

THE
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AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ZEPHYR AIRCRAFT ENGINES INC.

39320 B, Avenue. Zephyrhills FL. 33542
(813) 788-3305. FAX (813) 788-4412

W.O. No. 219081
Mfg. Continental
Serial No. 913923

N123VG

Dated June 27, 2019

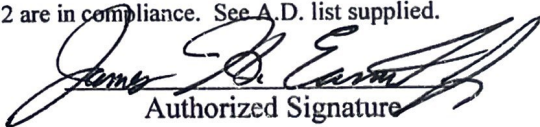
Model IO-550-N (27)

Engine Total Time. 2156.0

Time since Major Overhaul. 0.00

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts Limits. The Engine was disassembled, cleaned, and inspected in accordance with Manufacturer's instructions. All steel parts magnafluxed, reassembled and test run in accordance with manufacturer's current overhaul manual and in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O. # listed above. All applicable Airworthiness Directives thru 2019-12 are in compliance. See A.D. list supplied.

F.A.A. APPROVED REPAIR STATION #VI4R397M


 Authorized Signature
 James H. Earnest Jr.

Installed (6) new TCM cylinder assemblies P/N.658595A2BP. Cylinders were port flowed to remove cylinder head casting imperfections by LY-CON REBUILDING CO. CRS#CT3R435L. Cylinder S/N's (1) 66131-1, AC18GA750, (2) 66131-2, AC18GA775, (3) 66131-3, AC18GA760, (4) 66131-4, AC18GA773, (5) 66131-5, AC18GA754, (6) 66131-6, AC18GA155.
Magnetos NOT O/H'ed, continued time per owner's request.



Components, Accessories, & Related Parts supplied or installed.				Overhauled	Repaired	Not Repaired
Fuel Servo	P/N	653353-8A1	S/N A03GA107	X		
Fuel Flow Divider	P/N	646433-9A1P	S/N C03GA088	X		
Fuel Pump	P/N	655921-1A5	S/N B03GA091	X		
Left Magneto	P/N	10-500556-1	S/N D04LA161			X
Right Magneto	P/N	10-500556-1	S/N D08BA326			X
Oil Cooler	P/N	10281A/654585	S/N F03-2147-323	X		
Spark Plugs	P/N	URHB32S	Ignition Harness		P/N 10-423674-19	
Oil Filter	P/N	CH48109-1				



SUB-TOTALS this page

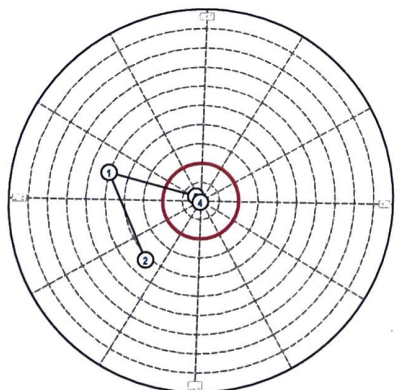
TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
July 16, 2019	N123VG	CIRRUS SR22	S/N 0383	Hobbs 2157.5 Hrs	
	Continental	IO-550-N(27)	S/N 913923	TTE 2156.0 Hrs	TSOH 0.0 Hrs
	Hartzell	PHC-J3YF-1RF	S/N FP1974B	TTP 2157.5 Hrs	TSOH 0.0 Hrs
<p>Removed cowling. Removed IO-550-N engine S/N 686700, (with supercharger system) and installed IO-550-N(27) S/N 913923 (with supercharger system) overhauled by Zephyr Aircraft Engines under WO#219081. Installed new Tempest oil filter P/N AA48109 and serviced with 8 quarts of Aeroshell 100 mineral oil. Installed new Tempest 24V starter P/N PL13484. Serviced supercharger with fresh oil per FAT SB 0714-002 7/14/16 Rev IR and performed drive torque check per FAT SB SR22-11-1-0014/11/2014 Rev A, no faults noted. Adjusted magneto-to-engine timing to 22° BTDC. Removed manifold pressure, induction air temp sensor, tachometer and oil pressure moxex connectors and installed a new manifold pressure harness and an oil pressure harness with ring terminals, aircraft hardware, heat shrink and adapter plate at airframe connection points. Removed mixture cable and replaced with new P/N 14065-101. Removed mixture control rod end and replaced with new P/N HF-3M. Removed throttle quadrant lever assembly and replaced with new; replaced quadrant bolt safety pin. Removed prop governor rod end and replaced with new P/N 11314-003. Performed ground run and leak check; found satisfactory. Reinstalled cowling. (Refer to Job #123VG1, 123VG2 for details.)</p>					
<p>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.</p>					
<p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p>					
<p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>					
July 16, 2019	N123VG	CIRRUS SR22	S/N 0383	Hobbs 2158.5 Hrs	
	Continental	IO-550-N(27)	S/N 913923	TTE 2157.0 Hrs	TSOH 1.0 Hrs
	Hartzell	PHC-J3YF-1RF	S/N FP1974B	TTP 2158.5 Hrs	TSOH 1.0 Hrs
<p>Removed cowling. Adjusted oil pressure in 1 full turn. Removed all 6 fuel injectors and installed original nozzles from previous engine; cleaned and installed 12 new O-rings P/N SA630979-9. (Refer to Job #123VG1 for details.)</p>					
<p>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.</p>					
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<p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>					
July 17, 2019	N123VG	CIRRUS SR22	S/N 0383	Hobbs 2161.3 Hrs	
	Continental	IO-550-N(27)	S/N 913923	TTE 2159.8 Hrs	TSOH 3.8 Hrs
	Hartzell	PHC-J3YF-1RF	S/N FP1974B	TTP 2161.3 Hrs	TSOH 3.8 Hrs
<p>Removed cowling. Removed all 6 fuel injectors and installed General Aviation Modifications Inc. GAMInjectors kit P/N TIG-550-12E, S/N 28339 - IAW STC SE09963SC. See FAA 337 form dated 7/17/19. Reinstalled cowling. (Refer to Job #123VG1 for details.)</p>					
<p>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.</p>					
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04/11/2022 8:59 AM

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
July 18, 2019				
N123VG	CIRRUS SR22	S/N 0383	Hobbs 2163.4 Hrs	
Continental	IO-550-N(27)	S/N 913923	TTE 2161.9 Hrs	TSOH 5.9 Hrs
Hartzell	PHC-J3YF-1RF	S/N FP1974B	TTP 2163.4 Hrs	TSOH 5.9 Hrs
<p>Removed cowling, removed #2 cylinder baffle, and replaced with new P/N ETI-G2-802. Removed #5 fuel nozzle – series 12E, size “E”, installed series 12E, size “D”, and torqued to 55 in. lbs. Ground run, leak check and ops check found satisfactory. Installed cowling. (Refer to Job #123VG1 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.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p>				
			  <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>	

July 30, 2019				
N123VG	CIRRUS SR22	S/N 0383	Hobbs 2177.2 Hrs	
Continental	IO-550-N(27)	S/N 913923	TTE 2179.6 Hrs	TSOH 17.7 Hrs
Hartzell	PHC-J3YF-1RF	S/N FP1974B	TTP 2177.2 Hrs	TSOH 17.7 Hrs
<p>Removed cowling, removed left magneto and ignition harness. Removed #3 and #5 fuel injector lines, installed #3 and #5 fuel lines from previous engine; leak check found satisfactory. Replaced reference line fittings with new P/N AN842-6D, P/N AN917-2D, P/N QS200M10H and 2 P/N AN840-6D. Removed supercharger induction tube from #6 cylinder area to throttle body, and replaced with a 1/2” longer tube of same material and thickness. Installed Surefly Partners Ltd. Electronic ignition module, model SIM6C Rev IR, S/N 6C2919026 – IAW SE04378CH and AML dated 10/31/18; installed new ignition harness to all lower spark plugs. Manifold Pressure reference is NOT installed. See FAA 337 form dated 7/30/19. Increased all lower spark plug gaps to .032”; timed right magneto to 22° BTDC. Ground run, leak check and ops check found satisfactory. Installed cowling. (Refer to Job #123VG1 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.</p> <p>JIM BARKER A&P/IA 2755069 Hangar (715) 822 5787 Cell (715) 491 1303 Email jim@aviationvibes.com</p>				
			  <p>AVIATION RESOURCES, LLC 101 Airport Ave, Hangar #7 Cumberland, WI 54829 www.aviationvibes.com</p>	

		<p align="center">ENGINE/PROP DYNAMICALLY BALANCED</p> <p align="center">— POLAR PLOT - 1.0 IN/S FS —</p>  <p align="center">Operator Comments</p> <p>Performed a dynamic propeller balance IAW FAA APPROVED Chadwick Helmuth doc AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev 00 1 July 2003. Initial IPS of .504 @ 2600 rpm reduced to .008 IPS @ 2606 rpm by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303 Jim@aviationvibes.com www.aviationvibes.com</p>	
		<p>N123VG Cirrus SR G1 383 17.7 Hrs Cont/Hart 913923 Front MicroVib II SN:1177 Cal:03/20/2019 Initial: 0.504 IN/S @ 2600.5 RPM Final: 0.007 IN/S @ 2605.6 RPM</p> <p>Oper: _____ Date: 07/29/2019</p>	
		<p>Jim Barker</p>	

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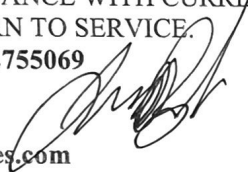
July 30, 2019

N123VG **CIRRUS SR22** **S/N 0383** **Hobbs 2177.2 Hrs**
Continental **IO-550-N(27)** **S/N 913923** **TTE 2179.6 Hrs** **TSOH 17.7 Hrs**
Hartzell **PHC-J3YF-1RF** **S/N FP1974B** **TTP 2177.2 Hrs** **TSOH 17.7 Hrs**

Accessed aircraft. Disconnected and removed Hobbs meter, installed dual Hobbs meter adapter plate P/N 19981-001, reinstalled and connected existing Hobbs meter and installed new Hobbs meter P/N 50485-001 and connected to new universal switch P/N USW-1. This meter pre run to calculated engine TSOH and will now indicate Engine TSOH. Removed left magneto and ignition harness. Installed Surefly Partners Ltd. Electronic ignition module, model SIM6C Rev IR, S/N 6C2919026 – IAW SA04378CH and AML dated 2/15/19; installed new ignition harness to all lower spark plugs. Magneto harness routed to all top spark plugs. Lower spark plug gap increase to .032” This is considered a minor change. Manifold Pressure reference is NOT installed. See FAA 337 form dated 7/30/19. Closed aircraft. (Refer to Job #123VG1 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.

JIM BARKER A&P/IA 2755069
 Hangar (715) 822 5787
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 Email jim@aviationvibes.com




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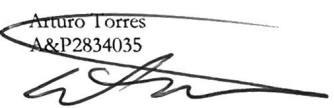
N123VG ✦ SANTA FE **Engine Log**
AERO SERVICES

AVIONICS
 MAINTENANCE
 SALES

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

Date: 8/14/2019	Make: TCM	Model: IO-550-N	S/N: 686700
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Tach: N/A **Hobbs:** 2202.6 **TSMOH:** 0038.5
 PERFORMED ENGINE OIL CHANGE, DRAINED OIL AND REMOVED FILTER. INSTALLED NEW CH48109-1 FILTER AND SECURED WITH HOSE CLAMP. SERVICED ENGINE WITH 7 QTS. OF X/C 20W-50. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.

Arturo Torres
 A&P2834035


Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-19-0326

N123VG ✦ SANTA FE **Engine Log**
AERO SERVICES

AVIONICS
 MAINTENANCE
 SALES

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

Date: 9/18/2019	Make: TCM	Model: IO-550-N	S/N: 686700
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Tach: N/A **Hobbs:** 2255.7 **TSOH:** 0084.4
 • PERFORMED ENGINE OIL CHANGE, DRAINED OIL AND REMOVED FILTER. INSTALLED NEW CH48109-1 FILTER SECURED HOSE CLAMP AND SAFTIED. SERVICED ENGINE WITH 7 QTS. OF X/C 20W-50. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.
 • INSTALLED NEW OIL DOOR LATCH P/N 50701-003

Gerardo Ontiveros  A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-19-341

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N123VG

✦ SANTA FE

AERO SERVICES

Engine Log

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AVIONICS
MAINTENANCE
SALES

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

Date: 12/9/2019 Make: TCM Model: IO-550-N S/N: 913923

Tach: N/A Hobbs: 2295.1 TSOH: 0119.1

- PERFORMED ENGINE OIL CHANGE, DRAINED OIL AND REMOVED FILTER. CUT FILTER OPEN TO INSPECT FOR CONTAMINANTS, NO FAULTS NOTED. INSTALLED NEW CH48109-1 FILTER SECURED HOSE CLAMP AND SAFTIED. SERVICED ENGINE WITH 7 QTS. OF X/C 20W-50. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.
- INSPECTED LOWER SPARKS PLUGS FOR FOULING, NO FAULTS. REINSTALLED, TORQUED, AND RECONNECTED.
- RECRIMPED LEFT MAGNETO PLEAD TERMINAL, VERIFIED LEFT MAGNETO IS CORRECTLY TIMED.

Gerardo Ontiveros



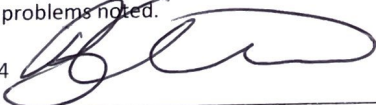
A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-19-0513

January 31st, 2020 N123VG Cirrus Design SR22 SN 0383 HOBBS 2328.0

Replaced SureFly SIM6C electronic ignition power harness and fuse holder. The fuse holder was relocated to the firewall from the back of the rear baffle. The SIM module was removed and reinstalled to facilitate repair. Ignition was adjusted to 22 degrees BTDC IAW Continental's recommended setting. Aircraft test ran, no problems noted.

Roger Whittier, A&P 2813064



Hands On Aviation, LLC. 4305 W. J J Ranch Road, Glendale, AZ 85310. 623-570-1320 Roger Whittier, Manager

N123VG

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AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

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

Date: 03/01/2020 Make: TCM Model: IO-550-N(27) S/N: 913923

Hobbs: 2334.9 Engine Hobbs=TSOH: 0149.2 TTE=Eng. Hobbs+2156.0 TTENG: 2305.2

C/W 100 HR. INSPECTION IN SUPPORT OF AN ANNUAL INSPECTION IAW CIRRUS AMM 05-20, SCHEDULED INSPECTION REPORT AND TCM MM. RESEARCHED AD'S THROUGH 03/01/2020, NONE DUE AT THIS TIME.

- COMPRESSIONS AS FOLLOWS: #1 70/80, #2 69/80, #3 68/80, #4 72/80, #5 70/80, #6 7/80.
- DRAINED ENGINE OIL W/SAMPLE (BLACKSTONE). CUT OPEN FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW CI48109-1 FILTER AND SAFTIED. SERVICED ENGINE WITH 9 QTS. X/C20W-50.
- COMPLIED WITH F.A.T. SUPERCHARGER ICA'S
- C/W SB 1808-001 REV A. BY INSTALLATION OF SILICONE SC INDUCTION TUBE P/N S550019.
- C/W SB SR22-11-1-001 REV B. SC DRIVE NUT TORQUE CHECK. NO FAULTS NOTED.
- REINSTALLED FAT FILTER PLATES AND SC AIRBOX AFTER REPAIR AT FORCED AIRMOTIVE TECHNOLOGIES.

GROUND RUN, LEAK AND OPERATIONAL CHECKS SATISFACTORY.

This Engine has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition and is approved for return to service.

Gerardo Ontiveros



A&P28193561A

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-20-0064

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May 29, 2020 TTAf: 2380.7
N123VG Cirrus SR22 S/N: 0383
 TCM I-550-N(27) S/N 913923 TSO:188.0

Drained engine oil and serviced with 7 quarts of Phillips XC20W50 engine oil. Removed and replaced oil filter with new Champion oil filter P/N CH48109-1. Cut open old filter for inspection: no findings. Run-up and ops check completed. This aircraft is approved for return to service with respect to the above work performed.

Michael Cluth A&P 3380064  W.O.8927

N123VG + SANTA FE  Engine Log

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 FAA Approved Repair Station PUVR537X

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

Date: 09/01/2020	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 2435.5	Engine Hobbs=TSOH: 0234.4	TTE=Eng. Hobbs+2156.0	TTENG: 2390.4

• PERFORMED ENGINE OIL CHANGE, DRAINED OIL, AND REMOVED FILTER. CUT FILTER TO INSPECT FOR CONTAMINANTS NONE NOTED. INSTALLED NEW CH48109-1 FILTER, TORQUED AND SAFETIED AS REQUIRED. SERVICED ENGINE WITH 7 QTS. X/C20W-50. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.

Gerardo Ontiveros  A&P28195561A

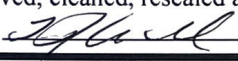
Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-20-0290

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N123VG Continental IO-550-N S/N: 913923 Engine Log Entry

12 October 2020 Flight Hobbs: 2449.3 Hobbs: 0245.1

Removed, cleaned, resealed and reinstalled #2 fuel injector nozzle. Ground run up and operational check good.  L. John Wells A&P 3221132 w/o 41670

N123VG + SANTA FE  Engine Log

AVIONICS • MAINTENANCE • SALES
 FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 12/31/2020	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 2467.5	Engine Hobbs=TSOH: 0260.5	TTE=Eng. Hobbs+2156.0	TTENG: 2416.3

• PERFORMED ENGINE OIL CHANGE, DRAINED OIL, AND REMOVED FILTER. OIL SAMPLE TAKEN AT THIS TIME. CUT FILTER TO INSPECT FOR CONTAMINANTS NONE NOTED. INSTALLED NEW CH48109-1 FILTER, TORQUED AND SAFETIED AS REQUIRED. SERVICED ENGINE WITH 7 QTS. X/C20W-50. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.

Carlos Garzon  A&P3672156

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-20-0465

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N123VG

SANTA FE

AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 04/7/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 0320.0	Flight: 2541.7		

PERFORMED ENGINE OIL CHANGE, DRAINED OIL AND REMOVED FILTER. OIL SAMPLE TAKEN AT THIS TIME. CUT FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED AT THIS TIME. INSTALLED NEW CH48109-1 FILTER, TORQUED AND SAFETIED AS REQUIRED. SERVICED ENGINE WITH 7 QTS. X/C20W-50.

GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY.

Arturo Torres

A&P2834035



Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0112

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N123VG

SANTA FE

AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 05/20/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 0355.6	Flight: 2583.6		

PERFORMED ENGINE OIL CHANGE, DRAINED OIL AND REMOVED FILTER. OIL SAMPLE TAKEN AT THIS TIME. CUT FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED AT THIS TIME. INSTALLED NEW CH48109-1 FILTER, TORQUED AND SAFETIED AS REQUIRED. SERVICED ENGINE WITH 7 QTS. X/C20W-50. GROUND RAN ENGINE, OPS AND LEAK CHECKS SATISFACTORY.

Carlos A. Garzon



A&P-3672156

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0154

N123VG

SANTA FE

AERO SERVICES

Engine Log

AVIONICS • MAINTENANCE • SALES
FAA Approved Repair Station PUVR537X

109 Aviation Drive • Hangar 1 • Santa Fe NM 87507

Date: 07/08/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Engine Hobbs: 407.1	Flight Hobbs: 2643.8		

• DRAINED ENGINE OIL AND REMOVED FILTER. CUT FILTER TO INSPECT FOR ABNORMAL CONTAMINATION, NONE NOTED. INSTALLED NEW CH48109-1 FILTER AND SAFETIED AS REQUIRED. SERVICED ENGINE WITH 7QTS. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY. BLACKSTONE SAMPLE KITS ARE NORMALLY USED BUT CUSTOMER HAS SUSPENDED SAMPLE FOR THIS CHANGE ONLY.

• ELIMINATED NON-ENVIRONMENTAL SPLICES JUST AFT OF MAP SENSOR, BY RE-SPLICING, WRAPPED HARNESS IN FUSION TAPE AND SUPPORTED AS REQUIRED. CLEANED MAP CONNECTOR AND APPLIED DC4.

Gerardo Ontiveros



A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0235

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©ATP

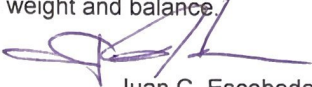
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
				Engine Log								
N123VG ✦ SANTA FE AERO SERVICES <small>AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X</small>												
109 Aviation Drive • Hangar 1 • Santa Fe NM 87507												
<table border="1" style="width: 100%;"> <tr> <td>Date: 08/13/2021</td> <td>Make: TCM</td> <td>Model: IO-550-N(27)</td> <td>S/N: 913923</td> </tr> <tr> <td>Engine Hobbs: 443.6</td> <td>Flight Hobbs: 2685.5</td> <td colspan="2"></td> </tr> </table>				Date: 08/13/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923	Engine Hobbs: 443.6	Flight Hobbs: 2685.5			
Date: 08/13/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923									
Engine Hobbs: 443.6	Flight Hobbs: 2685.5											
<ul style="list-style-type: none"> DRAINED ENGINE OIL AND REMOVED FILTER. CUT FILTER TO INSPECT FOR ABNORMAL CONTAMINATION, NONE NOTED. INSTALLED NEW CH48109-1 FILTER AND SAFTIED AS REQUIRED. SERVICED ENGINE WITH 7QTS. GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY. BLACKSTONE SAMPLE TAKEN AT THIS TIME. 												
Gerardo Ontiveros			A&P2819356									
Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0287												

				Engine Log								
N123VG ✦ SANTA FE AERO SERVICES <small>AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X</small>												
109 Aviation Drive • Hangar 1 • Santa Fe NM 87507												
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Date: 11/15/2021	Make: TCM	Model: IO-550-N(27)	S/N: 913923									
Engine Hobbs: 481.5	Flight Hobbs: 2731.0											
<ul style="list-style-type: none"> DRAINED ENGINE OIL AND REMOVED FILTER. CUT FILTER TO INSPECT FOR ABNORMAL CONTAMINATION, NONE NOTED. INSTALLED NEW CH48108-1 FILTER AND SAFTIED AS REQUIRED. SERVICED ENGINE WITH 7QTS. X/C 20W-50 GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY. BLACKSTONE SAMPLE TAKEN AT THIS TIME. 												
Gerardo Ontiveros			A&P2819356									
Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-21-0432												

				Engine Log								
N123VG ✦ SANTA FE AERO SERVICES <small>AVIONICS • MAINTENANCE • SALES FAA Approved Repair Station PUVR537X</small>												
109 Aviation Drive • Hangar 1 • Santa Fe NM 87507												
<table border="1" style="width: 100%;"> <tr> <td>Date: 04/04/2022</td> <td>Make: TCM</td> <td>Model: IO-550-N(27)</td> <td>S/N: 913923</td> </tr> <tr> <td>Hobbs: 2764.1</td> <td>Engine Hobbs=TSOH: 508.3</td> <td>TTE=Eng. Hobbs+2156.0</td> <td>TTENG: 2664.3</td> </tr> </table>				Date: 04/04/2022	Make: TCM	Model: IO-550-N(27)	S/N: 913923	Hobbs: 2764.1	Engine Hobbs=TSOH: 508.3	TTE=Eng. Hobbs+2156.0	TTENG: 2664.3	
Date: 04/04/2022	Make: TCM	Model: IO-550-N(27)	S/N: 913923									
Hobbs: 2764.1	Engine Hobbs=TSOH: 508.3	TTE=Eng. Hobbs+2156.0	TTENG: 2664.3									
C/W 100 HR. INSPECTION IN SUPPORT OF AN ANNUAL INSPECTION IAW CIRRUS AMM 05-20, SCHEDULED INSPECTION REPORT AND TCM MM. RESEARCHED ADS THROUGH 04/04/2022, NONE DUE AT THIS TIME.												
<ul style="list-style-type: none"> COMPRESSIONS AS FOLLOWS: #1 71/80, #2 73/80, #3 72/80, #4 74/80, #5 75/80, #6 73/80. M.O. 45/80 DRAINED ENGINE OIL W/SAMPLE (BLACKSTONE). CUT OPEN FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW CH48108-1 FILTER AND SAFTIED. SERVICED ENGINE WITH 7 QTS. X/C 20W-50. COMPLIED WITH F.A.T. SUPERCHARGER ICAS NOTE: AS OF ENGINE TIME 508.3 RIGHT MAGNETO HAS 280 HOURS AD 2020-16-11 FOR CMI MSB 18-08B CYLINDERS HAVE BEEN PREVIOUSLY MODIFIED PER SB AND STAMPED WITH A LETTER "S" TO DENOTE COMPLIANCE. 												
1 of 2												

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<ul style="list-style-type: none"> INSTALLED NEW GASKETS TO BOTH OIL SUMP DRAINS. SEALED AND TIGHTENED INDUCTION DRAIN FITTINGS FOR CYLINDERS 3 AND 4. REPLACED BROKEN ADEL CLAMP MS21919-WCH40 (AT SUPERCHARGER PLUMBING). 				
GROUND RUN, LEAK AND OPERATIONAL CHECKS SATISFACTORY. This Engine has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition and is approved for return to service.				
Gerardo Ontiveros			A&P28193561A	
2 of 2				
Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0110				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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N123VG	SR22	6/14/2022
HOBBS: 2799.2	S/N 0383	TSOH: 535.5
Installed SureFly PC17V Power Conditioner part number PC17V, serial number N/A in accordance with Service Instructions Document number SI-920, Revision IR, Date 9-18-2020. Checkouts were satisfactory. No appreciable change to weight and balance.		
		 Juan C. Escobedo AP3167549

N123VG

AERO SERVICES

Engine Log

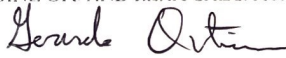
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Date: 06/23/2022	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 2806.8	Engine Hobbs = TSOH = 341.4	TTE = Eng. Hobbs+2156.0	TTENG: 2697.4

- DRAINED ENGINE OIL W/SAMPLE (BLACKSTONE). CUT OPEN FILTER TO INSPECT FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW CH48109-1 FILTER, TORQUED AND SAFTHED AS REQUIRED. SERVICED ENGINE WITH 7 QTS. X/C20W-50.
 - INSTALLED NEW SECTION OF SCATIO TUBING BETWEEN ALTERNATE AIR VALVE AND INDUCTION FILTER ASSEMBLY.
- GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY

Gerardo Ontiveros

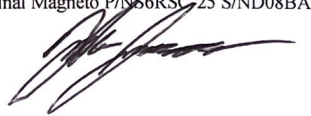


A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0221

REG #	123VG	DATE	07/20/2022
MODEL	SR-22	TACH/HM	0546.7/2815.1
S/N	0383	TTAF	
ENGINE	IO-550N	ENGINE S/N	
		SMOH	

Removed SUREFLY Electronic Magneto and Installed Original Magneto P/N86RSC 25 S/ND08BA326



AP 3342407

N123VG

✦ SANTA FE

AERO SERVICES

Engine Log

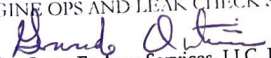
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FAA Approved Repair Station PUVR537X

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Date: 09/08/2022	Make: TCM	Model: IO-550-N(27)	S/N: 913923
Hobbs: 2838.6	Engine Hobbs = TSOH = 567.1	TTE = Eng. Hobbs+2156.0	TTENG: 2723.1

- REMOVED ALTERNATOR #1 P/N 646843 S/N 00211A039. C/W SB11-3 TO CONFIRM SERVICEABILITY OF DRIVE COUPLING, NOTED SLIPPAGE TORQUE TO BE 150-155 AND TO TRANSFER TO NEW ALTERNATOR. INSTALLED NEW ALTERNATOR P/N ES-6024D S/N 11-W062120 WITH NEW GASKET P/N 653981.
 - REMOVED ALTERNATOR 2 FROM SERVICE P/N BC410-1 S/N 0664919 AND INSTALLED P/N BC410-1 S/N 2C21E6R73K.
 - DRAINED OIL, BLACKSTONE SAMPLE TAKEN. SERVICED WITH 7QTS OF PHILLIPS X/C 20W-50 OIL. REMOVED AND INSPECTED OIL FILTER ELEMENT, NO FAULTS NOTED. INSTALLED NEW AA48109 OIL FILTER. TORQUED AND SAFTHED. GROUND RUN, LEAK CHECK SATISFACTORY.
- GROUND RAN ENGINE OPS AND LEAK CHECK SATISFACTORY

Gerardo Ontiveros



A&P2819356

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-22-0307

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TOTALS-Carry forward to next page