## ENGINE LOG BOOK



	Total	Time		nce Last rhaul	Engine Service and Maintenance Rec
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
7777 NE Airport Portland, Oregon	97218				FLIGHTCRAF
FAA CRS#: FCP	R831D				CAL 1007292
Log Entry Type:	Engin	e	Reg#:	N72AD	Model: TCM 10-550-K1B S/N: 1007382
Flight /Hobbs Me	eter: 82.0	)/97.2			
Following repair:	s accomplis	shed:			
Sak Work Per	rformed				ti and for any abnormal debris, none found. Took oil sample
and sent in	for analysis	s. Install r	new filter l	A/W Cirr	and inspected for any abnormal debris, none found. Took oil sample 108-1. Serviced engine with 8 quarts of Aeroshell 15w-50 oil. Ran up us SR22T M.M. Ch. 12-10, Rev. B4.
accordance with the approved for return	ne manufact	urer's sp	ecification	is and curi	ent redetal Aviation rem
Flightcraft Portland	n to service	mnezin	. (1)	C A	Date: 04/18/2013
Flightcraft Portlan	d CRS# FC	PK831D	Dani	el R. Rice	for CRS# FCPR831D
7777 NE Airport Portland, Oregon FAA CRS#: FCP	97218				Model: TCM IO-550-K1B S/N: 1007382
Log Entry Type:	Engin	e	Reg#:	N72AD	Model: _TCM IO-550-K1B
Flight /Hobbs Me		/145.1			
Following repairs					
					Took oil sample
and sent in	for analysis	. Install I	new filter.	/A/W Ciri	r and inspected for any abnormal debris, none found. Took oil sample 108-1. Serviced engine with 8 quarts of Aeroshell 15w-50 oil. Ran up rus SR22T M.M. Ch. 12-10, Rev. B4.
and the same of th	only work	k reques	ted by the	e custome	er under W.O.#: PDX-13-905 was accomplished and hisperted are trent Federal Aviation Administration regulations, is airworthy, and is
				2	Mile Date: 07/09/13
Flightcraft Portland	CRS# FC	PROSID	Dani	el R. Rice	for CRS# FCPR831D
77 NE Airport Way rtland, Oregon 97218					FLIGHTCRAFT
A CRS#: FCPR831D					
Entry Type: En	gine	Reg#	: N72A	.D	Model:TCM IO-550-K1B S/N:1007382
	32.9/200.7	_			
ht/Hobbs: 2					
ht/Hobbs: 2 owing repairs accomp	plished:				
owing repairs accomp  Work Performed					
owing repairs accomp Work Performed Drained engine oil a and sent in for analy	and remove	new filte	er P/N CH	48108-1.	spected for any abnormal debris, none found. Took oil sample Serviced engine with 8 quarts of Aeroshell 15w-50 oil. Ran up
Work Performed Drained engine oil a and sent in for analy engine, no leaks not certifies that only with the manuf	and remove vsis. Install ed. Work p ork reques acturer's s	new filte performed sted by to pecification	er P/N CH d I/A/W C the custor ions and c	48108-1. Cirrus SR2 mer under current Fe	Serviced engine with 8 quarts of Aeroshell 15w-50 on. Ran up (2T M.M. Ch. 12-10, Rev. B4.  W.O.#: PDX-13-1197 was accomplished and inspected in deral Aviation Administration regulations, is airworthy, and is
Work Performed Drained engine oil a and sent in for analy engine, no leaks not certifies that only w	and remove sis. Install ed. Work p ork reques acturer's s ice with res	new filte performed sted by t pecification spect for	er P/N CH d I/A/W C the custor ions and c	48108-1. Cirrus SR2 mer under current Fe	Serviced engine with 8 quarts of Aeroshell 15w-50 oil. Rail up 2T M.M. Ch. 12-10, Rev. B4.  W.O.#: PDX-13-1197 was accomplished and inspected in deral Aviation Administration regulations, is airworthy, and is

uant

0 K



Log E	Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
	Hobbs:	250	0.2	Flight:	215			
Compl	lied with the	following in	nspection item.	s:				
Sqk	Work Perfo	rmed						
1.1			nspection IAW FA	R Part 43, Appendix	D using Cirrus SR2	2T Scheduled Inspection Re	eport MM Rev.	B4 5-20 as
	Performed oil o	s, none found.	Serviced engine v	N CH48108-1. Took with 8 quarts of Aero	coil sample and sent oshell 15W50 oil. Per	for analysis. Opened filter a formed ground run, no leak	and inspected fo s noted. Work p	r any performed
				/80, #3 56/80, #4 72	2/80, #5 53/80 and #6	75/80.		
2.1	Replaced worn 17 and Cirrus S	alternator mou R22T MM Rev	inting bracket, PN v. B4, Ch. 24-30.	646405 with new IA	W Continental TSIC	0550K Overhaul/Maintenan	ce manual M-13	8, Ch. 17-
				5 due to leakage IAV	W Continental TSIO	50K Overhaul/Maintenance	e manual M-18,	Ch. 17-24
4.3	Adjusted both n	nagnetos to 24	degrees BTC IAW	Cirrus SR22T MM	Rev. B4 Ch. 74-10.	Performed ground run, che	cked good at th	is time.
aircraft h determine	as been inspec	cted in accord worthy condi	dance with FAR tion with respec	file at this agency Part 43, Appendix t to the work perfo	D, current federa	DX-14-1282. I certify that a viation regulations and ate: 01/24/2014	t this d was	
- nge.			V 002	Daniel E Rackle	M	01/21/2011		
			,	James E Rackie	111			
Portlan	IE Airport Wa d, Oregon 972 RS#: FCPR83	218					FLIG	HTCRA
Log Er	ntry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
	Hobbs:	291	.6	Flight: _	250.2	:		
Compli	ied with the j	following in	spection items	s:				
Sqk	Work Perfor	rmed						
	Replaced worn	alternator mou	unting bracket, PN v. B4, Ch. 24-30.	646405 with new L	AW Continental TSI	O550K Overhaul/Maintena	nce manual M-	18, Ch. 17-
This cert accordan is approv	ifies that only ce with the manded for return t	work reques anufacturer's to service wit	sted by the custo	work performed.	END.	vas accomplished and insistration regulations, is a Date: 06/03/2014	spected in airworthy, and	
				Daniel E Rackle	efb			
	-1	1						
				1	7			
				1,151			_/	
			161					
			7					
			,			/		
		1			/_			

FLIGHTCRAFT

	A CRS#. I CI No.	P	Reg#:	N72AD	Model:	TSIO550K1I	3 S/N	N:1007382
Lo	g Entry Type:		Kegii.	Flight:	310.6	5		
	Hobbs:	362.2		_				
Cor	mplied with the	following inspe	ection items	S:				
Sqk	Work Perf	ormed	CD22	FAM Pey R5 Ch	5-20. Researched air	worthiness directives	through bi-weel	dy 2015-02. None
1.1	Performed ann outstanding.	ual inspection IAW	Cirrus SR22	CHARLOS 1 Tool	k oil sample and sen	t for analysis. Opened rorned ground run,	filter and inspec	cted for any
	abnormal dehr	is none found. Ser	viced engine v	vith 8 quarts of Aero	oshell 15W50 oil. Pe	t for analysis. Opened erformed ground run,	no leaks noted. \	Nork performed
	IAW Cirrus SI	222T MM Rev. B3	CII. 12-10			( 72/90		
	Penlaced (6ea	) rocker cover gaske	ets, PN 633/0	3 due to leakage			ntenance manuar	WI-18, Ch. 17-15.
4.1	Leak checked	good.				WDDV 15 2206	were performe	d in
This	rdance with Cirru	s SR22T Select I	nspection Pr	ogram as required	by FAR Part 91.	3. # <u>PDX-13-2290</u> 409 ( <del>1) (3). Afr</del> craft	1 15 determined	10
be in	airworthy condit	ion with respect t	O the Mark	J J D	11 /1	Date: 01/28/20		
Fligh	ntcraft Portland	CRS# FCPR83	ID: DOM	Daniel E Rackle	eff.			
				Daniel E Rackit				
1	,						FIICH	TCRAFT
7777 NE Ai	rport Way regon 97218						FLIGH	TERAFI
FAA CRS#:	FCPR831D							
	тi	e Reg#	#: N72.	AD Mo	odel: TS	SIO550K1B	S/N:	1007382
Log Entry	Type: _Engin	e Kegr						
Hob	obs:	430.0	_	Flight:	368.7			
Complied w	ith the following	ig inspection it	ems:					
Sqk Work Perfor	med oil change and	d installed new filte	r P/N CH481	09-1. Took oil sam	ple and sent for ana	lysis. Opened filter a nard addative. Perform	nd inspected for med ground run	any , no leaks
matad	Work performed I	AW Cirrus SR221	MM Kev. Bo	Cn. 12-10				
		11 11	-tomor und	or WO # PDX-1	15-3477 was acco	mplished and insponential megulations, is ai	ected in rworthy.	
cordance wi	th the manufacturd for return to se	rer's specification	t to the wor	k performed. EN	D <sub>1</sub>	.,		
	ortland CRS# F	()	DIME. V	9 Park	Date:	08/25/2015		
ighteratt i c	Triana Cris	100	Daniel I	E Rackleff	VI			
						/		
				7	)			
				1				
				150				/
				<u> </u>				/
/-							/_	
		,	1					
		10						



	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
Carried forward —		-			

7777 NE Airport Way Portland, Oregon 97218

FLIGHTCRAFT

Hobbs: 456.1   Flight: 390.8	Log Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N	:1007
Complied with Continental Motors Critical Service Bulletin CSB15-2C Rev. C by replacing oil cooler cross fitting with new P/N 658607 Continental Motors Critical Service Bulletin CSB15-2C Rev. C Performed ground run, no leaks noted.  This certifies that only work requested by the customer under W.O. # PDX-15-3910 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.  Flightcraft Portland CRS# FCPR831D:    Date: 11/24/15	Hobbs:	456.1		Flight:	390.	8		
Complied with Continental Motors Critical Service Bulletin CSB15-2C Rev. C by replacing oil cooler cross fitting with new P/N 658607 Continental Motors Critical Service Bulletin CSB15-2C Rev. C Performed ground run, no leaks noted.  This certifies that only work requested by the customer under W.O. # PDX-15-3910 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.  Flightcraft Portland CRS# FCPR831D:    Date: 11/24/15	Complied with the	following maint	enance ite	ems:				
Completed with Continental Motors Critical Service Bulletin CSB15-2C Rev C by replacing oil cooler cross fitting with new P/N 658607 Continental Motors Critical Service Bulletin CSB15-2C Rev C. Performed ground run, no leaks noted.  This certifies that only work requested by the customer under W.O. # PDX-15-3910 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.  Flightcraft Portland CRS# FCPR831D:  Date: 11/24/15  Joseph Korick  TNE Airport Way rrland, Oregon 97218  A CRS#: FCPR831D  g Entry Type: Engine Reg#: N72AD Model: TSIO550K1B S/N: 100738  Hobbs: 473.7 Flight: 405.6  Replied with the following inspection items:  Work Performed  Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  In details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been tend in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END								
This certifies that only work requested by the customer under W.O. # PDX-15-3910 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.  Flightcraft Portland CRS# FCPR831D:	Complied with	Continental Motors	Critical Serv	rice Bulletin CSB15	-2C Rev. C by repla	cing oil cooler cross fitti	ng with new P/	N 658607 IA
round (Program of Program of Prog	This certifies that only accordance with the mand is approved for re-	work requested be nanufacturer's specturn to service with	by the custom cifications and respect to	mer under W.O. # and current Federa	PDX-15-3910 wal Aviation Admirated. END.	as accomplished and i nistration regulations, i	inspected in is airworthy,	
round (Program of Program of Prog			$\overline{}$	Joseph Korick				
reland, Oregon 97218 A CRS#: FCPR831D  g Entry Type: Engine Reg#: N72AD Model: TSIO550K1B S/N: 100738 Hobbs: 473.7 Flight: 405.6  wellied with the following inspection items:  Work Performed  Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  and details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ted in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016								
reland, Oregon 97218 A CRS#: FCPR831D  g Entry Type: Engine Reg#: N72AD Model: TSIO550K1B S/N: 100738 Hobbs: 473.7 Flight: 405.6  wellied with the following inspection items:  Work Performed  Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  and details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ted in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016			т					
Work Performed  Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ted in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016	LA CRS#: FCPR831D						And the same of th	
Work Performed  Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  Ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been red in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016		gine Re	g#:N	72AD N	/lodel:	TSIO550K1B	S/N:	
Completed annual inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a guide. Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been teed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016	g Entry Type: _Eng		g#:N′			TSIO550K1B	S/N:	
Researched airworthiness directives through bi-weekly 2016-03. None outstanding.  Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ted in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Paraft Portland CRS# FCPR831D:  Date: 02/17/2016	g Entry Type: _Eng	473.7				TSIO550K1B	S/N:	
Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been teed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016	g Entry Type:Eng Hobbs:  nplied with the follow Work Performed	473.7	items:	Flight:	405.6			1007382
abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell 15W50 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T MM Rev. B6 Ch. 12-10  Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been teed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016	g Entry Type: Eng  Hobbs:  mplied with the follow  Work Performed  Completed annual ins	473.7  wing inspection appection IAW FAR P	items:	Flight:	405.6 SR22T Scheduled			1007382
Compression checks as follows: #1 57/80, #2 50/80, #3 38/80, #4 57/80, #5 38/80 and #6 69/80.  Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ted in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Paraft Portland CRS# FCPR831D:  Date: 02/17/2016	g Entry Type: Eng  Hobbs:  mplied with the follow  Work Performed  Completed annual ins Researched airworthin  Performed oil change:	ving inspection  pection IAW FAR P less directives throug and installed new fil	items:  Part 43, Appe gh bi-weekly ter P/N CH4	Flight:  Indix D using Cirrus 2016-03. None out 8109-1. Took oil sa	405.6  SR22T Scheduled standing.	Inspection Report MM I	Rev. B6 5-20 a	1007382
Performed boroscope inspection of cylinders #3 and #5 IAW TCM service bulletin SB03-3. No discrepancies noted at this time.  Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been deed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Date: 02/17/2016	Hobbs:  Mork Performed  Completed annual insp. Researched airworthin  Performed oil change abnormal debris, none	wing inspection appection IAW FAR Pless directives througand installed new fill found. Serviced engineers	art 43, Appe gh bi-weekly ter P/N CH4 gine with 8 q	Flight:  Indix D using Cirrus 2016-03. None out 8109-1. Took oil sa	405.6  SR22T Scheduled standing.	Inspection Report MM I	Rev. B6 5-20 a	1007382
Adjusted both magnetos to 24 degrees BTDC IAW Continental TSIO-550-K Engine Maintenance Manual M-18 Rev July 2015 6-3.9.1.2 Operation checks good.  Ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been seed in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END  Erraft Portland CRS# FCPR831D:  Date: 02/17/2016	Hobbs: Eng  Hobbs: Eng  Work Performed  Completed annual ins, Researched airworthin Performed oil change abnormal debris, none IAW Cirrus SR22T MI	pection IAW FAR P less directives throug and installed new fil found. Serviced en M Rev. B6 Ch. 12-1	art 43, Appe gh bi-weekly ter P/N CH4 gine with 8 q	Flight:  ndix D using Cirrus 2016-03. None out 8109-1. Took oil sa uarts of Aeroshell 1	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform	Inspection Report MM I nalysis. Opened filter an led ground run, no leaks	Rev. B6 5-20 a	1007382
ent details of the work described above are on file at this agency under W.O. #: PDX-16-4186. I certify that this aircraft has been ded in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy on with respect to work performed. END craft Portland CRS# FCPR831D:  Date: 02/17/2016	Hobbs:  Mork Performed Completed annual inspace abnormal debris, none IAW Cirrus SR22T MI Compression checks as	pection IAW FAR Pless directives througand installed new fil found. Serviced en M Rev. B6 Ch. 12-18 follows: #1 57/80,	art 43, Appe gh bi-weekly ter P/N CH4 gine with 8 q 10 #2 50/80, #3	rlight:ndix D using Cirrus 2016-03. None out 8109-1. Took oil sa quarts of Aeroshell 1 38/80, #4 57/80, #5	SR22T Scheduled standing. mple and sent for a 5W50 oil. Perform	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks	Rev. B6 5-20 and inspected for noted. Work possessing the second control of the second c	1007382
craft Portland CRS# FCPR831D: Date: 02/17/2016	Hobbs:  Mork Performed Completed annual inspectation of the complete	pection IAW FAR Press directives througand installed new fil found. Serviced en M Rev. B6 Ch. 12-18 follows: #1 57/80, inspection of cylinder	items:  Fart 43, Appe gh bi-weekly ter P/N CH4 gine with 8 quantities with 8 quantit	ndix D using Cirrus 2016-03. None out 8109-1. Took oil sa warts of Aeroshell 1 38/80, #4 57/80, #5 IAW TCM service	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform. 5 38/80 and #6 69/8 bulletin SB03-3. N	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks	Rev. B6 5-20 a.  Id inspected for noted. Work po	1007382 s a guide.
	Hobbs:  Mork Performed Completed annual insy Researched airworthin Performed oil change abnormal debris, none IAW Cirrus SR22T M Compression checks as Performed boroscope in Adjusted both magneto. Operation checks good. ent details of the work of ted in accordance with	pection IAW FAR P less directives throug and installed new fil found. Serviced eng M Rev. B6 Ch. 12-16 follows: #1 57/80, in spection of cylinde s to 24 degrees BTD described above at FAR Part 43, App	items:  Part 43, Appe gh bi-weekly ter P/N CH4 gine with 8 quality 10 mg/s 250/80, #3 and #5 DC IAW Concre on file at bendix D, co	rdix D using Cirrus 2016-03. None out 8109-1. Took oil sa uuarts of Aeroshell 1 38/80, #4 57/80, #5 IAW TCM service tinental TSIO-550-this agency unde	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform 5 38/80 and #6 69/8 bulletin SB03-3. NK Engine Mainten er W.O. #: PDX-	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks to discrepancies noted at lance Manual M-18 Rev	Rev. B6 5-20 and inspected for noted. Work positions time.  July 2015 6-3.9	s a guide.  any erformed  9.1.2
John B. Willis	Hobbs:  Mork Performed Completed annual instance abnormal debris, none IAW Cirrus SR22T MI Compression checks as Performed boroscope in Adjusted both magneto. Operation checks good. ent details of the work of ted in accordance with a forward property of the control of the con	pection IAW FAR P less directives throug and installed new fil found. Serviced en M Rev. B6 Ch. 12-18 follows: #1 57/80, inspection of cylinde s to 24 degrees BTD described above at FAR Part 43, App is performed. END	items:  Part 43, Appe gh bi-weekly ter P/N CH4 gine with 8 quality 10 mg/s 250/80, #3 and #5 DC IAW Concre on file at bendix D, co	rdix D using Cirrus 2016-03. None out 8109-1. Took oil sa uuarts of Aeroshell 1 38/80, #4 57/80, #5 IAW TCM service tinental TSIO-550-this agency unde	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform 5 38/80 and #6 69/8 bulletin SB03-3. NK Engine Mainten at W.O. #: PDX-ation regulations	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks in a discrepancies noted at leance Manual M-18 Review in the second second in the second second in the second i	Rev. B6 5-20 and inspected for noted. Work positions time.  July 2015 6-3.9	s a guide.  any erformed  9.1.2
	Hobbs:  Mork Performed Completed annual instance abnormal debris, none IAW Cirrus SR22T MI Compression checks as Performed boroscope in Adjusted both magneto. Operation checks good. ent details of the work of ted in accordance with a forward property of the control of the con	pection IAW FAR P less directives throug and installed new fil found. Serviced en M Rev. B6 Ch. 12-18 follows: #1 57/80, inspection of cylinde s to 24 degrees BTD described above at FAR Part 43, App is performed. END	art 43, Appe gh bi-weekly ter P/N CH4 gine with 8 quart 45 50/80, #3 and #5 OC IAW Control on file at pendix D, co	ndix D using Cirrus 2016-03. None out 8109-1. Took oil sa uarts of Aeroshell I 38/80, #4 57/80, #5 IAW TCM service tinental TSIO-550- this agency unde	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform 5 38/80 and #6 69/8 bulletin SB03-3. NK Engine Mainten at W.O. #: PDX-ation regulations	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks in a discrepancies noted at lance Manual M-18 Review M-18 Revie	Rev. B6 5-20 and inspected for noted. Work positions time.  July 2015 6-3.9	s a guide.  any erformed  9.1.2
	Hobbs:  Mork Performed Completed annual instance abnormal debris, none IAW Cirrus SR22T MI Compression checks as Performed boroscope in Adjusted both magneto. Operation checks good. ent details of the work of ted in accordance with a forward property of the control of the con	pection IAW FAR P less directives throug and installed new fil found. Serviced en M Rev. B6 Ch. 12-18 follows: #1 57/80, inspection of cylinde s to 24 degrees BTD described above at FAR Part 43, App is performed. END	art 43, Appe gh bi-weekly ter P/N CH4 gine with 8 quart 45 50/80, #3 and #5 OC IAW Control on file at pendix D, co	ndix D using Cirrus 2016-03. None out 8109-1. Took oil sa uarts of Aeroshell I 38/80, #4 57/80, #5 IAW TCM service tinental TSIO-550- this agency unde	SR22T Scheduled standing. mple and sent for a 15W50 oil. Perform 5 38/80 and #6 69/8 bulletin SB03-3. NK Engine Mainten at W.O. #: PDX-ation regulations	Inspection Report MM Inalysis. Opened filter an led ground run, no leaks in a discrepancies noted at lance Manual M-18 Review M-18 Revie	Rev. B6 5-20 and inspected for noted. Work positions time.  July 2015 6-3.9	s a guide. any erformed  9.1.2



FAA (	CRS#: FCPR831	D				TS	IO550K1B	S/N:	1007382
	Entry Type: _		Reg#: _	N72AD	Model:			_	
Jog I	Hobbs:			Flight: _		466.2			
			.1						
Comp	lied with the f	ollowing inspe	ection items						
Sqk	Work Perfor	med	d new filter P/	N CH48109-1. Took with 8 quarts of Aero	k oil sample a	nd sent for ana	llysis. Opened filter I ground run, no lea	and inspected for aks noted. Work	or any performed
.1	abnormal debris	, none tourid.	Ch 12-10				1 1 inc	nected in	
This caccord	ertifies that only lance with the m roved for return	work requested anufacturer's sy to service with	respect to the	work periorinea.	Di iz	Administratio	on regulations, is	,,,,,,	
				Samos Va	180	Date:	09/13/2016		-
ligh	tcraft Portland	CRS# FCFRe	3121	James Vargo	)				
ortla AA (	NE Airport Way nd, Oregon 9721 PRS#: FCPR831	8 D		NZZAD	Model:	TS	SIO550K1B	S/N:	1007382
og E	ntry Type:	Engine	Reg#: _	N72AD	Model.				
	TTENG:	194 7		Flight:	4	494.7	H	obbs: 583.1	
	ITENO.								
omn	ied with the fo	ollowing Inspe	ection items	s:					
								1017 71	5.00
qk	Complied with a	nnual inspection	IAW FAR Par	t 43, Appendix D us	ing Cirrus SR	22T Schedule	d Inspection Repor	t MM Rev. Bb	5-20 as a
!	mide Decearch	airworthiness (	irectives uno	ugii bi-weekiy 2011		1 16	obnormal dehris	s none found !	Serviced
	engine with 8 qua	arts of Phillips Ty	pe M (mine	25.1	TTENG				
	MM Rev. B6 Ch.	12-10. Next oil o	hecks: #1 60/8	30 #2 <b>50/80</b> , #3 <b>38/8</b>	80, #4 57/80,	#5 <b>38/80</b> and #	#6 69/80. See item	2.2 for mainten	ance details.
				TI TO A - amilian bull	letin SR03-3	See item 2.2 I	or maintenance uct	alis.	
	Complied with 50	00-hour Magneto	inspection on	LH magneto (P/N:	10-500556-10	01 S/N: D12JA	(019) and RH mag	neto (P/N: 10-5)	00556-101 oter 10-6-4
	S/N: D12JA009)	Re-installed LH a	and RH magne	LH magneto (P/N: eto after inspection less, Troutdale, Orego	n. FAA CRS	# JZYR537L	on W.O. # 14011.	Refer to 8130-3	form dated
	28 February 2017	for details. Oper	ation and leak	checks good.	DI (50170 C	NI: AC121A7	27 #4 P/N: 658178	S/N: AC12AC4	417 and #5
	Removed engine	cylinders #2 P/N:	658178 S/N:	AC12BB231, #3 17	N: 6581 /8 Si ed cylinders l	AW Continen	tal Motors TSIO-5	50K EMM M-1	8 Rev.2
	P/N: 658178 5/N: Chapters 10, 17 a	nd Appendix B ir	same location	ns after repairs by P	remier Aircra	aft Engines, Ti	routdale, Oregon. F	FAA CRS # JZY V Continental M	R537L on lotors TSIO-
	W.O.#14011. Ref	er to 8130-3 form	dated 28 Feb	ns after repairs by P ruary 2017 for deta 2. Operation and lea	ak checks are	good. Next E	ngine Oil Change	is due in 25.0 h	ours @ 519.7
	Removed and rep Continental Moto Operation checks	rs Publication X4	eto ignition has 2002-3, S-20/	arness P/N Off: 10- S-200 Series High	421674-21 w Tension Mag	ith new ignition neto Service S	on harness P/N On: Support Manual Re	v 31 August 20	11 Ch. 9-3.
	ed with the fol		rthiness D	irectives:					
	Work Perform	D 001/ 01 04 4	mendment 20	-18685 "Oil Cooler	cross fitting	replacement"	Inspection reveale	ed this A.D. was	previously
	complied with by	completion of Co	ontinental Mot	ors CSB15-2 Rev. (2024. No further ac	C on 11/24/2	013 at 390.0 I	irs. by replacement	of the oil coole	r cross fitting
							5 (((1 I	that this aircr	oft has been

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-17-6661. I certify that this aircraft has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END

Flightcraft Portland CRS# FCPR831D:

03/14/2017 Date:

ITCRAFT	P	7777 NE Airport V Portland, Oregon 9 AA CRS#: FCPR	7218					FL	IGHTO
.007202	Lo	og Entry Type:	Engine	Reg#: N	72AD	Model:	TSIO550K1B	. 8	S/N: 1007
1007382		Flight / TTAF:	497.9						
	Con	nplied with the foll	owing Maintenance	items:					
у	- <u>Sqk</u> - 2.1		<i>ned</i> ike-off is low. Adjust	ed fuel pump to de	liver 34 GPH @ 25	00 RPM IAW	Cirrus AMM Rev.B6	Ch. 73-20. Ope	eration and le
ormed	- Inanc	certifies that only was a control of the certification of the work to the work the w	itions and current Fed	customer under Veral Aviation Adn	V.O. # PDX-17-674	2 was accompons, is airwort	lished and inspected in hy, and is approved for	n accordance w r return to serv	ith the ice
	Flight	craft Portland CRS	# FCPR831D:			I	Date: 03/22/2017		
	1			J	ames Vargo				
	7777 NE A Portland, O FAA CRS#	irport Way regon 97218 : FCPR831D						FLIGI	HTCRA
RAFT	Log Entry	Type: Engin	e <b>Reg</b> #	: N72AD	Model:	T	SIO550K1B	S/N:	1007382
	Hol								
			481.3						
32			ng Maintenance	items:					
		k Performed	ndication is high. Rer	noved cleaned in	spected and re-inst	alled engine o	il temperature sensor.	Tested and in	snected
(600	2.1 wiring		. No defects noted. F				/2016 for details on re		
	This certifies the accordance with	hat only work red h the manufactur	quested by the cust	and current Fee	deral Aviation Ac	17 was accor Iministration	mplished and inspect regulations, is air	cted in worthy, and	
_			0						
_	Flightcraft Por	tland CRS# FC	CPR831D: VC	mas Vo	1080	Date:	12/13/2016		
-				James Var	go				
-	7777 NE Airpo Portland, Orego FAA CRS#: FC	on 97218	,	,				FLIGI	HTCR
<u> </u>	Log Entry T-	no: Engine	<b>D</b> #	NITO A D	8.4	<i>***</i>	105504.5		
*	Log Entry Ty		Reg#:	N72AD	Model:	TS	IO550K1B	S/N: _	100738
	Hobbs:	48.	2.8						
	Complied with i	the following l	Maintenance ite	ms:					
	Sqk Work Pe	rformed							

correct positions IAW Continental TSIO-550 EMM Ch. 10-3. Performed high power ground runs. Operation and leak checks good.

This certifies that only work requested by the customer under W.O. # PDX-16-6452 was accomplished and inspected in

accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:

Date: 12/20/2016



Log E	ntry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
	ght / TTAF:	499.6						
Compl	ied with the fo	llowing Maintenance	items:					
						D/ Cl	72.22	
Sqk	Fuel flow at	take-off is low. Adjus	sted fuel pum	p to deliver 34 GF	PH @ 2500 RPM IA	AW Cirrus AMM Rev.B6 Ch.	73-20. Operation	and leak
2.1	checks good				. 17 (755	mplished and inspected in ac	cordance with the	
manufa	cturer's specifi	work requested by the cations and current Fork performed. END.	ederal Aviatio	nder W.O. # PDX on Administration		mplished and inspected in according to the contract of the con	turn to service	
Flighter	aft Portland CI	RS# FCPR831D:	Da.			Date: 03/30/2017		
				James Varg	0			
	- T	- <del>1</del> - 1	т.	r				
							FIICH	
7777 NE	Airport Way	10					FLIGH	ICRAF
FAA CR	Oregon 972 S#: FCPR831	D						
				NZZAD	Model:	TSIO550K1B	S/N:	1007382
Log Entry	Type:	Engine	Reg#:	N72AD			_	6. (2.00)
Flight	TTAF:	501.3		_				
	with the follow	ing Maintenance iter	mc.					
отрией ч	vun ine jouow	ing maintenance we.						_
iqk W	ork Performed	off is low Adjusted	fuel nump to	deliver 34 GPH	@ 2500 RPM IAW	Cirrus AMM Rev.B6 Ch. 73	-20. Operation an	d leak
						Removed turbocharger check		
Sm Co No Ser duc	nall piece of me entinental Moto one noted. Insta- rviced engine v ets. Performed	etal debris in check voors TSIO-550-K EMN alled new Champion ( with 2 quarts of Philli half-hour engine high	alve. (oil cool M M-18 C2 1. CH48109 oil ps 20W50 oil h power grou.	ler to turbocharge 5 July 2015 Secti filter IAW Contil 1. Removed and c nd run IAW Conti	on 13-4. Removed on 13-4. Removed on the state of the sta	moved debris, cleaned check engine oil filter. Cut open and 0-550-K EMM M-18 C2 15 J per deck ducting and environ O-550-K EMM M-18 C2 15 nt was noticed in the left and AW Cirrus SR-22T AMM 71	d inspected for de July 2015 Section nmental ducting. R July 2015 Section none in the right	bris. 6-3.8.2 Reinstalled
nufacture	r's specification	ns and current Federa	al Aviation A	W.O. # PDX-17 dministration reg	<u>-6755</u> was accompl ulations, is airwortl	lished and inspected in accord hy, and is approved for return	dance with the n to service	
ghtcraft Po	ortland CRS# I	FCPR831D:	)ams	70.00		Date: 04/04/2017		
				James Vargo				
	1 -	1 1	Г					) I
							$\overline{}$	
	-				5,		/	
				110	<del>\</del>			
		+		$+$ $\vee$ $-$				
						/		
	<u> </u>		$Q_{\prime}$		/_			
		1						

Flightcraft Portland CRS# FCPR831D:

FLIGHTCRAFT

10	Log Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: 10	07382
	Flight / TTAF:	501.3		_				
	Complied with the fo	ollowing Maintenance	items:					
	Sqk Work Perfo							
	Disassemble	ed induction system an	d environmenta	al ducting in engine valve for both turb	compartment. Clean ochargers. Reassemb	ed residual oil out of inside of led intake system and environ	of all ducting and onmental systems.	
~	Performed h	igh power ground run Motors TSIO-550-K E	and operated he	eating system for ca	bin. Operational che	ck Good. No leaks, oil reside	ue, or smell noted	IAW
~	This certifies that only manufacturer's specifi with respect to the wor	cations and current Fe	e customer und deral Aviation	er W.O. # <u>PDX-17-</u> Administration regu	6720 was accomplish lations, is airworthy	hed and inspected in accorda , and is approved for return (	nce with the to service	
	_I 7777 NE Air	ort Way						
	Portland, Ore	gon 97218					FLIG	HTC
	FAA CRS#: F	CPR831D						
	Log Entry Type	e: Engine	Reg#	: N72AD	Model:	TSIO550K1B	S/N:	100738
	Flight / TTA	F: 509.	6					
	Complied with th	e following Maintena	ince items:					
		erformed						
	2.1 649368-6	50A7 S/N Off: B12K/	A168, P/N On:	649368-60A7 S/N	On: B16KA090 IAW	engine driven fuel pump wit / Continental Motors EMM W Continental Motors EMN	Chg. 2 Jul/2015	Section 10
3		eration checks good.						
	6.3.7. Op This certifies that of manufacturer's spe	eration checks good.  only work requested by	y the customer t Federal Aviat	under W.O. # PDX ion Administration	-17-6820 was accon regulations, is airwo	nplished and inspected in ac orthy, and is approved for re		
	6.3.7. Op This certifies that of manufacturer's spe	eration checks good.  only work requested by cifications and curren  work performed. END	y the customer t Federal Aviat	under W.O. # PDX	-17-6820 was accon regulations, is airwo	nplished and inspected in ac		
	6.3.7. Op This certifies that c manufacturer's spe with respect to the	eration checks good.  only work requested by cifications and curren  work performed. END	y the customer t Federal Aviat	under W.O. # PDX ion Administration	-17-6820 was accon regulations, is airwo	nplished and inspected in acountry, and is approved for re		
	6.3.7. Op This certifies that c manufacturer's spe with respect to the	eration checks good.  only work requested by cifications and curren  work performed. END	y the customer t Federal Aviat	under W.O. # PDX ion Administration	-17-6820 was accon regulations, is airwo	nplished and inspected in acountry, and is approved for re		
	6.3.7. Op This certifies that of manufacturer's spe with respect to the visit of the the visit	eration checks good.  only work requested by cifications and curren work performed. END  CRS# FCPR831D:	y the customer t Federal Aviat	under W.O. # PDX ion Administration  Support S	-17-6820 was accon regulations, is airwo	nplished and inspected in acountry, and is approved for re	turn to service	
	6.3.7. Op This certifies that c manufacturer's spe with respect to the	eration checks good.  only work requested by cifications and curren work performed. END  CRS# FCPR831D:  Way 97218	y the customer t Federal Aviat	under W.O. # PDX ion Administration  Support S	-17-6820 was accon regulations, is airwo	nplished and inspected in acountry, and is approved for re		
	7777 NE Airport Portland, Oregon	eration checks good.  only work requested by cifications and curren work performed. END  CRS# FCPR831D:  Way 97218	y the customer t Federal Aviat	under W.O. # PDX ion Administration  Support S	-17-6820 was accon regulations, is airwo	nplished and inspected in acountry, and is approved for re	turn to service	
	7777 NE Airport Portland, Oregon FAA CRS#: FCPR	eration checks good.  only work requested by cifications and curren work performed. END  CRS# FCPR831D:  Way 97218 8831D	y the customer t Federal Aviat	under W.O. # PDX ion Administration  James Vargo  James Vargo	-17-6820 was acconregulations, is airwo	pplished and inspected in acountry, and is approved for re  Date: 05/09/2017	FLIG	HIC
	7777 NE Airport Portland, Oregon FAA CRS#: FCPF  Log Entry Type: Flight Hobbs:	eration checks good.  Inly work requested by cifications and curren work performed. END  CRS# FCPR831D:  Way 97218 8831D  Engine  595.3	y the customer t Federal Aviat ).  Reg#:	under W.O. # PDX ion Administration  James Vargo  James Vargo	-17-6820 was acconregulations, is airwo	pplished and inspected in acountry, and is approved for re  Date: 05/09/2017	FLIG	HIC
	7777 NE Airport Portland, Oregon FAA CRS#: FCPF Log Entry Type: Flight Hobbs:	eration checks good.  Inly work requested by cifications and curren work performed. ENE  CRS# FCPR831D:  Way 97218 8831D  Engine  595.3	y the customer t Federal Aviat ).  Reg#:	under W.O. # PDX ion Administration  James Vargo  James Vargo	-17-6820 was acconregulations, is airwo	pplished and inspected in acountry, and is approved for re  Date: 05/09/2017	FLIG	HIC
	7777 NE Airport Portland, Oregon FAA CRS#: FCPF Log Entry Type: Flight Hobbs:  Complied with the following teaching the properties of the second content of the properties of	way 97218 1831D Engine  Engine  1995.3  Lowing Maintenance  med users and engine and engine	Reg#:	James Vargo  N72AD  starter adapter for AW TCM TSIO-5	Model:  Model:  Model:  Model:	Date: 05/09/2017  Date: 05/09/2017  TSIO-550K-1B  s to, and removed engine s M-18 Section 10-4. No de	FLIG S/N:	10073:
	7777 NE Airport Portland, Oregon FAA CRS#: FCPF  Log Entry Type:  Flight Hobbs:  Complied with the fold  Sqk Work Perfort Customer req Inspected star	way 97218 Engine  Engine  Lowing Maintenance  med  uests to remove and iter adapter and engine  LAW TCM TSIO-55	Reg#:	James Vargo  N72AD  starter adapter for AW TCM TSIO-5 MM M-18 Section	Model:  wear. Gained access 50-550K-1B EMM 10-4. Removed en	Date: 05/09/2017  Date: 05/09/2017  TSIO-550K-1B  s to, and removed engine s M-18 Section 10-4. No degine oil filter. Cut open for	S/N:	10073
	7777 NE Airport Portland, Oregon FAA CRS#: FCPF  Log Entry Type: Flight Hobbs:  Complied with the fold Sqk Work Perfort Customer req Inspected star starter adapter debris was for 550-550K-1B	eration checks good.  Inly work requested by cifications and curren work performed. ENE CRS# FCPR831D:  Way 97218 8831D  Engine  595.3  Illowing Maintenance med  uests to remove and iter adapter and engine law TCM TSIO-53 and Installed new Child	Reg#:  items:  items:	James Vargo  N72AD  Starter adapter for AW TCM TSIO-5 MM M-18 Section Iter P/N On: CH48 Added 2-quarts of	Model:  Model:  Wear. Gained acces 50-550K-1B EMM 10-4. Removed en 109-1 IAW TCM Phillips 20W50 eng	Date: 05/09/2017  Date: 05/09/2017  TSIO-550K-1B  Sto, and removed engine of M-18 Section 10-4. No degine oil filter. Cut open for SIO-550K-1B M-18 gine oil. Run up, operation	S/N:	10073:

James Vargo

Date:

02/16/2018

 $\forall$ 

Log Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N:	1007382	
Flight / TTAF:	501.3		-					
Complied with the foll	owing Maintenance i	tems:						
intercoolers le	l induction system and	ly stuck check	eating system for	ne compartment. Clear rbochargers. Reassem cabin. Operational cho tions 12-6, 16-2 and 1	ned residual oil out of insid bled intake system and env eck Good. No leaks, oil res 6-5.	e of all ductin fronmental sy fidue, or smell	g and stems. noted IAW	
	work requested by the ations and current Fector performed. END.	customer und	WO # DDV I	7-6720 was accompli- egulations, is airworth	shed and inspected in acco y, and is approved for returnate: 04/05/2017	rdance with the rn to service	ne	
L.	- I - I		James Vargo	(10)				
7777 NE Airport V Portland, Oregon 9 FAA CRS#: FCPR	7218					FLI	GHT	CRAF
Log Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/!	N:	7382
Flight Hobbs:	527.3							
omplied with the fol	lowing Maintenance	items:						
Low oil press transmitter R	sure indication. Remo	il pressure reg	ulator relief valve	e and cleaned valve se	d source. No defects noted at. No defects noted. Reir eration and leak checks g	istalled oli pr	essure regu	lator
Low oil press transmitter. R 2 relief valve. A EMM Chg. 2 Rev B6 Ch. 7 iis certifies that only unufacturer's specific	sure indication. Remo Removed and tested of Added one quart of Pl Jul/2015 Section 10- 9-30. work requested by the rations and current Fe	il pressure reg nillips 20W50 7.5. Oil press e customer ur deral Aviatio	gulator relief valve engine oil. Perfo ure indicates in to oder W.O. # PDX: n Administration	e and cleaned valve se rmed ground runs. Op p of the green arc at c -17-6820 was accompregulations, is airwork	d source. No defects noted at. No defects noted. Reir eration and leak checks gruise power at 170 degree lished and inspected in acthy, and is approved for re	ood IAW Cores IAW Cirrus	essure reguntinental M s SR22T A	otors
Low oil press transmitter. R 2 relief valve. A EMM Chg. 2 Rev B6 Ch. 7 his certifies that only anufacturer's specific th respect to the work	sure indication. Removed and tested of Added one quart of Pl Jul/2015 Section 10-9-30.  work requested by the stations and current Fe to performed. END.	il pressure reg nillips 20W50 7.5. Oil press e customer ur deral Aviatio	gulator relief valve engine oil. Perforure indicates in to moder W.O. # PDX: n Administration	e and cleaned valve sermed ground runs. Opposition of the green arc at central	at. No defects noted. Refreration and leak checks gruise power at 170 degree	ood IAW Cores IAW Cirrus	essure reguntinental M s SR22T A	otors
Low oil press transmitter. R 2 relief valve. A EMM Chg. 2 Rev B6 Ch. 7 is certifies that only unufacturer's specific th respect to the work	sure indication. Removed and tested of Added one quart of Pl Jul/2015 Section 10-9-30.  work requested by the lations and current Fe k performed. END.  S# FCPR831D:	il pressure reg nillips 20W50 7.5. Oil press e customer ur deral Aviatio	gulator relief valve engine oil. Perfo ure indicates in to oder W.O. # PDX: n Administration	e and cleaned valve sermed ground runs. Opposition of the green arc at central	at. No defects noted. Reir eration and leak checks g ruise power at 170 degree lished and inspected in ac thy, and is approved for re	astalied off proof IAW Colors IAW Cirrus	essure reguntinental M s SR22T A	otors MM
Low oil press transmitter. R relief valve. A EMM Chg. 2 Rev B6 Ch. 7 iis certifies that only unufacturer's specific th respect to the worl ghtcraft Portland CR 7777 NE Airpo Portland, Orego	sure indication. Removed and tested of Added one quart of Pl Jul/2015 Section 10-9-30.  work requested by the lations and current Fe k performed. END.  S# FCPR831D:	il pressure reg nillips 20W50 7.5. Oil press e customer ur deral Aviatio	gulator relief valve of engine oil. Performer ure indicates in to nder W.O. # PDX: n Administration  James Vargo	e and cleaned valve sermed ground runs. Opposition of the green arc at central	at. No defects noted. Refreration and leak checks gruise power at 170 degree lished and inspected in acthy, and is approved for respected to the control of	ecordance with	essure reguntinental Ms SR22T A	MM
Low oil press transmitter. R relief valve. A EMM Chg. 2 Rev B6 Ch. 7 is certifies that only anufacturer's specific th respect to the worl ghtcraft Portland CR 7777 NE Airpo Portland, Orego FAA CRS#: FC	sure indication. Removed and tested of Added one quart of Pl Jul/2015 Section 10-9-30.  work requested by the stations and current Fex performed. END.  S# FCPR831D:  rt Way on 97218 PR831D  Engine	il pressure regalilips 20W50 7.5. Oil press e customer underal Aviatio	gulator relief valve of engine oil. Performer ure indicates in to nder W.O. # PDX: n Administration  James Vargo	e and cleaned valve sermed ground runs. Opp of the green arc at centre of t	at. No defects noted. Refreration and leak checks gruise power at 170 degree lished and inspected in acthy, and is approved for respected to the control of	ecordance with	h the	MTCA
Low oil press transmitter. R relief valve. A EMM Chg. 2 Rev B6 Ch. 7  This certifies that only anufacturer's specific th respect to the world ghtcraft Portland CR  7777 NE Airpo Portland, Orego FAA CRS#: FC  Log Entry Type:  Flight Hobbs:	sure indication. Removed and tested of Added one quart of Pl Jul/2015 Section 10-9-30.  work requested by the stations and current Fex performed. END.  S# FCPR831D:  rt Way on 97218 PR831D  Engine	Reg	gulator relief valve of engine oil. Performer ure indicates in to nder W.O. # PDX: n Administration  James Vargo	e and cleaned valve sermed ground runs. Opp of the green arc at centre of t	at. No defects noted. Refreration and leak checks gruise power at 170 degree lished and inspected in acthy, and is approved for respected to the control of	ecordance with	h the	otors MM

Flightcraft Portland CRS# FCPR831D:

with respect to the work performed. END.

02/16/2018

Date:

manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service

Log Elling Type.	Engine	Dog#t.	N72AD	Model:	TSIO550K1B	S/N:	1007382
Log Entry Type:		Reg#:	N/ZAD	Midder.	1510550KTB		1007382
Flight / TTAF:	501.3		_				
Complied with the fo	llowing Maintenance ite	ems:					
Sqk Work Perfor	med						
Disassemble	d induction system and e	environmenta	al ducting in engine	compartment. Clea	aned residual oil out of insi abled intake system and en	de of all ducting	and
Performed hi	gh power ground run and Motors TSIO-550-K EMI	d operated he	eating system for ca	abin. Operational ch	neck Good. No leaks, oil re	sidue, or smell n	oted IAW
This certifies that only	work requested by the co	ustomer und	er W.O. # PDX-17-	-6720 was accompli	ished and inspected in acco	ordance with the	
manufacturer's specific with respect to the work	ations and current Feder performed. END.	al Aviation A	Administration regi	ulations, is airworth	y, and is approved for retu	III to service	
F 7777 NE 4:							
7777 NE Airpo Portland, Orego	ort Way					FL	IGHTCR.
FAA CRS#: FC	CPR831D						
Log Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S	N: 1007382
Flight / TTAF:	509.6						
Complied with the	following Maintenance	items:					
Sqk Work Perf	formed						
Fuel flow a 649368-60.	t take-off is low. High of A7 S/N Off: B12K A168	end flow is n	not adjustable. Ren	noved and replaced	engine driven fuel pump W Continental Motors EM	with new fuel pu	imp P/N Off:
Adjusted hi	gh end fuel flow to 34 (ation checks good.	GPH and per	formed Engine Op	perational Check IA	AW Continental Motors El	MM Chg. 2 Jul/2	2015 Section 10-2.
manufacturer's specif	work requested by the ications and current Fed	customer un leral Aviatio	nder W.O. # <u>PDX-</u> on Administration i	- <u>17-6820</u> was accor	mplished and inspected in orthy, and is approved for	accordance with	the
with respect to the wor	rk performed. END.		/	egalations, is all w	orthy, and is approved for	return to service	C
		~	. /				
Flightcraft Portland CR	RS# FCPR831D:	Dame	e Vorgo	•	Date: 05/09/2017		
Flightcraft Portland CR	RS# FCPR831D:	Dame		•	Date: 05/09/2017		_
Flightcraft Portland CF	RS# FCPR831D:	Dame	James Vargo		Date: 05/09/2017		
	SH I CI KOSID.	Dame		Dat			
	SH I CI KOSID.	···					
ghtcraft Portland CRS# F0	CPR83ID:	···	James Vargo				
ghtcraft Portland CRS# F0 7777 NE Airport Wa Portland, Oregon 972	CPR831D: Y	···	James Vargo			FLI	GHTCR
ghteraft Portland CRS# FO 7777 NE Airport Wa	CPR831D: Y	···	James Vargo			FLI	GHTCR
ghtcraft Portland CRS# F0 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83	CPR831D: Y	···	James Vargo			FLI S/N	
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type:	CPR831D:  y 218 1D	J.	James Vargo  O  ames Vargo	Dat	E. 00/22/2017	1000	
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type:	CPR831D:  y 218 1D  Engine  595.3	J. Reg#:	James Vargo  O  ames Vargo	Dat	E. 00/22/2017	1000	
ghtcraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type: Flight Hobbs:	CPR831D:  y 218 1D  Engine  595.3	J. Reg#:	James Vargo  O  ames Vargo	Dat	E. 00/22/2017	1000	
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type: Flight Hobbs:	CPR831D:  y 218 1D  Engine  595.3	J. Reg#:	James Vargo  O ames Vargo  N72AD	Model:	TSIO-550K-1B	S/N	N: 1007382
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type: Flight Hobbs: Complied with the following	Engine  595.3  Ing Maintenance items  sto remove and inspect	Reg#:  St engine state gears [A]	James Vargo  O ames Vargo  N72AD  Arter adapter for way TCM TSIO-55	Model:	TSIO-550K-1B	e starter adapter	N: 1007382  r for inspection. Reinstalled engir
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83 Log Entry Type: Flight Hobbs: Complied with the following Work Performed Customer requests. Inspected starter a	CPR83ID:  y 218 1D  Engine  595.3  Ing Maintenance items s to remove and inspec	Reg#:  s: ct engine stave gears IAV	James Vargo  U ames Vargo  N72AD  Arter adapter for w V TCM TSIO-55	Model:  vear. Gained access 0-550K-1B EMM	TSIO-550K-1B  ss to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open	e starter adapter defects noted. I	n: 1007382  r for inspection. Reinstalled engir
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83  Log Entry Type:  Flight Hobbs:  Complied with the following Work Performed Customer requests Inspected starter a starter adapter IAV	Engine  595.3  Ing Maintenance items  s to remove and inspect dapter and engine driv V TCM TSIO-550-550	Reg#:  ct engine stav OK-1B EMN on Oil Elite	James Vargo  James Vargo  ames Vargo  N72AD  Arter adapter for water for water adapter for water adapter for water for wat	Model:  vear. Gained acces 0-550K-1B EMM 109-1. IAW TCM	TSIO-550K-1B  TSIO-550K-1B  is to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open	e starter adapter defects noted. I for inspection. 1 8 Section 6-3 a	r for inspection. Reinstalled engir No metal or and TCM TSIO-
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83  Log Entry Type:  Flight Hobbs:  Complied with the following Work Performed Customer requests Inspected starter a starter adapter IAV debris was found.	Engine  595.3  Ing Maintenance items  s to remove and inspect dapter and engine driv V TCM TSIO-550-550	Reg#:  s: ct engine stave gears IAV 0K-1B EMN on Oil Filter	James Vargo  James Vargo  ames Vargo  N72AD  N72AD  TCM TSIO-55  M M-18 Section Is P/N On: CH481 ded 2-quarts of P/O	Model:  Wear. Gained acces 0-550K-1B EMM 0-4. Removed en 09-1 IAW TCM hillips 20W50 eng	TSIO-550K-1B  TSIO-550K-1B  is to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open in the section 10-550-550K-1B M-1 gine oil. Run up, operation	e starter adapter defects noted. I for inspection. 1 8 Section 6-3 a	r for inspection. Reinstalled engir No metal or and TCM TSIO-
ghtcraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83  Log Entry Type:  Flight Hobbs:  Complied with the following Work Performed Customer request: Inspected starter a starter adapter IAV debris was found. 550-550K-1B M-C Reinstalled all equi	EPR831D:  Y 218 11D  Engine  595.3  Ing Maintenance items  S to remove and inspect dapter and engine driv W TCM TSIO-550-550 Installed new Champio Appendix B-B-1 Pag pment and component	Reg#:  ct engine state gears IAV 0K-1B EMN on Oil Filter te B-10. Add ts that were	James Vargo  James Vargo  ames Vargo  N72AD	Model:  Wear. Gained acces 0-550K-1B EMM 10-4. Removed en 109-1 IAW TCM Thillips 20W50 engitate inspection an	TSIO-550K-1B  TSIO-550K-1B  Is to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open in the company of the co	e starter adapter defects noted. I for inspection. I 8 Section 6-3 a on and leak che	r for inspection. Reinstalled engir No metal or and TCM TSIO- cks good.
ghteraft Portland CRS# FO  7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83  Log Entry Type:  Flight Hobbs:  Complied with the following Work Performed Customer requests Inspected starter a starter adapter IAV debris was found. 550-550K-1B M-C Reinstalled all equi	Engine  595.3  Eng Maintenance items  s to remove and inspect dapter and engine driv W TCM TSIO-550-550  Installed new Champic O Appendix B-B-I Pag pment and component requested by the custor and current Federal A	Reg#:  St engine stave gears IAV 0K-1B EMN on Oil Filter te B-10. Add ts that were omer under	James Vargo  James Vargo  ames Vargo  N72AD	Model:  Wear. Gained acces 0-550K-1B EMM 10-4. Removed en 09-1 IAW TCM hillips 20W50 engitate inspection an 7498 was accomp lations, is airwort	TSIO-550K-1B  TSIO-550K-1B  Is to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open in the company of the co	e starter adapter defects noted. I for inspection. I 8 Section 6-3 a on and leak che	r for inspection. Reinstalled engir No metal or and TCM TSIO- cks good.
ghteraft Portland CRS# FO 7777 NE Airport Wa Portland, Oregon 972 FAA CRS#: FCPR83  Log Entry Type:  Flight Hobbs:  Complied with the following Work Performed Customer requests Inspected starter a starter adapter IAV debris was found.	Engine  595.3  Eng Maintenance items  s to remove and inspect dapter and engine driv W TCM TSIO-550-550  Installed new Champic O Appendix B-B-I Pag pment and component requested by the custor and current Federal A	Reg#:  St engine stave gears IAV 0K-1B EMN on Oil Filter te B-10. Add ts that were omer under	James Vargo  James Vargo  ames Vargo  N72AD	Model:  Wear. Gained acces 0-550K-1B EMM 10-4. Removed en 09-1 IAW TCM hillips 20W50 engitate inspection an 7498 was accomp lations, is airwort	TSIO-550K-1B  TSIO-550K-1B  Is to, and removed engine M-18 Section 10-4. No gine oil filter. Cut open in the company of the co	e starter adapter defects noted. I for inspection. I 8 Section 6-3 a on and leak che	r for inspection. Reinstalled engir No metal or and TCM TSIO- cks good.



TSIO550K1B S/N: 1007382 Model: N72AD Reg#: Log Entry Type: Engine Flight: 597.3 TTENG: Complied with the following Inspection items: Complied with Annual Inspection IAW FAR Part 43, Appendix D using Cirrus SR22T Scheduled Inspection Report MM Rev. B6 5-20 as a Sqk guide. Researched airworthiness directives through bi-weekly 2018-05. None outstanding. Performed oil change and installed new filter P/N CH48109-1. Opened filter and inspected for any abnormal debris, none found. Serviced 1.1 engine with 8 quarts of Phillips 20W50X/C oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22T AMM Rev. B6 Ch. 1.1 Performed cylinder compression checks: #1 30/80, #2 75/80, #3 76/80, #4 75/80, #5 74/80 and #6 60/80. (Master Orifice tool # 1641 = 30psi). Bracket for the #2 alternator is cracked. Removed #2 alternator. Removed and replaced alternator bracket IAW Continental Motors TSIO550K 1.1 EMM M-18 Section 17-7. P/N Off: 646405 P/N On: 646405. Reinstalled alternator IAW Cirrus SR22T AMM Ch. 24-30. Operation checks 2.4 Pertinent details of the work described above are on file at this agency under W.O. #: PDX-18-7546. I certify that this aircraft has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to work performed. END 03/08/2018 Date: Flightcraft Portland CRS# FCPR831D: James Vargo FLIGHTCRAF 7777 NE Airport Way Portland, Oregon 97218 FAA CRS#: FCPR831D Model: TSIO550K1B S/N: 1007382 N72AD Log Entry Type: Engine Reg#: 624.7 Flight: 624.7 TTENG: Complied with the following Maintenance Items: Work Performed Sqk Performed oil change and installed new filter P/N CH48109-1. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Phillips 20W50X/C oil. Performed ground run, no leaks noted. Obtained oil sample. Work performed IAW Cirrus 2.1 SR22T AMM Ch. 12-10. This certifies that only the work requested by the customer on W.O. #: PDX-18-7787 was accomplished in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work Date: 06/05/2018 Flightcraft Portland CRS# FCPR831D: James Vargo

пани



Log	Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
	TTENG:	668.6		Flight:	668.6	5		
Comp	lied with the	following Main	tenance It	ems:				
Sqk	Work Perfo	rmed						
1.1	installation of (	Cirrus Service Bulle	tin 7904 to re	-locate the oil press	o this on-going issue ure sensor away fror n-up, operation and	, Cirrus Field Service Represon the engine block. Gained and leak checks good.	entative recommends and instal	nends led Cirrus
specifica performe	ations and curren	t Federal Aviation A	Administration	r on W.O. #: <u>PDX-</u> n regulations, is airv	vorthy, and is approv	olished in accordance with the yed for return to service with	e manufacturer' respect to the v	s vork
Flighte	raft Portland	CRS# FCPR831	D:	James Vargo	L	Date: 11/02/2018		
. <del>.</del>								
Portland	E Airport Way I, Oregon 9721 RS#: FCPR831						FLIGH	ITCRA
og En	try Type: _ I	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
T	ΓENG:	680.6		Flight:	680.6			
omplie	d with the fo	llowing Mainte	nance Iten	ns:				
s certifie cification formed.	ns and current Fe	vork requested by the deral Aviation Adi	ministration r	on W.O. #: PDX-18 regulations, is airwo	180	ished in accordance with the ed for return to service with the ate: 12/12/2018	manufacturer's respect to the v	s work
ghtcraf	t Portland Ch	RS# FCPR831D	<u>'.                                    </u>	James Vargo		12/12/2010		
				James vargo				
	1							
				1	D			
			70	-	8			
-				10>				
/				-				

FLIGHTCRAFT

7777 NE Airport Way Portland, Oregon 97218 FAA CRS#: FCPR831D

	Entry Type:	Engine	Reg#:	N72AD	Model:	TSIO550K1B	S/N: _	1007382
Log		705.3		Flight:	705.	3		
	TTENG: _							
Com	plied with the	following Insp	ection item	s:				
Sqk	Work Perf	ormed	- IAW EAR P	art 43 Appendix D i	using Cirrus SR22T	Scheduled Inspection Repo	ort MM Rev. B6	5-20 as a
1.1	Complied with guide.	h Annual Inspection	d naw filter P/	N CH48109-1. Ope	ned filter and inspe	cted for any abnormal debri ed. Work performed IAW C	s, none found. S	Serviced IM Rev. B6
1.1	angine with X	miarts of Actosici	100 miniera					
1.1	Ch 12-10.				" - == 100 45 77	1/00 and #6 60/X0 Refer to	Item 2.7 below.	
2.5	R/H oil hose fr	rom turbocharger is	damaged from	M M-18 Section 16-	5. Leak checks goo	od.	Hors have nitting	on the cam
2.7	#1 engine cylir lobe contact su 65895A3BP S/ 658077 (exhau	rfaces. Removed e N On: AC18KA38 st) IAW Continent	xhaust system.  3 (with new pial Engine Man	Removed # 1-cylin iston, rings and rock ual M-O for Spark I quarts of Aeroshell	der P/N Off: 65869 er shafts). Installed gnited Ignitions an 1 100 mineral oil. O	15A3 S/N Off: Unknown, III 2ea, new lifters P/N On: 6: d Continental TSIO-550K In Experation and leak checks go	EMM M-18 Sect bood. Break-in pro	ion 16-7. Re- ocedures
2.8	pipes of the #2	cylinder with new	pipes rea, in	OII. OD OOC .	,			
	nt details of the	work described	above are on	file at this agency IAW FAR Part 43 t to work perform	y under W.O. #:_ B, Appendix D, classed. END	PDX-19-8340. I certify turrent Federal Aviation	that this aircraing Regulations an	d was
		CRS# FCPR83		James Va	argo	Date: 04/05/2019		-
				James Vargo				
Flighter Fr777 NE A Portland, O	airport Way Pregon 97218 : FCPR831D		,	James Vargo			FLIGH	TCRAF
Flighter  7777 NE A  Portland, O  FAA CRS#	.irport Way Dregon 97218				Model:	TSIO550K1B	FLIGH	1007382
Flighter Fli	cirport Way Pregon 97218 : FCPR831D Type: _Eng				Model:	TSIO550K1B		
Flighten 7777 NE A Portland, O FAA CRS#:  og Entry  ight Meter	cirport Way Dregon 97218 : FCPR831D  Type: Eng		eg#: <u>N</u>		Model:	TSIO550K1B		
Flighten 7777 NE A Portland, O FAA CRS#: og Entry ight Meter	cirport Way Oregon 97218 : FCPR831D  Type: Eng r: 724.0	ine R	eg#: <u>N</u>		Model:	TSIO550K1B		
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Meter  mplied with  Fuel flighter	cirport Way Dregon 97218 : FCPR831D  Type: Eng T: 724.0  ith the follow the Performed low is low at ma	ine R	eg#: N	72AD		TSIO550K1B	S/N:	1007382
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Meter  mplied with  K Work  Fuel fl. 6-4. Gr  certifies tha	cirport Way Dregon 97218 : FCPR831D  Type: Eng Tr: 724.0  ith the follow the Performed low is low at maround run operata	ine R  Ping Maintena  Eximum power. Addition and leak check	eg#: N  nce Items: justed maximisks good.	72AD  um power fuel flow	v to 36 GPH IAW	Continental Motors EMM	S/N:  M-O Section 6	1007382 -4.7 Table
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Meter  mplied with  K Work  Fuel fl. 6-4. Gr  certifies tha	cirport Way Dregon 97218 : FCPR831D  Type: Eng Tr: 724.0  ith the follow the Performed low is low at maround run operata	ine R  wing Maintena  ximum power. Addition and leak check requested by the call Aviation Admin	eg#: N  nce Items:  justed maximisks good.  sustomer on W istration regul	72AD  um power fuel flow  7.0. #: PDX-18-85 lations, is airworthy	v to 36 GPH IAW  19 was accomplish y, and is approved	Continental Motors EMM	S/N:  M-O Section 6	1007382 -4.7 Table
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Metel  mplied with  K Work  Fuel fl. 6-4. Gr  certifies that iffications an ormed.	Type: Eng r: 724.0  ith the follow k Performed low is low at maround run operate at only the work and current Federa	ine R  wing Maintena  ximum power. Addition and leak check requested by the call Aviation Admin	eg#: N  nce Items:  justed maximisks good.  sustomer on W istration regul	72AD  um power fuel flow	v to 36 GPH IAW  19 was accomplish y, and is approved	Continental Motors EMM ned in accordance with the for return to service with	S/N:  M-O Section 6	1007382 -4.7 Table
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Metel  mplied with  K Work  Fuel fl. 6-4. Gr  certifies that iffications an ormed.	Type: Eng r: 724.0  ith the follow k Performed low is low at maround run operate at only the work and current Federa	ine R  Ping Maintena  Eximum power. Addition and leak check requested by the call Aviation Admin	nce Items: justed maximusks good. sustomer on Wistration regul	72AD  um power fuel flow  7.0. #: PDX-18-85 lations, is airworthy	v to 36 GPH IAW  19 was accomplish y, and is approved	Continental Motors EMM ned in accordance with the for return to service with	S/N:  M-O Section 6	1007382 -4.7 Table
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Metel  mplied with  K Work  Fuel fl. 6-4. Gr  certifies that iffications an ormed.	Type: Eng r: 724.0  ith the follow k Performed low is low at maround run operate at only the work and current Federa	ine R  Ping Maintena  Eximum power. Addition and leak check requested by the call Aviation Admin	nce Items: justed maximusks good. sustomer on Wistration regul	um power fuel flow  O. #: PDX-18-85 lations, is airworthy	v to 36 GPH IAW  19 was accomplish y, and is approved	Continental Motors EMM ned in accordance with the for return to service with	S/N:  M-O Section 6	1007382 -4.7 Table
Flighter  7777 NE A Portland, O FAA CRS#:  og Entry  ight Metel  mplied with  K Work  Fuel fl. 6-4. Gr  certifies that iffications an ormed.	Type: Eng r: 724.0  ith the follow k Performed low is low at maround run operate at only the work and current Federa	ine R  Ping Maintena  Eximum power. Addition and leak check requested by the call Aviation Admin	nce Items: justed maximusks good. sustomer on Wistration regul	um power fuel flow  O. #: PDX-18-85 lations, is airworthy	v to 36 GPH IAW  19 was accomplish y, and is approved	Continental Motors EMM ned in accordance with the for return to service with	S/N:  M-O Section 6	1007382 -4.7 Table

nami



POWERPLANT LOG

DATE FLT HOBBS MAKE/MODEL N-NUMBER HOBBS SERIAL# Continental June 30, 2019 1007382 895.0 749.6 N72AD 749.6 TSIO-550-K1B

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1. Cut oil filter open and inspected for metal / debris, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624

WO# 385635

Date: 8/26/2019

Rea# N72AD Hobbs: 949.5



Elliott Aviation of Des Moines, Inc. Des Moines Airport 2800 McKinley Avenue Des Moines, IA 50321-2806

**Engine Log Entry** 

## Maintenance Action

Drained oil and replaced oil filter with new P/N: CH48109-1. Serviced engine with 8 quarts Phillips 20W50 oil. Cut open old filter and checked for metal with none noted. Ground ran engine and leak check good

I certify this Engine is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 3856\$5.

Harold Petro

for Elliott Aviation of Des Moines, Inc. CRS# JEMR166F

Page 1 of 1

ro

and

ves.



	1 0	VV _ 1\ 1 _ /	111	O L IV	1 1	
DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL#	HOBBS	ETT
Nov. 12, 2019	836.9	Continental TSIO-550-K1B	N72AD	1007382	993.4	836.9

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1. Cut oil filter open and inspected for metal / debris, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.

i certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	MAKE/MODEL N-NUMBER SERIAL#		HOBBS	ETT
Jan. 14, 202	852.0	Continental TSIO-550-K1B	N72AD	1007382	1011.1	852.0

Performed engine inspection for engine running rough condition, completed a ground run on engine to reduplicate issue, could not reduplicate engine roughness. Engine cylinder compressions were as follows: #1 74/80, #2 57/80, #3 72/80, #4 60/80, #5 60/80, #6 62/80 (master orifice: 44/80). C/W TCM SB03-3 all found in normal criteria, mag timing found within limits, RT: 23.5 LT: 23.6, engine fuel flow PSIs were all found within limits, high tension ignition leads were found airworthy. Removed spark plugs, cleaned, gapped, inspected, OHM check (>5000), gapped and found they failed the go-no-go gauge, installed new Tempest spark plugs p/n: URHB32S, (12 in total) to proper torque. Inspections of exhaust and turbo systems were also found in airworthy condition. Ground ran engine for operation and found airworthy for return to service.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624

ENTRY ANT LOG POWERPL HOBBS SERIAL# N-NUMBER MAKE/MODEL FLT HOBBS DATE 872.8 Continental TSIO-550-K1B 1035.4 1007382 N72AD March 15, 2020 872.8

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1 added CAMGaurd to oil at a ratio of 1.6 oz per quart, took oil sample mid-stream and out for analysis . Cut removed oil filter open and inspected for metal / debris, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.

l certify that this Aircrast and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to

Corey Marschke A&P 2716624

NT O GPOWERPL ETT HOBBS SERIAL# N-NUMBER MAKE/MODEL DATE **FLT HOBBS** 876.5 1039.8 Continental 1007382 N72AD 876.5 April 25, 2020 TSIO-550-K1B

Performed an annual / 100hr inspection in accordance with scope and detail FAR 43 Appendix D and reference Cirrus airplane maintenance manual. AD research through current bi-weekly, no new ADs found, refer to AD compliance report for details. Removed cleaned, inspected, gapped, OHM check (<5000), rotated, annealed gaskets and reinstalled spark plugs to proper torque. Removed, cleaned, inspected and reinstalled fuel injector nozzles replacing the following p/n: 630979-9 o-rings (x12), p/n: 633958-5 seal (x3), p/n: x1473 copper washer (x6), p/n: 628556 washer (x6), p/n: 640612 fuel injector washer (x6), p/n: 633958-3 seal (x6). Replaced all six intake gaskets with new p/n: SA630824 Complied with TCM SB03-3 and compression as follows: #1 73/80, #2 70/80, #3 70/80, #4 69/80, #5 60/80, #6 64 /80 (master orifice reading 45/80) bore scoped cylinders and found cylinder walls and valves in normal condition. Change oil and filter with 8 quarts Phillips 20W50 X/C oil and Champion oil filter CH48109-1, took oil sample mid-stream and sent out for analysis, all results came back in normal ranges, add CAMGaurd to oil at a ratio of 1.6 oz. per quart, cut oil filter removed open and inspected for metal, none noted at this time. C/W TCM SID97-3F by verifying fuel pressures within limits. Magneto timing found within limits, RT: 23.0 LT: 23.3, replaced magneto filter and drain reducer p/n: 653386, 653385. Replaced all twelve (12) rocker cover gaskets with new silicon type p/n: RG-632459. Ground ran engine I/A/W FAR 43.15 (c)(2) for operation and leaks, no leaks noted at this time. I certify that this engine has been inspected in accordance with an annual / 100hr inspection and was determined to be in airworthy condition.

1 certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624 IA

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL#	HOBBS	ETT
July 23, 2020	915.3	Continental TSIO-550-K1B	N72AD	1007382	1084.6	915.3

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1 added CAMGaurd to oil at a ratio of 1.6 oz per quart, took oil sample mid-stream and out for analysis . Cut removed oil filter open and inspected for metal / debris, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.

1 certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL#	HOBBS	ETT
Oct. 03, 2020	936.8	Continental TSIO-550-K1B	N72AD	1007382	1109.2	936.8

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1 added CAMGaurd to oil at a ratio of 1.6 oz per quart, took oil sample mid-stream and out for analysis. Cut removed oil filter open and inspected for metal / debris, none noted at this time. Ground ran engine for operation and leaks, no leaks noted at this time.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service



Corey Marschke A&P 2716624

Α NT 0 G ENTRY DATE FLT HOBBS MAKE/MODEL N-NUMBER SERIAL# HOBBS ETT Continental Feb. 23, 2021 966.1 N72AD 1007382 1142.9 966.1 TSIO-550-K1B

Changed oil and filter with 8 quarts Phillips 20W50X/C and Champion oil filter CH48109-1 added CAMGaurd to oil at a ratio of 1.6 oz per quart, took oil sample mid-stream and sent out for analysis, results retained in permeant aircraft documentation. Cut removed oil filter open and inspected for metal / debris, none noted at this time. Performed the following engine inspection: engine cylinder compressions were as follows: #1 69/80, #2 67/80, #3 66/80, #4 67/80, #5 66/80, #6 58/80 (master orifice: 44/80). C/W TCM SB03-3 all found in normal criteria, removed L/H mag: S6RSC-25P p/n: 10-500556-101 s/n: D12JA009 and R/H mag: S6RSC-25P p/n: 10-500556-101 s/n: D12JA019 and sent to Poplar Grove Airmotive CRS: YYBR664L for 500 hr. inspection and AD 2005-12-06 (mags were found with wear less than .014) set mag and engine timing to 24 degrees BTDC. Removed spark plugs, cleaned, gapped, inspected, OHM check (<5000), rotated and reinstalled with new gaskets p/n: M674 to proper torque. Completed TCM SID97-3F by check and adjustment of fuel pressures I/AW service information directive and Cirrus AMM chapter 73-20, unmetered fuel pressures were adjusted within limits stated in table 6-4. Ground ran engine for operation and found airworthy for return to service.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service

Central W.	*	Corey	Marschke A&P 2716624

POWERPLANT LOG ENTRY									
DATE	FLT HOBBS	MAKE/MODEL	E/MODEL N-NUMBER		HOBBS	FTT			
May 18, 2021	995.7	Continental		SERIAL#	, NOBBS	ETT			
Pemound the Line		TSIO-550-K1B	N72AD	1007382	1177.6	995.7			

Removed the list engine above: Teledyne Continental TSIO-550-K1B s/n: 1007382 with the following ETT: 995.7, from the following airframe: Cirrus SR22T, N-number N72AD, s/n: 0429 and sent out for repair to Poplar Grove Airmotive CRS# YYB664L.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service



Corey Marschke A&P 2716624

ling / The Company

			Time Si	nce Last	Engine 30.1 a including engine part removal a	IIu
	Total	Time	Ove	rhaul	actions literature Ainworthiness Directive	€S,
	10to		-		Record maintenance actions inspections, All Worthmeet Installation and compliance with inspections, All Worthmeet Installation and compliance with inspections, All Worthmeet Installation and Service Bulletins  Special Inspections, Modifications and Service Bulletins	
				Min	installation and compliance Modifications and Service 2	
Date	Hours	Min	Hours	IVIII.	Special inspection	
	Hours				102565	
					=0.1/ S/N 1007302	- 1
Carried forward -		_		ENGINE		- 1
Carried for the	IRFR:	Contin	iental	ENGIN	COMPLIANCE STATES  C/W by inspection IAW para. (d)	١
MANUFACTU	DESCRI	PTION			C/W by inspection in a P/N	١
AD#	Endor				N/A by adapter P/N	1
93-10-02	Cassna	oil filter a	adapter		N/A by adapter P/N N/A by crankshaft S/N N12HA020	١
96-12-22	cranksh	aft			N/A by crankshaπ 3/14 14 12	- 1
99-19-01	cranksh	aft				
00-23-21	cylinder				N/A by P/N lifters, 658077 and 655555	
#04-08-10	TCM lifte	ers			N/A to CMI fuel system	
10-11-04	AFS sen	vo diaphi	ram		N/A by starter adapter P/N	
12-03-06C	Aro sen	dantor			N/A to CMI cylinders	
12-10-13	Starter A	dore				
16-16-12	ECI cylin	ideis	tting		Customer to comply with N/A by P/N cyls 2-6, P/C/W cyl 1 by inspection	
16-21-04	oil coole	r cross fi	ung		N/A by P/N cyls 2-o, F/O/W 3).	
20.16-11	Continer	ntal cylind	gers		Date: 8/31/20:	21
Poplar Grove	Airmo	tive, In	C.	20041	Torny Aavang 1 Date. 0/01/200	
EAA Approved	Repair	Station	# AAR	1664L _	Terry Aavang 1 A 2 Date:	
- Additional					S/N 100/382	
MAKI	E CONTI	NENTAL	ħ	ODEL	TCIO 550-K	
- 4 1 Tim	90	25.7			Time Since Major Overhaul N/A Hours	
ă .			-		eurrent regulations of the Federal Aviation	
The aircraft eng	gine identifi	ed above	was repair	ed and ins	pected in accordance with current regulations of the Federal Aviation vork performed. (As detailed below) Pertinent details of repair are on	
Administration and	is approve	ed for retur	rn to servic	ce for the w	ork performed. (As detailed bottom)	
file at this repair st	ation under				<b>Date</b> 8/31/2021 -	_
			102			
,					to cam and lifter distress. Installed connecting rods repaired by	
Disassembled,	cleaned a	ind inspe	ected eng	gine aue Contir	to cam and inter distress. Instanto lifters P/N 658077 and 658088.	
	lacas tam	a far fill	that dat	oile inc	railed bil cooler Filt 034300, out this total and	
naintenance re	ease tag	S IOF TUI	D Comp	liance Pa	ecord and Parts List for more details. This engine was test run for	ě
Pacific Oil Coole	EAA ann-	oved too	t cell and	nance ille d moste e	specifications	
wo nours in an	raa appr	oveu les	i cen an	a meeto s	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ander Coor	. Ai	tiva I-				
oplar Grove					Torry Asyons Torry Asyons	
oplar Grove Air					Signed for Poplar Grove Airmotive, Inc.	
AA Approved R	epair Stat	uon #YY	DK004L		Signed for ropial Grove Airmotive, Inc.	
I	1		*	1	n - A	
				-		_
	-					

## Total Time Time Since Last Overhaul Fingine Service and Maintenance Record maintenance actions including engine part removal installation and compliance with inspections, Airworthiness Direct Special Inspections, Modifications and Service Bulletins

POWERPLANT LOG ENTRY

DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL#	HOBBS	-
Sept. 22, 2021	995.7	Continental TSIO-550-K1B	N72AD	1007382	1177.6	995.7
Performed an a	nnual / 100hr ins	spection in accordan	ice with scope an	d detail FAR 43	Annendiy D and	C 793.1

Performed an annual / 100hr inspection in accordance with scope and detail FAR 43 Appendix D and reference Cirrus airplane maintenance manual. AD research through current bi-weekly, refer to AD compliance report for details.

AD 2020-13-11 (08/21/2020) DNA by cylinder p/n installed on cylinder #2 - #6 and P/C/W by inspection on cylinder #1.

Complied with TCM SB03-3 and compression as follows: #1 62/80, #2 60/80, #3 68/80, #4 66/80, #5 55/80, #6 36/80 (master orifice reading 45/80) bore scoped cylinders and found cylinder walls and valves in normal condition. Drained oil and took sample mid-stream and sent out for analysis, oil results came back with high nickel and iron levels, removed cylinders, inspected and found distressed camshaft on #3-cylinder lobe and #3- and #5-cylinder exhaust tappets spalled. Removed engine from airframe and sent out for repair, see previous log entries for details, reinstalled the list engine above: Teledyne Continental TSIO-550-K1B s/n: 1007382 with the following ETT: 995.7, on the following airframe: Cirrus SR22T, N-number N72AD, s/n: 0429 after repair from Poplar Grove Airmotive CRS# YYB664L. Reinstalled engine I/A/W Cirrus MM 71-00. Reinstalled prop governor p/n: S-1-44F s/n: G855NJ after flush and reseal at Aircraft Propeller Service CRS# EY2R811K, reinstalled turbos p/n: 646677 s/n: H-PFL00536 & H-PGL00026 after overhaul from Main Turbo CRS# MAMR190K, cleaned, inspected, gapped, OHM check (<5000), rotated, annealed gaskets and reinstalled spark plugs to proper torque. C/W TCM SB11-3, found drive coupler slippage with limits. Service engine with 8 quarts Phillips 20W50 Type M mineral oil and Tempest oil filter AA48109-2, pre lubed engine and turbos prior to engine start, set prop low pitch stop, prop governor high RPM limit, C/W TCM SID97-3G by adjusting fuel pressures within limits on chart and setting unmetered fuel pressure per Cirrus manual 73-20, check and adjusted magneto timing found within limits, Ground ran engine I/A/W FAR 43.15 (c)(2) for operation and leaks, no leaks noted at this time. All post maintenance operational checks were found airworthy and the post engine repair compressions were as follow: #1 75/80, #2 75/80, #3 76/80, #4 76/80, #5 75/80, #6 76/80. I certify that this engine has been inspected in accordance with an annual / 100hr inspection and was determined to be in airworthy condition.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service

Central Wisconsin

Corey Marschke A&P 2716624 IA

		<u>P 0 1</u>	NERPLA	NTI	) G E N	T D V	· ·
	DATE	FLT HOBBS	MAKE/MODEL	N-NUMBER	SERIAL#	I R Y	
	Oct. 29, 2021	1010.1	Continental			HOBBS	ETT
Į		1010.1	TSIO-550-K1B	N72AD	1007382	1105 4	

Drained engine oil I/A/W TCM CSB07-01A, no metal noted in bucket screen, removed oil filter and serviced engine with 8 quarts of Phillips 20W50 Type M mineral oil and Champion oil filter CH48109-1 filter. C/W TCM SB03-3 by bore scope of all engine cylinders, all cylinders were found in normal criteria with visible cross hatching and no glazing was found, differential pressure test was performed and the compressions were as follows: #1 77/80, #2 70/80, #3 73/80, #4 72/80, #5 71/80, #6 77/80 (master orifice reading 45/80 PSI). Removed, cleaned, inspected, gapped, OHM (<5000) and reinstalled spark plugs to proper torque. Checked engine mag timing, and adjusted as needed, lubed exhaust system and waste gate. Completed general engine inspection, no faults were noted. Ground ran engine I/A/W FAR 43.15 (c)(2) for operation and leaks, no leaks noted at this time and was determined to be in airworthy for return to service.

I certify that this Aircraft and / or Component identified heron was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to



Corey Marschke A&P 2716624

42/70

		Tota	l Time		nce Last rhaul	Engine S	Service al	nd Mainte	enance R	ecor
	Date	Hours	Min	Hours	Min	installation and	compliance w	s including engith inspections, and Service	Airworthiness D	oval ar Directive
arr	ried forward -		-							
									40 2 0 12	
	DATE		P O T HOBBS	WER	MODEL	ANT LO N-NUMBER	OGEN SERIAL#	T R Y HOBBS	-	
	Jan. 21, 20		1036.9	Cont	tinental 550-K1B	N72AD	1007382	1225.6	1036.9	
	serviced et TCM SB0 cross hatco were as for PSI). Rem Checked et general en and leaks, I certify that this service	engine w 03-3 by b ching and ollows: # noved, cl- engine m gine insp no leaks	ith 8 quar pore scope no glazin 1 74/80, # eaned, ins ag timing pection, no s noted at or Component	ts of Phile of all en ing was fo #2 74/80, spected, g g, and adjust to faults w	lips 20W agine cylin bund, differ #3 73/80 gapped, C usted as r were noted and was	50 X/C oil and of orders, all cylind erential pressure of the first transfer of transfer of the first transfer of transfer o	Champion oil f ers were found e test was perfo 2/80, #6 74/80 and reinstalled sp chaust system a ngine I/A/W Fa	n, removed oil filter CH48109-1 in normal criter rmed and the co (master orifice roark plugs to prond waste gate. (AR 43.15 (c)(2) for return to servalations and was found airw	filter. C/W ria with visible mpressions reading 45/80 oper torque. Completed for operation	-
H A Ci	/10/2022 IOBBS: 1269. /C TT: 1074.4	7 4 & FILTER F	PN:AA4810	D. NO ME	JET 1921 / F.A.A.	APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0		1. Vidus
H A Ci	/10/2022 IOBBS: 1269. /C TT: 1074.4	7 4 & FILTER F	PN:AA4810 PRUN ANI	D9. NO ME	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 IOBBS: 1269. /C TT: 1074.4 HANGED OIL 8 IOW50 X/C OIL.	7 4 & FILTER F	PN:AA4810 D RUN ANI	D. NO ME	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 IOBBS: 1269. /C TT: 1074.4 HANGED OIL 8	7 4 & FILTER F GROUNE	PN:AA4810 D RUN ANI	D9. NO ME	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 D RUN ANI	D9. NO MED LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO MED LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
H A CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	1. Vidus
CI 20	/10/2022 10BBS: 1269. /C TT: 1074.4 HANGED OIL 8 0W50 X/C OIL.	7 4 & FILTER F GROUNE	PN:AA4810 PRUN ANI	D9. NO ME D LEAK CH	JET 1921 / F.A.A.	TAIR G  AIRPORT DRIVE  GREEN B  APPROVED REPA	AUSTIN STRAU AY, WI 54313 IR STATION CRS	JBEL FIELD MZ2R023L ENGINE WITH 8.0	ENGINE LOG S/N: 0429 ENGINE S/N: 1007382 QTS PILLIPS	n. Value



	Total	Time	Time Sir	nce Last	Engine Service and Maintenance Record
Date			Over	rhaul	Lingine Service and manners
	Hours	Min	Hours		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special leave that the Madifications and Service Bulletins
Carried forward -		<b>→</b>			Special Inspections, Modifications and Service Bulletins

8/12/2022 HOBBS: 1286.7 A/C TT: 1089.3



## JET AIR GROUP INC.

1921 AIRPORT DRIVE AUSTIN STRAUBEL FIELD GREEN BAY, WI 54313 F.A.A. APPROVED REPAIR STATION CRS MZ2R023L N72AD ENGINE LOG S/N: 0429 ENGINE S/N: 1007382

COMPLIED WITH 100 HR / ANNUAL INSPECTION I.A.W. THE SR22T SCHEDULED INSPECTION REPORT 5-20 & 5-30. CHECKED AD STATUS THROUGH BI-WEEKLY 2022-16/17. CHANGED OIL AND FILTER, P/N AA48109 AND SERVICED ENGINE WITH 7 QTS PHILLIPS 20W50, INSPECTED OIL FILTER ELEMENT. NO METAL NOTED AT THIS TIME. TOOK OIL SAMPLE AND SENT FOR ANALYSIS. COMPLETED CYLINDER COMPRESSION TEST: #1 76, #2 67, #3 76, #4 68, #5 64, #6 78 ALL OVER 80, MASTER GASKETS. CLEANED FUEL INJECTORS. ADJUSTED LH / RH MAGNETO TO ENGINE TIMING TO 24\* BTDC. CLEANED INDUCTION AIR FILTERS. REPLACED RH TIT PROBE. REPLACED ALTERNATOR #1 BRUSH BLOCK ASSY. COMPLETED AND OPS CHECK PERFORMED. ALL CHECKS OK. WORK ACCOMPLISHED USING THE MANUFACTURERS MAINTENANCE

I certify this ENGINE has been inspected in accordance with a COOHRIANNUAL inspection under FAR 91 409 (4) (1) and approved to return to service Details under W/O 16872

Fo

JET AIR CORP GREEN BAY, WI FAA Repair Station MZ2R023L

	1		
	_		
1			
<u> </u>			
	1		