

#### Continental Motors, Inc.

Production Certificate 508

**Printed:** 

8/20/2013

**Test Date:** 

8/20/2013

This engine model TSI0550K1B, serial number 1008884 was manufactured by Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

	Tota	Total Time		nce Last rhaul	Engine Service and Maintenance Reco			
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			
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			-		*			

ENGINE MODEL: TSIO-550-K ENGINE S/N: 1008884 REG. NO: N52VS WORK ORDER: 3228-12-2013



#### **Houston Aviation Center, LLC**

12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800 DATE: 1/21/2014 A/C TSN: 70.1 ENG TT: 70.1 FLIGHTTIME: 70.1

#### **Engine Entries**

(Flight Meter: 70.1) Tightened b-nut from fuel injector vent line to the throttle body. Operational check satisfactory.... Drained oil and inspected filter for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 qts. Phillips 20W50XC. Ran engine and checked for leaks.

#### Maintenance Release

The aircraft and/or component(s) on N52VS was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3228-12-2013.

DATE: 1/21/2014

SIGNED:

Work Order: 3228-12-2013

Martin Aaron Nicely, A&P: 3279899

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-555K ENGINE SN: 100884 ENGINE SN: 100884 ENGINE SN: 100884 Engine Entries  Phone: 281-494-5800  Houston Aviation Center, LLC ARCS 1322-10-2013  Engine Entries  Date: 494-5800  Engine India inspected filter for contaminants (sample taken). Installed new oil filter P/n AA48108-2 and serviced with 8 qts. Phillips 20W50XC. Rerigine and checked for leaks.  Maintenance Release  The aircraft and/or component(s) on NSZVS was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulation and was found Aviatory for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3132-10-2013.  DATE: 10/17/2013  SIGNED: August Land, TX-77-88 USA Phone: 281-494-5800  ENGINE MODEL: TSIO-5854X ENGINE SN: 1008894 REG. NO. NSZVS Phone: 281-494-5800  Engine Entries  Date: 400-4009  Take and inspected filter for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 qts. Phillips  20W50XC. Ran engine and checked for leaks.  Maintenance Release  The aircraft and/or component(s) on NSZVS was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulation and was found Aircraft for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 qts. Phillips  Work Order: 3392-05-20  Pustejovsky, N. ASP. 3194257  Pustejovsky, N. ASP. 3194257  Pustejovsky, N. ASP. 3194257  Printed by EBis 3 (datcomedia.co  ACTSN. 177 ENGT: 777 ENGT: 777 ENGT: 777 FLIGHTIME: 147.  1288 Hwy 6 S Ste 113 Sugar Land, TX.77498 USA Phone: 281-494-5800  Houston Aviation Center, LLC  DATE: 671320  ACTSN. 177 ENGT: 777 ENGT: 7	nce K
FIGURE SN: 1008B4 REG. NO: NSZVS WORK ORDER: 3132-10-2013  Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Phone: 281-494-5800  12888 Hwy 6 S Sis 113 Sugar Land, TX 77498 USA Sugar Lan	hinese r
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O-550-K GINE S/N: 1008884 S. NO: N52VS RK ORDER: Phone: 281-494-5800  Table Entries  and oil and inspected filter for contaminants (oil sample taken). Installed new oil filter P/n AA48108-2 and serviced engine with 8 qts. Phillips  OXC. Ran engine and checked for leaks.	''') <u> </u>
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6/13/2014 SIGNED: Work Order: 3443-06-2014	——
Zwahr P, A&P: 2685619 Printed by EBis 3 (datcomedia.com)	
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#### ime Since Last Overhaul

## Engine Service and Maintenance Record

Hours

Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

### TIDAL AVIATION

DATE: 08-07-2014. ENG: TSiO-550K(1B).

TAIL #: N52VS.

ENG. S#: 1008884.

A/C S#: 0601

HOBBS: 196.5 Hrs.

FLIGHT: 164.0 Hrs.

R/R engine cylinder spark plugs with new Champion RHB32S using T.C.M. SILO3-2C as reference for scope of maintenance, removed L/H & R/H magnetos using T.C.M. M-18 M.M. (12-2.1), performed a magneto 500 hrs inspection & adjusted internal magneto e-gap timing on L/H & R/H magnetos using Bendix X42002-3 M.M. (6-2.3,9-2.9), re-installed L/H & R/H magnetos & timed magnetos to engine using T.C.M. M-18 M.M. (17-14.2,6-3.9.1.1), checked & adjusted engine fuel flow pressures using Cirrus SR22T M.M. (ATA73-20.2C) & T.C.M. SID97-3F as reference for scope of maintenance, engine & components operational & leak checks satisfactory for return to service.

> ERIO W, RINCON-V A&P #: 3166786

TIDAL AVIATION

DATE: 10-16-2014. ENG: TSiO-550K(1B).

**TAIL #: N52VS.** 

ENG. S#: 1008884.

A/C S#: 0601.

HOBBS: 202.8 Hrs.

**FLIGHT:** 167.8 Hrs.

Performed an Engine 100 hrs/Annual Inspection using Cirrus M.M., Continental I.C.A. publications, & F.A.R. Part 43, appendix D, as reference for scope of Inspection, enginecompression checks as follows:

M.O.	#1.	#3.	#5.	#2.	#4.	#6.
68/80.	79/80.	79/80.	79/80.	79/80.	79/80.	79/80.

Performed engine fuel system check using Cirrus M.M. (ATA 73-20), rmvd all spark plugs, cleaned, inspected, &re-installed in proper rotation using T.C.M. SIL03-2C, all applicable service. bulletins & airworthiness directives are in compliance at the time of inspection, engine & component operational & leak checks satisfactory for return to service. I certified that this engine has been inspected in accordance with an Annual Inspection, and was found to be in Airworthy condition on this date.

> LEONARD F, FIRTH. A&P #:1943822 I.A.

	Date: 11/11/2015; Aircraft: N52VS; Type: SR22T; S/N: 0601; Hobbs: 315.60; Tach:; Total Time: 315.60; Engine -
	Type: TCM TSIO-550-K, S/N: 1008884, Time: 315.60
	Shop Order #: SH-15-0500
75	Discrepancy: 300
	ENGINE ANNUAL INSPECTION DUE.
	Corrective Action: 300
	COMPLED WITH THE ANNUAL INSPECTION ON THIS ENGINE.
	Discrepancy: 301
	PERFORM COMPRESSION CHECK.
	Corrective Action: 301
	COMPRESSION CHECKED: 1-66/80, 2-65/80, 3-68/80, 4-69/80, 5-63/80, 6-71/80 ON THIS ENGINE.
	MASTER ORIFICE READING IS 44.
	Discrepancy: 302
	CHANGED ENGINE OIL AND OIL FILTER.
	Corrective Action: 302
-	CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED.
	ENSTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2. SERVICED ENGINE WITH 8 QUARTS
	AEROSHELL WIGO OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN.
	Discrepancy, 303
	TAKE ENGINE OIL SAMPLE.
	Conjective Action: 303
	TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS.
	The aircraft, sinframe aircraft engine, propeller or appliance identified above was
	Inspected & Papairal in accordance with current regulations of the Federal Aviation Administration
	isspection Location the rederal Aviation Administration
1	inspection. I certify that this aircraft was found airworthy and
	is approved for return to service Pertinent details of the repair are on file at this repair station.
	DATE ALL ALL
	Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725
	Evansvine, molana 47/25
	Date 444000
	Date: 11/16/2015; Aircraft: N52VS; Type: SR22T; S/N: 0601; Hobbs: 315.60; Tach:; Total Time: 315.60; Engine - Descrepency:300
	Descrepency:300 CIRRUS \$415.04 PA TIME: 315.60
	CIRRUS SA15-04 R2, TCM CSB15-7A OIL COOLER CROSS FITTING REPLACEMENT.  VERIFIED THAT CIRRUS SAAR A COOLER CROSS FITTING REPLACEMENT.
	BEEN PREVIOUS SA15-04 R2, TCM CSB15-74 OIL COOLED AND
	BEEN PREVIOUSLY COMPLIED WITH. NEW STYLE FITTING WAS INSTALLED.  The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in approved for return to service/Pertinent details of the Federal Aviation Administration and was found in
	accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is  Signed:  Signed:
	Tri-State pero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	1 1 812-426-1221

Date 11/24/2015 W/O# 14862

Tach



#### Engine Logbook Entry AIRCRAFT: N 52VS

**CRS AWKR298C** 

S/N 0601

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH FUEL FLOW SET UP AS PER CMI SID97-3G CONTINUOUS FLOW FUEL INJECTION 331.7 SYSTEMS ADJUSTMENT SPECIFICATIONS AND INSTRUCTIONS. ADJUSTED TAKE OFF FUEL FLOW,

OPERATIONAL CHECKED NORMAL VERIFIED PREVIOUS COMPLIANCE WITH CIRRUS SA15-04R2 REFERENCING CONTINENTAL MOTORS CRITICAL SERVICE BULLETIN CSB15-7A. REMOVED CROSS FITTING AND INSPECTED OIL COOLER. NO DEFECTS NOTED. REINSTALLED FITTING, LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthles AWKR298C

Date 2/15/2016 W/O# 14995



#### Engine Logbook Entry AIRCRAFT: N 52VS

CRS AWKR298C

S/N 0601

25170 Aviation Ave., Davis, CA 95616

Tach

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO CHANGED OIL AND FILTER. 349.8 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL W100 ENGINE OIL AND CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

> The Aircraft and/or component identified above was repaired and inspected AW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

> > Shawn Matthles AWKR298C



**Date** 7/12/2016 Airframe Logbook Entry

**AIRCRAFT: N 52VS** 

W/O# 15374

CRS AWKR298C

S/N: 0601

25170 Aviation Ave., Davis, CA 95616

Tach

377.1 REMOVED OIL PRESSURE TRANSDUCER AND INSTALLED NEW TRANSDUCER 1 EA P/N 12635-004, CLEANED CONNECTOR AND SECURED LEAD. OPERATIONAL AND LEAK CHECKED NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Am

Shawn Matthies AWKR298C

Date 11/9/2016 W/O# 15647



Engine Logbook Entry AIRCRAFT: N 52VS S/N 0601

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK 382.9 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

Tach / Flight

VERIFIED PREVIOUS COMPLIANCE WITH AIRWORTHINESS DIRECTIVE 2016-21-04 EFFECTIVE DATE

**Eng TSN Eng TSO** 

382.9 11/18/2016 BY REPLACEMENT OF OIL COOLER CROSS FITTING ON 11/24/2015 @ 331.7 TT. COMPLIED WITH CMI SB 16-3 TURBOCHARGER CHECK VALVE CLEANING AND INSPECTION.

N/A REMOVED CHECK VALVE, CLEANED AND REINSTALLED. OPERATIONAL AND LEAK CHECKED

TTAF

382.9 NORMAL COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL. COMPRESSION TEST RESULTS: #1- 55/80, #2- 58/80, #3- 53/80, #4- 60/80, #5- 54/80, #6- 70/80. MASTER ORIFICE: 42/80.

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ONE PINT OF CAMGUARD. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED 12 NEW TEMPEST MASSIVE ELECTRODE SPARK PLUGS PIN URHB32E. ADJUSTED LEFT MAGNETO TIMING TO SPEC. INSTALLED 12 NEW ROCKER COVERS REMOVED STARTER P/N C24ST3 S/N 4C3-271304 AND INSTALLED NEW WITH NEW GASKETS.

STARTER P/N 646275-1 S/N H-V-111635. The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Apadal ins was determined to be in an airworthy condition. Signed\_





/O# 1650:		ID AVIATION	CRS AWKR298C 25170 Aviation Ave., Davis, CA 95	S/N 0601
/ EU-64	COMPLIED	WITH AN ANNUA	AL INSPECTION THIS DATE PER F	AR 43 APPENDIX P
/ Flight				
g TSN	409.3 COMPLIED	WITH DIFFEREN	2 BY INSTALLATION OF TURBOCHAR NTIAL COMPRESSION CHECK P PRESSION TEST RESULTS: #1-60 /8	ER CMI STANDARD DRAGE
ng TSO	N/A NEW, #6- 67 /	80. MASTER ORI	NTIAL COMPRESSION CHECK P PRESSION TEST RESULTS: <b>#1-60/8</b> FICE: 46/80.	0, #2- 67 /80, #3- NEW, #4- 64 /80 #5
TTAF	409.3 KEMUVED #3	ENGINE CYLINDE	ER P/N 658595 S/N AC13GA246. INST.	ALLED NEW CYLINDS
	INSTALLED N	EW CYLINDER P	ER P/N 658595 S/N AC13GA246. INST, STON. REMOVED #5 ENGINE CYL P/N 658595A1 S/N AC17IB326 WITH ILTER AND INSPECTED FOR METAI	NEW PISTON 058595 S/N AC13GA189
	REMOVED FIL	TER. OPENED F	IN 658595A1 S/N AC171B326 WITH ILTER AND INSPECTED FOR METAI ERED AND SENT OUT FOR ANALY	L AND DEBRIS: NO DISCREPAND
	SERVICED E	NGINE WITH	ILTER AND INSPECTED FOR METAI ERED AND SENT OUT FOR ANALY AEROSHELL 100 MINERAL EN	INSTALLED NEW FILTER AND
	100-HOUR/ANI	NUAL, RECURRII	NG LUBRICATION OF ENGINE CO	NTROLS AFTER WASHING THE
	NEW RH TURE	BO OIL INTAKE BA	GASKET. TIMED LEFT AND RIGHT IN USE GASKET. INSTALLED NEW LEFT CONNOT IDENTIFIED Above was repair	TURBO OIL RETURN BASE CASKED
	The Aircra	ft and/or comp	onent identified above was repail	red and inspected IAW FAA
	regulations	s and was round	d airworthy to return to service or repair are on file at this agency:	rily for the work performed /
				Chaum Matthia Aller Aller
	I certify that the	is Aircraft/Engi	ne/Propeller has been inspected	IAW an Annual inspection
	was dete	rmined to be in	an airworthy condition. Signed	and Market of the same
9.4				Shawn Matthles AWKR298C
)/2018			Engine Logbook Entry	AIRCRAFT: N 52VS
6894		4	CRS AWKR298C	
	WOODLAND AVI		25470 Autotion A	S/N 0601
400.4	LOOSENED AIR COMPRESSOR OUT	ONDITIONER CO	MDDECCOD DELT TELLOCOL	
420.1	SPEC. REPOSITION C	OF THE WAY, F	REMOVED THRU BOLT AND REPLA EINSTALLED DRIVE BELT AND RE-1	ACED O-RINGS. TORQUE NUTS TO
	regulations and Wa	is iouria airwoi	ent identified above was repaired thy to return to service only for re on file at this agency: Signed	the work mertarmed of
	· I I I			Shawn Matthles AWKR298C
			Chapter and the second section of the	_
		-		
	ENGINE MODEL: TSIO-550-K1B	Gryphon Aircra	ft Services, LLC.	DATE: 7/17/2018
	ENGINE S/N: 1008884 REG. NO: N52VS	Repair Station No. CRS	2SDR271B	A/C TSN: 439.7 ENG TT: 439.7
	WORK ORDER: Murrieta8963-07-2018	37680 Sky Canyon Drive #602		TSMOH: 439.7 TACH: 439.7
		Миггіеta, СА 92563 Phone: 951-698-4260		
	<b>Engine Entries</b>			
	Hobbs-534.2 Flight- 43	9.7 A48108-2 Inspected f	ilter element o.k. Serviced engine with 7 qts. Aero	
	Rull for leaks o.kVISU	ally inspect engine con	near element o.k. Serviced engine with 7 qts. Aero npartment for evidence of fuel leaks, oil leaks, exl lines, and wire bundles, no defects noted	osnell 100w & 1 Cam Guard.
			/	/
	repaired and inspected	In accordance with cur	romed on the above identified Aircraft, Engine, Pr rent FAA regulations and is APPROVED for retu	no to any inc All words performed
	under Work Order No. N	manuals or other appro	OVED DOCUMENTATION Pertinent details of the rong	ir are on file at this repair facility
	DATE: 7/17/2018	SIGNED:	Wo	ork Order: Murrieta8963-07-2018
		Glen Kratz Certified Repa	Prin Prin Station No. CRS 2SDR271B	ted by EBis 3 (datcomedia.com)
	10 10 10 10 10 10 10 10 10 10 10 10 10 1			
	ALCOHOLD TOWNS AND ADDRESS OF THE PARTY OF T			

Date 9/4/2018 W/O# 16989

Emg TSO

TTAF



#### **Engine Logbook Entry AIRCRAFT: N 22CW**

**CRS AWKR298C** 

S/N 0601

25170 Aviation Ave., Davis, CA 95616

Tach / Flight	445.4 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.	ALL WORK
	COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.	
Eng TSN	445.4 COMPLIED WITH CIRRUS SA17-05, CMI SB16-8 TURBO EXHAUST TRANSITION INSPECTION.	

COMPLIED WITH DIFFERENTIAL COMPRESSION TEST RESULTS: #1- 63/80, #2- 67/80, #3- 75/80, #4- 65/80,

#5- 71/80, #8- 65/80. MASTER ORIFICE: 45 /80. REMOVED LEFT MAGNETO PIN 10-500556-101 S/N D13GA147. INSTALLED REBUILT MAGNETO P/N BL-500556-101 S/N D18DA247R PROVIDED BY CMI, CRS# PQ1269CE UNDER W/O 645100. SET LEFT AND RIGHT MAGNETO TO ENGINE TIMING.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

				hy condition. Signed_ si	nawn Matthies AWKR298C
ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884	Gryphon Aircraft Repair Station No. CRS 25		LLC.	DATE: 11/1/2 A/C TSN: 4 ENG TT: 4 TSMOH: 4	66.6 66.6
REG. NO: N22CW WORK ORDER: Murrieta9092-09-2018	37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260	JOI LE TO		TACH: 4	
checklist, oil sample	corrosion prevention corr taken (results pending (bl aned, gapped, and tested per injector seals as need	Spark Plugs.	Run for leaks o.k Instal	Completed oil change IAW Savvy debris and none found, Serviced w GAMljector Kit P/N TIGT-550-19C	rith 7 S/N
repaired and inspec	spect to only the work per ted in accordance with cu ice manuals or other app do. Murrieta9092-09-2018	roved docume	entation. Pertinent details o	ngine, Propeller or Appliance was of for return to service.All work perfor the repair are on file at this repair t	
DATE: 11/1/2018	SIGNED:		21100	Work Order: Murrieta9092-0 Printed by EBis 3 (datcomedi	
	Glen Kratz Certified Re	pair Station N	No. CRS 2SDR271B	Printed by Ebis 3 (dates) in the	
			1 of 1		
ENGINE MODEL:	Gryphon Aircra	t Services	s, LLC.	DATE: 12/ A/C TS	13/2018 N: 468.8
TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER:	Repair Station No. CRS 2 37680 Sky Canyon Drive #602	SDR271B		TSMO	T: 468.8 H: 468.8 H: 468.8
Murrieta9216-11-2018	Murrieta, CA 92563 Phone: 951-698-4260				
NK2R034L. Set up fu	ectors	IAVV CONTING		G Supply, W.O.22858-1 FAA CR\$ #6 and #3 Fuel Injectors with NEW	
repaired and inspect	pect to only the work per ed in accordance with co ce manuals or other app o. Murrieta9216-11-201	roved docum	nentation Pertinent details	Engine, Propeller or Appliance wa ED for return to service. All work pe of the repair are on file at this repa	air facility
DATE: 12/13/2018	SIGNED:		DVA	Work Order: Murrieta9216	
DATE: 12/13/2010	Glen Kratz	pair Station	No. CRS 2SDR271B	Printed by EBis 3 (datcom	edia.com)



	Total	Time		nce Last rhaul	Ligine Scivice and ivid	intenance Record
Date	Hours	Min	Hours	Min	Record maintenance actions including installation and compliance with inspect Special Inspections, Modifications and Section 2015	g engine part removal and
Carried forward -	7 1 10 mg	-			Market Supposition and the State and the Sta	
ENGINE MODEL	Gry	phon Air	craft Servi	ces, LLC.	DATE: 1/7/2019 A/C TSN: 482	
TSIO-550-K1B ENGINE S/N: 100 REG. NO: N22CV	8884 Repair	Station No.	CRS 2SDR271B		ENG TT: 482 TSMOH: 482 TACH: 482	4
WORK ORDER: Murrieta9276-01-2	019 #602 Murriet	ta, CA 92563				
		951-698-426	0			
Engine Entri	ART Continues	tors with "D	" sized injecto	rs from GAMI	jectors, Replaced upper deck air line grommets. Adjusted	
III-b Cad fral for	w to achieve 4 ach Av-Blend a	0 +/- fuel flo additives I	ow Change nspected filter	element o.k	Lubricated waste-gate linkage and Exhaust slip	
	ected in accord ervice manuals	dance with or other a	current FAA roproved docup	egulations an pentation. Pe	ntified Aircraft, Engine, Propeller or Appliance was d is APPROVED for return to service.All work performed rtinent details of the repair are on file at this repair facility	
and the second s				IN	NO Work Order: Murrieta9276-01-2019	
DATE: 1/7/2019		SIGNED:			Printed by EBis 3 (datcomedia.com)	
			epair Station I	No. CRS 2SD	The second secon	and the same of th
						The second
ENGINE MODEL:	Grypho	n Aircra	ft Service	LIC	DATE: 4/16/2019	
TSIO-550-K1B ENGINE S/N: 1008884		on No. CRS		o, LLO.	A/C TSN: 495 ENG TT: 495	Later the state of
REG. NO: N22CW WORK ORDER:		Canyon Drive			TSMOH: 495 TACH: 495	
Murrieta9476-04-2019	Murrieta, CA Phone: 951-6	92563 598-4260			The second of th	
<b>Engine Entries</b>		Company of the same				Self-segarities substitute
Removed throttle bod	DIN CECTOE	4 S/N A13	FA161, replac	ed throttle be	ody with new unit P/N 656785-7 S/N A18GA193,	
adjusted idle & idle mi	vture IAIM Cirr		antor 72 lube			
adjusted idle & idle mi	xture IAW Cirr		apter 73, lube			
I Certify that with resper	ect to only the	work perfro	omed on the a	bove identifications and is	ed Aircraft, Engine, Propeller or Appliance was	S. History
I Certify that with resperepaired and inspected IAW applicable service	ect to only the fin accordance manuals or ot	work perfro	omed on the a ent FAA regured dogument	bove identifications and is		
I Certify that with resper	ect to only the fin accordance manuals or ot	work perfro	omed on the a ent FAA regured dogument	bove identifications and is	ed Aircraft, Engine, Propeller or Appliance was	N. Henry
I Certify that with resperepaired and inspected IAW applicable service	ect to only the din accordance manuals or of Murrieta9476-	work perfre e with curre ther approv 04-2019. F	omed on the a ent FAA regured dogument	bove identifications and is	ed Aircraft, Engine, Propeller or Appliance was	
adjusted idle & idle mi I Certify that with responsive and inspected IAW applicable service under Work Order No.	ect to only the et in accordance manuals or of Murrieta9476-	work perfro e with curro ther approv 04-2019. F	omed on the a cent FAA regulated to during the period document FAA CRS #2S	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with responsive and inspected IAW applicable service under Work Order No.	ect to only the et in accordance manuals or of Murrieta9476-	work perfro e with curro ther approv 04-2019. F	omed on the a ent FAA regured dogument	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with responsive and inspected IAW applicable service under Work Order No.	ect to only the et in accordance manuals or of Murrieta9476-	work perfro e with curro ther approv 04-2019. F	omed on the a cent FAA regulated to during the period document FAA CRS #2S	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with responsive and inspected IAW applicable service under Work Order No.	ect to only the et in accordance manuals or of Murrieta9476-	work perfro e with curro ther approv 04-2019. F	omed on the a cent FAA regulated to during the period document FAA CRS #2S	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi  I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019	ect to only the et in accordance manuals or of Murrieta9476-	work perfro e with curro ther approv 04-2019. F	omed on the a cent FAA regulated to during the period document FAA CRS #2S	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B	ect to only the din accordance manuals or of Murrieta9476- SIGN Glen Certifi	work perfree with current ther appro- 04-2019. If the second seco	omed on the a cent FAA regulated to during the period document FAA CRS #2S	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW	ect to only the office of the only the office of the only the office of the office of the office of the office off	work perfire e with current ther approv 04-2019. If IED:  Kratz gied Repair  Aircraf	apter 73, lube omed on the a ent FAA regu red dourgen FAA CKS #2S Station No. (	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ant details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)	
adjusted idle & idle mi I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884	ect to only the din accordance manuals or of Murrieta9476-SIGN Glen L Certifi  Gryphon Repair Station 37680 Sky Cai #602	work perfree with current ther approximately perfect that the perfect that	apter 73, lube omed on the a ent FAA regu red dourgen FAA CKS #2S Station No. (	above identifications and is lation. Pertine DR271B.	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ant details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)  DATE: 5/1/2019 AC TSN: 495 ENG TT: 495	
adjusted idle & idle mi I Certify that with resprepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER:	ct to only the to in accordance manuals or of Murrieta9476- SIGN Glen Certifit  Gryphon Repair Station 37680 Sky Cai	work perfire e with current ther approval of the current there approval of the current there approval of the current there are the current	apter 73, lube omed on the a ent FAA regu red dourgen FAA CKS #2S Station No. (	above identifications and is lation. Pertine DR271B.	APROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)  DATE: 5/1/2019  A/C TSN: 495 ENG TT: 495 TSMOH: 495 TSMOH: 495	
adjusted idle & idle mi I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta9493-04-2019  Engine Entries	act to only the din accordance manuals or of Murrieta9476- SIGN Glen Certifi  Gryphon Repair Station 37680 Sky Cai #602 #002 #001 Phone: 951-69	work perfire e with current ther approvided a construction of the current that the current there are the current that the cur	apter 73, lube med on the a ent FAA regu red dournen FAA CKS #2S  Station No. (  **Station	above identifications and is attion. Pertine DR271B.  CRS 2SDR27	ed Aircraft, Engine, Propeller or Appliance was APPROVED for return to service. All work performed ant details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)  DATE: 5/1/2019 A/C TSN: 495 ENG TT: 495 TSMOH: 495	
adjusted idle & idle mi I Certify that with resperepaired and inspected law applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta9493-04-2019  Engine Entries Cleaned #4 InjectorRe	ct to only the dinaccordance manuals or of Murrieta9476- SIGN Glen Certifi  Gryphon Repair Station 37680 Sky Cat #602 Wurrieta, CA 9, Phone: 951-69	work perfrire e with current ther approvided a control of the current that a control of the curr	med on the a ment FAA regulated the factor of the factor o	bove identifications and is lation. Pertine DR271B.  CRS 2SDR27	APPROVED for return to service. All work performed and details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)  DATE: 5/1/2019  A/C TSN: 495 ENG TT: 495 TSMOH: 495 TACH: 495	
adjusted idle & idle mi  I Certify that with resperepaired and inspected IAW applicable service under Work Order No.  DATE: 4/16/2019  ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta9493-04-2019  Engine Entries Cleaned #4 InjectorRegasketsReplaced #4 in Changed oil filter with A Changed oil filter with A Changed oil filter with A	act to only the din accordance manuals or of Murrieta9476- SIGN Glen I Certifi  Gryphon Repair Station 37680 Sky Cai #602 Murrieta, CA 9 Phone: 951-69	work perfree with curry ther approv 04-2019. F IED: Kratz ied Repair Aircraf i No. CRS 2: nyo, CRS 2: 2563 8-4260 Exhaust ar . Replaced	apter 73, lube med on the a ent FAA regu med do unen FAA CKS #2S  Station No. (  **Services**  **Services**  **SDR271B  **Ind Intake Lifte #**  **HA EGT pro  **HA EGT pro	chove identifications and is atton. Pertine DR271B.  CRS 2SDR27  CRS 2SDR27	APROVED for return to service. All work performed ent details of the repair are on file at this repair facility  Work Order: Murrieta9476-04-2019  Printed by EBis 3 (datcomedia.com)  DATE: 5/1/2019 A/C TSN: 495 ENG TT: 495 TSMOH: 495 TACH: 495  rod and tube gaskets, Replaced # 4 rocket cover Performed run up o.k. at this time, no leaks noted	
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Hours Min Hours Min Record maintenance actions including engine part removal a installation and compliance with inspections, Airworthiness Directive Special Inspections, Modifications and Service Bulletins		Total	Time	Time Sin Over	Value of the control	Engine Service and Maintenance Record
Maine Aviation (207) 780-1811 • Fax (207) 772-6900	Date	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
Maine Aviation (207) 780-1811 • Fax (207) 772-6900	arried forward	d ———— t	<b>→</b>			
		Maina	Avia	tion	406	
			intenan			CRS FSER011E  pe/Model SN Tach ACTT

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
16-19	43851	N22CW	Cirrus SR22T	0601	668.8	
15W-50 c	bil. Engine run his aircraft was espect to the w	up—no leaks noted.			ations of the FAA and is:  CRS FSER01  Type and Certificate	approved for return to
					Will be a server and the server of the server of	
	INE MODEL:	Gryphon Aircraft \$	Services IIC		DATE: 6/14/2019	
ENG	-550-K1B INE S/N: 1008884	Repair Station No. CRS 2SD			A/C TSN: 579.2 ENG TT: 579.2	5.44
WOR	NO: N22CW K ORDER: eta9561-06-2019	37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260	TO THE STATE OF TH		TSMOH: 579.2 TACH: 579.2	
Eng	ine Entries					
I Cert	ags IAW TCM ma lled with new gasl ify that with respe	distributor block, gear and inual, install magnetos and ket and locking hardware ect to only the work perfront	checked brake fluid reservoir capacitor on RH mag, install r it time to engine Replaced # med on the above identified Air nt FAA regulations and is APPI	new contactors on I	LH and RH mags, set "E" gap 610024 S/N H-R120600.	
IAW a	applicable service	manuals or other approve Murrieta9561-06-2019. FA	ed docyme/htation. Pertinent de	etails of the repair a	are on file at this repair facility	
DATE	: 6/14/2019	SIGNED:	A CREEDING TIB.		Order: Murrieta9561-06-2019	
DATE	: 6/14/2019	SIGNED:	Station No. CRS 2SDR271B	Work		
DATE	: 6/14/2019	SIGNED:	My	Work	Order: Murrieta9561-06-2019	
DATE	: 6/14/2019	SIGNED:	My	Work	Order: Murrieta9561-06-2019	
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DATE	: 6/14/2019	SIGNED:	My	Work	Order: Murrieta9561-06-2019	

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N22CW	EN		9/17/19			
Cirrus	SR22 T	S/N 0601	Flight	599.0	Hobbs	
Continental	TSIO550K1	S/N 1008884	Flight	599.0	Hobbs	742.7
Hartzell	PHC-JY31F-1N	S/N NJ791B	Flight	599.0	Hobbs	742.7
	CONTRACTOR OF THE STREET			Harris Indian		742.7

Performed ground run. Removed cowling. Performed compression test - #1 48/80, #2 61/80, #3 70/80, #4 42/80, #5 70/80, and #6 65/80 - M/O 43/80. Removed spark plugs, and cleaned lead spring contacts. Borescope inspection found deficiencies. Removed #1, #2, #4, and #6 cylinders, and routed to Bolduc Aviation for repair under WO#32051. Reinstalled repaired cylinders #1, #2, #4, and #6. Installed new Tempest fine wire spark plugs P/N URHB32S. Removed and cleaned magnetic drain plug, found normal debris. Drained oil; took oil sample to route to Blackstone for analysis. Oil filter inspected; normal indications noted. Installed new Tempest oil filter P/N AA48109 and serviced with 8 quarts of 20W50 Type M oil. Removed and replaced air filter elements with new P/N 27166-001. Lubricated throttle, prop control rods, and mixture rods. Adjusted magneto-to-engine timing from left @ -0.7° and from right @ +0.6° of nominal of 24° BTDC to both at 24° BTDC. Removed magneto pressurization filter and replaced with new P/N 1396-2; next replacement due 7/2022 or at 899.0 flight hrs. Performed Engine-driven fuel pump leak check per Cirrus maintenance manual; re-clocked, and found satisfactory. Checked alternate air door; found satisfactory. Checked oil breather tube and relief hole; found satisfactory. Checked alternator #1 brushes per Cirrus maintenance manual; found satisfactory. Adjusted oil pressure up 1/2 turn. Tested #4 CHT probe with calibration kit; check found within +/- 5° @ 300. Cleaned turbo oil inlet filter. Serviced wastegate with mouse milk. Removed left turbo adapter plate, and routed for weld repair; reinstalled repaired adapter plate. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #22CW2 for details.) THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN

ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA. FOR AN ANNUAL INSPECTION, AND IS APPROVED

FOR RETURN TO SERVICE. JIM BARKER A&P/IA 2755069

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N22CW	ENGI	9/19/19				
Cirrus	SR22 T	S/N 0601	Flight	599.9	Hobbs	744.0
Continental	TSIO550K1	S/N 1008884	Flight	599.9	Hobbs	744.0
Hartzell	PHC-JY31F-1N	S/N NJ791B	Flight	599.9	Hobbs	744.0

Removed cowling. Removed all 6 GAMI fuel injectors and cleaned; reinstalled #1, #2, #4, and #6 fuel injectors. Installed 19C series size "D" in position #3, and installed series 19C size "B" in position #5. IAW General Aviation Modifications Inc. STC SE0996SC. Adjusted high fuel flow out 1/2 turn. Cleaned fuel flow connector at baffle wall. Installed cowling. Ground run and leak check found satisfactory. (Refer to Job #22CW2 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND AS APPROVED FOR RETURN TO

SERVICE.

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N22CW	ENGI	9/27/19				
Cirrus	SR22 T	S/N 0601	Flight	600.4	Hobbs	744.6
Continental	TSIO550K1	S/N 1008884	Flight	600.4	Hobbs	744.6
Hartzell	PHC-JY31F-1N	S/N NJ791B	Flight	600.4	Hobbs	744.6

Removed cowling. Removed spark plugs. Complied with TCM Cylinder Modification SB 18-08A by grinding down #3 & #5 cylinders. Installed spark plugs. Installed cowling. (Refer to Job #22CW2 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAMOAND APPROVED FOR RETURN TO

SERVICE.

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Cumberland, WI 54829

N22CW	ENGI	10	/01/19			
Cirrus	SR22 T	S/N 0601	Flight	601.0	Hobbs	
Continental	TSIO550K1	S/N 1008884	Flight	601.0		745.5
Hartzell	PHC-JY31F-1N	S/N NJ791B			Hobbs	745.5
THE RESERVE	The Party of the Land	5/14/13/318	Flight	601.0	Hobbs	745.5

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val and irectives,

Removed cowling. Removed #3 GAMIjector series 19C size "D" and replaced with size "B". Installed cowling. THIS AIRCRAFT THE AIRCRAFT TH

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAAR AND IS APPROVED FOR RETURN TO SERVICE.

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N22CW	ENGI	ENGINE LOG BOOK ENTRY					
Cirrus	SR22 T	S/N 0601	Flight	604.0	Hobbs		
Continental	TSIO550K1	S/N 1008884	Flight	604.0	Hobbs		
Hartzell	PHC-JY31F-1N	S/N NJ791B	Flight	604.0	Hobbs		

Removed cowling. Removed engine driven fuel pump, and replaced with overhauled unit P/N 649368-60A7OH, S/N B16HA021, and new gasket P/N SA642238; ground run and leak check found satisfactory. Installed cowling. (Refer to Job #22CW2 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAX, AND IS APPROVED FOR RETURN TO SERVICE.

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N22CW	ENGI	ENGINE LOG BOOK ENTRY				
Cirrus	SR22 T	S/N 0601	Flight	606.5	Hobbs	<b>/29/19</b> 752.7
Continental	TSI0550K1	S/N 1008884	Flight	606.5	Hobbs	752.7
Hartzell	PHC-JY31F-1N	S/N NJ791B	Flight	606.5	Hobbs	752.7

Removed cowling. Drained oil, sample taken for analysis. Removed top spark plugs. Removed oil filter and examined internal element for contamination, none found. Installed top spark plugs and torqued, cleaned ignition leads and installed. Installed new filter P/N AA48109 and 8 quarts 20W50 Type M oil. Removed #3 GAMIjector series 19C size "B", and installed size "A". Removed E6 GAMIjector series 19C size "F", and installed size "G". Rotated mechanical fuel pump counter clockwise to facilitate mixture arm sweep. Removed mixture arm nut and cotter pin, securing mixture cable to pump. Replaced rod end with new P/N HF-3M; ground run and leak check found satisfactory. Installed cowling. (Refer to Job #22CW2 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO SERVICE.

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1	ENGINE/PROP DYNAI  — POLAR PLOT - 1.0 INS FS —		
	— FOLK PLOT - TO HESTS	Operator Comments Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Heliutt doc AW 9511-2 dated 12 June 11 and	ice and Maintenance Recor
		dos ADSS Microvib II equipment and using DSS Microvib II equipment and application note AN-MV2 Prop Rev 00 1 ally 2003. Initial IPS of ,121 @ 2500 rpm reduced to .023 IPS @ 2500 rpm by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755089 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 6787 Cell (716) 497 1303 Jim@aviationvibes.com	actions including engine part removal ar iance with inspections, Airworthiness Directive lodifications and Service Bulletins
	N22CW Cirrus SR 22 T 0601 608.5 Hrs Cont/Hart 1008884 Front of engine MicroVib II SN:1177 Cal:03/20/2011 Initial: 0.121 IN/S @ 2499 6 RPM Final: 0		
	Date:10/29/2019	Jim Barker	
	(Mac Kwright		
-	ENGINE MODEL: TSIC-550-K1B ENGINE S/N: 1008884 REG. NO: N2CW WORK ORDER: Murneta998-01-2020 MODEL: Gryphon Aircraft Gryphon Aircraft 37860 Sky Canyon Drive #602		DATE: 1/10/2020 A/C TSN: 626.1 ENG TT: 626.1 TSMOH: 626.1 TACH: 626.1
-	Murrieta, CA 92563 Phone: 951-898-4280 Engine Entries		
	Applied Stabilant 22 on Tach connection on RH on noted reinstalled cover IAW MM Changed oil	engine baffle, remove ALT #2 cover preformed visuand filter with 8 qts. AS-w100 oil and AA48108-2 oi	l filter. Inspect filter element
	<ul> <li>o.k.,run for leaks o.k Inspected engine compar this time Removed turbo support bracket and r</li> </ul>	tment for general condition and defects, checked I	brake fluid reservoir ok at
	I Certify that with respect to only the work perform repaired and inspected in accordance with curren	ed on the above identified Aircraft, Engine, Prope	ller or Appliance was
	iAvv applicable service manuals or other approved	documentation. Pertinent details of the repair are	service All work performed
	IAW applicable service manuals or other approved under Work Order No. Murrieta9908-01-2020. FA.  DATE: 1/10/2020 SIGNED:	documentation. Pertinent details of the repair are A CRS #2SDR271B.	service.All work performed on file at this repair facility
	under Work Order No. Murrieta9908-01-2020. FA.  DATE: 1/10/2020 SIGNED:  Johnny Wildman	d documentation. Pertinent details of the repair are A CRS #2SDR271B.  Work Or  Printed b	service All work performed
	under Work Order No. Murrieta9908-01-2020. FA.  DATE: 1/10/2020 SIGNED:  Johnny Wildman	A CRS #2SDR271B.  Work Or	service. All work performed en file at this repair facility der: Murrieta 9908-01-2020
	DATE: 1/10/2020 SIGNED:  Johnny Wildman Certified Repair St	A CRS #2SDR271B.  Work Or  Printed b.	der: Murrieta9908-01-2020  y EBis 3 (datcomedia.com)  DATE: 12/1/2020
	DATE: 1/10/2020 SIGNED:  Johnny Wildman Certified Repair St	A CRS #2SDR271B.  Work Or Printed b.  Aircraft Services, LLC. on Drive	service. All work performed con file at this repair facility der: Murrieta9908-01-2020  y EBis 3 (datcomedia.com)
	Under Work Order No. Murrieta9908-01-2020. FAJ  DATE: 1/10/2020  SIGNED:  Johnny Wildman Certified Repair St  ENGINE MODEL: TSI0-550-K1B ENGINE S/N: 1008884 REG. NO: N2CW WORK ORDER:  GRYPHON  37680 Sky Cany #602 #602 #602 #602 #602 #602 #602	Work Or Printed by A CRS #2SDR271B.  Work Or Printed by Aircraft Services, LLC.  On Drive  183  14260  Aircraft Services Inspection form. Changed oil and eck #1 74 #2 64 #3 66 #4 66 #5 62 #6 74. Cleatist for complete AD note history thru this date at ed and replaced intake rocker cover gaskets on 0-16-11 and MSB 18-08B Does not apply to Cyl Cleaned corrosion from LH & RH turbo compon. PN SIM6C SN 6C-2220037 IAW STC SE04.  PN 5217-00-3 S/N 1943. Reinstalled electric	DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TACH: 632.5 TACH: 632.5 TACH: 632.5 inder: #3 and #5 linders 1,2,4,6 and ressor intake Installed 1349CH Removed fuel pump after repair
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N2CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Airc Serviced engine with 7 qts. a/s 100w. Compression ch all spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side location and send out for repair to C.J aviation	Work Or Printed by A CRS #2SDR271B.  Work Or Printed by Aircraft Services, LLC.  On Drive  63  4260  Craft Services Inspection form. Changed oil and etck #1 74 #2 64 #3 66 #4 66 #5 62 #6 74. Clea ist for complete AD note history thru this date are dand replaced intake rocker cover gaskets on 0.16-11 and MSB 18-08B Does not apply to Cyl. Cleaned corrosion from LH & RH turbo compon. PN SIM6C SN 6C-2220037 IAW STC SEOV.  P/N 5217-00-3 S/N 1943, Reinstalled electric g # 31142 CRS # YPGR715L dated 11/12/2020.  On hour inspection and was determined to be in unuals or pother approved documentation. Pertinuals or pother approved documentation. Pertinuals or pother approved documentation.	DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TACH: 632
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Airs Serviced engine with 7 qts. a/s 100w. Compression ch all spark plugs. See AD note update sheet and master I Added Addel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma	Work Or Printed by A CRS #2SDR271B.  Work Or Printed by Aircraft Services, LLC.  On Drive  63  4260  Craft Services Inspection form. Changed oil and eck #1 74 #2 64 #3 66 #4 66 #5 62 #6 74. Cleatist for complete AD note history thru this date at ect and replaced intake rocker cover gaskets on 0-16-11 and MSB 18-08B Does not apply to Cyl Cleaned corrosion from LH & RH turbo componen. PN SIM6C SN 6C-2220037 IAW STC SEO4.  P/N 5217-00-3 S/N 1943, Reinstalled electric g # 31142 CRS # YPGR715L dated 11/12/2020.  On hour inspection and was determined to be in unuals or other approved documentation. Pertinurrieta 10 89 04-2020. FAA CRS #2SDR271B.	DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TACH: 632
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Aird Serviced engine with 7 qts. a/s 100w. Compression chall spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition. All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition.	Work Order:  Work Order:  Work Order:	particle All work performed on file at this repair facility and the second of the seco
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Aird Serviced engine with 7 qts. a/s 100w. Compression chall spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition. All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition.	Work Order:  Work Order:  Work Order:	der: Murrieta9908-01-2020  DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TSMOH: 632.5 TACH:
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Aird Serviced engine with 7 qts. a/s 100w. Compression chall spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition. All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition.	Work Order:  Work Order:  Work Order:	der: Murrieta9908-01-2020  DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TSMOH: 632.5 TACH:
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Aird Serviced engine with 7 qts. a/s 100w. Compression chall spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition. All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition.	Work Order:  Work Order:  Work Order:	der: Murrieta9908-01-2020  DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TSMOH: 632.5 TACH:
	ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta10089-04-2020  Engine Entries  Completed 100 HOUR INSPECTION per Gryphon Aird Serviced engine with 7 qts. a/s 100w. Compression chall spark plugs. See AD note update sheet and master! Added Adel clamps to engine drain manifold Remov Safety wired LH & RH exhaust turbo clamps AD 202 Cylinders 3 and 5 have been previously complied with. Sure Fly Electronic Ignition system in the left side locat electric fuel pump and send out for repair to CJ aviation was completed by CJ Aviation INC> under 8130 trackin  I Certify that this ENGINE has been inspected IAW an 1 Condition.All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition. All work performed IAW applicable service ma are on file at this repair facility under Work Order No. Michael Condition.	Work Order:  Work Order:  Work Order:	der: Murrieta9908-01-2020  DATE: 12/1/2020 A/C TSN: 632.5 ENG TT: 632.5 TSMOH: 632.5 TACH:

	Total	Time	Time Sin Over		Engine S	Service and	U IVIAII IL	enance Record
Date	Hours	Min	Hours	Min	1 11 11	enance actions d compliance with ctions, Modification	1 1115000000	ngine part removal and s, Airworthiness Directives, ce Bulletins
	· · · · · · · · · · · · · · · · · · ·						_	
NGINE MODEL: SIO-550-K1B	<b>\</b> F		ohon Aircra		es, LLC.	DATE: 5 A/C TSI ENG T		
NGINE S/N: 10088/ EG. NO: N22CW VORK ORDER: furrieta10803-05-20	ERYP	HON #602 Murriel	Sky Canyon Driv la, CA 92563 : 951-698-4260	•		TSMO	H: 651.7 H: 651.7	
Engine Entries Performed an Oil Inspected old filte Irive unit shaft IA	Change, Drai	nd found to be	OK at this tim	eRun eng	ne for leaks non notes	led new AA48108-2 oil filte at this time Installed new	er, w A/C	
enaired and insp	ected in acco	rdance with c	urrent FAArreg	gulations and entation Per	is APPROVED for re tinent details of the re	Propeller or Appliance wa turn to service.All work pe pair are on file at this repa	Torried	
DATE: 5/4/2021		SIGNED:	1	PV		ork Order: Murrieta10803-	-05-2021	
				1	. P	rinted by EBis 3 (datcome	edia.com)	
. ENGINE MO		1.	Gryphon	Aircraft	ا Services, LLC.		DATE: 6/29/2021 A/C TSN: 668.3	
TSIO-550-K ENGINE S/I REG. NO: N	N: 1008884	N.	37680 Sky Ca		-,		ENG TT: 668.3 TSMOH: 668.3	
WORK ORI Murrieta109	DER:	GRYPHON	#602 Murrieta, CA Phone: 951-6				TACH: 668.3	
Engine	Entries							
check on	all 6 cylinders	Cleaned	all 6 fuel inject	ors IAW Cor	te, Secured attaching htinental MMRemove set up IAW the CMI M	hardware Performed co ed Upper deck injection ra laintenance manual.	ompression ils cleaned and	
repaired : IAW appl	and inspected icable service	in accordance manuals or	ce with current	t FAA regula	tions and is APPROVI	Engine, Propeller or App ED for return to service.Al of the repair are on file at	I work performed	
DATE: 6/			24-06-2021. F. GNED:	AA CRS #25	S0B271B.	Work Order: Murrie	sta10924 06 2021	
DATE: 0/	29/2021	310	SNED.				(datcomedia.com	
	1		. 1			_		
			<b>Ma</b>	rtin	<b>Aviation</b>	®		
	N22CW		CIRRUS SE	R22T	S/N 0601	FLIGHT: 672.8		
	d in accorda	nce with the	Cirrus SR22/	SR22T Airp	lane Maintenance Ma	anual P/N 13773-001, Re	v. B8 dated 04	
formed the formed the formed P/N Removed P/N Cirrus AMM.	5217-00-3,	S/N 1943 Ele	ectric Fuel Pu	imp and inst	alled new P/N 42263	-001, S/N 227239 Fuel P	rump IAW	
is aircraft and	or compon	ent has been	n repaired a	nd inspecte	d in accordance wit	h current Federal Air	Regulations and	
ned Ma	hand of	hu		W.O# 23				
,	0			ael Rogers	- Inspector		Dated 07/01/2021	-
		1930	0 IKE JONE		MAINTENANCE SANTA ANA, CA 9 7R406N	2707		
				Page 1	of 1			
ENGINE MO			Grypho	on Aircra	ft Services, LLC		DATE: 7/16/2	
ENGINE S/I	N: 1008884	N/		Canyon Drive			A/C TSN: 67 ENG TT: 67 TSMOH: 6	77.2
WORK ORD Murrieta 109	ER:	ORTPHO	Murrieta, C Phone: 95	A 92563 1-698-4260			TACH: 6	
Engine I	Entries			- word mySSP.				
Removed a run up le	oil filter, Rep eak check wi	laced filter w th no leaks n	vith new AA48 noted. Reinsta	3108-2 and	safetied. Serviced en	d A oil sample, Sent sam gine with 7 quarts Aerost e compartment for gener tor brushes, Inspected ar	nell 100W. Perform	one, med
Checked Removed	alternator co	nnections, N plugs, clean	o defects not	ed.		pec. Removed Turbo che		and
I Certify t	nat with resp	ect to only th	e work perfor	rmed on the	above identified Airc	craft, Engine, Propeller o	r Appliance was	
	and incherte	d in accorda			julations and is APPF	- ,		1. Charles

DATE: 7/16/2021

SIGNED:

Work Order: Murrieta10982-07-2021
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. NO: N22CW WORK ORDER Murrieta11034-08-2021



37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260

DATE: 8/9/2021 A/C TSN: 725.8 ENG TT: 725.8 TSMOH: 725.8 Sullaling

"SOUNGS"

TACH: 725.8

#### **Engine Entries**

Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Aeroshell w100. Performed a run up leak check with no leaks noted, Reinstalled cowlings... Inspected engine compartment for general condition and defects, checked brake fluid reservoir... Installed new GAMI fuel injectors in cylinders #3,6 IAW Continental MM.... Adjusted

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed law applicable service manuals or other approved eccumentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta 11034-08-2021. FAACRS #PSDR271B.

Work Order: Murrieta11034-08-2021

ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta11285-12-2021



#### Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260

Printed by EBis 3 (datcomedia.com) DATE: 1/21/2022 A/C TSN: 727.8 ENG TT: 727.8 TSMOH: 727.8 TACH: 727.8

#### **Engine Entries**

Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Serviced engine with 7 qts. Phillips 20W50XC. Compression check #1 74 #2 74 #3 72 #4 75 #5 69 #6 76. Cleaned, gapped and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date and current and tested all spark plugs see AD note update sneet and master list for complete AD note flistory tillu tills date and our revision.... Timed RH magneto to spec as per engine data plate.... Installed new rivet on RH aft engine baffle IAW Cirrus AMM... Removed rocker covers and old gasket cleaned inspected and reinstalled with silicon style gaskets IAW Cirrus AMM... Re bonded LH turbo inlet sleeve, Let cure for 24 hours per the Cirrus

I Certify that this ENGINE has been inspected IAW an 100 Hour inspection and was determined to be in AIRWORTHY Condition.All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta 1289 12/1021 EAA CRS #2SDR271B.

Work Order: Murrieta11285-12-2021

ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta11407-03-2022



#### Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260

DATE: 3/22/2022 A/C TSN: 753.8 ENG TT: 727.8 TSMOH: 727.8 TACH: 753.8

#### **Engine Entries**

Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Phillips 20w-50xc. Performed a run up leak check with no leaks noted, Reinstalled cowlings.... Inspected engine compartment for general condition and defects, checked brake fluid reservoir... Lubricated waste gate IAW Cirrus AMM

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed under Work Order No. Murrieta11407-03-2022. FAA CRS nent details of the repair are on file at this repair facility 2SDR

DATE: 3/22/2022

SIGNED:

Work Order: Murrieta11407-03-2022 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta11502-05-2022



#### Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260

DATE: 6/6/2022 A/C TSN: 759.1 ENG TT: 733.1 TSMOH: 733.1 TACH: 759 1

#### **Engine Entries**

Replaced #4 cylinder, Exhaust lifter, Exhaust springs (inner and outer), Rotocoil assy, valve keepers, pushrod tube seals, IRW

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IAW applicable service manuals or other approved documentation. Rettigent details of the repair are on file at this repair facility

DAI	E.	O/t	3/2	J22
_	_	_	_	

SIGNED Work Order: Murrieta11502-05-2022 Delete II Ent e

Total Time 
Time Since Last Overhaul 

Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections. Modifications and Service Bulletins

ENGINE MODEL: TSIO-550-K1B ENGINE S/N: 1008884 REG. NO: N22CW WORK ORDER: Murrieta11535-06-2022



Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260 DATE: 7/18/2022 A/C TSN: 763.7 ENG TT: 737.7 TSM OH: 737.7

#### **Engine Entries**

Adjusted engine oil pressure up to spec.... Replaced #4 fuel injector with new GAMI injector IRW Continental MM.... Removed RH magneto PN 10-500556-101 SN D13GA148, replaced with repaired magneto PN BL-500556-101 SN D13DA247R with new gasket and bushings IRW Continental MM.... Gaped SureFly plugs to 025... Cleaned LH TIT probe connection with Stabilant 22.... Performed A fuel system set up IRW the Continental MM & Cirrus AMM... Installed #4 cylinder intake push tube and lifter after removed and inspected, Torqued hardware to CMM spec.... Installed after repairs were completed by Great Planes, Fuel pump P/N 649368-60A7 S/N B16HA021 Throttle body P/N 656785-7 S/N A18GA193 Fuel flow divider P/N 646433-17A1 S/N C13FA135 IRW Continental MM.... Replaced all upper deck rubber hoses with new IRW Continental MM.... Replaced #5 fuel injector with new GAMI injector IRW Continental MM.

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service in anuals or other approved documentation. Pertinent details of the repair are on file at this repair facily under Work Order No. I furrieta 1535-06-2022. FAA CRX #2\$PP271B

DATE: 7/18/2022

SIGNED:

Work Order: Murrieta11535-06-20\_2

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AVIATION RESOURCES 
101 Airport Ave, Hangar7
Cumberland, WI 54829

N22CW	ENGI	8/8/2022				
Cirrus	SR22 T	S/N 0601	Flight	779.7	Hobbs	989.3
Continental	TSIO 550K1	S/N 1008884	Flight	779.7	Hobbs	989.3
Hartzell	PHC-J3Y1F-1N	S/N NJ791B	Flight	779.7	Hobbs	989.3

Removed cowling. Accessed #3 and #5 cylinder exhaust valve guides; found internal dimension correct. Drained oil. Flushed #3 and #5 cylinders with solvent. Installed 8 quarts Phillips 20W50XC oil. Assembled with new lock tabs. Calibration check of CHT indication system found rise speed within 10 seconds of each probe. Replaced #3 (C) and #5 (E) with used (E) fuel nozzles. Checked timing; adjusted magneto from .8° (retarded) and SureFly from 1.5° (retarded) to both at 24° BTDC. Adjusted idle mixture to 30 rpm rise. Leak check and ground run found satisfactory. Installed cowling. (Refer to Job #22CW3 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA. AND SAPPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

Cell (715) 491-1303

Email jim@aviationvibes.com

A&P 2755069

AVIATION RESOURCES, LLC Hangar (715) 822-5787 www.aviationvibes.com

AVIATION RESOURCES 
101 Airport Ave, Hangar7
Cumberland, WI 54829

N22CW	ENGINE LOG BOOK ENTRY 8/11/							
Cirrus	SR22 T	S/N 0601	Flight	780.9	Hobbs	991.1		
Continental	TSIO 550K1	S/N 1008884	Flight	780.9	Hobbs	991.1		
Hartzell	PHC-J3Y1F-1N	S/N NJ791B	Flight	780.9	Hobbs	991.1		

Removed cowling. Removed existing SureFly harness, all spark plugs, and #2 induction tube. Installed pressurized harness on SureFly and routed to all lower spark plug locations. Positioned all magneto leads on #1, #3, and #5 cylinders to TOP spark plugs. Installed new Tempest URHB32S spark plugs at standard gap for magneto and gapped all SureFly plugs to .025". Timed SureFly to 25° BTDC and magneto to 22° BTDC (limits of Type Certificate). Installed #2 induction tube with new gasket. The above is considered a minor alteration to the SureFly installation. Leak check and ground run found satisfactory. Installed cowling. (Refer to Job #22CW3 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS NAPEGTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE PAA, AND 18 APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

Cell (715) 491-1303

Email jim@aviationvibes.com

A&P 2755069 2

AVIATION RESOURCES, LLC Hangar (715) 822-5787 www.aviationvibes.com

ENGINE MODEL:
-TSIO-550-K1B
ENGINE S/N: 1008884
REG. NO: N22CW
-WORK ORDER:
Murrieta11861-12-2022



#### Gryphon Aircraft Services, LLC.

37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260 DATE: 1/20/2023 A/C TSN: 855.6 ENG TT: 829.6 TSMOH: 829.6 TACH: 855.6

#### **Engine Entries**

Completed 100 HOUR INSPECTION per Cirrus Aircraft SR2X AMM Inspection Checklist. Changed oil and filter AA48108-1. Serviced engine with 7 qts. Aeroshell 100W. Compression check #1 71 #2 77 #3 63 #4 73 #5 61 #6 78. Cleaned, gapped and tested all spark plugs. See AD note update sheet and master list for complete AD note history thru this date and current revision.... Adjusted oil pressure down to 52/54 PSI IRW the Continental M-0... Completed borescope of all 6 cylinders no noted items at this time.... Replaced fuel drain line IRW Continental MM and Cirrus AMM.... Removed propeller and worn crank seal. Install new crank seal and install propeller with new o-ring and mounting nuts IRW Continental MM & Cirrus AMM.... Removed LH turbo drain reservoir cleaned prepped and reinstalled using new gasket in reference to Continental MM.... Stop drilled crack on RH engine baffling in reference to Cirrus AMM.... Installed new spark plug in reference to Continental MM.... Adjusted upper fuel manifold drain line in reference to Cirrus AMM.... Replaced #3 fuel line with new in reference to Cirrus AMM.... Replaced #6 EGT probe with new IRW Cirrus AMM.... Replaced LH TIT probe with new IRW Cirrus AMM

I Certify that this ENGINE has been inspected IRW a ANNUAL inspection per the MFG's inspecion check list and was determined to be in AIRWORTHY Condition. All work performed IRW applicable service

DATE: 1/20/2023

SIGNED:

Work Order: Murrieta11861-12-2022

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ENGINE MODEL: TSIO-550-K1B

ENGINE S/N: 1008884

REG. NO: N22CW

WORK ORDER: Murrieta 12016-03-2023



# Gryphon Aircraft Services, LLC.

37920 Sky Canyon drive Suite 1001 Murrieta, CA 92563 Phone: 951-698-4260

DATE: 4/25/2023 A/C TSN: 883.2 ENG TT: 857.2 TSMOH: 857.2 TACH: 883.2

## Engine Entries

DATE: 4/25/2023

Performed a engine run up, Removed cowlings, Drained engine oil and recovered A oil sample, Sent sample out to Blackstone, Removed oil filter, Replaced filter with new AA48108-2 and safetied. Serviced engine with 7 quarts Aeroshell 100W. Performed a run up leak check with no leaks noted, Reinstalled cowlings, all work performed IRW Cirrus AMM & Continental M-0.... Inspected engine compartment for general condition and defects, checked brake fluid reservoir... Lubricated waste-gate

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. All work performed IRW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta12016-03-2023. FAA CRS #2SDR271B.

SIGNED:

Work Order: Murrieta12016-03-2023

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