Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at: 1-888-826-5465 Toll free in the United States or 1-251-436-8299 International

Engine Returns

Return engines for core credit with this log book to:
Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:
Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

USE ONLY FUEL SPECIFIED IN OPERATOR'S MANUAL OR TYPE CERTICATE DATA SHEET USE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed:09/25/2017

Test Date 09/22/2017

This engine model I0550N68B, serial number 1034689 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

э Көсог	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record		
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		



Registration: N73CC Date: 14 Nov. 19 Flight: 217.5 TT Make: Continental Model: IO-550-N S/N: 1034689



Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 7 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection was complete with satisfactory results. Oil sample submitted to Avlab for analysis. Installed BA24 Air Filter Next due Nov 2020. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 22 degrees before TDC, performed a differential compression test 1) 65/80 2) 60/80 3) 60/80 4) 62/80 5) 66/80 6) 64/80 master orifice 42 psi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Complied with CMI SB18-08. A post maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 1585)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM date June 2010 and was determined to be in an airworthy condition.

Scott P. Reilly.: Certificate #: A&P 3361801IA



Registration: N73CC Date: 7 July 2020 Flight: 265.2 TT Make: Continental Model: IO-550-N S/N: 1034689



Completed TCM and Cirrus 50-hour Inspection Checklists, drained oil, sample taken, installed oil filter (P/N: AA48108-2), serviced with 8qts Phillips 20W50 X/C oil. Inspected exhaust and induction systems with no defects noted, cleaned and inspected fuel strainer screen and installed (P/N: MS29513-137 O-ring and P/N: NAS1523-8B). Lubrication of engine controls complied with. Performed a post maintenance operational check IAW with Cirrus AMM 5-30 with satisfactory results.

This engine has been inspected in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 1740)

Jeffrey Shawn Crean: 1 than byay Certificate #: 3230521 A&P

r			
r			
-			

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Recor			
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal a installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins			
elite aircraft maintenance	e	į	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUM	STATE STREET,	GRG Date: 13 Dec. 17 Flight: 26.2 TT tal Model: IO-550N S/N: 1034689			
work was of particulate it aboratory are to 22 degree 6) 74/80 Ma	complete inspection nalysis. Cl is before aster Orif	d: insta n of the eaned, TDC, pe ice 42, t	lled 7 qua oil filter n re-gapped rformed a the fuel in	rts of Phinedia wad, tested different jector no	ervice Instructions 5-20 and Continental Motors ICA. The following illips 20W50 XC oil, installed new Tempest AA48108-2 oil filter, a as performed with satisfactory results. An oil sample was taken for and re-installed the spark plugs, confirmed and correct mag timing itial compression test 1) 70/80 2) 70/80 3) 72/80 4) 72/80 5) 68/80 ozzles were ultrasonically cleaned and inspected per TCM ICA, and a-test unit. Idle speed was adjusted. Forward RH baffle crack stop-d pending replacement.			
This engine h	as been i	nspecte	ed in accor		vith Federal Aviation Regulations and is hereby approved for return to service. rence work order: 1034)			
		Shawr	n Crean.: _	,	on Com Certificate #: <u>A&P 3230521</u>			
Investigate	d electror ding, four	nic inter	Make: Co	tatic repo	Date: 3 Jan Dec. 18 Flight: 28.5 TT Model: IO-550N S/N: 1034689 Derted on COMM's. Checked P-leads, ignition leads, and ignition lead poorly connected to mag harness cap. Removed cap, secured liding to cap, re-installed cap.			
his work has	been per	formed			h Federal Aviation Regulations and is hereby approved for return to service.			
				(Refere	ence work order: 1044			
	Al	exande	r J. Silva.:	_	Certificate #: <u>A&P 3804642</u>			
elite arcraft maintenance					G Date: 12 Feb. 18 Flight: 44.9 TT al Model: IO-550-N S/N: 1034689			
work was	complete	d: insta	lled 7 qua new o-rii	rts of Ph ng. Perfo	rvice Instructions 5-20 and Continental Motors ICA. The following illips 20W50 XC oil, installed new Tempest AA48108-2 oil filter, rmed a post maintenance operational check in accordance with M 5-30, results satisfactory.			
his engine ha	as been ir	nspecte	d in accor		th Federal Aviation Regulations and is hereby approved for return to service.			
				,				

		Total Time		e Time Since Last Overhaul		Engine Service and Maintenance Red				
One.	Date	Hours	Min	Hours	Min	Record maintenance actions including engine part installation and compliance with inspections, Airworthine Special Inspections, Modifications and Service Bulletins				
Cá	alita									
	ellle aircraft maintenance			AND DESCRIPTION OF THE PARTY OF		G Date: 8 Mar. 18 Flight: 55.1 TT al Model: IO-550N S/N: 1034689				
_				1 100	, ,	L 50 D (b) 45 407 000 in annual annual ith the ABABA	1			
						baffle P/N: 15487-009 in accordance with the AMM.				
-	This work has	s been pe	rformed	d in accord	dance wit	th Federal Aviation Regulations and is hereby approved for to service.	r return			
					(Refer	ence work order: 1084)				
			Chaum	Croan .	Maria	7 Coan Certificate #: A&P 3804642				
			Snawn	Cream.	110000	Certificate w. Mar 3504042				
	alita				N/4 F	C Date: 7 May 19 Elight: 76 7 TT	1			
	aircraft maintenanc	e				RG Date: 7 May. 18 Flight: 76.7 TT al Model: IO-550N S/N: 1034689	CIRRES			
	the AMN	A. A post	mainter	nance ope	rations c	laboratory analysis. Maximum take-off RPM was also adjineck was performed in accordance with Cirrus AMM 5-30 satisfactory results ith Federal Aviation Regulations and is hereby approved for	With			
	the AMN	A. A post	mainter	nance ope	rations c	heck was performed in accordance with Cirrus AMM 5-30	With			
	the AMN	M. A post	mainter erforme	nance ope	dance w	heck was performed in accordance with Cirrus AMM 5-30 satisfactory results ith Federal Aviation Regulations and is hereby approved for to service.	With			
	the AMN	M. A post	mainter erforme	d in accor	dance w	heck was performed in accordance with Cirrus AMM 5-30 satisfactory results ith Federal Aviation Regulations and is hereby approved for to service. rence work order: 1134) Certificate #: A&P 3804642	With			
	the AMN	M. A post	mainter erforme	ed in accor	dance w (Refe	heck was performed in accordance with Cirrus AMM 5-30 satisfactory results ith Federal Aviation Regulations and is hereby approved for to service. rence work order: 1134)	With			
	This work ha	A. A post	mainter erforme Alexand	d in accor ler J. Silva. Registrat Make: Co	dance winder (Refe	the ck was performed in accordance with Cirrus AMM 5-30 satisfactory results ith Federal Aviation Regulations and is hereby approved for to service. rence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: 7810-550 S/N: 1034689	or return			
P	This work have aircraft maintenance	A. A post	mainter erforme Alexand	d in accorder J. Silva. Registrat Make: Co	dance w (Refe :: ion: N1R ntinenta	the Federal Aviation Regulations and is hereby approved for to service. The rence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT Model: 7510-550 S/N: 1034689 From the results of	or return			
P	This work has elite	A. A post	mainter erforme Alexand inspection comple	Registrat Make: Co	ion: N1R ntinenta Cirrus Se olator Bo	th Federal Aviation Regulations and is hereby approved for to service. The rence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: 7\$10-550 S/N: 1034689 Tryice Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change agine was serviced with 7 qts. of Phillips 20W50, a new te	uide. The			
P	This work have aircraft maintenance of following performed 48108-2 filt	A. A post as been pe	Alexand inspection completed is sample stalled.	Registrations using the decrease was take Tested contact and the decrease was taked to the decrease wa	ion: N1R ntinenta Cirrus Se olator Bo n. The er mpressio	the Federal Aviation Regulations and is hereby approved for to service. The rece work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: 7810-550 S/N: 1034689 Frice Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change on the property of the	uide. The was mpest 72/80,			
P	This work has been aircraft maintenance and following performed 48108-2 filt	A. A post as been pe	Alexand inspection completed is sample stalled.	Registrations using the decrease was take Tested contact and the decrease was taked to the decrease wa	ion: N1R ntinenta Cirrus Se olator Bo n. The er mpressio	th Federal Aviation Regulations and is hereby approved for to service. The rence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: 7\$10-550 S/N: 1034689 Tryice Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change agine was serviced with 7 qts. of Phillips 20W50, a new te	uide. The was mpest 72/80,			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	A. A post of the second	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount using the discount of the dis	ion: N1R itinenta Cirrus Se olator Bo in. The er impression	th Federal Aviation Regulations and is hereby approved for to service. The reference work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT Model: 7810-550 S/N: 1034689 Tryice Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change or single was serviced with 7 qts. of Phillips 20W50, a new teen found: 1) 74/80 2) 52/80 3) 64/80 4) 72/80 5) 64/80 6) ince ground run and leak check was completed with satisfaresults.	or return or return e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	A. A post of the second	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount using the discount of the dis	ion: N1R ntinenta Cirrus Se olator Bo naintenai	th Federal Aviation Regulations and is hereby approved for to service. Tence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: T\$10-550 S/N: 1034689 Provice Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change on the service with 7 qts. of Phillips 20W50, a new ten found: 1) 74/80 2) 52/80 3) 64/80 4) 72/80 5) 64/80 6) ince ground run and leak check was completed with satisfaresults.	or return or return e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	A. A post of the second	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount of the discou	ion: N1R intinenta Cirrus Se olator Bo in. The er impression	th Federal Aviation Regulations and is hereby approved for to service. The service of the servi	or return or return e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	A. A post of the second	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount of the discou	ion: N1R intinenta Cirrus Se olator Bo in. The er impression	satisfactory results ith Federal Aviation Regulations and is hereby approved for to service. rence work order: 1134) Certificate #: A&P 3804642 G Date: 17 Jul. 18 Flight: 93.2 TT I Model: 7810-550 S/N: 1034689 Price Instructions 5-20 and Continental Motors ICA as a growl and Screen were inspected and cleaned. An oil change of the service with 7 qts. of Phillips 20W50, a new teen found: 1) 74/80 2) 52/80 3) 64/80 4) 72/80 5) 64/80 6) ince ground run and leak check was completed with satisfacted to service.	uide. The e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	A. A post of the second	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount of the discou	ion: N1R intinenta Cirrus Se olator Bo in. The er impression	th Federal Aviation Regulations and is hereby approved for to service. The service of the servi	or return or return e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	d. A post	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount of the discou	ion: N1R intinenta Cirrus Se olator Bo in. The er impression	th Federal Aviation Regulations and is hereby approved for to service. The service of the servi	or return or return e was mpest 72/80, actory			
	This work have aircraft maintenance deformed a 1 following performed 48108-2 filt master orif	d. A post	mainter erforme Alexand inspection comple I sample stalled. ing 40 ps	Registrations using the discount of the discou	ion: N1R intinenta Cirrus Se olator Bo in. The er impression	th Federal Aviation Regulations and is hereby approved for to service. The service of the servi	or return or return e was mpest 72/80, actory			

D-1-	iotal	Time	Time Sin Over		Engine	Service	and Maint	enance Recor	
Date	Hours Min Hours Min Special Inspections, Modifications and Service Bulletins						Airworthiness Directive		
arried forward		>-					EN	CINE ENTRY	
		"N" #:	N/	lakar	Model	Serial #:	Total Time:	Date:	
		N1RG		lake: RRUS	Model: SR22	4554	116.3	09/10/2018	
	1. 2.	FOUND NOTED COMLY AC43.13	OIL FILTE NO CONT WORK PER WITH ENG 3-1B APPLICE	Description ED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii). OIL FILTER INSPECTION - REMOVED ENGINE OIL FILTER, CUT OPEN AND INSPECTED. NO CONTAMINENTS. INSTALLED NEW FILTER P/N AA48108-2. GROUND RAN, NO LEAKS WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-10. WITH ENGINE COMPRESSION CHECK - PERFORMED ENGINE COMRESSION TEST IAW -18 APPLICABLE SECTION OF CH 8 SECTION 3. COMPRESSION FIGURES: #1-75/80, #2-74/80, #4-75/80, #6-75/80.					
	REPA	AIRCRAF AIRED AN ROVED FO	T, AIRFRAND INSPECTI OR RETURN UNDER WO	ME, AIRCF ED IN ACC TO SERVI RK ORDEF SIGNE	RAFT ENGINE, CORDANCE WIT CE. PERTINENT R NO. 95298. ED BY: INC., 2861 AVIA	PROPELLER OR H CURRENT FED DETAILS OF THE	COLUMBIA, SOUTH C	IFIED ABOVE WAS GULATIONS AND IS E AT THIS AGENCY	
elite						9 Flight: 208.7 -N S/N: 10346		CIRRUS	
billowing work ter, Cleaned re) 54/804) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5-	AMM Chapte Phillips 20Ws performed a 2 psi. Perform 30 with satisf	er 5-20 Contine 50 XC oil, install differential co ned a post mair actory results.		as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
billowing work ter, Cleaned re) 54/804) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine for XC oil, install differential coned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
billowing work ter, Cleaned re) 54/804) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine 50 XC oil, install differential co ned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
billowing work ter, Cleaned re) 54/804) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine for XC oil, install differential coned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
ollowing work ter, Cleaned re (54/80 4) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine for XC oil, install differential coned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
ollowing work ter, Cleaned re (54/80 4) 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine for XC oil, install differential coned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	
ollowing work er, Cleaned re 54/80 4 58/8	was comp e-gapped a (805) 70/80	Make rrus inspe leted: in: nd re-ins 0 6) 68/8	ection usi stalled 8 c stalled spa 0 Master vith Cirrus	ng Cirrus quarts of ark plugs, Orifice 4 AMM 5- e with Fe	AMM Chapte Phillips 20W: performed a 2 psi. Perform 30 with satisf	er 5-20 Contine for XC oil, install differential coned a post mair actory results.	ental Motors ICA a ed new Tempest mpression test 1) atenance operation	as a guide. The AA48108-2 oil 70/80 2) 60/80 onal check IAW	



Registration: N1RG Date: 13 Nov. 2018 Flight: 125.7 TT Make: Continental Model: IO-550-N S/N: 1034689



ce Record

art removal and thiness Directives,



nstructions 5arts of Phillips omplete with 1019. Cleaned performed a psi, Adjusted nd reinstalled clamp. A post

Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20 Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 8 quarts of Phillips 200/50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 22 degrees before TDC, performed a differential compression test 1) 72/80 2) 69/80 3) 68/80 4) 68/80 5) 62/80 6) 69/80 master orifice 44 osi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Installed a new BA24 induction air filter, next due: Nov.

(Reference work order: 1278)

2019. Re-secured the #4 induction clamp. A post maintenance operation check was performed using Cirrus AMM

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM date June 2010 and was determined to be in an airworthy condition.



Jeremy A. Greene.: ______ Certificate #: AP3666293IA

maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 1278)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM date June 2010 and was determined to be in an airworthy condition.

Scott P. Reilly.: Certificate #: A&P 3361801IA



5-30 as a guide with satisfactory results.

Registration: N73CC Date: 2 Apr. 19 Flight: 171.5 TT Make: Continental Model: IO-550-N S/N: 1034689

Performed a 50 hour inspection using Cirrus Service Instructions 5-20 and Continental Motors ICA. The following work was completed: installed 7 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter, serviced the gascolator with new o-ring. Reduced oil pressure by adjusting the oil pressure relief valve per CMI specs. Performed a post maintenance operational check in accordance with Cirrus AMM 5-30, results satisfactory.

This engine has been inspected in accordance with Federal Aviation Regulations and is hereby approved for return to service.

(Reference work order: 1407)

Alexander J. Silva.:

Certificate #: A&P 3804642



Registration: N73CC Date: 09/25/2019 Flight: 208.7 TT Make: Continental Model: IO-550-N S/N: 1034689



Removed ALT 1 S/N H-R72275 and replaced P/N 656802 S/N H-T080319. Leak check satisfactory A post maintenance run was performed in accordance with Cirrus AMM 5-30 with satisfactory results.

(Reference Work Order: 1547)

This service has been performed in accordance with Federal Aviation Regulations and Manufactures Service instructions and is hereby approved for return to service.

A MANY Crean __ Jeffrey Shawn Crean Certificate #: 3230521 A&P

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record		
Date	Hours	Min	Hours	Min	Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Direct Special Inspections, Modifications and Service Bulletins		
Carrie ' C		•			Special Inspections, Modifications and Service Bulletins		



Make: Continental Model: IO-550-N S/N: 1034689



Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5 20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 7 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection was complete with satisfactory results. Oil sample submitted to Avlab for analysis. Installed BA24 Air Filter Next due Nov 2021. Ceres re-gapped and re-installed spark plugs, confirmed correct mag timing of 22 degrees before TDC, performed a differential compression test 1) 77/80 2) 61/80 3) 64/80 4) 63/80 5) 72/80 6) 72/80 master orifice 44 psi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Complied with AD2020-16-11 using Continental Motors MSB 18-08C. WO 1840 for affected Serial Numbers. Performed Alternator #2 Inspection, Next Due 809.4TT. A post maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 1840)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM and was determined to be in an airworthy condition.

Certificate #: A&P 3361801IA

wo: 2113 Engine · page 1 of 1

Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

N73CC Flight: 333.9 January 04, 2022

1. Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 8 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 24 degrees before TDC, performed a differential compression test MO# 44 1.) 70/80 3.) 60/80 5.) 72/80 2.) 64/80 4.) 60/80 6.) 72/80 The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F.

I certify that this engine has been inspected in accordance with an annual inspection as per the scope and detail FAR43 Appendix D and was determined to be in an airworthy condition. Details of work performed are on file with Elite Aircraft Maintenance under work order 2113.

Scott Reilly A&P 3361801IA ____Cotton Rele

	9		
		-	
34	1,726	La Cons	RESIDENCE CONTROL OF THE RESIDENCE OF TH



Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

N73CC Continental, IO-550-N, S/N: 1034689
Engine Total Time: 345.1
Hobbs: 449.6

November 10, 2022

noval and Directives,

Cari

Performed a 100Hr inspection per the scope and detail of 14CFR 43 Appendix®D with references to Chapters 4&5 Cirrus SR-22 Series Maintenance Manual and Continental IO-550 Series Maintenance Manual (M16).

Airworthiness Directives checked thru Bi-Weekly 2022-23 as follows: Complied with AD20-19-06 McCauley Prop Governor Insp. by Overhaul of unit.

Performed a differential compression test 1.) 62/80 3.) 64/80 5.) 68/80 2.) 51/80 4.) 54/80 6.) 60/80. (MO:44/80).

Drained oil, Av Lab sample submitted. An oil filter media inspection was completed with satisfactory results. Installed new Tempest AA48108-2 oil filter and serviced engine with 8 quarts of Phillips 20W50 XC oil.

Removed, cleaned/gapped and reinstalled sparkplugs using new gaskets.

Verified Lt/Rt mag timing within spec.

Removed/cleaned/reinstalled fuel injector nozzles using new packing/seals referencing CMI Publication #FI-02. Sect. E and F.

Engine ground run completed referencing Chapter 6.4 Continental Standard Practice Maintenance Manual and Cirrus AMM 5-30. Systems function checked normal with no leaks noted.

I certify that, at the time and date of signing this log entry, the above noted engine has been inspected in accordance with a 100hr inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM and was determined to be in an airworthy condition. Details of work performed are on file with Elite-Aircraft Maintenance under work order:2351.

Brian Griffin A&P A&P2702112 14

13. K G. K.

wo: 2351

elite aircraft maintenance Engine · page 1 of 1

Elite Aircraft Maintenance · 707 Rod Sullivan Rd · Sanford, NC 27330 · 9196651233

N73CC Continental, IO-550-N, S/N: 1034689

November 21, 2022

Engine Total Time: 345.1 Hobbs: 449.6

Prop Governor model C290D3-R/T23, s/n:170455 removed/reinstalled using new gasket after Overhaul by Sensenich Propeller Service. (see 8130-3 form #22-470 dated 11-16-22).

Engine ground run completed referencing Chapter 6.4 Continental Standard Practice Maintenance Manual and Cirrus AMM 5-30. Systems function checked normal with no leaks noted.

With respect to the work performed, all maintenance was accomplished in accordance with manufacturers manuals and federal regulations. Details of work performed are on file with Elite Aircraft Maintenance under work order:2351.

Jeffrey Shawn Crean A&P 3230521

Many George

13e. Date (dd/mmm/yyyy): 14d. Name (Typed or Printed): 14e. Date (dd/mmm/yyyy): N/A
N/A Brook M. Boardman 16/Nov/2022

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



P/N: S/N: W/O:

Description:

ES-10024-845	
H-T080319	
M716570	
ALT, 24V, 100A, 656802	

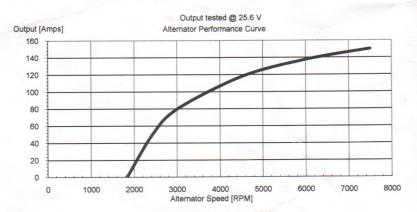
Pass 08/13/2019

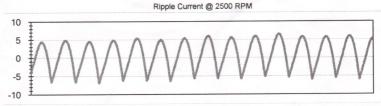
This alternator has an external voltage regulator, Some parameters do not apply to some units and for informational purpo

Test Results Table:

Test results rubic.		
Maximum Alternator Output:	Amps	149.97
Maximum Output Power:	Watts	4006
Leakage Current	mAmps	0.2
Ripple Current	Amps	13.19
Alternator Turn On Speed	RPM	1834
Field Current	Amps	3.510

Output Current at 2400 RPM	Amps	48.27
Output Current at 3000 RPM	Amps	79.68
Output Current at 4500 RPM	Amps	117.48
Output Current at 6000 RPM	Amps	137.45
Output Current at 7500 RPM	Amps	149.97
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0





Cirrus SR22

Airworthiness Directive Compliance Report

Date: 11/22/2022

Tail: N73CC

S/N: 4554

Hours: Misc:

Engine: Continental IO-550-N Propeller: Hartzell PHC-J3Y Series S/N: 1034689

Hours:

S/N: FP9116B

Hours:

Airframe: Cirrus SR22

AD#	Category	Subject	Amdt #	Eff Date	Recurring
08-03-16	Airframe	Rudder and Aileron Controls	39-15367	03/11/08	-
Date/Hours at Co	empliance:	Method of Compliance;			
12/17/2021	333.9TT	NA by Aircraft SN		Name: Scott Reilly	
Next Due Date/H	ours:	Signature		Cert#: 33618	01IA
08-14-13	Airframe	In-Flight Cabin Door Failure	39-15608	08/14/08	
Date/Hours at Co	mpliance:	Method of Compliance:			
12/17/2021	333.9TT	NA by Aircraft SN		Name: Scott I	Reilly
Next Due Date/H	ours:	Signature		Cert#: 336180	01IA
09-26-01	Airframe	Anti-Ice Fluid Line	39-16136	12/21/09	
Date/Hours at Co	mpliance:	Method of Compliance:			
12/17/2021	333.9TT	NA by Aircraft SN		Name: Scott I	Reilly
Next Due Date/He	ours:	Signature		Cert#: 336180	01IA

Engine: Continental IO-550-N

AD#	Category	Subject	Amdt #	Eff Date	Recurring
10-11-04	Engine	Hydraulic Lifter Face Wear	39-16309	06/16/10	
Date/Hours at Compliance:		Method of Compliance:			
12/17/2021 3	333.9TT	NA by Parts Not Installed		Name: Scott Reilly Cert#: 3361801IA	
Next Due Date/Ho	ours:	Signature			
12-03-06	Engine	AVStar Fuel Servo Diaphragm	39-16947	02/24/12	
Date/Hours at Cor	mpliance:	Method of Compliance:			
12/17/2021 333.9TT		NA by Parts Not Installed		Name: Scott Reilly	
Next Due Date/Ho	ours:	Signature		Cert#: 3361801IA	
12-10-13	Engine	Starter Adaptor Gear Shaft	39-17062	06/08/12	
Date/Hours at Cor	mpliance:	Method of Compliance:			
12/17/2021 333.9TT		NA by Date of Mfg		Name: Scott	Reilly
Next Due Date/Hours:		Signature		Cert#: 3361801IA	
14-05-29	Engine	(SAP) Cast Cylinder Assemblies	39-17801	04/25/14	Yes
Date/Hours at Cor	mpliance:	Method of Compliance:			
12/17/2021 333.9TT Next Due Date/Hours:		NA by Parts Not Installed		Name: Scott Reilly Cert#: 3361801IA	
		Signature	v -		
16-16-12	Engine	AEC/CMI Cylinder Assemblies	39-18610	09/15/16	
Date/Hours at Con	npliance:	Method of Compliance:			
12/17/2021 333.9TT		NA by Parts Not Installed		Name: Scott Reilly	
Next Due Date/Hours:		Signature		Cert#: 3361801IA	
20-16-11	Engine	Cross-Flow Cylinder Assembly Fractures	39-21195	09/21/20	
Date/Hours at Con	npliance:	Method of Compliance:			
01/08/2021 313.2TT		PCW via Continental MSB18-08B and MSB18-08C.		Name: Scott Reilly	
Next Due Date/Hours: Signature			Cert#: 3361801IA		

Propeller: Hartzell PHC-J3Y Series

	_				
AD#	Category	Subject	Amdt #	Eff Date	Recurring

 07-26-09
 Propeller
 Fatigue Cracks
 39-15311
 01/30/08

 Date/Hours at Compliance:
 Method of Compliance:

 Next Due Date/Hours:
 N/A by Prop Mfg date, Blade s/n's.
 Name: Scott Reilly

 Signature
 Cert#: 3361801IA

Appliance: Avionics - Navigational

AD#	Category	Subject	Amdt #	Eff Date	Recurring
22-03-15	Appliance	Garmin EFIS Fuel Quantity Disparities	39-21932	03/21/22	
Date/Hours at Compliance: Next Due Date/Hours:		Method of Compliance:			
		N/A Affected STC not installed.		Name: Bryan M Wood	
		Signature		Cert#: A&P32	216290IA

Appliance: Propeller - Governors

AD#	Category	Subject	Amdt #	Eff Date	Recurring
20-19-06	Appliance	Governor - Variant Idler Gear Bearing PN A-20028	39-21248	11/03/20	
Date/Hours at Compliance:		Method of Compliance:			
11-16-2022/Flt Hr:345.1		C/W by Governor Overhaul.			
Next Due Date/Hours:		Model C290D3-R/T23, s/n:170465.		Name: Bryan M Wood	
		Signalan		Cert#: A&P3216290IA	