

Printed: 3/02/2016



Autopilots Central, Inc.
3112 North 74th East Avenue
Hangar 23, Tulsa International Airport - Tulsa, OK 74115
(918)836-6418 - Fax (918)832-0136
FAA CRS CM2R747K

Logbook Entry

Sold To: Brad Montgomery 9 Professional Dr. Bella Vista, AR 72715 Work Order: Acct Number:

MA16-05096 (479)328-9028

Opened: 2/29/2016

Closed: 3/02/2016

Page: 1 of 1

			read 69.3 hrs.	-	D007	- Chi	1.1169	A Constitution of a
Aircraft Numbe		7				Control of the Contro	1: 1168	The State Seals
The second second	otal Time:	54.6	Hobbs Time:		54.6	Tach Time:	LG Cycles:	Dean Time
Eng# Type 1 TSIO550K	1D	S/N 1031164	The second second	54.6	Cycles	Prop Type PHC-J3Y1F-1N	Prop S/N NJ1189B	Prop Time 54.6
Discrepancy: 1			15x25x25x20		GARAS.	4. 4. M. A.		74.0
Problem: Cirrus 50 hour Action Taker Completed 50	inspection is	due per the	CMX program.	ut oil fil	ter open m	edia normal. Serviced	Oxygen. Cleaned	
This Discrepa	ncy is covere	ed under wa	arranty.		41.2			1
Part Number	经经验的	PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	on		Cred	FOR STREET ACCUMENT PRINCIPLE	THE RESERVE TO A STATE OF THE PARTY OF THE P	Extend
20W50XC	thornal c	Phillips Det	and the second second	1		8.00 Each	1	\$
	1 14		covered under wa	rranty.		Jan Jan L.		1
AA48108-2	1	Oil Filter	1 1			1.00 Each	1	\$
	4500		covered under wa	rranty.				1
OA		Oil Analysis		1		1.00 Each	h	S
71 - 11 - 1	7 - 4 4 1	This part is	covered under wa	rranty.	- 1		- But a	The state of the s
MS29513-137		O-Ring			Let be the	1.00 Eac	h	\$
	10.00	This part is	covered under wa	rranty.				
NAS1523-8B	ato I	Stat-O-Sea		1-1		1.00 Eac	h	\$
1	april and the	This part is	covered under wa	rranty.		distribution for	a francisco	1
Totals:	构成形成	不是可以	MASSES EXPENSE	利提供		は他は多いのでは、	比較的大學是自己	Walter 1
	1 1			17		Total:	\$	
	1					s Warranty Labor:	\$	1
			1	1		s Warranty Parts:	\$	7
					Ch	arges:	\$	
		The	airworthy, (unless	otherwise Central, I CM2R74			

Work Order: MA16-05096







Autopilots Central, Inc. 3112 North 74th East Avenue Hangar 23, Tulsa International Airport - Tulsa, OK 74115 (918)836-6418 - Fax (918)832-0136 FAA CRS CM2R747K

Logbook Entry

Sold To: Brad Montgomery 9 Professional Dr. Bella Vista, AR 72715

Work Order: Acct Number:

MA16-05038 (479)328-9028

Opened: 1/04/2016

Closed: 1/04/2016

Time Since Last

Engine Service and Maintenance

Re

ircraft Number:	N238MP	10000000000000000000000000000000000000	Type:S	R22TN	Tarrel Sant	S/N: 1168	Per entre and
Total Time:		Hobbs Time:		31.4	Tach Time:	LG Cycles:	
ng# Type	S/N	Tiobbo Timo.			Prop Type	Prop S/N	Prop Time
1 TSIO550K1B	1031164	1	31.4	Cycles	PHC-J3Y1F-1N	NJ1189B	31.
Discrepancy: 1	F-SERVEY AND	(2) 数据	2753 38	12.00	人人工等的人的 實力多去	CHECK THE THE TANK	
Problem:	TELES OF F	de et	1		and the state of t	and in water for the second of the second or	-
First 25 hour inspection is	due. A/C is un	der the CMX pr	ogram.				
Action Taken: Completed first 25 hour in normal. C/W SB 2X-25-22 77. Checked Magneto to e Topped Brake reservoir. I certify that this aircraft ha condition at this time. W/O: MA16-05036 Date: 01/04/2916 Hours Flight 31	engine timing. S	nspection(Cond Serviced oxyger	ition goo and TK	od). Comp S. Service	oressions #1-78 #3- ed tire pressures, Cl	78 #5-77 #2-76 #4-76 in hecked brakes and lining	#6- igs.
Autopilots Central Inc.	2000						10
Tulsa,Okla. 74114							里
FAA CRS CM2R747							100
otals:	et Man D	达到到100000000000000000000000000000000000	自己	就學類	SERVICE STATE	2.2月以为此的数据的。	
	10 724 1000		60105	Sub	Total:	\$	13
	1				rges:	\$	1-5
	Authorized	A A	A CRS C	entral, In CM2R747I	Š		s, Mod
							ns and Service
inted: 1/04/2016		Work (Order: MA	A16-05038		Page: 1	of 1
inted: 1/04/2016		Work C	Order: MA	A16-05038		Page: 1	of 1

me	Time Sir Over		Engine Service and	Maintenance Record
Min	Hours	Min		cluding engine part removal and spections, Airworthiness Directives and Service Bulletins
>	ENGINE MO TSIO-550-K ENGINE SA REG. NO: N WORK ORD	(1) I: 1031164 238MP ER: 0539	Dedicated Aircraft Work 698 CR 1143 Tyler, TX 75704 Phone: 972-834-2476	DATE: 8/5/2016 A/C TSN: 113.2 ENG TT: 113.2 FLIGHTTIME: 113.2
	Engine E		sure Adjusted the engine idle Reinstalled the L/H n	magneto P/N 10-500556-101 S/N D15GA220
	using new alternator AA48108 f	gaskets afte P/N 656802 ilter Adjus	er repair performed by Select Aircraft Services on work S/N H-Q030955 with new gasket Removed the oil fil sted the timing to 24 BTDC Set the MP in accordance	ilter, cut open and inspected. Installed new P/N - e with the AMM 73-20.
	using new	gaskets afte P/N 656802 ilter Adjus	er repair performed by Select Aircraft Services on work S/N H-Q030955 with new gasket Removed the oil fil	Iter, cut open and inspected. Installed new P/N -
EL: -1N NJ1189 1238MP)ER: 20	using new alternator AA48108 f	gaskets after P/N 656802 ilter Adjus	er repair performed by Select Aircraft Services on work S/N H-Q030955 with new gasket Removed the oil fil sted the timing to 24 BTDC Set the MP in accordance SIGNED:	e with the AMM 73-20. Work Order: 0539

Scanned with CamScanner

4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376 TACH:

Airframe Entries

Complied with Cirrus 100 HR CMX inspection.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 8/11/2016

SIGNED:

Work Order: 200

Palmer, Dawit

Certified Repair Station No. 5CSR009B

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ENGINE MODEL: TSIO550K1B

ENGINE S/N: 1031164 REG. NO: N238MP WORK ORDER: 200245



ear Star Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376 DATE: 8/11/20 A/C TSN: 113 ENG TT: 113

TACH: 113

Engine Entries

Complied with Cirrus 100 HR CMX engine inspection..The cylinder compression was checked with the following results: #1, 76/80 #2, 76/80 #3, 76/80 #4, 70/80 #5, 72/80 #6, 76/80 psi. Master orifice 42/80..The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..Installed new A/C drive adapter garlock seal P/N 25102..Installed new #1 alternator gasket P/N 653981.Adjusted take off engine MP and FF to within limits..Replaced top right engine accessory plate gasket P/N 654012 and garlock seal P/N 25102.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 8/11/2016

SIGNED:

Work Order: 200245

Palmer, Dawit

Certified Repair Station No. 5CSR009B

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	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record			
	Hours	Min	Hours	Min	Record maintenance actions including engine part removal an installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins			
E	ENGINE S/N: 1031164 REG. NO: N238MP R		Ro 47 Ac	DATE: 11/10/2016				

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30.. The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.. Installed new #3 fuel injector clip P/N 652436-1.. Replaced all rocker cover gaskets, P/N 655705.. Cleaned ignition leads.. Adjusted magneto to engine timing to 24°.. Complied with SB2X-79-04 Improved Installation of Oil Pressure Sensor. Installed kit P/N 70551-001.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/10/2016

SIGNED:

Longaker, Doug Certified Repair Station No.\5CSR009B Work Order: 200371

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MAKE: Cirrus MODEL: SR22T S/N: 1168 REG. NO: N238MP WORK ORDER: 200538 Clear Star

Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376 DATE: 3/8/2017 A/C TSN: 170.9 TACH: 170.9

Airframe Entries

Complied with Cirrus 50 hr CMX Inspection.. Inspected Turbo and O2.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

MAKE: Cirrus MODEL: SR22T S/N: 1168 REG. NO: N238MP WORK ORDER: 200538



Clear Star Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376

DATE: 3/8/2017 A/C TSN: 170.9 TACH: 170.9

A:	rfram		-4-	
AI		eE	пт	es

Complied with Cirrus 50 hr CMX Inspection.. Inspected Turbo and O2.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 3/8/2017

SIGNED:

Work Order: 200538

Longaker, Doug Certified Repair Station No. 5CSR009B Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO550K1B ENGINE S/N: 1031164 REG. NO: N238MP WORK ORDER: 200538



Clear Star Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376

DATE: 3/8/2017 A/C TSN: 170.9 **ENG TT: 170.9 TACH: 170.9**

Engine Entries

Comply with Cirrus 50 hr CMX Engine Inspection. The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 3/8/2017

SIGNED:

Work Order: 200538

Longaker, Doug Certified Repair Station No.) 5CSR009B Printed by EBis 3 (datcomedia.com)

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			1. E. M.	
11				
	d.			

	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record				
Date	Hours	Min	Hours	Min	installation and com	ce actions including engine part removal and apliance with inspections, Airworthiness Directives Modifications and Service Bulletins			
amed to	cylinder compre Master orifice 4: An oil sample w leadsInstalled	es es ne 100 HR ession was of 2/80The of oil cooler P	checked wit oil and filter of d for analys o/N 654585	n No. 5CSROC uke Dr 75001 67-2376 In accordanc h the followi was change is by Blacks	ce with current Cirrus Designing results: #1, 76/80 #2, 58 d and serviced with 8 quarts tone Laboratories. Installed Cleaned the fuel injector no	DATE: 12/12/2017 A/C TSN: 225.5 ENG TT: 225.5 TACH: 225.5 TACH: 225.5 TACH: 225.5 In Aircraft Maintenance Manual 5-20 and 5-30The S/80 #3, 74/80 #4, 72/80 #5, 68/80 #8, 70/80 psi. Is of Phillips 20W-50 X/C and a new AA48108-2 filter. Inew A/C Garlock sealCleaned spark plug Sozzles and reinstalled using new seals as 674-21 S/N K171 Harness Assy			
	with a 100HR insp forms. The aircraf Federal Aviation A	ection and w it, airframe, a administration	ras determine ircraft engine n and is appro	d to be in airw , propeller, or wed for return	orthy condition. I have reviewe	ime. I certify that this engine has been inspected in accordance did the file on this aircraft and the accompanying discrepancy ad/inspected in accordance with current requirements of the repair are on file at this Certified Repair Station 5CSR009B.			
1	DATE: 12/12/20	17	SIGN	-		Work Order: 200875			
			Longal Certific	ker, Doug ed Repair Sta	loo No. эсsrооэв	Printed by EBis 3 (datcomedia.com)			
			3100						
255									
11 20									
HARRY I		A section		0.0-114					
N238MP		AVIATIONE LOG							
DATE 12/2 MAKE Cirru	20/2018 us	NE LOG	H T.	obbs 310 ACH 265	5.2				
Cirrus AMM a 1.Removed ar AA48108-2. S 2. Checked co 80 3. R&R air filt	AL INSPECTIO	filter, NDI with 8 Q 72 #3 78	FAR 43 AP N, Installed T of 20/50 # 5 72 #2	l new oil fi Phillips. 78#4 78 #	Using liter P/N				
I certify that accordance to be in air	at this aircrain with (annual worthy cond	ft has be al) inspec ition.	en inspe	cted in	ermined				
Kacha	w/1	Day	e						

	Total	Time	Time Sir	nce Last rhaul	Engir	ne Service and Mair	ntenance Re	cor		
Date	Hours	Min	Hours	Min	installatio	maintenance actions including on and compliance with inspections nspections, Modifications and Ser	ns, Airworthiness Di			
arried forward -		>						Disc.		
A Paris Inches			133	Adjusted States 45-1						
			* Hayles			TOTAL ALIBBORY ALIBBORY				
THE OHIO STAT			RT.			THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case Road Hgr. 3		-		
	t Case Road H s, Ohio 43235-2		and the second second second second second		100	Columbus, Ohio 43235-2526 CRS# IKBR028F				
CRS	S# IKBR028F						N#: N238MP			
Date:01/30/20	W. O.#: AM	09737	N#: N238			Acft. Make/Model: Cirrus SR22T	Serial#: 1168	100		
Acft. Make/Model			SeriaW: 1		-	Eng. Make/Model: - TCM TSIO-550K1B	Serial#:1031164	3/10		
Eng. Make/Model			Serial#:10 Engine T			Tach. time: 0341.7 Eng. SMOH:N/A	Engine TT:0341.7			
Engine Log:		Onava	r.ngare I	.0309.0	5,300	Engine Log:	th 0 Ota Phillips 2014/	TW		
1. Complied wit	th an 100 hr. Ins					Changed oil and filter. Serviced with 50 X-C, and AA48108-2 (8130-3).	No metal in old filter	Y /		
	spection Guide F					Lank COAD comple Pun and leak	check normal.			
2. Compression.	s: #1 59/80, #2			#5 59/80, #6	The Street	I certify that this Engine has been inspected inspection and was determined to be in airwor	in accordance with 100 hour	-		
	E SP6-4.11 Min and filter. Service			W-50 X-C, an	d	A D 's checked thru issue 2020-02.				
AA48108-2 (1 100			"Maintenance Relea The aircraft and/or component identified above	was repaired and inspected in			
	Lety a					accordance with current Federal Aviation airworthy for return to service. Pertinent details	Regulations and was round	7.7		
I certify that this inspection and wa						agency.	,			
A.D.'s checked thi	ru issue 2020-0	2.				F / John la	h			
The aircraft and/or		tenance Re-		d and inspect	ed in	Signature: Kay MILOMWOO (RS-1KBR028F				
accordance with airworthy for return								4		
agency	m to service.	erinen det	uis of the repai	r are on the a	ulis					
Signature:	J.Ri		for CRS# I	KBR028F						
Signature:	JRi ₹	P	for CRS# I	KBR028F		THE OHI	O STATE UNIVERSITY			
Signature:	JRi ₹		for CRS#	KBR028F			O STATE UNIVERSITY AIRPORT 50 West Case road			
THE OHIO STAT			S	KBR028F		216 Colum	AIRPORT 50 West Case road bus, Ohio 43235-2526			
THE OHIO STA'	TE UNIVERSI est Case Road us, Ohio 43235	Hgr. 3	S	KBR028F		216 Colum	AIRPORT 50 West Case road bus, Ohio 43235-2526 CRS# IKBR028F			
THE OHIO STA' 2160 We Columb	st Case Road	Hgr. 3 -2526	S	KBR028F		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T	AIRPORT 50 West Case road bus, Ohio 43235-2526 CRS# IKBR028F			
THE OHIO STA' 2160 We Columb	est Case Road ous, Ohio 43235	Hgr. 3 5-2526	S			216 Colum CO Date: 10/18/2021 Work Order#: AM1	AIRPORT 50 West Case road bus, Ohio 43235-2526 CRS# IKBR028F 0853 N#: 238MP	64		
THE OHIO STA' 2160 We Columb	est Case Road ous, Ohio 43235 RS# IKBR028F W. O.#: AM	Hgr. 3 5-2526 110462	DRT .	3MP		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- KIB Tach. Time: 376.0	AIRPORT 50 West Case road bus, Ohio 43235-2526 :RS# IKBR028F 0853 N#: 238MP Serial#:1168	64		
THE OHIO STA' 2160 We Columb CE Date:03/08/21 Acft. Make/Mode Eng. Make/Mode	est Case Road ous, Ohio 43235 RS# IKBR028F W. O.#: AN el: Cirrus SR22	Hgr. 3 5-2526 110462 2T 550-K1B	N#: N238 Serial#: Serial#:	8MP 1168 031164		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log;	AIRPORT 50 West Case road bus, Ohio 43235-2526 :RS# IKBR028F 0853 N#: 238MP Serial#: 1168 Serial#: 10311			
THE OHIO STA' 2160 We Columb CE Date: 03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351.	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AM el: Cirrus SR22 el: TCM TSIO- 5 Eng. SM	Hgr. 3 5-2526 110462	N#: N238 Serial#: Serial#:	3MP 1168		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log: 1. Drained oil, replaced oil fill serviced engine with 8qts Ph	AIRPORT 50 West Case road bus, Ohio 42235-2526 :RS# IKBR028F 0853 N#: 238MP Serial#: 1168 Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru	3), and as SR22		
THE OHIO STA' 2160 We Columb CE Date:03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351. Engine Log	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AM el: Cirrus SR22 el: TCM TSIO- 5 Eng. SM	Hgr. 3 5-2526 110462 2T 550-K1B 4OH:N/A	N#: N238 Serial#: Serial#: Engine T	8MP 1168 031164 T:0351.5		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log: 1. Drained oil, replaced oil fil serviced engine with 8qts Ph and SR22T AMM PN 1377	AIRPORT 50 West Case road bus, Ohio 43235-2526 RS# IKBR028F 0853 N#: 238MP Serial#: 1168 Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru 3-001 Revision B8 Chapter	3), and s SR22 r 12-10		
THE OHIO STA' 2160 We Columb CR Date:03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351. Engine Log 1. Complied wi Chapter 5 In:	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AM el: Cirrus SR22 el: TCM TSIO- 5 Eng. SM	Hgr. 3 5-2526 110462 2T 550-K1B 4OH:N/A	N#: N238 Serial#: Serial#: Engine T	8MP 1168 031164 T:0351.5		Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log: 1. Drained oil, replaced oil fill serviced engine with 8qts Ph	AIRPORT 50 West Case road bus, Ohio 43235-2526 RS# IKBR028F 0853 N#: 238MP Serial#: 1168 Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru 3-001 Revision B8 Chapter	3), and s SR22 r 12-10		
THE OHIO STA' 2160 We Columb CF Date:03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351. Engine Log 1. Complied wi Chapter 5 lm current data. 2. Compression	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AM el: Cirrus SR22 el: TCM TSIO- 5 Eng. SM th an 100 Hr. Ir spection Guide us: #1 69/80, #2	Hgr. 3 -2526 110462 2T 550-K1B 4OH:N/A nspection us Revision B8 62/80, #3 66	N#: N238 Serial#: Serial#:1 Engine T ing Cirrus SR2 dated 04 Sep 6/80, #4 63/80	8MP 1168 031164 T:0351.5 22/22T AMM 2018 and other	er	Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log; 1. Drained oil, replaced oil fil serviced engine with 8qts Ph and SR22T AMM PN 1377 Paragraph B. part (2). Ground	AIRPORT 50 West Case road bus, Ohio 42325-2526 RS# IKBR028F 0853 N#: 238MP Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru 3-001 Revision B8 Chaptei ran engine, leak check norm e Release"	3), and is SR22 r 12-10 nal.		
THE OHIO STA' 2160 We Columb CF Date:03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351. Engine Log 1. Complied wi Chapter 5 Ins current data. 2. Compression 65/80. Note:	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AM el: Cirrus SR22 el: TCM TSIO- 5 Eng. SM eth an 100 Hr. Ir spection Guide ns: #1 69/80, #2 SP6-4 11 test p	Hgr. 3 -2526 110462 2T 550-K1B 4OH:N/A respection us Revision B8 62/80, #3 66 ressure 41 p	N#: N238 Serial#: Serial#: Engine T ing Cirrus SR2 8 dated 04 Sep 6/80, #4 63/80,	3MP 1168 031164 T:0351.5 2/22T AMM 2018 and other #5 65/80, #6	er I	Date: 10/18/2021 Work Order#: AM1 Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log: 1. Drained oil, replaced oil fil serviced engine with 8qts Ph and SR22T AMM PN 1377 Paragraph B, part (2). Ground	AIRPORT 50 West Case road bus, Ohio 43235-2526 RS# IKBR028F 0853 N#: 238MP Serial#:1168 Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru 3-001 Revision B8 Chaptel ran engine, leak check norm e Release" above was repaired and insp	3), and is SR22 r 12-10 nal.		
THE OHIO STA' 2160 We Columb CR Date:03/08/21 Acft. Make/Mode Eng. Make/Mode Tach. time: 0351. Engine Log 1. Complied wi Chapter 5 In: current data. 2. Compression 65/80. Note: 3. Changed oil AA48108-2	est Case Road us, Ohio 43235 RS# IKBR028F W. O.#: AN el: Cirrus SR22 el: TCM TSIO- 5 Eng. SN tith an 100 Hr. Ir spection Guide ns: #1 69/80, #2 SP6-4 11 test p and filter. Sery (8130-3).	Hgr. 3 1-2526 110462 ET 1550-K1B MOH:N/A Inspection us Revision B8 62/80, #3 66 pressure 41 priced with 8	N#: N236 Serial#: Serial#: Engine T ing Cirrus SR28 dated 04 Sep 6/80, #4 63/80, si. Qts. Phiilips X	3MP 1168 031164 T:0351.5 22/22T AMM 2018 and other #5 65/80, #6	er I	Date: 10/18/2021 Work Order#: AMI Aircraft Make/Model: Cirrus SR22T Engine Make/Model: TCM TSIO-550- K1B Tach. Time: 376.0 Engine Log; 1. Drained oil, replaced oil fill serviced engine with 8qts Ph and SR22T AMM PN 1377 Paragraph B. part (2). Ground "Maintenance The aircraft and/or component identified	AIRPORT 50 West Case road bus, Ohio 42325-2526 TRS# IKBR028F 0853 N#: 238MP Serial#: 1168 Serial#: 10311 ter PN AA48108-2 (8130- iillips 20W-50 oil per Cirru 3-001 Revision B8 Chaptet ran engine, leak check norm the Release" above was repaired and inspegulations and was found airwork.	3), and is SR22 r 12-10 nal.		
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ENGINE MODEL: TSIO550K1B ENGINE S/N: 1031164 REG. NO. N238MP WORK ORDER: 33206-04-2022



First Flight Aviation

10600 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 937-885-5580 DATE: //14/2022 A/C TSN: ENG TT: 383 5 FLIGHTTIME: 383.5

ngine Service

and Maintenance Record

Engine Entries (3) I certify that this engine has been inspected IAW and ANNUAL inspection IAW the Cirrus annual checklist and is in an airworthy g engine part removal and condition. (5) Drained oil and removed filter, filled engine with Bots Phillips 20w50 installed ries AA48108 2 filter. Cut open used filter and ions, Airworthiness Directives, inspected element, no discrepancies found. Run up and leak check is good.

(6) Checked Compression - 1) 73/80; 2) 56/80; 3) 54/80; 4) 62/80; 5) 66/80; 6) 63/80; MO 45/80;

(15) Adjusted oil pressure regulator IAW M-0 6-4:10:1 ervice Bulletins (43) Adjusted magneto timing to 24 degrees BTDC I certify that this aircraft was inspected in accordance with an immunitispection and found to be airworthy." The aircraft and/or component(s) on N238MP was repaired and inspected in accordance with current FAFs rules at the Federal Awation Regulations and was found Airworthy for return to service. Perfinent details of the repair are on file at this repair station under Work Order No. 33206-04-2022. Work Order: 33206-04-2022 SIGNED: DATE: 7/14/2022 Printed by EBIS 3 (datcomedia.com) THE OHIO STATE UNIVERSITY AIRPORT 2160 West Case Road Columbus, Ohio 43235-2526 CRS# IKBR028F N#: N238MP Date: 10/27/2022 Aircraft Make/Model: Cirrus SR22T Serial#: 1168 Engine Make/Model:ContinentalTSIO-550-K1B Serial#: 1031164 Hour Meter: 415.7 Engine TT:415.7 **Engine Log**; Drained oil, removed oil filter, cut open and inspect oil filter no defects noted, install new oil filter P/N AA48108-2 NSN and safetied. Service with 8 Quarts Phillips 20W50 engine oil. Ground run leak check satisfactory. Removed and replaced engine sparkplugs with new P/N URHB32E (8 each) IAW Cirrus SR22T AMM Ch.74-20 (Rev.01 Jan 2012). Engine run, operational leak check satisfactory. Cleaned engine fuel injectors IAW Continental aircraft engine position tuned fuel injector nozzles Installation and maintenance manual F1-2 (Rev. August 2011). Engine run, operational leak check satisfactory. Complied with engine cylinder compression check #1)72/80 #2)72/80 #3)74/80 #4)74/80 #5)72/80 #6)74/80. No defects noted. Completed cylinder internal borescope inspection. No defects noted. The aircraft and/or component listed above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. AM11186. - For CRS #IKBR028F Steven C. Tompkins



Flightlogix · 4510 Airport Road · Cincinnati, OH 45226 · 513-321-1200

N238MP

Continental Motors, S/N: 1031164 8.7 TSIG-550-KIB TSN: 438.7

April 28, 2023

Flight: 438.7

- Oil change completed. Drained engine oil. Serviced with 8 quarts of Phillips 20W-50XC. Installed (8 QUART) P/N 20W50XC - PHILLIPS 20W50XC.
- 2. Oil sample taken. Installed (1 EACH) P/N AOA1151P-PPD BASIC OIL ANALYSIS FOR PISTON ENGINES
- 3. Cut open old filter and inspected for metal debris. None found.
- 4. Installed Oil Filter. Installed (1 EA) P/N AA48108-2 OIL FILTER.

Added 12.8 ounces of camguard.

6. Adjusted oil pressure out 1/2 turn IAW Continental M-0 Standard Practices Manual.

- 7. Removed magnetos for 500Hr Inspection. Overhaul performed by Professional Aircraft Accessories CRS P05R554Y WO# 64051. Reinstalled magnetos IAW TCM STANDARD PRACTICE M-0. Ops check good mag drop 50rpm per side. Installed P/N (2EA) 649954 - Gasket, Installed P/N 10-357520 - Gasket, Installed P/N 10-500556-101 - MAGNETO (REPAIRED) S/N: D15GA220 on L/H, Installed P/N 10-500556-101 - MAGNETO (REPAIRED) S/N: D15GA205 on R/H.
- 8. Tested leads as per Continental Ignition Systems Service Manual Publication X43001 Revision 2 3.2. All leads checked good.
- Installed new oil quick drain IAW Continental M-O. Installed (1 EA) P/N MS35769-11 Gasket, Installed (1 EA) P/N

S6250 - Saf-Air Oil Quick Drain

10. Post maintenance run up and leak checks good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Flightlogix under work order: WO 1732.

Dave Stewart A&P IA 3501524

wo: WO_1845

Engine - page 1 of 1



Flightlogix · 4510 Airport Road · Cincinnati, OH 45226 · 513-321-1200

N238MP

Continental Motors, S/N: 1031164 475.7 TSE-550-KIB TSN: 475 7

September 01, 2023

Flight: 475.7

1. I certify that this engine has been inspected in accordance with an annual inspection as per 14 CFR 43 Appendix D and Cirrus SR22/22T AMM rev. B8 Chapter 5-20 and has been determined to be in airworthy condition. The following

- maintenance items were also performed during this inspection:. Confirmed engine AD compliance to 2023-16.
- 3. Engine compressions taken. Master orifice: 44, Cylinder #1: 68, #2: 38, #3: 22, #4:69, #5: 56, #6:66.
- Oil change completed. Drained engine oil. Serviced with (8) Phillips 20W-50XC.
- 5. Cut open old filter and inspected for metal debris. None found.
- 6. Installed (1) AA48108-2 Oil Filter.
- 7. Oil sample taken (1) 1151 Kit: oil analysis, AOA.
- 8. Added 12.8 ounces 08-07097-1 camguard.
- 9. Post maintenance run up and leak checks good.
- 10. Due to oil leak, removed old crankshaft nose oil seal and installed new in accordance with Continental Standard Practices Maintenance Manual M-O 10-10. Installed (1 EA) P/N 641250 - SEAL ASSEMBLY NOSE.
- Retorqued cylinder rocker covers IAW Standard Practice Maintenance Manual M-0.
- Removed #3 Cylinder due to failed compression test. Installed overhauled cylinder assembly S/N AC18EB030 performed by signature engines CRS# E5ZR316Y WO# E8983 IAW TCM Maintenance Practices M-0. Run up and leak check good. Installed (2 EA) P/N 655958 TCM BOLT CONNECTING ROD, Installed (2 EA) P/N 654490 Nut, Installed (2 EA) P/N 652458 - GASKET - EXHAUST FLANGE.
- 14. Removed #2 Cylinder due to failed compression test. Installed overhauled cylinder assembly S/N AC13HA729 performed by signature engines CRS# E5ZR316Y WO# E8983 IAW TCM Maintenance Practices M-0. Run up and leak check good. Installed (2 EA) P/N 655958 - TCM BOLT - CONNECTING ROD, Installed (2 EA) P/N 654490 - Nut, Installed (1 EA) P/N 649965 - GASKET, Installed P/N MS9970-116 - O RING, Installed (2 EA) P/N 652458 - GASKET EXHAUST FLANGE.
- 15. Installed new #2 cylinder tuned fuel nozzle IAW TCM Standard Maintenance Practice M-0 Installed P/N 657065-2531 NOZZLE, TUNEĎ, CYL #2.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Flightlogix under work order: WO_1845.

Dave Stewart A&P IA 3501524



Flightlogix · 4510 Airport Road · Cincinnati, OH 45226 · 513-321-1200

N238MP

Continental Motors, TSIO-550-K1B, S/N: 1031164 TSN: 492.6 Hobbs: 597.7

November 17, 2023

9

Flight: 492.6

Pilot reported Tanis heating system inop. Found power and common wire pulled from Tanis flush mount 115v power plug. Repaired wiring and reinstalled on power plug IAW AC43.13-1B. Ops check good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Flightlogix under work order: WO_1985.

Dave Stewart A&P IA 3501524

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