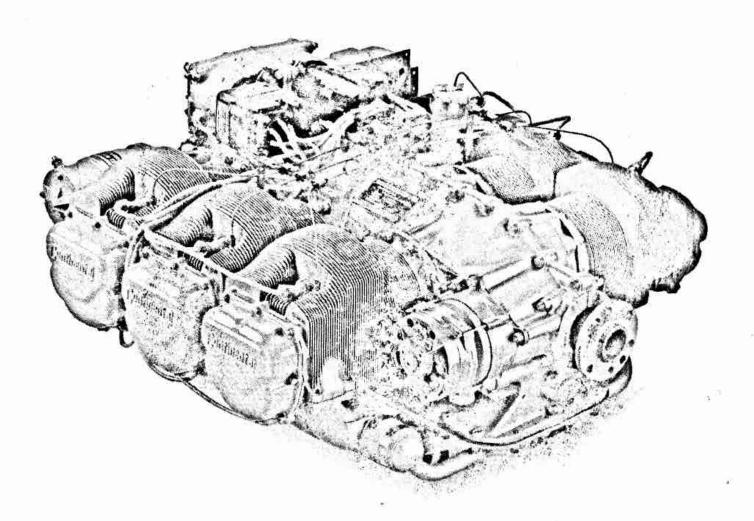
ENGINE LOG BOOK





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.



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company Printed: 06/29/2003

This engine model 10550N7

, Serial No. 687624 was manufactured on 06/29/2003

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. 548

The second secon				Since verhaul	Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
15AUG-03	205	Habba		7	Performed oil & filter change. Serviced with Phillips 20W50 mineral oil & Champion filter CH48108. Inspected filter and drain plug for contaminants none found. Run-up / leak check good. Chapter 12-20 AMM.		
					Pertinent details are on file at this Agency under W.O.#: 081503-09 Date: 15AvGo3 Signature: Downstell Cirrus Design Factory Service Center YD5R855Y, Duluth MN		
Make: Model: Serial No. Hours	Contin IO-550 687624	(N)	obs 51.7		Reg. No.: N8058C Date: 10/10/03 AIR SERVICE W/O No.: 41077 Log Book Entry Page: 1		
				Sum	nmary of work accomplished.		
Accomplishe Cut open old Ran engine, p 10/10/03	filter, no c	ontaminat	ion found	at this time			
	ion. The it ervice. Pe	om identi	fied above tails of the	with the	pplicable manufacturer's maintenance instructions and functionally checked for red and inspected in accordance with current FAA regulations and is approved on file at this agency under this work order. Henry A. Roe Inspector		
	1635 NIM	51 St Dlan			Florida 33309 Phone 954 491 3170 Fax 954 491 1612		

г

Make: (

Continental

Model:

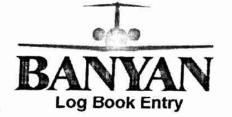
10-550-N

Serial No.

687624

Hours

Hobbs 139.9



Reg. No.: N8058C

Date: 0

04/09/04

W/O No.:

41518

Page: 1

Summary of work accomplished.

Accomplished oil and filter change new filter CH48108-1 and 8 quarts Aeroshell 15W50 oil.

Cut open old filter, no contamination found at this time.

Installed new Reiff Corp. FAA, PMA PQ258CE engine heater performed functional check.

Ran engine, performed leak check.

4/9/04

Approval for Return to Service

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are optile at this agency under this work order.

Authorized Signature:

Henry A. Roe Inspector

FAA Certificated Repair Station WD4R618M

1635 NW 51st Place Fort Lauderdale, Florida 33309

Phone 954 491 3170 Fax 954 491 1612

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,	
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
Brought Forward		-				
6-28-04	205	9			Drained oil filled with 7 quark Aeroshell	
					15W50 Removed oil filter and inspected	
					for abnormalaties - none noted. Performed engine	
					run leak check - OK after installing new CH481087	
					oil filter.	
					Affects AFP 292905171.	
8/13/04	23	3,4	-		Was Removed for repair by Continental	
					was Removed for repair by Continental	
					Motors Hobbs Time 238.4 Engine	
					Total time 238.4	
					MAINTENANCE RELEASE	
		+			above was repaired and inspected fe	
					accordance with current Federal Aviation Regulations and is approved for return to	
	i	1		j	service. Perlinent details of the repair are on file 36	
					this agency under work order:	
		+			No 11174131 Dajo 8113/04	
					Signed Marian Inc.	
					Akron Canton Regional Airport	
					Builling #17 North Capton, Ohio 44720	
					FAA Repair Sta. G25R236V	

Г

DATE: Sept. 28, 2004	ENGINE MODEL: IO-550-N7B	ENGINE S/N: 687624	ENGING T.T.: 238.4	W/O#: 7504WR42
	TELEDYNE	CONTINENTAL M	OTORS	1
2200 10 00 00	FAA REPAI	R STATION No. TLYF	R435X	
This engine has been	disassembled, inspected and re	epaired as required in	accordance with Tele	edyne Continental Moto
Overnaul Manual A302	book and applicable ICM Service	ce Bulletins Engine acc	embled in accordance	with Teledyne Continent
Motors Overhauf Mant	Idi ADUDONA and applicable IC	M Service Bulletine usi	no new gackete coale	"O" rings lock take no
connecting rod boils, co	officeting rod nuts, new connecti	ing rod bearings new m	ain hearings and thrus	t wachere new nicton nic
ring set P/N 654716.	nensionally inspected IAW TCM Installed rebuilt crankshaft P/N	649900 S/N NOACAOS	oled with new piston P	/N 654857 and new pist
overnauled by ICM A	obeville. The following parts	were replaced: Camsha	ft P/N 654084A1 S/I	N 704HA038 Lifters D
653888, 6 ea., and P/N	653877 6 as Honod number 6			TO THE TOUGHT DIRECTS I
· 프랑스 (10 mm) 아이트 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	033677, 0 ca. Holled Hulliber 3	cylinder, installed new	piston P/N 654857, we	eight code WE and nict
ring set P/N 654/16. I	engine tested in accordance with	n TCM's standard produ	ction acceptance test	eight code WE, and pist
certify that this engine	angine tested in accordance with has been inspected and repaired	n TCM's standard produ I as indicated above and	iction acceptance test I was determined to be	eight code WE, and pist
certify that this engine	engine tested in accordance with	n TCM's standard produ I as indicated above and	iction acceptance test I was determined to be	eight code WE, and pist
certify that this engine	angine tested in accordance with has been inspected and repaired	n TCM's standard produ I as indicated above and	iction acceptance test I was determined to be	eight code WE, and pist
certify that this engine the work performed. D	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	was determined to beEND	eight code WE, and pist procedure and accepted airworthy with respect
certify that this engine the work performed. D	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	iction acceptance test I was determined to be	eight code WE, and pist procedure and accepted a airworthy with respect
certify that this engine	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	was determined to beEND	eight code WE, and pist procedure and accepted airworthy with respect
certify that this engine the work performed. D	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	was determined to beEND	eight code WE, and pistoprocedure and accepted. a airworthy with respect
certify that this engine the work performed. D	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	was determined to beEND	eight code WE, and pistoprocedure and accepted. a airworthy with respect
certify that this engine the work performed. D	has been inspected and repaired tetails of work performed on file	TCM's standard production TCM's standard production as indicated above and at this repair station	was determined to beEND	eight code WE, and pistoprocedure and accepted. a airworthy with respect

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
rought Forward		->	-		Modifications and Service Bulletins
1/13/04	238	8			Reinstalled Continental To550-N SIN
				V V	6871-24 after engine repair by Continent
					due to litter spelling the engine was
					serviced with 805 100 Derochell Mineral.
					Replaced the #2 Alternasor with a new
				-+	6/ternetar P/11/3565-00/3 3/19/975.
				- /-	Replaced The diperier with gnew diperies
			-	<u> </u>	The engine was texted down, son and
					Checked for openition and looks. AD'S
					Were Checked INN Sto4-20
					7388
					TACHOMETER 233 STATE I CERTIFY THAT
					ACCORDANCE WITH AN ALL ADDICAL INSPECTION AND WAS DETER UNED TO BE IN
					AIRWORHTY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY
					UNDER WORK ORDER:
					DATE 10/13/04 SIGNED / MAGE / MAGE MA
		_			G FORGE AVIATION, INC.
					AKE CWCANTON AIRPORT NORTH CANTON OHIO 44720

ENGINE MODEL: 10550-N7 ENGINE S/N: 687624 REG. NO: N648CB WORK ORDER: 26127-05-2005



Commander Aero, Inc.

Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 Phone: 888-881-5580 DATE: 6/3/2005 A/C TSN: 277.3 ENG TT: 277.3 HOBBS: 277.3

Engine Entries

Changed oil and filter. Serviced with 8 qts Aeroshell 100 Mineral oil. Washed down engine and ran for leak check.

Maintenance Release

The aircraft and/or component(s) on N648CB was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 26127-05-2005, Dated 6/3/2005.

DATE: 6/3/2005

SIGNED:

Work Order: 26127-05-2005

Kromer, Gary Certified Repair Station No. GA5R-876M

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ENGINE MODEL 1055

ought of waru

ENGINE MODEL 10550-N7 ENGINE S/N: 687624 REG. NO: N648CB WORK ORDER 27575-07-2008



Commander Aero, Inc.

Repair Station No. GASR-876M 19570 Springboro Pike Miamisburg, Ohio 45342 USA Phone 888-881-5580 DATE 7/2/2008 WE 191 534.3 ENCTT 634.3 HODEL 534.3

Engine Entries

(2) Changed engine oil and filter. Serviced with 8 Qts Aeroshell 15W50.... (3) Took oil sample.... (4) Wesheld down engine and ran for leak check.

Maintenance Release

The aircraft and/or component(s) on N648CB was repaired and inspected in accordance with current FARs rules of the Foder of Anaton Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Worth Order No. 2757: 07.2008, Publish
7/8/2008

DATE: 7/2/2008

SIGNED:

Cheom

Morts Order: 27575-07-2008

Printed by FBr. 3 (dettomedia.com)

Kromer, Gary
Certified Repair Station No. GASR-876N

DATE: 12/16/08 TYPE: 10-550-N

EXECUTIVE AIR TRANSPORT, INC.

103 Sinclair Dr. - Muskegon, MI 49441

HOBBS: 555.0

TAIL #: N648CB

S/N: 687624

TSMOH: 555.0

- Complied with engine annual inspection per Cirrus Design SR22 scheduled inspection report.
- 2. Performed compression test with following results: 76, 72, 74, 72, 74, 73 / 80 psi.
- 3. Replaced 1 each induction air filter P/N BA-24 due each 200 hrs or annual. Due again 755.0 or 11/2009.
- Performed high tension lead test to magneto harness.
- 5. Set magneto timing to 22 degrees.
- Removed, cleaned, and reinstalled fuel injectors with 6 each o-rings P/N 630979-9, 6 each gaskets P/N X1473, 6 each rubber washers P/N 640612.
- Cleaned and inspected sparkplugs. Replaced all sparkplugs P/N URHB32E.
- Removed oil filter, cut open, found satisfactory. Installed 1 each oil filter P/N CH48108-1. Oil had only 20.7 hrs - oil change due at 584.3
- Complied with SID97-3D fuel flow set up and adjustment.

Complied with the above listed items, reference SR22 Maintenance Manual.

Benjamin Dusendang

AP 3156939

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. This engine is approved for return to service.

Victor Grahn AP 3015259 IA

	1		1 1	4	
1/3/09	Honn	5: 5	81.9	TTE	581.9
					ORAINED OIL, INSPECTED ENGINE AND
	_				FILTER SENT OIL SAMPLE FOR ANALYSIS.
	-				ADDED TOTS AEROSHELL 15/50 W
					AND CH48108-1 FILTER RAN AND
	+				LEAK CHECKED. NO LEAKS NOTED.
					PP# 3042707
				9	

\=\ <u>\</u>		1000	THE		once Overhaul	Engine Service and Maintenance Record
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
ught Forv	nt Forward		-			Wisamoducits and Service Dulleuris
	Engine I 44 CHT FOUND DECLINI AND RE CHT ANI REQUES The airfrai	Entries SENSOR R THE EGT PLACED V DEGT PROST. CLEAN me, engine a ection Manual as per those	Repair State 303 N 2970 303 N 2970 304 Lake C Phone 801 REMOVED ROBE ST WITH NEW DBES INS NED ALL C Ind/or compile and the Fe requiremen	AND REPITIELL INOP. CTION AT SENSOR PECTED F CONNECTION OPERATION	LACED WITI INFORMED THIS TIME A PAN 16579-0 OR CORRO ONS AND RI	DATE 1/29/2008 APC TSN ENG TT HOBBS 598 9 TH NEW SENSOR PIN 16578-001. OPERATIONAL OTHE CUSTOMER OF THE FAULT. CUSTOMER AND DATE
			9 = I	ř	1	1 of 1
18/0	q ,	VOBBS.	639	. 8	TTE	639.8
20/0						DENTINES OFL INSPECTED ENGINE AND FELTER,
						BENT OTL SAMPLE FUR ANALYSTS, ADDED 8 DTS
					 	ABROSHELL 15/50 W AND CM8108-1 FILTER, BAN
						AND LEAKENECKED. NO LEAKS NOTED
.,						100 En 100 304 2707
			32	-		The state of the s
					1	

Date	Total	Time	The second second	Overhaul Installations Inspections Airworthings Directives Special Inspections			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins		
t Forward		-					
. ENGINE REG NO	MODEL IO S/N 687624 N648CB RDER 197	71 3 S	Million Air depair Station M 03 N 2370 W latt Lake City, thone 801 359	No K5SR339N Utah 84116	A/C TSN 689.3		
	e Entries				UR INSPECTION PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST		
THE WO FOR CO GASKE CHECK 65/80 # AIRWO CONTIN FOR CO INJECT SATISF TCM SE P/N 656 OPERA	ORK PER ONTAMIN T P/N MS SATISFA 5 75/80 A RTHINES JUED AIR ONTINUEI ION NOZ ACTORY 808-3. CH 616-1	FORMED ATES. NO 35769-11 CTORY ND #6 63 S C/W PE WORTHII D AIRWO ZLES INS THRO HECKED S ONE SPA CHECK S/	AT THIS DONE FOUND AND SAFE ENGINE (//80. CHECK ER TCM SB NESS CAW RTHINESS PECTION F TTLE AND SATISFACTO ATISFACTO	ATE AND T INSTALLI TIED ON O COMPRESS KED SATIS 643B. CHE PER TCM S C/W PER T FOR CONTI MIXTURE (O RY EN RY LT/F	CRTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR TIME ENGINE OIL DRAINED HOT. REMOVED FILTER AND INSPECTED ED NEW FILTER CH48108-1 AND SAFETIED. INSTALLED NEW CRUSH DIL DRAIN. SERVICED WITH 8 QTS A/S 15W50. LEAK AND OPERATIONAL SION CHECK CW. CHECKED AS FOLLOWS; #1 72/80 #2 72/80 #3 74/80 #4 FACTORY LT/RT MAGNETOS INSPECTION FOR CONTINUED COKED SATISFACTORY ENGINE CYLINDERS INSPECTION FOR SB95-2. CHECKED SATISFACTORY ENGINE CYLINDERS INSPECTION FOR SB95-12. CHECKED SATISFACTORY TCM POSITION-TUNED FUEL INUED AIRWORTHINESS PER TCM SID05-7 CW. CHECKED CONTROL ARMS INSPECTION FOR CONTINUED AIRWORTHINESS CW PER IGINE OIL DIPSTICK/CAP REMOVED AND REPLACED WITH NEW DIP STICK AND REPLACED WITH NEW CHAMPION SPARK PLUG P/N RHB32E. RT MAGNETOS TIMED TO 22 DEGREES PER ENGINE DATA PLATE.		
System a time with the repair	nd the Fede regards to t	ral Aviation	Regulations uon(s) and/or m ir order No 19	inder which the naintenance po 19771	ne operator is certified, and was determined to be in an Airworthy Condition at this date and erformed, and is approved for return to service as per those requirements. Pertinent details of Work Order: 19771		
			jray Certified	Repair Statio	Printed by EBis 3 (datcomedia.com)		
			Continue		1 of 1		

ENGINE MODEL 10-550-N ENGINE S/N 687624 REG NO N648CB WORK ORDIER 21897

Million Air - Salt Lake City

Repair Station No. K5SR339N 303 N 2370 W Salt Lake City, Utah 84116 Phone. 801 359-2085 DATE 6/16/2011 A/C TSN 710.5 ENG TT 710.5 HOBBS 710.5

Engine Entries

ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D USING THE CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20 AS A REFERENCE, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... ENGINE OIL DRAINED HOT. REMOVED FILTER AND INSPECTED FOR CONTAMINANTS. NONE FOUND. INSTALLED NEW FILTER CH48108-1 AND SAFETIED. INSTALLED NEW CRUSH GASKET P/N MS35769-11 AND SAFETIED ON OIL DRAIN. SERVICED WITH 8 QTS A/S 15W50. LEAK AND OPERATIONAL CHECK SATISFACTORY.... ENGINE COMPRESSION CHECKED AS FOLLOWS: CYL # 1 75/80, # 2 73/80, # 3 76/80, # 4 76/80, # 5 79/80, # 6 64/80. CHECKED SATISFACTORY.... LT/RT MAGNETOS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY.... ENGINE CONTROL LINKAGES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY.... ENGINE CYLINDERS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED SATISFACTORY.... TCM POSITION-TUNED FUEL INJECTION NOZZLES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SID05-7. CHECKED SATISFACTORY.... THROTTLE AND MIXTURE CONTROL ARMS INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB08-3. CHECKED SATISFACTORY.

I certify the arriframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SEC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 21897

DATE: 6/16/2011

SIGNED:

Irav

Certified Repair Station No. K5SR339N

Work Order: 21897

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1 of 1

Date	Total	Time	Time Since Last Overhaul	ntenance Record	
	Hrs.	Min.	Hrs. Min.	Installations, Inspections, Airworthiness D Modifications and Service Bulletins	
Make: TCM Eng Model: ID 550 Eng S/N: 63 763 4 Reg# N 648 65				South Valley Regional Airport 7365 S. 4450 W W Jordan, UT 84084 801-858-0042	W/O: 12-2923 Tach: 758.3
Serviced engine with	_g_ qts	oneller or	appliance identified above	e was repaired and inspected in accordance with current, Fede	
for return to service. Pertiner Date: 5 (16 2016)	nt details of	the repair(s) are on file at this Facili	ty under the above referenced Work Order. Inspector: Huy Bui 64624382AP	
Make: TCM Model: IO-550N7 Eng S/N: 687624 Reg# N648CB		- V		South Valley Regional Airport 7365 S. 4450 W. W Jordan, UT 84084 801-858-0042	W/O: 12-3003 Tach: 782.5 TSN: 782.5
differential compression test, as f maintenance and servicing. Was found to be airworthy this date.	follows: 1 h engine.	74/80 2 Run up, c	72/80 3 70/80 4 72/ ops and leak checks go	Single Engine Inspection Guide. Oil & filter not do 180 5 75/80 6 72/80. Clean and gap all spark plug bod. I certify that this engine has been inspected in a	accordance with a 100 HR inspection and
he aircraft, airframe, aircraft engine, ervice. Pertinent details of the repair(propeller o s) are on fi	appliance le at this Fa	identified above was rep acility under the above re	Inspector: ()	ation Regulations and is approved for return to
Date: July 12, 2012				Huy Bui 646243821 AP	

Make: TCM Eng Model: LO 550N7 Eng S/N: 6876-24 Reg# N 648CB	South Valley Regional Airport 7365 S 4450 W W Jordan, UT 84084 801-858-0042	W/O: Tach: 226.3
Serviced engine with 8qts. of The aircraft, airframe, aircraft engine, propeller	or appliance identified above was repaired and inspected in accordance with air(s) are on file at this Facility under the above referenced Work Order. Inspector: Huy Bui 646	current Federal Aviation Regulations and is approved
lake: TCM lodel: 10-550N7 ng S/N: 687624 eg# N648CB	South Valley Regional Airport 7365 S 4450 W W. Jordan, UT 84084 801-858-0042	W/O: 13-3727 Tach: 852.3 TSN: 852.3
rviced engine with 8 qts of A/S 15W100. Perf spark plugs reinstalled. Replaced valve cover ecks good. I certify that this engine has been i	2 Maintenance Manual & Single Engine Inspection Guide. Change ormed differential compression test, as follows: 1 76/80 2 73/80 3 gasket on # 3, 5, 2 and 6 cylinders. Performed routine maintenance aspected in accordance with a 100 HR inspection and found to be a	e and servicing. Wash engine. Run up, ops and le irworthy this date.
e aircraft, airframe, aircraft engine, propeller or applia vice. Pertinent details of the repair(s) are on file at the te: October 4, 2013	ince identified above was repaired and inspected in accordance with current is Facility under the above referenced Work Order. Inspector: Huy Bui 3688325	whe

Make: T CM Eng Model: 20 550 N 7 Eng S/N: 627624	AVIATION DE	W/O: 14-4066 Tach: 900.7
Reg# N 648CB	South Valley Regional Airport 7365 S 4450 W W Jordan, UT 84084 801-858-0042	1 ,
Serviced engine with R qts.	ter change, replaced oil filter with (H48108-1 . Cut and inspected for the continuous maintenance, run up, ops check leaders.) Performed routines maintenance, run up, ops check leaders.	ilter, no defects noted. k check found satisfactory.
Brouç		
The aircraft, airframe, aircraft engine, pr for return to service. Pertinent details of Date: 3-10-2014	opeller or appliance identified above was repaired and inspected in accordance with current peder of the repair(s) are on file at this Facility under the above referenced Work Order. Inspector: ABRUEL WITH	Aviation Regulations and is approved
Make: TCM Model: IO-550N7 Eng S/N: 687624 Reg# N648CB	LEADINGEDGE W/O:	14-4378 952.0 952.0
C/W 100Ur inspection IAW Cirrus Design SE	22 Mail 10 C 1 C	
6 77/80. Cleaned fuel injectors, Clean and gap good. I certify that this engine has been inspective aircraft, airframe, aircraft engine, propeller or ag	t-22 Maintenance Manual & Single Engine Inspection Guide. Changed oil and filter, sted filter no defects noted, Performed differential compression test, as follows: 1 76/8/2 all spark plugs reinstalled. Performed routine maintenance and servicing. Wash engicted in accordance with a 100 HR inspection and found to be airworthy this date. Oppliance identified above was repaired and inspected in accordance with current Federal Aviation Fat this Facility under the above referenced Work Order.	2 77/80 3 77/80 4 77/80 5 76/ ne. Run up, ops and leak checks
6 77/80. Cleaned fuel injectors, Clean and gap good. I certify that this engine has been inspective aircraft, airframe, aircraft engine, propeller or ag	A-22 Maintenance Manual & Single Engine Inspection Guide. Changed oil and filter, sted filter no defects noted, Performed differential compression test, as follows: 1 76/80 all spark plugs reinstalled. Performed routine maintenance and servicing. Wash engined in accordance with a 100 HR inspection and found to be airworthy this date. Sepliance identified above was repaired and inspected in accordance with current Federal Aviation Fact this Facility under the above referenced Work Order.	2 77/80 3 77/80 4 77/80 5 76/ ne. Run up, ops and leak checks
6 77/80. Cleaned fuel injectors, Clean and gap good. I certify that this engine has been inspective. The aircraft, airframe, aircraft engine, propeller or agreewice. Pertinent details of the repair(s) are on file a	A-22 Maintenance Manual & Single Engine Inspection Guide. Changed oil and filter, sted filter no defects noted, Performed differential compression test, as follows: 1 76/80 all spark plugs reinstalled. Performed routine maintenance and servicing. Wash engicted in accordance with a 100 HR inspection and found to be airworthy this date. Soppliance identified above was repaired and inspected in accordance with current Federal Aviation Fat this Facility under the above referenced Work Order. South Valley Regional Airport 7365 S. 4450 W. W. Jordan, UT 84084	2 77/80 3 77/80 4 77/80 5 76/ ne. Run up, ops and leak checks
The aircraft, airframe, aircraft engine, propeller or as service. Pertinent details of the repair(s) are on file a Date: July 17, 2014 Make: Continental Eng Model: To 58 N 7 Eng S/N: 687624 Reg# N648C-B Complied with 50 Hr. oil and fill	A-22 Maintenance Manual & Single Engine Inspection Guide. Changed oil and filter, sted filter no defects noted, Performed differential compression test, as follows: 1 76/8/8 all spark plugs reinstalled. Performed routine maintenance and servicing. Wash engicted in accordance with a 100 HR inspection and found to be airworthy this date. Spliance identified above was repaired and inspected in accordance with current Federal Aviation Fat this Facility under the above referenced Work Order. Inspector Bruce Tanis AP 35081131A South Valley Regional Airport 7365 S. 4450 W	2 77/80 3 77/80 4 77/80 5 76/ ne. Run up, ops and leak checks Regulations and is approved for return to W/O: 14 - 4638 Tach: 1001.2
The aircraft, airframe, aircraft engine with	A-22 Maintenance Manual & Single Engine Inspection Guide. Changed oil and filter, sted filter no defects noted, Performed differential compression test, as follows: 1 76/80 all spark plugs reinstalled. Performed routine maintenance and servicing. Wash engined in accordance with a 100 HR inspection and found to be airworthy this date. South Valley Regional Airport 7365 \$. 4450 W. W. Jordan, UT 84084 801-858-0042 Let Change, replaced oil filter with C.448 103 - 2 Cut and inspected for the filter with C.448 103 - 2 Cut and inspected	W/O: 14-4638 Tach: (OO), a Word of the checks of the check of th



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591

ENGINEENTRY

WORK ORDER: 574 AIRCRAFT: N648CB HOBBS: 1015.5 TSOH: N/A TTE: 1015.5

MODEL: Continental IO-550-N S/N: 687624

Replaced the starter adapter with overhauled unit (P/N: 642083-A2, S/N: CAM14-087) and related gasket (P/N: 653470) and o-ring (P/N: MS9021-038) with new. Replaced starter with new Hartzell Energizer starter (P/N: ES646275-1, S/N: H-O101704). See revised aircraft weight and balance this date. Replaced the crankshaft nose seal with new (P/N: 641250). Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus

SR22 and Continental Maintenance Manuals. -END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

DATE: 11/26/2014

Date	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		→			



ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 - 510 782-6591

ENGINEENTRY

WORK ORDER: 599 AIRCRAFT: N648CB HOBBS: 1023.7 TSOH: N/A TTE: 1023.7

MODEL: Continental IO-550-N S/N: 687624

DATE: 12/19/2014

Completed 50 hour inspection and service in accordance with Savvy Aircraft Maintenance Management Cirrus SR2x Guide for Oil Changes and Associated Service Items. Drained and sampled oil. Removed and replaced oil filter with new (P/N: CH48109-1). Examined old oil filter element, some ferrous and non-ferrous metal contamination found. Re-inspect oil filter element at Hobbs: 1028.7. Serviced engine with 7 quarts of Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Cleaned, gapped and tested spark plugs. Rotated and re-installed spark plugs with new gaskets (P/N: M674). Set fuel pressures IAW TCM SID97-3F. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. —END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

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ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 - 510 782-6591

ENGINE ENTRY

WORK ORDER: 689 AIRCRAFT: N648CB HOBBS: 1064.6 TSOH: N/A TTE: 1064.6

MODEL: Continental IO-550-N S/N: 687624

DATE: 04/08/2015

Completed 50 hour inspection and service in accordance with Savvy Aircraft Maintenance Management Cirrus SR2x Guide for Oil Changes and Associated Service Items. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. –END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565

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ABSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 · 510 782-6591



WORK ORDER: 752 AIRCRAFT: N648CB HOBBS: 1099.0 TSOH: N/A TTE: 1099.0

MODEL: Continental IO-550-N S/N: 687624

DATE: 07/07/2015

Removed both magnetos for 500 hour inspection by Aircraft Electrical Components (CRS# S7HR883J, WO# 68779 & 68780). Reinstalled repaired magnetos (P/N: S6RSC-25, S/N L/H: D05AA044, R/H: D05AA050) with new gaskets and timed to engine. Replaced all twelve rocker cover gaskets with new silicone gaskets (P/N: RG-632459). Compression results: #1-68/80, #2-70/80, #3-64/80, #4-64/80, #5-72/80, #6-70/80, M.O. 45/80. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 6 quarts of Aeroshell W100 oil and 1 pint of ASL Camguard. Cleaned, gapped and tested spark plugs. Rotated and reinstalled spark plugs with new gaskets (P/N: M674). Ground ran engine, leak and ops check good. No defects noted at this time. Verified AD's current through AD 2014-05-29. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. –END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565



ARSOLUTE AERO

MAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 + 510 782-6591

ENGINE ENTRY

WORK ORDER: 893 AIRCRAFT: N648CB HOBBS: 1138.0 TSOH: N/A TTE: 1138.0

MODEL: Continental IO-550-N S/N: 687624

DATE: 11/19/2015

Completed 50 hour inspection and service in accordance with Savvy Aircraft Maintenance Management Cirrus SR2x Guide for Oil Changes and Associated Service Items. Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48108-2). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. -END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565



ABSOLUTE AERO

MAINTENANCE

22(0)5 Skywest Drave, Hayward, CA 94541 - 510 782-6591

ENGINE ENTRY

WORK ORDER: 902 AIRCRAFT: N648CB HOBBS: 1147.0 TSOH: N/A TTE: 1147.0

MODEL: Continental IO-550-N S/N: 687624

DATE: 12/22/2015

Removed #1 alternator for 500 hour inspection by Aircraft Electrical Components (CRS# S7HR883J, WO# 70256). Reinstalled repaired alternator (P/N: 646843, S/N: H2291010) with new gasket (P/N: 653981). Cleaned, gapped and tested #1 spark plugs and replaced one spark plug with new (P/N: URHB32E). Serviced all fuel injector nozzles and reinstalled with new o-rings (P/N: 630979-9) and washers (P/N: X1473 & 640612). Replaced R/H magneto gasket (P/N: 649954) and four intake gaskets (P/N: 649950) with new. Timed R/H magneto to engine. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. -END

This engine is approved for return to service, for only the work performed.

Brandon Thompson A&P 3212565



WAINTENANCE

22005 Skywest Drive, Hayward, CA 94541 - 510 782-6591

ENGINE ENTRY

WORK ORDER: 973 AIRCRAFT: N648CB HOBBS: 1170.7 TSOH: N/A TTE: 1170.7

MODEL: Continental IO-550-N S/N: 687624

DATE: 03/06/2016

Drained and sampled oil. Removed and replaced oil filter with new (P/N: AA48109). Examined old oil filter element, no contaminants found. Serviced engine with 7 quarts of Phillips X/C 20W50 oil and 1 pint of ASL Camquard. Ground ran engine, leak and ops check good. No defects noted at this time. All work completed in accordance with Cirrus SR22 and Continental Maintenance Manuals. - END

This engine is approved for return to service for only the work performed.

Brandon Thompson A&P 3212565

Date	Total Time	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Since verhaul	Engine Service and Maintenance Reco
	Hrs. Min.	Hrs.	Min.	Modifications and Service Bulletins
ought Forward	>			
//_	M A	B S O L U	NCE	ERO ENGINEENTRY
MODEL COL	ntinental IO-550	N S/N: 68	37624	DBBS: 1226.5 TSOH: N/A TTE: 1226.5 DATE: 07/20/2016
CRS# 9KPR URHB32E) w Drained and s contaminants gapped and te accordance w AD's current t	2369B, WO# 100L vith new. Compre sampled oil. Rem found. Serviced ested spark plug- vith TCM SID97-3 hrough FAA AD	ssion result loved and result engine with Rotated and results. Rotated and results. Rotated and results are results.	ts: #1: 68 replaced of h 7 quarts and re-ins ran engli 016-14. A	(N: 655921-3A1, S/N: B04IA189) from Consolidated Fuel Systems, Inc. the fuel pump gasket (P/N: 649982) and two spark plugs (P/N: /80, #2: 66/80, #3: 64/80, #4-72/80, #5: 66/80, #6: 70/80, M.O. 43/80. Dil filter with new (P/N: AA48108-2). Examined old oil filter element, no sof Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Cleaned, stalled spark plugs with new gaskets (P/N: M674). Set fuel pressures in the, leak and ops check good. No defects noted at this time. Verified II work completed in accordance with Cirrus SR22 and Continental accordance with FAR 43 Appendix D (100 Hour Inspection) and littion.
I certify that t	his engine has ermined to be ir	been inspo an airwoi	thy conc	lition.
Peter & McClu	ure A&P JIA 365	7637		
	MAL	SOLU NTENAN Skywest Driv	CE	RO d. CA 94541 - 510 782-6591
_ MODEL: Conti	inental IO-550-N	S/N: 687	624	BBS: 1261.3 TSOH: N/A TTE: 1261.3 DATE: 08/25/2016
Drained and sa contaminants for engine, leak an	mpled oil. Remo	ved and re ngine with d. No defec	placed oil	filter with new (P/N: AA48108-2). Examined old oil filter element, no of Phillips X/C 20W50 oil and 1 pint of ASL Camguard. Ground ran at this time. All work completed in accordance with Cirrus SR22 and
This engine is	approved for re	turn to se	vice, for	only the work performed.

Peter E McChare A&P 3657637

I NGINE MODEL: 10-5 NGINE S/N: 687624	50-N7B	,		DATE: 12/10/16 HOBBS: 1293.2	
ngine Entries					-
ntaminants. None for	nd. Serviced with 7	quarts of Philipps X/C 2		n oil filter and checked for metal and mguard. Checked Battery 1 – servi od. Returned to service.	
gned:	wiNan		Suraj Nagaraj	Private Certificate 3373502	
	- 1 - 1	1	1		

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Rec	
	Hrs.	Min.	Hrs.	Installations, Inspections, Airworthiness Directives, Special II Modifications and Service Bulletins		
ht Forward		→				
-	-/>	_	MAINT	FRANCI	E A E R O E N G I N E E N T R Y	
			AIRCRAF		B HOBBS: 1293.3 TSOH: N/A TTE: 1293.3 DATE: 12/09/2016	
see F	ps check	orm dated good. No	1 12/09/20	16. Adjust oted at thi	tors kit (P/N: TIG550-12E, S/N: 25671) in accordance with STC SE09963SC, ted idle mixture, speed and low fuel pump pressure. Ground ran engine, leak is time. All work completed in accordance with the Cirrus SR 22 and	
This	engine is	approve	ed for retu	ırn to sen	vice, for only the work performed.	
Bran	don Thor	npson A	&P 32125	65	21	
			ABSO	LUTE	AERO	
The constant and			MAINT = 22005 Skyv	vest Drive, I	HOBBS: 1365.0 TSOH: N/A TTE: 1365.0	
Replace results: and replace with 7 cdefects	ed all twe #1: 71/80 placed oil quarts of F noted at	ental IO- live spark 0, #2: 62/ filter with Phillips X/ this time.	22005 Skyv IRCRAFT 550-N S/ plugs with 80, #3: 61 new (P/N C 20W50 Verified A	Nest Drive, I Nest Drive, I Nest Bridge Nest Bridge N	HOBBS: 1365.0 TSOH: N/A TTE: 1365.0	
Replace results: and replace with 7 defects Cirrus S	L: Contined all twee #1: 71/80 placed oil quarts of F noted at SR22 and that this en determ	lve spark 0, #2: 62/ filter with Phillips X/ this time. Continer s engine nined to	22005 Skyv IRCRAFT 550-N S/ plugs wittl 80, #3: 61. new (P/N. C 20W50 Verified A ntal Mainte has been be in an a	N648CB N: 687624 n new (P/N/80, #4: 6' AA48108 oil and 1 p. D's curren nance Ma inspected inworthy	HOBBS: 1365.0 TSOH: N/A TTE: 1365.0 W: URHB32E). Re-timed both magnetos to engine. Cylinder compression 1/80, #5: 72/80, #6: 70/80, M.O. 44/80. Drained and sampled oil. Removed 3-2). Examined old oil filter element, no contaminants found. Serviced engine bint of ASL Camguard. Ground ran engine, leak and ops check good. No not through FAA AD biweekly 2017-16. All work completed in accordance with	
Replace results: and replace with 7 defects Cirrus S	L: Contined all twee #1: 71/80 placed oil quarts of F noted at SR22 and that this en determ	lve spark 0, #2: 62/ filter with Phillips X/ this time. Continer s engine nined to	22005 Skyv IRCRAFT 550-N S/ plugs wittl 80, #3: 61 new (P/N: C 20W50 Verified A ntal Mainte	N648CB N: 687624 n new (P/N/80, #4: 6' AA48108 oil and 1 p. D's curren nance Ma inspected inworthy	HOBBS: 1365.0 TSOH: N/A TTE: 1365.0 W. URHB32E). Re-timed both magnetos to engine. Cylinder compression (1/80, #5: 72/80, #6: 70/80, M.O. 44/80. Drained and sampled oil. Removed 3-2). Examined old oil filter element, no contaminants found. Serviced engine bint of ASL Camguard. Ground ran engine, leak and ops check good. No not through FAA AD biweekly 2017-16. All work completed in accordance with anuals. –END	
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