latch P/N S	for contaminant I Qts of 15W50	Aeros neck go	ood.	intenar	nce manuals Al	N CH48108-1. Oil ecked for leaks - none systems interrupted have he work performed.	
been tested ar Pertinent deta Mark Maljani	nd/or leak ils are on an A&P 3	checked file at thi	as necessars agency un	lule	rderno. 6162 a	nd a co	py has	peen pr	ovided to the ow	city98@verizon.net	
Date: 11/3/14	Hob		3 150	Tach:	3778.85	N	9451	X	Ei	igine Annuai	
Compression Test	X/80	#1:	74 #	2: 73	#3: 7	72	#4:	73	#5: 76	#6: 73	
Engine SMOH: 3	353.48	- lural		Causty)		-		Airfi	ame Serial #:	21057751	
and reinstal 4. Removed, 5. Retorqued 6. Removed a 7. Removed a 8. Cleaned all 9. Dressed pr 10. Adjusted al 11. Boroscoped leaking at ir 12. Lubricated 13. Removed a 14. Disassemb 15. Trimmed h	led with no cleaned ar all induction of replace and cleaned ignition lopeller blatternator but ternator but devlinder take valve plug on condition of replaced led mixture eat muff to	ew gaskend reinstation, exhaulted spark dair/oil deads with ades. San belt tension #5. No ee comp 7 ylinder the control of alt air of all air of air of all air of ai	et P/N 6499 illed fuel in ust and roc plugs with separator and solvent. Inded and pro- on as required defects not 16/80. 3 and lead, e air filter et belleranks intake scat	Name of the second of the seco	er hardware. N RHB32E. dd. ace of prop blad and safetied be or exhaust value at with heat gun new P/N BA2 d and found ok ind reinstalled h	des. polt, ve. Re in and 305. for services.	emoved freed B-	rocker nut.		ed intake valve no longer	
hardware. 18. Removed at 500in lb: 19. Fabricated made.	and replaces. Replace	ced fwd e ed lock t aust hang	engine shoo	k mounts w w P/N MC0 luminum ex	vith new P/N J- 0851559-1. trusion. Install	-6545-	l and su	pport s using	spring P/N 1250	25-2. Torqued bolts to spec N3-5A. Part is no longer	

City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 twincity988verizon.net 15/24/16 Hobbs: Tach: 3780.99 N 9451X Engine Annual 16/25/24/16 Hobbs: Tach: 3780.99 N 9451X Engine Annual 17/25/26/26/26/26/26/26/26/26/26/26/26/26/26/	Date Total Time Time Since Last Overhaul				thaul	Engine Service and Maintenance Record							
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residon Text X/80 11: 78 12: 72 13: 73 14: 78 15: 78 16: 72 Residon: Stock 12: 78 13: 73 14: 78 15: 78 16: 72 Performed compression check on engine with the following results: \$1.78.09, \$2.77.20, \$3.78.00, \$4.78.00, \$5.78.00, \$6.77.700, sample was taken for analysis. Serviced engine with 11 Qts of 15.W50 Acroshell oil. Ran up engine and least checked - none found at this time. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets. Removed all fuel injectors. Cleaned and reinstalled. Removed all fuel injectors. Cleaned and reinstalled. Removed and cleaned, inspected set gaps, tested and reinstalled with new gaskets. Removed and cleaned involved present and reinstalled. Removed and cleaned, inspected and reinstalled. Removed and cleaned, inspected and reinstalled. Removed and cleaned involved and reinstalled. Removed and relaned insperator and reinstalled. Removed aparticle back of propeller. On Adjusted alternator bett tension as required. In Removed, calamed, inspected propeller. On Adjusted alternator bett tension as required. This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or lead, checked as necessary. This aircraft is approved for return to service with respect to the work performed. Performed very continuous properations and the properation of the pro	5/24/16	Hobb	ZIIC (F	7	nourg, r	700 00	20 tel:	978-342	2-8700 twinc.	ity988verizon.net			
med the following annual inspection utilizing the manufacturer's annual inspection guide: Performed compression check on engine with the following results: \$1 - 780, \$2 - 7280, \$3 - 7380, \$4 - 7890, \$5 - 7890, \$6 - 7290. Drained oil and removed filter to cut open and inspect for outnaminants - 7880, \$2 - 7280, \$3 - 7380, \$4 - 7890, \$5 - 7890, \$6 - 7290. Sample was taken for analysis. Serviced engine with 11 Qts of 15W30 Aeroshell oil. Ran up engine and leak checked - none found at this time. Removed all induction, exhaust and rocker box cover hardware as required. Removed, cleaned, inspected and reinstalled leil els trainers screen with new gaskets. Removed and cleaned dirrottle body screen and reinstalled leil els trainers screen with new gaskets. Removed and cleaned dirrottle body screen and reinstalled leil els trainers screen with new gaskets. Removed and cleaned throttle body screen and reinstalled leil els trainers screen with new gaskets. Removed and cleaned throttle body screen and reinstalled leil strainers screen with new gaskets. Removed and cleaned throttle body screen and reinstalled leil strainers screen with new gaskets. Removed and cleaned throttle body screen and reinstalled leil strainers screen with new gaskets. Removed and cleaned throttle body screen and reinstalled leil strainers recommended and a reinstalled leil strainers recommended and reinstalled leil strainers recommended and reinstalled leil strainers recommended throttle body screen and reinstalled. Removed and releaned engine. 2. Washed and cleaned engine. 3. CWAirworthiness Directive research to 2016/10 biweekly issuance. This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or teak checked as necessary. This aircraft is approved for return to service with respect to the work propender. I certify that this Engine has been inspected in accordance with a namual inspection and WAS DETERMINED TO BE IN Make: Continental Southern Cal	ON THE STATE OF				-					ine Annual			
Performed compression check on engine with the following results: #1-78/80, #2-72/80, #3-73/80, #4-78/80, #5-78/80, #5-78/80, #6-72/80 Drained oil and removed filter to cut open and inspect for contaminants - none found. Installed new filter PN CH48108-1. Oil sample was taken for analysis. Serviced engine with 11 (% of 13%) Acroslend loil. Ran up engine and leak checked - none found at this time. Removed all spark plugs. Cleaned, inspected, set gaps, tested and reinstalled with new gaskets. Removed all induction, exhaust and rocker box cover hardware as required. Removed all induction, exhaust and rocker box cover hardware as required. Removed all filter linguistors. Cleaned and reinstalled. Removed all giantion leads with solvent. Cleaned all giantion leads with solvent. Dressed and painted back of propeller. Adjusted alternator belt tension as required. Removed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and cleaned engine air filter with new PN BA2305. Washed and this Engine has been inspected in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 7555 and a copy has been provided to the owner/operator. Lortify that this Engine has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Mark Maljanian A&P 33345223 IA Reg: N9451X Make: Continental Issue Procedure and determined airworthy this date. "D" of Part 43 procedure and determined airworthy this date. "D" of Part 43 procedure and determined airworthy this date. "D"			7.5	172.	14	#33	3 #4	1000					
Performed compression check on engine with the following results: #1-78/80, #2-72/80, #3-73/80, #4-78/80, #5-72/80,	mad the fallowi			- em 1 - e		VI 6			ите Seriai #:	21057751			
Reg: N9451X ENGINE LOG Date: 10-01-2017 Make: Continental Southern Cal Aircraft Tach: 3805.98 Model: I0470-E18 1880 Joe Crosson Drive TSMOH: 380.61 Model: No. 088783 El Cajon, Ca. 92020 Hobbs: None 619-448-5010 I certify that this Engine has been inspected in accordance with 100 Hr/Annual Inspection IAW Appendix "D"of Part 43 procedure and determined airworthy this date. Oil changed & filter (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, gapped 8 Oil changed & filter (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, inspected all the fuel injecto Installed over flow case drain line on engine driven fuel pump. Removed, cleaned, inspected all the fuel injecto Installed over flow case drain line on engine driven fuel pump. Removed, cleaned, inspected all the fuel injecto Installed over flow case drain line on engine driven fuel pump. Removed, cleaned, inspected all the fuel injecto Installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging	this time. Removed Retorqued Removed Lister Removed Lister Removed Removed Lister Removed List	all spark plu all induction all fuel injection cleaned, inswith new grand cleaned all ignition lead painted by alternator both and replace and replace worthiness E aft was inspection and and/or lead details are on that this Engi	ugs. Clear on, exhaus octors. Cle ispected ar asket P/N d air/oil se eads with s back of pro- elt tension ed engine a engine. Directive re- ected and/ ik checked on file at the	ned, inspecte st and rocker caned and reinstalled 649983. Sal parator and r solvent. opeller. as required. air filter with esearch to 20 for repaired it as necessary its agency units and rocker and resolvent.	d, set gaps, box cover hastalled. fuel straine fetied. einstalled. new P/N B 16/10 biwe ——End naccordance. This aircider work or	tested and hardware as er screen w A2305. ekly issuar the with the raft is apprinter no. 75	reinstalled required. ith new gases. manufacturoved for responder respondence.	with new g skets. Rem rer's mainti- turn to serv- ppy has bee	oved and cleaned enance manuals. vice with respect to provided to the	All systems interrupted have othe work performed.			
Ser. No. 088783 El Cajon, Ca. 92020 619 448-5010 I certify that this Engine has been inspected in accordance with 100 Hr./Annual Inspection IAW Appendix "D" of Part 43 procedure and determined airworthy this date. "D" of Part 43 procedure and determined airworthy this date. Oil changed & filter (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, gapped 8 tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter	Make:	Coi	ntinen			thern	Cal A	rcraft		Tach: 3805.9	8		
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Date: 03-01-2020 ENGINE LOG N9451X Reg: Tach: 3805.98 Southern Cal Aircraft Continental Make: TSMOH: 407.89 1880 Joe Crosson Drive 10470-E18 Model: Hobbs: None El Cajon, Ca. 92020 Brot Ser. No. 088783 619-448-5010 I certify that this Engine has been inspected in accordance with 100 Hr. / Annual Inspection IAW Appendix

"D" of Part 43 procedure and determined airworthy this date.

Oil changed & filter (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, gapped & tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). Removed, cleaned, inspected all the fuel injector nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag check good. Engine was serviced wit AeroShell 15/50, engine was solvent washed and run for leaks, none noted. Compression Test: 1) 72/80 2) 74/80 3) 72/80 4) 76/80 5) 76/80 6) 72/80 Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time. Edward Q Hazlewood A&P 1655569 Date: 03-01-2020 Insp. Auth.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Recordinate Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins					
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections,					
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Reg: N9451X ENGINE LOG 03-01-2020 Date: Make: Southern Cal Aircraft Continental Tach: 3805.98 Model: 10470-E18 1880 Joe Crosson Drive TSMOH: 407.89 Brou Ser. No. 088783 El Cajon, Ca. 92020 Hobbs: None 619-448-5010 I certify that this Engine has been inspected in accordance with 100 Hr. / Annual Inspection IAW Appendix "D" of Part 43 procedure and determined airworthy this date. Oil changed & filter (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, gapped & tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). Removed, cleaned, inspected all the fuel injector nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag check good. Engine was serviced wit AeroShell 15/50, engine was solvent washed and run for leaks, none noted. Compression Test: 1) 72/80 2) 74/80 3) 72/80 4) 76/80 5) 76/80 6) 72/80 Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time. **Edward Q Hazlewood** A&P 1655569 Insp. Auth. Date: 03-01-2020 Reg: N9451X ENGINE LOG Date: 06-01-2023 Make: Continental Southern Cal Aircraft Tach: 3805.98 Model: 10470-E18 1880 Joe Crosson Drive TSMOH: 442.37 Ser. No. 088783 El Cajon, Ca. 92020 619-448-5010 I certify that this Engine has been inspected in accordance with 100 Hr. / Annual Inspection IAW Appendix "D" of Part 43 procedure and determined airworthy this date. Oil & oil filter changed. (CH38108-1) old oil filter was cut open for inspection, no metal noted. Cleaned, gapped & tested all spark plugs and installed with new copper gaskets (MS17840-1). Replaced engine air filter (BA2305). Removed, cleaned, inspected all the fuel injector nozzles, installed IAW TCM Ovhl. Manual and torqued same. Ran engine charging system was good and mag check good. Engine was serviced wit AeroShell 15/50, engine was solvent washed and run for leaks, none noted. Compression Test: 1) 12/80 2) 72/80 3) 70/80 4) 71/80 5) 74/80 6) 70/80 Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time. **Edward Q Hazlewood** A&P 1655569 Insp. Auth. Date: 06-01-2023

Memoranda

Date	
Parl Control	
N = ENAME	
W. S. Landson	

TELEDYNE CONTINENT TORS

THE OIL PRESSURE ON THIS ENGINE WAS ADJUSTED DURING THE ENGILIE ACCEPTANCE TEST AT THE FACTORY. ON Y MINOR ADJUSTMENTS MAY BE NECESSARY TO ASSURE THE PROPER INDICATION ON THE COCKPIT GAUGE.

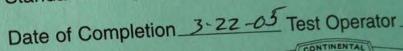
ation

has satisfactorily standard engine

FACTORY SETTINGS:

RPM 2448 OIL TEMP 201 OIL PRESSURE 44.0 OIL PRESSURE PICK UP POINT: MAIN OIL GALLERY BETWEEN #2 AND #4 CYLINDERS

Standard Acceptance Test:





Form No 98344

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

	110
Hidden Damage Inspect. (if applicable)	- PKC
Repair Overhaul _PKC Exchange _PKC Test_	PKC
Run In (if required)	120
Final Test / Inspection	- PKC
Maintenance Release Issue	
Inspector's Signature Mite Ithicks	
Notes & Parts List	
PESCO 3131945	
	Ship Via
	Freight
	Labor
	Parts
	Total

Revised 2/4/05

	-	Marie Control		H W		3. Form Ti	racking Number:	
Approving National Aviation Authority/Country:	² AU	THORIZED REI	CEASE CE	RTIF	CATE	QAA#	26375	PAST
FAA/United States 4. Organization Name and Address	s: Quality	Aircraft Accessories Inc. (QYIR3 Apache, Bldg, A	(34Y) Phone: 1-8/	77-833-6948 18-835-6948 18-835-2804		INV#	30817	RAFT
and the second	Tulsa, (OK 74115 8. Part/Number	9. Eligibility*	10. Qty	11. Serial/Batch		OVERHAUL	INC.
1 VACUUM PUM	IP	3P194F	(VARIOUS)	/	33015	1	EXCHANGE)	1146.
13. Remarks:								
							Dra	
See Attached Work Order Summ	ary for deta	ails. (2) pages	- 119 M14 CFR 4	3.9 Return to	Service 🗆 Ott	ner regulat	(MECH: FKC)	PO#
14 Certifies the items identified	above were	ondition for safe open non	Certifies th	hat unless	nerwise specified	In Block 1	3, the work identified in hed in accordance with in respect to that work,	WO# <u>26375</u>
Approved design data an	ta specified			de of Feder	roved for return to	service.	proval/Certificate No.:	e 3-16-05
15. Authorized Signature:	X	Approval/Authorization No.:	22. Name (Type	N	10	23. Da	QYIR334Y te (m/d/y):	
17. Name (Tened or Printed):	A VI	18. Date (m/d/y):	16	- V	11000	ibility with	3-16-05 n applicable technical data.	5
FAA Form 8130-3 (9-03)	F			Installer flu				Mechanic Initial
			KALISTER S					PKC
I	Prelim	inary Inspection						PKC
	Disass	embly						
					100			PKC
	Clean			1				PKC
	nspec	t		Marine.				PKC
I	Hidder	n Damage Inspect	. (if applica	ible)_			To the same	Test PRC
	Repair	Ove	erhaul _ ?	KC	Excha	nge _	PKC I	CSC
		(if required)			1			PKC
								PKC
1	Final 7	Test / Inspection _						
	Mainte	enance Release Is	sue					
V		ctor's Signature	mt	2/8	icles			
	inspec	tor's Signature			1,525,4			
	Inspec	etion Notes & Par	ts List			JA	N1957	
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								Freight
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	-							Parts

Total

TELEDYNE CONTINENTAL MOTORS

THE OIL PRESSURE ON THIS ENGINE WAS ADJUSTED DURING THE ENGINE ACCEPTANCE TEST AT THE FACTORY. ONLY MINOR ADJUSTMENTS MAY BE NECESSARY TO ASSURE THE PROPER INDICATION ON THE COCKPIT GAUGE.

FACTORY SETTINGS:

RPM 2448 OIL TEMP 201 OIL PRESSURE 46.0 OIL PRESSURE PICK UP POINT: MAIN OIL GALLERY BETWEEN #2 AND #4 CYLINDERS

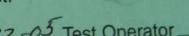
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has satisfactorily

standard engine

Standard Acceptance Test:

Form No 98344



Date of Completion 3-22-05 Test Operator



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company



QUALITY AIRCRAFT ACCESSORIES, INC.

FAA Approved Repair Station # QYIR334Y Component Repair Traveler

Customer Name TWIN CITY HIR MOTI	ve	PO#
Unit Name VACUUM PUMI?		wo# <u>26375</u>
Mfg. Name /ESCO	Date _	3-16-05
lviig. Ivanio	Serial No330/5	
Part No. 37194F	Serial No	
		Mechanic Initial
		PKC_
Preliminary Inspection		PKC
Disassembly		PKC
Clean		PKC
Inspect		PKC
Hidden Damage Inspect. (if applicable)		PKC
Kepan		PKC
Run In (if required)		PKC
Final Test / Inspection		
Maintenance Release Issue		
Inspector's Signature Mike JH	icles	
Inspection Notes & Parts List	JAN1957	
1250 3171945		
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		reight
		reight
		abor
	A I	Parts
		Cotal

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model

R-10470 E18B

Engine Serial Number

088783

Testing Completed

Standard Acceptance Test:

Date of Completion 3-22-05 Test Operator

CONTINENTAL

Form No 98344

Teledyne Continental Motors, Inc.



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Member Of GAMA **General Aviation Manufacturing Association**

FORM No. ELB-01 © 2002 TELEDYNE TECHNOLOGIES INCORPORATED **MODEL IO-470 SERIES**

CONTINENTAL® AIRCRAFT ENGINE

OPERATORS MANUAL



CONTINENTAL MOTORS

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FORM X30024

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FAA APPROVED
REVISED JUNE 1973
REFORMATTED SEPTEMBER 1998

Teledyne Continental Motors, Inc. A Teledyne Technologies Company

Engine Component Information Sheet

03/23/2005

Serial:

088783

Spec:

I0470E18B

New/Rebuilt: (REBUILT)

Assembled: 03/21/2005

Shipped:

Packed:

03/23/2005

Customer Name:

AIR POWER, INC

Shipping Address:

Component	Serial Number					
CAMSHAFT	Z05AA467					
CRANKSHAFT	N04IA167					
CRANKCASE	R04EB325					
CONNROD	AE04LB003					
CONNROD	AE04LA977					
CONNROD	AE04LB005					
CONNROD	AE04LB047					
CONNROD	AE04LB008					
CONNROD	AE04LB002					
L MAGNETO	E05BA097R					
R MAGNETO	E05BA127R					
FUEL PUMP	B05CA070R					
MANIFOLD VALVE	C05CA054R					
NOZZLE SIZE	12C					
METERING UNIT	A05CA052R					
STARTER	04 295 0078					

Component	Serial Number
OIL COOLER	L04-2150-252
CYLINDER-1	AC04IB723
CYLINDER - 2	AC04IA853
CYLINDER - 3	AC04IC196
CYLINDER - 4	AC04IA849
CYLINDER - 5	AC04HA883
CYLINDER - 6	AC04IC246

Pack Inspection Stamp _ All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

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