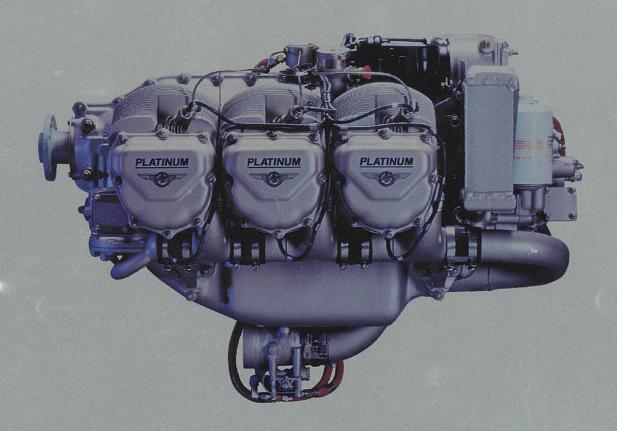
PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors Inc.

A Teledyne Technologies Company

Printed: 12/04/2004

This engine model TS10550C7

, Serial No. 914305 was manufactured on 12/03/2004

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		I Time Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	
7-08-04	0	0	0	0		
					THE LANCAIR COMPANY	
				-		
					THE LANCAIR COMPANY	
					CALLETTIS WILLIAM	
					This engine S/N 914305 installed in N4455	
					LC41-550FG S/N 41048	
					Trancie Mills	
		, , , , , , , , , , , , , , , , , , ,			For The Lancair Company	
					CAZMA	
					AERO CONTRACTOR REPORT OF THE PROPERTY AND AND	
					N4455 Hobbs: 30.7 Date: 03-29-2005 W.O. 9314 Engine log	
					Changed oil with 8 Qts Exxon 20W/50 and one CH48108-1 oil filter. Oil filter cut open for inspection, nothing abnormal noted.	
					Ground run ops check normal.	
					I certify this Engine is returned to service with respect to the work Performed stated above.	
					(Let) Sylve AEP 3041078	
1						
			,		CARMA	
					N4455 Hobbs: 60.1 Date: 07-25-2005 W.O. 9364 Engine log	
					Changed oil with 8 Qts Exxon 20W/50 and one CH48108-1 oil filter.	
					 Oil filter cut open for inspection, nothing abnormal noted. 	
					Ground run ops check normal. I certify this Engine is returned to service with respect to the work	
			2		Performed stated above.	
					(Jatur) 4 3041078	

Date	Total Tir	1 Lact Overnall L		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,		
	Hrs. N	/lin. Hrs.	Min.	Modifications and Service Bulletins		
Brought Forward				N4455 Hobbs: 81.5 Date: 01-05-2006 W.O.9440 Engine Log 1. Complied with an Annual Inspection in accordance with Columbia		
				And Continental service manuals and FAR part 43. 2. Compressions as follows: 1)74 2)72 3)70 4)76 5)74 6)62. 3. Changed oil with 8 Qts Exxon 20W/50 and one CH48108-1 Oil filter. Oil analysis taken at this time. 4. Checked magneto to engine timing. 5. Replaced induction air filter with new. 6. Clean, gap, and test all spark plugs.		
				I certify this Engine was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. AP3041078TA		
				N4455 Hobbs: 151.7 Date: 10-13-2006 W.O. 9561 Engine log 2. Changed oil with 8 Qts Exxon 20W/50 and one CH48108-1 oil filter. 3. Oil filter cut open for inspection, nothing abnormal noted. 4. Ground run ops check normal. I certify this Engine is returned to service with respect to the work Performed stated above.		
				N4455 Hobbs: 161.5 Date: 02-14-2007 W.O. 9608 Engine Log		
		7		1. Complied with an Annual inspection in accordance with Columbia and TCM service manuals and Far part 43. 2. Compressions as follows: 1)74 2)76 3)70 4)76 5)73 6)74. 3. Changed oil with 7 Qts Exxon 20W/50 and one CH48108-1 oil filter. 4. Oil analysis taken at this time. Oil filter cut open for inspection. 5. Clean, gap, and test all spark plugs. 6. Check magneto to engine timing. Ultrasonic cleaned all fuel injectors. 8. Replaced induction air filter with new.		
				I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.		

Date	Tota	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		-			meaning and convice building		
	-						
					CARMA		
					Cilambia Authorizad Brugar and Martemania Associates		
					N4455 Hobbs: 235.8 Date: 03-01-2009 W.O. 9773 Engine Log		
					Complied with an Annual inspection in accordance with Cessna and TCM		
					service manuals and FAR part 43. 2. Compressions as follows: 1)70 2)72 3)70 4)70 5)76 6)70.		
-					3. Changed oil with 7 qts Exxon 20W/50 oil and one CH48108-1 oil filter. Oil filter cut open for inspection. Oil analysis taken at this time.		
					Clean, gap, and test all spark plugs. Installed with new copper gaskets. Ultrasonic clean all fuel injectors.		
					Replaced induction air filter with new. Replaced magneto filter with new.		
					I certify this Engine has been inspected in accordance with an Annual		
					Inspection and was determined to be in airworthy condition.		
					LEP30410785A		
					G 0-10 M		
					CAZMA		
					CGAERO CANTA CALIFORNIA CONTRACTOR CALIFORNIA CALIFORNI		
					N4455 Hobbs: 274.7 Date: 05/08/2010 W.O. 9859 Engine Log		
					Complied with an Annual inspection in accordance with Cessna and TCM		
					service manuals and FAR part 43. 2. Compressions as follows: 1.70 2.70 3.70 4.68 5.76 6.68.		
					Changed oil with 7 qts Exxon 20W/50 oil and one CH48108-1 oil filter. Oil analysis taken at this time. Oil filter cut open for inspection.		
					Replaced induction air filter with new. Replaced magneto filter with new.		
					Cleaned, gapped, and tested all spark plugs. Replaced 3 spark plugs.		
		-			8. Checked magneto to engine timing. I certify this Engine has been inspected in accordance with an Annual		
					Inspection and was determined to be in airworthy condition.		
					tity 50410782A		
		2					
		-					
	-						
					2008 Entry		

Date	Total Time		Last Overhaul		Engine Service and Maintenance Record	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	
Brought Forward	—					
					CASMA	
					CIALIZA ALVONIA RIGIE POR METERIORA ALGORITA	
					N4455 Hobbs: 316.3 Date: 07/08/2011 W.O. 9950 Engine Log	
					Complied with an Annual inspection in accordance with Cessna and TCM	
					service manuals and FAR part 43. 2. Compressions as follows: 1.64 2.66 3.65 4.65 5.76 6.64.	
			-		Changed oil with 7 qts Exxon 20W/50 oil and one CH48108-1 oil filter. Oil analysis taken at this time. Oil filter cut open for inspection.	
					4. Replaced induction air filter with new.	
					Replaced magneto filter with new.	
					Cleaned, gapped, and tested all spark plugs. Checked magneto to engine timing.	
					I certify this Engine has been inspected in accordance with an Annual	
	-	-			Inspection and was determined to be in airworthy condition.	
					DEP30410781A	
					Carolom	
201						
	-				*	
		<u> </u>			CARMA CARMA	
		>	7		Samuel Control of the	
		1			N4455 Hobbs: 207.9 Date: 04/04/2008 W.O. 9715 Engine Log	
		15			Complied with an Annual inspection in accordance with Cessna and TCM	
	-	~		<u> </u>	service manuals and FAR part 43.	
		8			Compressions as follows: 1.72 2.74 3.70 4.72 5.710 6.71. Remove and reinstall No. 5 cylinder after repair by Ly-Con.	
		20			4. Changed oil with 7 gts Exxon 20W/50 type M oil and one CH48108-1 oil	
		10			filter. Oil analysis taken at this time. Oil filter cut open for inspection. 5. Replaced induction air filter with new.	
					Replaced magneto filter with new.	
	-	-		<u> </u>	Cleaned, gapped, and tested all spark plugs. Checked magneto to engine timing.	
					I certify this Engine has been inspected in accordance with an Annual	
					Inspection and was determined to be in airworthy condition.	
					Catalon Ac 2040 1854	
	1	1				
	 	 				
	 					
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	-		-	+		

Date	Total Tir	1000000	Time Since Last Overhaul		Engine Service and Maintenance Record	
	Hrs. N	/lin.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections,	
Brought Forward		•				
20 300 30 300 300						
					CAZALA	
					CHINA AND PAR	
					N4455 Hobbs: 316.3 Date: 11/11/2015 W.O. 10241 Engine Log	
				-	Complied with an Annual inspection in accordance with Cessna and TCM	
					service manuals and FAR part 43. 2. Compressions as follows: 1.68 2.64 3.66 4.64 5.73 6.64.	
					3. Changed oil with 7 qts Phillips 20W/50 oil and one CH48108-1 oil filter	
					Oil analysis taken at this time. Oil filter cut open for inspection. 4. Replaced all lifters with new.	
					Replaced TIT probes with new. Replaced No.3 EGT probe with new.	
					7. Replaced induction air filter with new.	
					Replaced magneto filter with new. Cleaned, gapped, and tested all spark plugs.	
					 Checked magneto to engine timing. 	
					I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.	
		-			Coty of the AEP 3041078IA	
		_			Cool (Actor) in the cool	
					CAZMA	
					COMPANIENCE OF THE PROPERTY OF	
		_			N4455 Hobbs: 386.1 Date: 12/12/2016 W.O. 10350 Engine Log	
					Complied with an Annual inspection in accordance with Cessna and TCM	
					service manuals and FAR part 43. 2. Compressions as follows: 1.55 2.61 3.64 4.60 5.76 6.60.	
					3. Changed oil with 7 qts Phillips 20W/50 oil and one CH48108-1 oil filter.	
					Oil analysis taken at this time. Oil filter cut open for inspection. 4. C/W AD 2016-21-04, Oil cooler cross fitting replacement, P/N's	
					658607 and AN915-1J. 5. Replaced induction air filter with new.	
					Replaced magneto filter with new.	
					 Cleaned, gapped, and tested all spark plugs. Replaced one SP with new. Checked magneto to engine timing. 	
					I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.	
					As 3040 7000	
					Completion and and to the	
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Date	Total	Time	0.000,000,000,000,000	Since verhaul	Engine Service and Maintenan Installations, Inspections, Airworthiness Directives, Sp
	Hrs.	Min.	Hrs.	Min.	Installations, inspections, All worthiness bliectives, or
Brought Forward		-			
					3
					CGAERO CARM
					N4455 Hobbs: 448.2 Date: 01/02/2018 W.O. 10441 Engi-
	-				1. Complied with an Annual inspection in accordance with
					service manuals and FAR part 43.
					 Compressions as follows: 1.55 2.55 3.64 4.55 5.76 6. Changed oil with 7 qts Phillips 20W/50 oil and one CH4
	-			-	Oil analysis taken at this time. Oil filter cut open for inst
					5. Replaced magneto filter with new.
					6. Cleaned, gapped, and tested all spark plugs.7. Checked magneto to engine timing.
-					I certify this Engine has been inspected in accordance
					Inspection and was determined to be in airworthy cor
					(Jalin AR130410185A
	-				
	-			-	
					CARN COMPANY AND THE CONTROL OF THE
	253				
					N4455 Hobbs: 496.1 Date: 02/07/2019 W.O. 10523 En
					Complied with an Annual inspection in accordance wis service manuals and FAR part 43.
	-	-			2. Compressions as follows: 1.52 2.62 3.60 4.52 5.74
		-	+		Oil analysis taken at this time. Oil filter cut open for it
				-	One 1/2 PT Camguard added.
					5 Penlaced magneto filter with new.
					6. Replaced all spark plugs with new URHB32S. 7. Checked magneto to engine timing.
					Leartify this Engine has been inspected in accordan
	1				Inspection and was determined to be in airworting
	_	1	1	+	Chly other ACP304107
	-		-	+	
		-			
			-		
					CVSW
		8			COAERO Comunicadores de Nacional
					N4455 Hobbs: 526.9 Date: 03/16/2020 W.O. 10606 Eng.
					Complied with an Annual inspection in accordance with
			-		service manuals and FAR part 43. Compressions as follows: 1.48 2.46 3.48 4.48 5.70 6
	-	+	-	-	43/80.
		-	-	-	Oil analysis taken at this time. Oil filter cut open for the
			-	-	One 1/2 PT Camguard added. Replaced induction air filter with new.
					- D. Jacob magneto filter with new.
					6. Checked magneto to engine timing, Adjust left magnet 7. Replaced starter with new, P/N C12ST5.
	\neg				I certify this Engine has been inspected in accordance

d Maintenance Record

rthiness Directives, Special Inspections,



2018 W.O. 10441 Engine Log

- spection in accordance with Cessna and TCM
- 55 2.55 3.64 4.55 5.76 6.55.
- ps 20W/50 oil and one CH48108-1 oil filter. e. Oil filter cut open for inspection.
- with new.
- new.
- all spark plugs.
- timing.

inspected in accordance with an Annual ed to be in airworthy condition.





7/2019 W.O. 10523 Engine Log

- inspection in accordance with Cessna and TCM part 43.
- 1.52 2.62 3.60 4.52 5.74 6.52.
- illips 20W/50 oil and one CH48108-1 oil filter. ime. Oil filter cut open for inspection. led.
- er with new.
- ith new.
- vith new URHB32S.
- ne timing.

en inspected in accordance with an Annual nined to be in airworthy condition. SACP3041078IA





/2020 W.O. 10606 Engine Log

- spection in accordance with Cessna and TCM art 43.
- 48 2.46 3.48 4.48 5.70 6.50. Master orifice
- ips 20W/50 oil and one CH48108-1 oil filter. ne. Oil filter cut open for inspection. ed.
- with new.
- th new.
- timing, Adjust left magneto.
- P/N C12ST5.

n inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

							4		
	Date	Tota	al Time		Since verhaul	Engine S	Service and Ma	aintenance Recor	d
1	3	Hrs.	Min.	Hrs.	Min.	Modifications a	ispections, Airworthiness and Service Bulletins	Directives, Special Inspection	S,
4	Brought Forward								
					702 1000				
	-			E		3/2X			
			ž			AI			
	DATE			/MODEI		HOBBS	REGISTRATION	CEDIAL "	
	5/22/2020	Te		Continen	tal/	538.6	N4455	SERIAL # 914305	
	Perform fue	l setup	per Te	550-C7 ledyne (Continu	ontal mariat	ance manual M-18.	314303	
						erital maintena	nnce manual M-18.		
	John Fred Ha	adlich .	A&P I/A	A 36883	43:	(10m 8	-Hadlie		
			 	-		/			
	7///2000	C4-	(3)		1	0 :	1		
	1/6/2020	540.	8		(idea)	Chang	ed oil	with 70	IS
						Phillips	5 80W/3	0 oil and	
					_	10	empest AF	148108-2	
		5 0	1 /	7 -04			er cut ope	IN No Metal	
1	1 19 19 27 19	18	1 1		ald.	Of Ca	0)ed 1002	
		7 11-1	7			Change	000.	Next Oil	
	1 1 / 15					(Cu) D	Jury # 300	565.8 HRS	
	1 220 1					0		1 101	
	7-20-2020	540 .	8			REMOVED S	TARTER ALLA ST	TARTER UNIT, REPLACE	
						The second secon		642087-A70 SN: H/	
						67		SN: H-0051269.	4
								TS , TORQUED EXHAUST	r.
							ENGINE, NO DEFE		
								LYLIN A EP 3427 108	
	7-20 000					of water			
	7-30-220							pter S.N. H-406102	7
								rtzell Energizer	
					- 7			S.N. H-406102	7-
							luts, RAN Eng	ine, No Derects	
						Noted.			
			1	7 1					
		71-1							-
		· .). 1						A MA	
	-		101						

7/1/2021 Teledyne Continental TSIO-550-C S/N: 914305 Tach: 571.4 TSNEW: 571.4

Annual inspection completed this date. Spark plugs cleaned, gapped, tested and reinstalled. Timing checked ok. Exhaust system checked ok. Fuel screens checked. Removed all cylinders. Reinstalled 6ea Continental P/N: 658820A1 cylinder and valve assemblies. #1, #2, & #6 Shop Release: 494315 3/29/2021, #3 Shop Release: 495111 4/8/2021, #4 Shop Release 494312 3/29/2021. Replaced piston pin P/N: 649703 and exhaust lifter P/N: 658077 in cylinder #5. Oil and filter changed. Installed 7qts Phillips 20w50XC. Engine run-up and leak check ok. There are no currently applicable AD's due on this engine this date, see complete compliance listing in logs. I certify this engine has been inspected as per an annual inspection and was determined to be in airworthy condition. Raymond M. Thomas A&P2742360IA

Maintenance Record
ness Directives, Special Inspections

_				
				This oil was Done 9.8 Has
7-20-21	.581	.2		This oil was Done 9.8 HRS
			1.1	After 6 Brand New Cylinders
			-5-4	were installed. Changed Oil
		. =1 0		were installed. Changed 0:11 with 8 Quart's of Phillips
		J.		20 W 150 & Oil Fiter Tempest
	12.1			Canguard Next oil Change Due at 596.4. Oil filter was
		× 5.4		Cambuard Next Oil Change
254 1		735	S. 4.	Due at 596.4. Oil filter was
		(V1):		Particles which was Normal
				Particles which was Normal
				Breakin results. RAN Engine
				Break in results. RAN Engine No Leaks, Gilfewiz # 3007978 ATP
8-31-21	597	,2		Changed OIL with 7 Quants
				Phillips 20w/50 oil and Tempest
				Oil Filter AAASIOS-2. Cut open
5-6-22	610	9		Oil Filter No metal was Found
see note	5 0	PPOS	ide	ADDED 11.602 OF Can Council
page,		•		Kan Engine No Leaks
				Next oil Change Ove at 622.2
				A 8 1/2
9-11-22 Next	641	2		Oils Filter Changed, 8075
			1 1	Phillips 20W/50 oil, Tempest Oil Filter AA 48 108-2 Cut open oil Filter No. Metal Found, 11.602
0:1				Oil Filter AA 48 108-2 Cut open oil
Change	666	2		Filter No. Metal Found. 11.602
				Com Goard, RAN Engine No Leaks.

Culfaux # 3007978

5/6/2022 Teledyne Continental TSIO-550-C S/N: 914305 Tach: 610.9 TSNEW: 610.9

Annual inspection completed this date. Spark plugs cleaned, gapped, tested and reinstalled. Timing checked ok. Exhaust system checked ok. Fuel screens checked. Oil and filter changed. Installed 7qts Phillips 20w50XC. Compression test as follows, Master Orifice: 44, #1-76, #2-75, #3-77, #4-76, #5-76, #6-76 all over 80psi with .040" orifice. Engine run-up and leak check ok. There are no currently applicable AD's due on this engine this date, see complete compliance listing in logs. I certify this engine has been inspected as per an annual inspection and was determined to be in airworthy condition. Raymond M. Thomas A&P2742360IA

Maintenance Record

ness Directives, Special Inspections,

Gadar =

#3007978 ATP

05/09/2023 Teledyne Continental TSIO-550-C S/N: 914305 Tach: 658.3 TSNEW: 658.3

Annual inspection completed this date. Spark plugs cleaned, gapped, tested, and reinstalled. Timing checked ok. Exhaust system checked ok. Fuel screens checked. Oil and filter changed. Installed 7qts Phillips 20w50XC. Old filter checked no defects/debris noted. Oil sample sent to lab. Compression test as follows, Master Orifice: 45, #1-73, #2-74, #3-76, #4-71, #5-76, #6-76 all over 80psi with .040" orifice. Sealed aft plate on starter adapter. Installed new upper bolt on front belt drive alternator, tightened belt and saftied. Engine run-up and leak check ok. ADs complied with; 2023-05-16 Counterweights, see complete compliance listing in logs. I certify this engine has been inspected as per an annual inspection and was determined to be in airworthy condition. Raymond M. Thomas A&P2742360IA

12-29-23

N4455

Lancair Columbia 400

ACTT 708.3

12-29-23

Complied with the following maintenance:

- Complied with AD2023-09-09 Visual inspection. Clamps installed Par K1-K7. No cracks or visual deformation, looseness or exhaust gas leakage noted.
- Replaced #2 cylinder EGT probe due to erratic indication.

Ground operational check proved satisfactory.

Aircraft listed above and maintenance performed is in a airworthy condition.

James Walsh AP69604974IA

tom Wate

Date	Total	I Time	me 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		→			
5-2-24	400	13/50	10,3	ENT 14	+ 710.3 COMPRESSION CK # 19/80 2-1/80 5-7/80 6-7/80 CLEHN& TEST SPARK
	PLU	(5)	VO A	DS E	PUR AT THIS TIME I CERTIFY THIS
	En	16-1h	E H	195 KS	BEN INSPECTED IAW ANAMOUNT
-	In.	SPEC	+10N	ANE	Swelle APS\$83577IA
					2100 (MSI- 11/43853 (11H
					
		9-3-2	024		
		N445	5 e Air Colu	mhia 400	
		ACTT	733.5	IIIbia 400	
			T 733.5		
		Comp 1	olied with Remo	the follow wed and r	ving maintenance: eplaced fuel pump do to external oil leak.
			Remo	ved pum	P/N 649368-44A4 S/N B04JA106
			Pump	overhaul	auled Pump P/N 649368-44A4 S/N B04JA106. led by Quality Aircraft Accessories WO# W06185
			Groun	nd run and	l leak check proved satisfactory.
			certif	y that this	s engine and Aircraft are in Airworthy condition. P69604974IA
			Jan.	Was	<u></u>
		Æ.	,		
12-03-24	733	5			Chanced & OTE DHILLS 201150
	100.				Changed 8 QTS PHILIPS 20W50 & Tempost Oil Filter AA 48108-2
			1 1		ADDED 12.8 OZ OF Can Guard
					(ut open oil Filter No Metal
					was Found Ran Engine No Leaks
					was Found. Ran Engine No Leaks Next oil change 7585 HRS
			7 4		

