ENGINE LOG BOOK



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 bulletins 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 1-251-438-8299 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: **Mattituck Services** 410 Airway Drive Mattituck, NY 11952 USA

USE ONLY FUEL CONFORMING TO ASTM D910 USE OF AUTOMOTIVE FUEL IS PROHIBITED



Continental Motors, Inc.

Production Certificate 508

Printed:

7/10/2012

the original engine to Test Date: using histor 6/29/2012 is information recorded

This engine model TSI0550C11B, serial number 1006767 was rebuilt by 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 **Continental Motors Service Bulletins.**

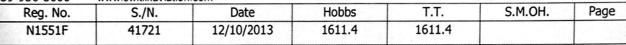
	Total Time		Overhaul		Engine Service and Maintenance Recor				
Date	Hours	Hours Min		Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives Special Inspections, Modifications and Service Bulletins				
	2		1						
					AVIATION				
	9200 Avi	ation Bl	vd. NW - 0	Concord,	NC 28027 - Voice (704) 784-3591 - Fax (704) 782-4772				
	08 OCT 20	012	ENGINE S	S/N: 10067	67 N1551F ETT: 0.0 HOBBS & AFTT: 1,509.8				
		AIRCRA AND PEI	FT N1551F	S/N: 4172 GROUND	REMAN ENGINE MODEL TSIO-550-C11B, S/N: 1006767 ON EL. SERVICED ENGINE WITH 8 QTS A.S. 100 MINERAL OIL PRUN IAW TCM SERVICE BULLETIN M89-7R1. OPS CHECK D.				
	THE MAI	INTENAT	NCE IDEN RETURN	TIFIED A FO SERV	BOVE HAS BEEN INSPECTED AND THE ITEM(S) IS/ARE ICE, UNDER W.O. 7517.				
			12		FOR SPITFIRE AVIATION, INC.				
		1 =	8	>	REPAIR STATION NO. S1FR993Y				
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onunental 13	fuel injection	n: 10067 1 system naine, pro	(ref. TCM) opeller or a	SID97-3e ppliance	S/N: 44721 Hobbs: 1509.8 Description: Ground operation and leak checks were performed and no leaks noted. The dentified above was repaired and inspected in accordance with current approved for return to service. Pertinent details of the repair are on file at the ct-2012.				
gulations of t pair station u GNED:	the Federal A under Shop C	Taple	20235, Da						
gulations of topair station upon the GNED:	the Federal A under Shop C AA CRS PP	16176 4R448M	20233, 08	Burlingtor	n, NC 27215				
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gulations of the pair station upon the graph of the graph	the Federal A under Shop C AA CRS PP Inc. 3439 Sc	4R448M buth Avia	tion Drive, m Cruise Av 600 Hwy. 4	viation LLC	C/ DBA Willmar Air Service Ilmar MN, 56201				
gulations of the pair station upon the pair station upon the pair station upon the pair station of the pai	AA CRS PP Inc. 3439 Sc	R448M buth Avia Maximu 6	tion Drive, m Cruise Av 600 Hwy. 4	Viation LLC 0 West Wi 100N E N1551F	C/ DBA Willmar Air Service Illmar MN, 56201 Y				
gulations of the pair station of the pair station, and Aviation, and Service of the plugs, gapp with new pengine and inspected Line station of the pair station of the	AA CRS PP4 Inc. 3439 Sc Inc. 3439 Sc	Maximu 6 Maximu 6 Maximu 6 Maximu 6 Maximu 6 Maximu 6 Maximu 6	tion Drive, m Cruise Av 600 Hwy. 4 En Engine eadings #1 7 W-50 type N mags and co with new ga prop, hub, s p and leak c	Viation LLC 0 West Wi 10 O N E N1551F gine TT 19 me since ne 11/80 #2 72 M. Cut and onsfirmed ting spinner, and heck comp	C/ DBA Willmar Air Service Illmar MN, 56201 Y				

	Total	Total Time		ice Last haul	Engine Service and Maintenance Recor	
Date	Hours Min Hours Min ii		Min	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Carried forwa	rd —	→			As .	
					Aviation LLC/ DBA Willmar Air Service 40 West Willmar MN, 56201	
	7/12/2013 Hobbs Time	1549.1			MOONEY NI55IF	
					h 8 Qts Phillips XC20W-50 and Champion CH48108-1 filter. Cut and nants noted. Engine was washed and run-up/ leak check completed.	
	Brian Negen A&P471130					

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY) 207 Danley Drive Fort Myers, Florida 33907

239-936-3666 www.switlikaviation.com



Changed oil and filter. Aeroshell 15W50 oil. Inspected engine installation and exhaust system. Ground run and leak checked.

Edward Switlik IA2197076



Florida Flight Maintenance, Inc. 160 E. Airport Ave Venice, FL 34285 941-485-1149

DATE

04-01-2014

TACH

1818.6

Ran engine remove cowling, drain oil, check oil screen, clean gap and test spark plugs, compressions were 76/80 or more in all cylinders. Degreased lube and inspect per checklist. Service engine with Aeroshell 15W50 oil. Run for leak operations checklist.

AP 3397572

JUAN GUTIERREZ



Over 15 years experience
Certified Airframe & Powerplant Technician
Inspector's Authorization
E-mail:pasembjod auroxystation.com
(320)843-4461

May 22, 2015 Cessna N1551F S/N 41721 Hobbs 1630.7

100 Hour Engine & Propeller Inspection. Compression test as follows. #1 72 #2 72 #3 66 #4 62 #5 58 #6 70/80. Oil and filter change. Added 8 qts Phillips XC, installed a new AA48108 filter. No metal in old filter. Magnetos timed as per data plate. Service spark plugs. Installed two new fine wire plugs in #1 cyl. Inspected exhaust system and turbo Chargers. Installed new Air filter. Inspected blades, spinner and hub. Dressed blades as required. Engine run up and set up completed as per Mooney Service Manual and TCM SID 97-3F. I hereby certify that this Engine & Propeller have been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition.

Hobbs 1630.7 ATT 1630.7 ETT 120.9 PT&N 120.9 10/12 Jason E Doscher A&P3271591 Jason E. Doscher JED - AIRE AVIATION, LLC Over 15 years experience ied Airframe & Powerplant Technician Inspector's Authorization (320)843-4461 June 18, 2016 Cessna N1551F S/N 41721 Hobbs 1673.4 100 Hour Engine & Propeller Inspection. Compression test as follows #1 72 #2 68 #3 64 #4 72 #5 72 #6 69/80. Oil and filter change. 9 qts Phillips XC, installed a new AA48108 filter. No metal in old filter. Magnetos timed as per data plate. Service spark plugs. Inspected exhaust system and turbo Chargers. Installed new Air filter. Installed new oil pressure transducer fitting as per TCM CSB15-2C. Inspected blades, spinner and hub. Dressed blades as required. Engine run up and set up completed as per Mooney Service Manual and TCM SID 97-3F. I hereby certify that this Engine & Propeller have been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition. Hobbs 1673.4 ATT 1673.4 ETT 163.6 PXT 163.6 10/12 Jason E Doscher A&P3271591

*SANTA FE AERO SERVICES

Engine Log

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 11/29/16 Make: TGM	Model: TSIO-550-C11B S/N: 1006767
the state of the s	TTAF: 1694.0
	D, DRAINED OIL AND REMOVED OLD
NOTED. INSTALLED NEW CH48108-1	ECT FOR CONTAMINANTS, NO DEFECTS FILTER TOROUGH AND SAFTIFD AS
	H 7 QTS. PHILLPS X/C20W-50. GROUND RAN
ENGINE OPS AND LEAK CHECK SAT	
Genardo Ontiveros Bennha Ont	A&P2819356
	TO STATE OF THE ST
	5
Work accomplished at Santa Fe Aero Ser	rvices, LLC. Reference work order # SO-16-0601
& SANTA FE	
N1551E	SERVICES Engine Log
ALINO	JLIVICES DECEMBER OF THE PROPERTY OF THE PROPE
	MAINTEN MAINTENANCE
121 Aviation Dr Bl	dg 4002 • Santa Fe NM 87507
Date: 7/17/2017 Make: TCM	Model: TSIO-550-C11B
Tach: N/A Hobbs: 1718.5 C/W A 100 HOUR INSPECTION IAW FAR4:	B APPENDIX D ITEMS AND REFERENCING TCM MM.
RESEARCHED AD'S THROUGH 7/15/2017.	•
	#2 66/80 #3 64/80 #4 65/80 #5 67/80 #6 70/80 MO 43/80. NSTALLED NEW CH48108-1 FILTER AND SERVICED
ENGINE WITH 9 QTS. X/C20W-50. SAMI	PLE TAKEN AT THIS TIME. CUT OPEN OLD FILTER
TO INSPECT FOR CONTAMINANTS, NO	
 PRESSURIZED EXHAUST TO INSPECT INSTALLED NEW INDUCTION FILTER 	
 RETIMED MAGNETOS TO 24° BTDC PE 	
 INSTALLED NEW A/C COMPRESSOR D INSTALLED NEW REIFF PREHEATER S 	
GROUND RAN ENGINE OPS AND LEAK	CHECK SATISFACTORY.
This Engine has been inspected IAW a 100 l condition and is approved for return to service.	Hour Inspection and has been determined to be in airworthy
Gerardo Ontiveros	A&P2819356IA
7000000	. 0.0
Work accomplished at Santa Fe Aero S	ervices, LLC. Reference work order # SO-17-0214
↑ SANTA FE	
	SERVICES Engine Log
ALKO	JERVICES WOOM
	MAINTENANCE MAINTENANCE
121 Aviation Dr. • B	ldg 4002 • Santa Fe NM 87507
Date:08/24/2017 Make: TCM	Model: TSIO-550-C11B S/N: 1006767
Tach: N/A Hobbs:1718.6	Secretary of the secret
REMOVED SOLDERED PINS, SP.	LICED IN A INCHES OF 19 AWC TO MAD
THE CONTRACT OF THE CONTRACT O	SHRINK, AND INSTALLED 3 NEW PINS
	SHRINK, AND INSTALLED 3 NEW PINS ECTOR AND VERIFIED MAP READING.
MAP READING 24.5 IN.HG. OPS	SHRINK, AND INSTALLED 3 NEW PINS ECTOR AND VERIFIED MAP READING. CHECK GOOD. INSTALLED LOOM ON
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MAP READING 24.5 IN.HG. OPS HARNES, SAFETIED AS REQUIR	SHRINK, AND INSTALLED 3 NEW PINS ECTOR AND VERIFIED MAP READING. CHECK GOOD. INSTALLED LOOM ON

'aintenance Record ing engine part removal and ections, Airworthiness Directives, **Service Bulletins**

N1551F

♦ SANTA FE AERO SERVICES

Engine Log

laintenance Record

ling engine part removal and ections, Airworthiness Directives,

Service Bulletins

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

January July 1002 Julia 16 Mil 67 307							
Date: 3/8/18 Make: TCM	Model: TSIO-550-C11B S/N: 1006767	1					
Hobbs: 1739.7	TTAF: 1739.7						
PERFORMED ENGINE OIL CHANG	GED, DRAINED O!L AND REMOVED OLD						
FILTER, CUT FILTER OPEN TO IN	SPECT FOR CONTAMINANTS, NO DEFECTS						
	08-1 FILTER, TORQUED AND SAFTIED AS						
REQUIRED. SERVICED ENGINE V	NITH 7 QTS. PHILLPS X/C20W-50. GROUND RA	٨N					

Arturo Torres A&P2834035

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SC-18-0102

N1551F

♦ SANTA FE

ENGINE OPS AND LEAK CHECK SATISFACTORY.

Engine Log

AERO SERVICES

MAINTI NANCI

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 6/18/2018 Make: TCM Model: TSIO-550-C11B S/N: 1006767

TSN: 231.8 Tach: N/A Hobbs: 1741.6

GAINED ACCESS TO AND REMOVED ENGINE DRIVEN FUEL PUMP P/N R 649368-60A3 S/N E12FA089R AND INSTALLED NEW PUMP P/N 649368-60A4 S/N B17EA094 WITH NEW CASKET P/N 649982. RECONNECTED LINES AND CHECKED FOR LEAKS. ADJUSTED FUEL PRESSURE PARAMETERS PER SID97-3F AND CONTINENTAL STANDARD PRACTICES MANUAL. ADJUST ENGINE PARAMETERS: MAP, IDLE, IDLE MIXTURE, AND FULL STATIC RPM AS REQUIRED. REMOVED MASTER GAUGES AND RECONNECTED LINES LEAK CHECK

SATISFACTORY.

Gerardo Ontiveros

A&P2819356IA

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-18-0201



(320)843-4461

August 13, 2018 Cessna N1551F S/N 41721 Hobbs 1748.9

100 Hour Engine & Propeller Inspection. Compression test as follows #1 74 #2 70 #3 66 #4 70 #5 71 #6 71/80. Oil and filter change. 9 qts Phillips XC, installed a new AA48108 filter. No metal in old filter. Magnetos timed as per data plate. Service spark plugs. Inspected exhaust system and turbo Chargers. Installed new Air filter. Inspected blades, spinner and hub. Dressed blades as required. Engine run up and set up completed as per Mooney Service Manual and TCM SID 97-3F. I hereby certify that this Engine & Propeller have been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition.

Hobbs 1748	O ATT 1	749 0 ET	T 220 1	DZZ 230	1 10/12
10000S 1748	.9 A I I I	748.9 E L	I Z39.1	<i>₽V</i> IZ39	1 10/12

	Jason E Doscher A&P3271591									
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	Total	Time		nce Last rhaul	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
Carried forward -		→			
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Au	anced iation	جند	ana Dia		C
, , , ,	••••••	SA	ero Plaz	a New	v Century, KS 66031 Phone: 913-768-1500
Date: 1	1/13//201	8	N15	551F	Hobbs: 1775.7 Engine Logbook
Drained and ser	the engin	e oil and	removed t	the oil filt Phillips	ter. Installed a new engine oil filter P/N: AA48110-2 20W-50 XC. No leaks noted.
1	- /	Qu	ره		Name: Tim Bius A&P# 3038900
A	lvance tviatio	d			
7	tviatio	tor 5	Aero Pl	aza N	lew Century, KS 66031 Phone: 913-768-1500
Date	: 06/04/20	119	NI	1551F	Hobbs: 1801.2 Engine Logbook
Drai	ned the en	oine oil o	nd ramaya	ed the oil	filter. Installed a new engine oil filter P/N: AA48110-2
and:	serviced th	e engine	with 8 qua	rts Phillip	ps 20W-50 XC. No leaks noted. Disconnected #3 & #5
					harnesses and swapped probe locations. Advised owner to e air door inspected at home maintenance facility.
nave			-		e air door inspected at nome maintenance facility.
	/	~	Bus		Name: Tim Bius A&P# 3038900
		1	1	1	
N1551F		6/24/20			Tach- 1815.4
l.			usted mag		
3.			at #1 and		nders.
	Aviation	n, Inc.	111	111	Chad Dawson —
	75 Road o 81416	(///w		A&P3432546 970-874-5181
Delta	, 01410	-1		1	7/0-0/4-5101
N1551F		07/01/20			Tach- 1824.2
1. Smiling		T			using 7qts of Phillips X/C 20W50.
870 15.7		, inc.	Mul	1/1/	Chad Dawson
Delta Co			yeew		970-874-5181
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Date Hours Min		Time Since Overha			Engine Service and Maintenance Reco	ora
		Hours	Min	Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Direct Special Inspections, Modifications and Service Bulletins	and ives,	
Carried forward	-	-				·
N1551F	09/24/	/2019	Hobbs-	- 1871.6	TSMOH-361.8	
Performed a 10	0 hr Inspec	ction in a			R 43 appendix "D".	
1. Compres	sion Tested	d; #1-65	/80, #2-65	5/80, #3-	-64/80, #4- 65/80, #5- 66/80, #6- 58/80.	
2. Changed	oil and filt	er using	a CH481	09-1 filt	ter and 7 qts 20W50 Phillips XC oil. Sample taken.	
3. Cleaned	ind gapped	l spark r	olugs.		as and a que as were a minipo Ace on Sample taken.	
	#1 CHT p					
5. Removed	fuel pump	and ins	stalled after	er repair	by western skyways.	
6. Replaced	rocker cov	ver gask	ets.		,	
	loose Ade			e mount		F
8. Replaced	right turbo	inlet g	asket.			
9. Removed	zip ties an	id instal	led Adel c	lamps o	n #6 fuel injection line to intake.	
10. Installed	new line fr	om thro	ttle contro	ol to was	tegate controller.	
Replaced	rivets in fr	ront righ	t baffle se	al.		
12. Stop drill						
13. Tightened	l upper dec	k sleeve	e nut on #2	2 cylind	er.	
Replaced	alternator	belt with	h new. Du	ie @ 387	71.60 or 9/2024	
I certify this en-	gine was ins	spected in	accordanc	e with a	100 hr Inspection and was determined to be in an airworthy condition.	
Carry uns chi	n Inc	1	1 11	1 1 1 1 1	Chad Dawson	
Smiling Aviation 870 15.75 Road		1. 1	///	1	A&P 3432546	

N1551F **Cook Process Solutions LLC** Cessna 400 S/N 41721



DATE: 1/21/20 HOBBS: 1929.3 TSMOH: 419.5 WO# 1627

AIRFRAME

- 1. Drained oil, replaced filter with new P/N CH48109-1 and serviced with 7 quarts of Philips 20W50 XC in accordance with Cessna 400 Maintenance Manual.
- 2. Performed unmetered fuel pressure adjustment in accordance with Continental Standard Practice Manual for TSIO-550C and Cessna 400 Maintenance Manual. Adjusted 600 RPM pressure from 8 to 9 psi and 2600 RPM pressure from 20 to 27 psi.

THIS AID OD A ST HAS DEEN DETUDNED TO SERVICE DV

THIS AIRCRAFT HAS BEEN	ETURNED TO SERVICE BY:	
JANSON FINKBEINER	A&P 3241811	
N1551F 06/05/2020 1. Removed cowling and ch	Hobbs 1696.60 ked metered and unmetered fuel flows. All within limits. Adjusted engine	e rpms up.
Smiling Aviation, Inc. 870 15.75 Road Delta Co 81416	Chad Dawson A&P3432546 970-874-5181	o ipilio opi
N1551F 07/01/20 1. Adjusted metered Smiling Aviation, Inc. 870 15.75 Road Delta Co 81416	Hobbs 1970.00 Ind unmetered fuel flows in accordance with maintenance manual. Chad Dawson - A&P3432546	

Record N1551F Date 8/11/2020 Hobbs 1975.50 Changed oil and filter with 7 quarts Phillips 20/50 and CH 48109-1. Sample taken. Smiling Aviation, Inc. moval and Chad Dawson 870 15.75 Road **Directives** A&P3432546 Delta Co 81416 970-874-5181 N1551F DATE 10/06/2020 Tach- 1986.30 TSMOH- 476.50 Performed a 100 hr Inspection in accordance with FAR 43 appendix "D". Compression Tested; #1-72/80, #2-70/80, #3-70/80, #4-70/80, #5-72/80, #6-70/80. Changed oil and filter using a CH 48109-1 filter and 7qts Phillips 20/50Oil. Sample taken. 2. 3. Replaced ignition harness. Installed silicone on lower side of oil pan to prevent turbo oil lines from chafing. 4. Installed new o-ring on starter and re-installed. Stop drilled crack in oil cooler bracket at outboard baffle mount. 6. Installed induction filter. 7. 8. Replaced left alternator. 9. Re torqued fitting and line at oil cooler T-fitting. 10. Replaced spark plugs. 11. Installed new EGT probe on #6 cylinder. I certify this engine was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition. Smiling Aviation, Inc. Steven A. Charlesworth 870 15.75 Road A&P3659378 **Delta Co 81416** 970-874-5181 **ENGINE LOGBOOK ENTRY** Tach: 2036.3 N1551F 07/16/2021 Completed 100 hour inspection per Appendix D to Part 43. Compressions as follows: #1-72/80, #2-56/80, #3-56/80, #4-70/80, #5-66/80, #6-58/80. Master orifice: 44. Changed oil and filter. Serviced with 8 quarts Phillips X/C 20W50 and CH48109-1 filter. Washed, ran up and leak checked. AD 2020-16-11 (cylinder inspection) does not apply due to installation date. SEL-71-10 (flanged nuts) does not apply to installed nuts. Installed overhauled fuel pump S/N B04JA184 and set up fuel system per M-0. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 23991. I certify that this engine has been rate) TPO hr. inspection and was determined to be in an airworthy condition. inspected in accordance with Rite-Way Aviation, Inc Repair Station YWYR832L 7814 Eagle Lane, Spring, TX 77379 1410 Jet Stream Drive, Suite 100 A/C Reg: N1551F Henderson, NV 89052 AVIATION Phone: 702-735-2739 A/C SN: 41721 WO: N1551F-MXP-5519 CRS: 9VNR950B A/C TT: UNK Engine: Continental TSIO 550-C Engine SN: 1006767 HOBBS: 2055.1 Removed and replaced starter drive motor assy with new unit P# 658741 Serial # installed H-U071004 from Continental Motors Inc. See 8130 Attached IAW Continental Engine maintenance manual chapter 8-5. Operationally checked and found OK. I certify that this Engine has been maintained in accordance with the manufacturer's maintenance manual and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5519. Richard A. Wengjen:

APE	1410 Jet Stream Drive, Suite 100 Henderson, NV 89052	A/C Reg: N1551F
AVIATION	Phone: 702-735-2739	A/C SN:41721
CRS: 9VNR950B	WO: N1551F-MXP-5609	A/C Hobbs: 2087.5
Engine: TSIO-550-C	Engine SN:1006767	ENG.TTSN: UNK

Removed and replaced engine oil cooler assy P# 800440 S# installed 40821253 (see 8130 attached), IAW Continental Motors MM Chapter 17, sect 17-6. Removed and replaced Cyl #2 exhaust push rod seals and Cyl #4 intake pushrod seals with new IAW Continental Motors MM Chapter 17, Sect 17-3. Changed oil and filter P# CH48109-1 and serviced with 12 qts 20W50 Phillips XC oil. Test ran and leak checked and found OK.

I certify that this Engine has been maintained in accordance with the manufacturer's maintenance manual and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5609.

Richard A. Wengjen:

10/8/2021

APEX	1410 Jet Stream Drive, Suite 100	A/C Reg: N1551F
AVIATION	Henderson, NV 89052 Phone: 702-735-2739	A/C SN: 41721
CRS: 9VNR950B	WO: N1551F-MXP-5680	A/C TT: UNK
Date: 10/29/2021	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tach: 2100.5

Performed Cessna SEL-24-11 Continental Aerospace Technologies CSB19-06 (Hartzell Engine Technologies Alert SB 081 Rev A) and determined to be not applicable to unit installed on engine (P# R-646845). No further action required.

I certify that this Aircraft has been maintained in accordance with manufacturers M/M and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5680

Richard A. Wengjen

APEN	1410 Jet Stream Drive, Suite 100 Henderson, NV 89052	A/C Reg: N1551F	
AVIATION	Phone: 702-735-2739	A/C SN: 41721	
CRS: 9VNR950B	WO: N1551F-MXP-5833	Hobbs & A/C TT: 2151.7	
Engine: TSIO-550-C11B	Engine SN: 1006767	ETTSRem: 641.9	

Changed oil and filter P# CH 48109-1 Inspected filter OK. Serviced engine with 8 Qts 20W50 Phillips oil. IAW Cessna AMM 12-10-00. Removed and cleaned and checked all spark plugs IAW Champion Aerospace Bulletin 16-001. Reinstalled wit new gaskets and secured. Performed operational test ran and check and found no leaks IAW Cessna POH Sect 4 Pg 4-7. OK. Disassembled and checked and cleaned fuel supply bowl IAW Cessna AMM 12-00-00. No defects found OK. Removed and replaced induction air filter with new P# BA345E, NSN, IAW Cessna MM 71-60-00. Performed operational check and found OK.

I certify that this Engine has been maintained in accordance with the manufacturer's maintenance manual and the requirements of 14 CFR Part 43 and with respect to the work performed is airworthy. Pertinent details are on file under W/O# 5833.

Richard A. Wengjen:

2/8/2022

9

removal and ss Directives.

Total Time		Time	Time Since Last Overhaul		Record maintenance actions including engine part removal			
Date Hours Min Ho			Hours	Min				
ried forward	O	-						
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		*		1410 let	Stream Drive, Suite 100	A/C Dog: NISSIE		
API	ATIO	0 12		Henderso	on, NV 89052 02-735-2739	A/C Reg: N1551F A/C SN:41721		
CRS: 9V	NR950B				N1551F-MXP-6033	A/C 3N:41721 A/C Tach: 2193.3		
	Continental	TSIO-5	50-C		SN: 1006767	ENG.TTSN: UNK		
I certify the requirement under W/O	at this Engine ats of 14 CFR # 6033.	has been	maintained	l in accorda	dessna AMM 77-20- ance with the manufactur work performed is airwo	00. Found OK. er's maintenance manual and the rthy. Pertinent details are on file		
Richard A.	Wengjen:	/h	10/		4/29/2022			
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		×	Т	1410 let S	stream Drive, Suite 100	A/C Reg: N1551F		
AP	EXT		Hender		n, NV 89052	A/C SN: 41721		
	,			Phone: 702-735-2739		g the magazine and the action of		
				N: 1006767	ETSMOH: Rem: 626.3 Position: NA			
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Make:	Continental			Reg No.:	N1551F
Model:	TSIO-550-C			Date:	1/13/2023
erial No.:	1006767	AV	ANCOCK I A T I O N	W/O No.:	1945
AFTT: 2210.4		ENGINE N	MAINTENANCE ENTRY	Hobbs:	2210.4
		TSFRM:			
		700.6	2		,
		Descriptio	n of Work Accomplish	ed.	
Jork Compl	eted:	i		,	
	Hot Compress	sion Check as	s follows: #1=65/80, #2	2=66/80, #3=56	/80, #4=58/80
Performed	Oil & Filter Ch	ange Draine	d Oil & Cut Filter. Sent	Sample to Blad	kstone for

Phillips X/C 20W50.

* Removed all spark plugs cleaned, gapped, and reinstalled with new gaskets.

* Removed, cleaned, and reinstalled fuel injectors.

Inspections Completed:

* Complied with Engine **100HR/Annual Inspection** IAW manufacturer's instructions and current FARs.

analysis. No Metal noted in filter. Installed new Oil Filter P/N: AA48109 & serviced with

- * C/W AD **16-16-12** AEC/CMI Cylinder Assemblies. Found to Not Apply. No Further Action Required.
- * C/W AD 16-21-04 Oil Cooler Cross Fitting. Found to Not Apply. No Further Action Required.
- * C/W AD **20-16-11** Cross-Flow Cylinder Assembly Fractures. Found to Not Apply. No Further Action Required.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

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Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC^{*} 4409 Chuck Yeager Avenue Baton Rouge, LA 70807 Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com Web: www.hancockaviation.com

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3 and 1	Continental				Reg No.:	N1551F	
Make:					Date:	6/23/2023	
Model:	TSIO-550-C					2112	
Serial No.:	1006767	AV	NCOCK		W/O No.:		
AFTT:	2259.5	ENGINE M	ALES I SERVICE	NTRY	Hobbs:	2259.5	
		TSFRM: 749.7	y				_

Description of Work Accomplished.

Work Completed:

- * Performed Oil & Filter Change. Drained Oil & Cut Filter. Sent Sample to Blackstone for analysis. No Metal noted in filter. Installed new Oil Filter P/N: AA48109 & serviced with Phillips X/C 20W50.
- * Removed Magnetos P/N: 10-500556-101 S/N: D12FA040 & P/N: BL-500556-101 S/N: D12FA019R for 500 Hour Inspection by Aircraft Accessories of Oklahoma. Reinstalled same magnetos after repair with new gaskets. Timed per MM. Ops Check OK. 500 Hour Next Due: 2759.5 AFTT.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

A B (werett

Authorized Signature

Hancock Aviation LLC 4409 Chuck Yeager Avenue Baton Rouge, LA 70807

Joseph B Averett 2740243 IA/AP

Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com Web: www.hancockaviation.com

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Make:	Continental				Reg No.:	N1551F	
Model:	TSIO-550-C				Date:	2/29/2024	
Serial No.:	1006767	A \	ANCOC	W/O No.:	2317		
AFTT:	2271.9	ENGINE MAINTENANCE ENTRY			Hobbs:	2271.9	
		TSFRM: 762.1					

Description of Work Accomplished.

Work Completed:

- * Completed Hot Compression Check as follows: #1=70/80, #2=68/80, #3=66/80, #4=70/80, #5=66/80, #6=64/80
- * Performed Oil & Filter Change. Drained Oil & Cut Filter. Sent Sample to Blackstone for analysis. No Metal noted in filter. Installed new Oil Filter P/N: AA48109 & serviced with Phillips X/C 20W50.
- * Removed all spark plugs cleaned, gapped, and reinstalled with new gaskets.
- * Removed, cleaned, and reinstalled fuel injectors.

Inspections Completed:

- * Complied with Engine 100HR/Annual Inspection IAW manufacturer's instructions and current FARs
- * C/W AD 23-02-12 Intake Valve Failures. Found to be N/A. No Further Action Required.
- * C/W AD **23-05-16** Crankshaft Counterweight Retaining Rings. Found to be N/A. No Further Action Required.
- * C/W AD 23-09-09 Exhaust Tailpipe V-Band Coupling. Found to be N/A by Clamp P/N. No Further Action Required

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

A B (west)

Authorized	Signature

Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC 4409 Chuck Yeager Avenue Baton Rouge, LA 70807 Phone: (225) 800-2359 Fax: (225) 224-6211
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