

N531SR
#3



The Standard

AIRCRAFT LOG

ASA-SA-2

Life Limited Parts SR22

<i>PART NAME</i>	<i>PART NUMBER</i>	<i>SERIAL NUMBER</i>	<i>EXPIRES</i>
CAPS Rocket Motor	29500-003	2198	12/31/2026
CAPS Parachute	25574-004	02549R1	1/31/2027
CAPS Reefing Line Cutters	25347-002	13565, 13806	11/30/2024
ELT Battery Pack	452-6504	Installed 5/12	4/30/2018
EMA Controller, AAIR	508358-421	RA22JAN14-13	2/28/2021
Pilot Seat Inflator Assembly	512847-401	Z7181024083	11/30/2030
Co-Pilot Seat Inflator Assembly	512847-401	Z7181024116	11/30/2030

EMA CONTROLLER AAIR 508358-421

A12NOV20-35

11/01/2027

Aircraft Record General Information

Manufacturer Cirrus Model SR-22

Serial 2438 Registration Number 531SR

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR
20
DATE



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 3/25/2016; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 3694.20; Tach: 3312.50; Total Time: 3312.50

- * Performed a 100-hour/Annual Inspection on the airframe in accordance with the inspection checklist contained in the SR22 Maintenance Manual.
- * Opened and closed the aircraft to perform inspection.
- * Complied with Airworthiness Directive research to 2016/05 Biweekly issuance.
- * Completed aircraft lubrication per manufacturers recommendations.
- * Completed the wheel bearing cleaning, inspection, and re-greasing.
- * Completed airframe fuel strainer or fuel bowl filter cleaning.
- * Cleaned the landing gear for inspection.
- * Removed the induction air filter. Inspected and cleaned the induction air filter housing. Replaced the induction air filter and secured.
- * Inspected and charged the battery. Reinstalled battery and electrical connections. Operationally tested the battery with satisfactory results.
- * Complied with FAR 91.207 (d) Inspection and operational check of ELT. Remove, inspected and reinstalled the ELT battery(ies) as necessary. exp date: 4/2018.
- * Performed the 500 hour cabin air control assembly inspection in accordance with the Cirrus SR22 Maintenance Manual. Adjusted the hot/cold valve at the firewall for proper closure of the valve at full cold.
- * Removed the cotter-pin from the left side pilot's master cylinder and found the bracket hole was elongated. Removed and replaced the pilot's left side master cylinder bracket p/n 11479-002 with new Clevis pin p/n MS20392-2C29 and cotter-pinned. Operational check was satisfactory.
- * Removed and replaced the left aft nav light p/n 34-0428070-64. Operational check was satisfactory.
- * Removed and replaced the left brake linings p/n 066-06200.
- * Removed the right brake disc. Installed a new brake disc p/n 164-02504 with new brake linings p/n 066-06200.
- * Cleaned the bottom area of the nose pant cone. Repaired the area with fiberglass. Sanded and painted the area.
- * Removed the copilot's lower interior panel. Removed and replaced the copilot cup holder p/n 51179-001. Reinstalled the interior panel with new retainers p/n 51158-001.
- * Cleaned and removed old sealant from around the antennas on top of the cabin. Applied new sealant.

I certify that this aircraft has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers

Date: 3/25/2016, W/O: 16039

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

YE
20
DA



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 5/12/2016; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 3739.20; Tach: 3357.50; Total Time: 3357.50

- * Jacked the aircraft and removed the nose wheel fairing. Set the nose wheel bearing preload to manufacturer's specifications and safetied the hardware. Installed the nose wheel fairing and removed the aircraft from jacks.
- * Reclaimed R143A and evacuated the air conditioning system. Charged the system with 1.8lbs of R134A. Operationally tested the system with satisfactory results and no leaks noted.
- * Troubleshooted the cabin heat system and found the linkage was bent at the control end. Removed and replaced the linkage p/n 18277-002. Operational check was satisfactory.
- * Removed and replaced the standby attitude indicator light tray with a serviceable part. Operational check was satisfactory.
- * Installed new Velcro to secure the pilot rug. The copilot rug has no backing left for the Velcro to stick to.
- * Extended the wire to relieve tension on the ground terminal for the preheat system and installed a new terminal.

Signature: Alan Desrosiers

Date: 5/12/2016, W/O: 16086

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

Autumn Air Services

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date:	6-8-2016	N	N531SR	Hrs.	FLT HOBBS: 3414.9
Tech:	Jeff Hill	A&P:	3207556IA	Sign:	

Description of Work: Aircraft Annual 2008

1. Tach: 3414.9, Total time: 3414.9, Engine SMOH: 125.3, Propeller SMOH: 125.3.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due ~~8-19~~ 4-18
3. AD's were reviewed as of revision 2016-10.
4. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Replaced air filter, Engine: BA24. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
5. Replaced TKS filter with new P/N 26115-101. Next due 6/30/2018 Hobbs: 4614.3.
6. Inspected lower weldment bolts, no disc noted. Next due FLT HOBBS: 3914.3
7. Cleaned air/oil separator. Next due FLT HOBBS: 3514.9
8. The systems affected were operationally tested with no discrepancies noted.
9. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
10. I certify that this Aircraft has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End.

YEAR
20
DATE



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 9/01/2016; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 3897.20; Tach: 3515.10; Total Time: 3515.10

*Performed a 100-hour/Annual Inspection on the airframe and propeller in accordance with the inspection checklist contained in the SR22 Maintenance Manual.

*Opened and closed the aircraft to perform inspection.

Complied with Airworthiness Directive research to 2016/14 Biweekly issuance.

Completed aircraft lubrication per manufacturers recommendations.

Completed the wheel bearing cleaning, inspection, and re-greasing.

Completed airframe fuel strainer or fuel bowl filter cleaning.

Cleaned the landing gear for inspection.

Removed the induction air filter. Inspected and cleaned the induction air filter housing. Replaced the induction air filter and secured.

Inspected the aircraft battery, serviced electrolyte using distilled water and charged the battery. Inspected and cleaned the battery area. Touched up battery area as required. Reinstalled battery and electrical connections. Operationally tested the battery with satisfactory results.

Complied with FAR 91.207 (d) Inspection and operational check of ELT.

Remove, inspected and reinstalled the ELT batteries as necessary. exp date: April 2018.

Inspected Propeller. Lubricated hub with proper grease.

*Removed and replaced brake linings p/n 066-06200.

*Removed and replaced right brake disk p/n 164-02504.

*Removed left and right side control console covers. Removed plastic protection cover for circuit breaker panel. Removed and replaced differential switch p/n 14128-001. Attached pitot/static test box to confirm correct air speed operation on switch. secured switch and wiring in the console. Reinstalled breaker protection cover and console side panels. Operationally checked good.

*Ground out crack and worn area in the right main gear inboard wheel fairing and perform a fiberglass repair, primed and painted.

Signature: Alan Desrosiers

Date: 09/01/2016, W/O: 16238

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

Operations
Number of
Entries

YEAR
20
DATE

Autumn Air Services 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727
Date: 12-29-2016 N N531SR Hrs. FLT Hobbs: 3594.4
Tech: Jeff Hill A&P: 3207556 Sign: *[Signature]*

Description of Work:

Aircraft

1. Removed aircraft #2 batteries.
2. Installed new aircraft #2 batteries P/N 50979-001.
3. Ops checked systems.
4. The systems affected were operationally tested with no discrepancies noted.
5. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
6. End.

Date 1/17/17 FLT Hobbs 3604.9 Tach N/A
HO13BA = 4010.2

Transponder Make GARMIN Model GTX327
Serial# 83727295, Was tested and inspected I.A.W. FAR 91.413 and was found to comply with FAR Part 43, Appendix F. Test was made using a certified ATC Transponder Tester. The Static pressure system, each altimeter and each automatic pressure altitude reporting system was inspected I.A.W. FAR 91.411.

1. The Static pressure system was tested on 1/17/17.
2. The altimeter (s) was/ were tested per 43 Appendix E:
Right Hand S/N 460196 to 25K feet on 1/17/17
Left Hand S/N 20112496 to 25K feet on 1/17/17
3. The automatic pressure altitude reporting system was tested to 19900 Feet on 1/17/17.

Signed *Jimmy O'Leary*
W.O. 100075

Suncoast Maintenance Center
CRS#8SQR241C

SMC-450

11/29/16
DATE: NOV 29 2016
BOOK

REC
TAC
TIM



SERVICE CENTER

APG Aviation - Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 · Fax: 941-575-8734 · ga@avionix.com

Inspections Tests Repairs and Alterations

(Date Number of specific entries.)

03-17-2017 N531SR CIRRUS SR22 SN 2438 HM 4017.9 FLT 3610.7

CW 10yr ELECTRIC FUEL BOOST PUMP REPLACEMENT IAW CIRRUS SR22 AMM.
REMOVED BOOST PUMP SN 3326 AND INSTALLED PN 11839-001 SN 7577.
OPERATIONAL CHECK SATISFACTORY.

THOMAS SHEFFIELD
3764452 AP

Autumn Air Services

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 6-23-2017

N

N531SR

Hrs.

FLT HOBBS: 3703.9

Tech: Jeff Hill

A&P:

3207556LA

Sign:

Description of Work:

Aircraft

1. Tach: 3703.9, Total time: 3703.9, Engine SMOH: 414.3, Propeller SMOH: 414.3.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due MAY 2018.
3. AD's were reviewed as of revision 2017-12.
4. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
5. Replaced air filter, Engine: BA24.
6. Inspected fire extinguisher.
7. Replaced alternate air valve bolt with new. Next due FLT HOBBS: 4203.9.
8. Replaced LH and RH main tires and tubes with new, Reinstalled and set bearing drag.
9. Checked and adjusted nose wheel swivel tension and safetied.
10. The systems affected were operationally tested with no discrepancies noted.
11. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
12. I certify that this Aircraft has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End.

YEAR
20
DATE

Aptis Maintenance, LLC
N531SR S/N: 2438
Tach: 3740.2 Acft TT:

302 Boxboro Road, Stow MA 01775
M/M: Cirrus SR22
Date: July 5, 2017

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Certificate Num
r other specific en

Replace right main gear tube with Michelin Airstop 15x6.0-6. Replace right main gear tire with Michelin 15x6.0-6/6/120 S/N 5021S00121. Operational check satisfactory.

Shawn Herrick, AP 3964476

HORISED

Cornerstone Aviation

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 9-6-2017
Tech: Jeff Hill

N N531SR
A&P: 3207556

Hrs. FL HOBBS: 3775.9
Sign:

Description of Work:

Aircraft

1. Replaced CHT probe in Cylinder #6 position with new P/N 16578-001.
2. Lubed engine controls and worked.
3. Lubed exhaust slip joints.
4. Adjusted propeller governor as needed.
5. Weighted fire extinguisher and inspected. Weight 17.0 oz.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
8. End.

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Cornerstone Aviation

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 9-30-2017

N

N531SR


Hrs.

FLT HOBBS: 3803.4

Tech: Jeff Hill

A&P:

3207556IA


Sign: 

Description of Work:

Aircraft Annual 2017


1. Tach: 3803.4, Total time: 3803.4, Engine SMOH: 513.8, Propeller SMOH: 513.8.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due MAY 2018.
3. AD's were reviewed as of revision 2017-18 and the following apply:
4. AD 93-05-06 Ignition switch. Next due FLT HOBBS: 4010.5
5. C/W SB2X-32-19R3 nose gear strut inspection. No disc noted, next due FLT HOBBS: 3903.4.
6. C/W 500HR cabin air control valve inspection. No disc noted.. Next due FLT HOBBS: 4303.4.
7. Performed fire extinguisher inspection. Weight 500 Grams.
8. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
9. Replaced rudder upper and middle hinge bolts with new AN3-7. Torqued hardware and safetied.
10. Replaced all brake linings with new RA066-06200 linings. Cured linings.
11. Installed new brake shims P/N 068-01100.
12. Replaced EGT probe with new P/N 16579-002 at cylinder #3. Ops checked good.
13. Reset co-pilots door seal into trim and door jamb.
14. Replaced LH and RH main gear inbrd fairings with new, LH 18138-001, RH 18138-002. Painted to match.
15. Cleaned air/oil separator.
16. Replaced air valve port plugs with new P/N 50498-200 in LH main and nose wheel pants.
17. Replaced propeller deice tube support bracket with new P/N 15373-002.
18. Replaced exhaust collector botls with new P/N AN4C35. Set spring tension and safetied.
19. Retorqued LH tailpipe mounting hardware and lubed exhaust slip joints.
20. Retensioned exhaust ball joint spring tension and safetied.
21. Retorqued mixture control hardware and safetied.
22. Replaced oil door latches with new P/N 50701-001.
23. The systems affected were operationally tested with no discrepancies noted.
24. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
25. I certify that this Aircraft has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End.

YEAR	Cornerstone Aviation.	557 Crawford St. Fitchburg, MA 01420			(978) 343-5727
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20	Date:	12-29-2017	N	N531SR	Hrs.	FLT HOBBS: 3904.7
DATE	Tech:	Jeff Hill	A&P:	3207556IA	Sign:	

- Description of Work: Aircraft Annual 2017
- Tach: 3904.7, Total time: 3904.7, Engine SMOH: 615.1, Propeller SMOH: 615.1.
 - The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due April 2018.
 - AD's were reviewed as of revision 2017-24.
 - Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Replaced air filter, Engine: BA24. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
 - Inspected lower weldment bolts. Next due FLT HOBBS: 4404.7
 - Replaced air filter w/new BA24. Next due FLT HOBBS: 4104.7
 - Performed Alternator #1 drive and brush inspection. Next due FLT HOBBS: 4404.7
 - Replaced all brake linings w/new P/N 062-06200. Cured linings.
 - C/W SB2X-95-24R1 CAPS ground wire installation.
 - The systems affected were operationally tested with no discrepancies noted.
 - All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
 - I certify that this Aircraft has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End.*

Autumn Air Services	557 Crawford St. Fitchburg, MA 01420			(978) 343-6536
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Date:	4-11-2018	N	N531SR	Hrs.	FLT HOBBS: 3959.8
Tech:	Jeff Hill	A&P:	3207556	Sign:	

- Description of Work: Aircraft
- Inspected fire extinguisher. Weight 500 grams.
 - Downloaded ETMP data.
 - Replaced nose wheel tube with new 500-5 tube. Set tire pressure. Reinstalled wheel assy and set bearing drag.
 - The systems affected were operationally tested with no discrepancies noted.
 - All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
 - End.

24 NM SE VANDALIA VOR

114.3 VLA DUAL VOR CHECK
0° ERROR

10/05/2022

FLIGHT HOURS: 4549.0

Jimmy Woo

Inspections, Tests, Repairs and Alterations

Endorsed with Name, Rating and Certificate Number of
Air Facility. (See back pages for other specific entries.)

RT BATTERY w/NEW PIN 455-0012.
RT FLASH FAR 91.207(d). TESTED
BY NEXT DUE 5/2025.

~~Jimmy Woo~~ 3207552 ATP

Defective STROBE FROM RH
INSTALLED NEW FLASH TUBE
36-0050705-00, OPS CHECKED
and

~~Jimmy Woo~~ 3207552 ATP

Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420

FLT HOBBS: 4006.9

YEAR
20
DATE

Date: 5-24-2018 N N531SR Hrs.
Tech: Jeff Hill A&P: 3207556IA Sign:

Description of Work: Aircraft Annual 2018

1. Tach: 4006.9, Total time: 4006.9, Engine SMOH: 717.3, Propeller SMOH: 717.3.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted.
3. AD's were reviewed as of revision 2018-10 and the following apply:
4. AD 93-05-06 Ignition switch. Installed switch kit P/N A-3650-2. Next due FLT HOBBS: 6006.9
5. C/W SB2X-32-19R3 nose gear strut inspection. No disc noted, next due FLT HOBBS: 4106.9.
6. C/W 500HR cabin air control valve inspection. No disc noted.. Next due FLT HOBBS: 4303.4.
7. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
8. Removed ignition switch. Installed ACS ignition switch service kit P/N A-3650-2. Ops checked switch and reinstalled into panel.
9. Performed ETMP download.
10. Inspected fire extinguisher. Weight 500 grams.
11. The systems affected were operationally tested with no discrepancies noted.
12. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
13. I certify that this Aircraft has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End.

6/4/18 FLT HOBBS: 4030.2

THIS AIRCRAFT N531SR HAS BEEN PLACED ON THE CIRRUS PROGRESSIVE INSPECTION PROGRAM I/A/W 14 CFR 91.409(d)

End

[Signature] 3207556
IO

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Cornerstone Aviation

557 Crawford St. Fitchburg, MA 01420

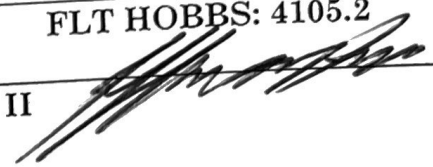
(978) 343-5727

Date: 7-12-2018
Tech: Jeff Hill

N N531SR
A&P: 3207556IA

Hrs.
Sign:


FLT HOBBS: 4105.2



Description of Work:

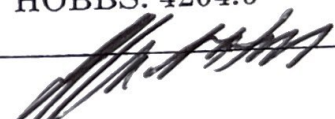
Aircraft Progressive Phase II

1. Tach: 4105.2, Total time: 4105.2, Engine SMOH: 815.6, Propeller SMOH: 815.6.
2. AD's were reviewed as of revision 2018-12.
3. Inspected Fire extinguisher.
4. Downloaded EMAX data.
5. Replaced airfilter with new BA24.
6. Replaced EGT probe P/N 16579-002 @ cylinder #4.
7. Replaced CHT probe P/N 16578-001 @ cylinder #4.
8. Removed alternator #2 P/N BC410-1, S/N 0231739.
9. Installed alternator #2 P/N BC410-1, S/N 0853890. Overhauled by B&C Specialty Products, inc. under W.O.#052218-3890.
10. Replaced #2 batteries with new P/N 50979-001
11. Replaced TKS filter with new P/N 26115-101.
12. Performed Magnometer check.
13. Replaced co-pilot inner air vent with new P/N 51268-002.
14. Replaced RH main tire and tube with new Flight Custom II 15-600-6 and Michelin tube.
15. Washed aircraft.
16. Run up and leak checked, no disc noted.
17. The systems affected were operationally tested with no discrepancies noted.
18. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
19. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End.

Date: 7/29/2018 N N531SR Hrs. FLT HOBBS: 4158.8
 Tech: Jeff Hill A&P: 3207556IA Sign: 

20 Description of Work: Aircraft Phase III
 1. Tach: 4158.8, Total time: 4158.8, Engine SMOH: 869.2, Propeller SMOH: 869.2.
 2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted. Battery is next due xxxx.
 3. AD's were reviewed as of revision 2018-12.
 4. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Cleaned main fuel screen.
 5. Painted new RH upper gear fairing and reinstalled.
 6. Run up and leak checked.
 7. The systems affected were operationally tested with no discrepancies noted.
 8. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
 9. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE III and determined to be in airworthy condition. End.


Cornerstone Aviation. 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

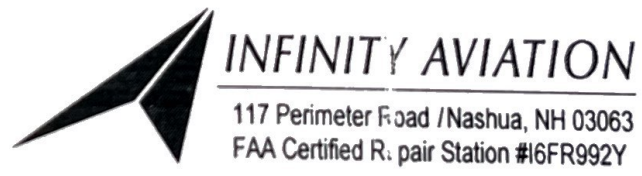
Date: 8/28/2018 N N531SR Hrs. FLT HOBBS: 4204.0
 Tech: Jeff Hill A&P: 3207556IA Sign: 

Description of Work: Aircraft progressive phase II
 1. Tach: 4204.0, Total time: 4204.0, Engine SMOH: 914.4, Propeller SMOH: 914.4.
 2. AD's were reviewed as of revision 2018-16.
 3. Inspected Fire extinguisher.
 4. Downloaded EMAX data.
 5. C/W SB2X-05-02 Alternate air bolt. Installed new AN3-34 bolt.
 6. C/W Amsafe SB18-06. No disc noted.
 7. Replaced LH and RH mufflers with new.
 8. Replaced LH tail nav bulb with new.
 9. Adjusted Prop governor.
 10. Replaced all brake linings with new. Cured linings.
 11. Replaced brake shims with new.
 12. Washed aircraft.
 13. Run up and leak checked, no disc noted.
 14. The systems affected were operationally tested with no discrepancies noted.
 15. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
 16. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End.


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YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/4/18	FLT 170	665 4210.2	SMOH: 920.6.	Removed Engine For Repair. Sent to AeroTEC Engines Limited. M/N JOSSON 47B, S/N 1008957 END <i>[Signature]</i> 3207556 ACP
10/17/18	FLT 170	665: 4210.2.		Reinstalled Engine M/N JOSSON 47B, S/N 1008957 AFTER Repair by AeroTEC Engines Limited, under W.O. # 13458, DATED OCT, 9, 2018. Reinstalled all Accessories. Reinstalled Propeller. Run up and leak checked. Checked UN-METERED Fuel Pressures. END <i>[Signature]</i> 3207556 ACP

YEAR 20	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations	
				Entries must be endorsed with Name, Rating and Certificate Number of (S.)	
DATE	Cornerstone Aviation		557 Crawford St. Fitchburg, MA 01420		(978) 343-5727
Date:	11/5/2018	N	N531SR	Hrs.	FLT HOBBS: 4219.9
Tech:	Jeff Hill	A&P:	3207556IA	Sign:	
Description of Work:		Aircraft			
<ol style="list-style-type: none"> 1. Installed new RT-A400 fire extinguisher. 2. Replaced pilot and co-pilot seat belt inflators with new P/N 512847-401, LH S/N Z7181024083, RH S/N Z7181024116. 3. The systems affected were operationally tested with no discrepancies noted. 4. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B. 5. <u>I certify that this Aircraft has been inspected i/a/w an Annual inspection and determined to be in airworthy condition.</u> End. 					



Date: 11/07/2018; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 4796.60; Tach:; Total Time: 4219.50
 *Removed and replaced the line cutters p/n 25347-002, s/n 13565, s/n 13806 with a manufacturing date of May 2017. Next due May 2024 in accordance with the Cirrus component maintenance manual.

Signature: Alan Desrosiers 
 Date: 11/07/2018, W/O: 16906
 Infinity Aviation Services LLC
 FAA Certified Repair Station
 #I6FR992Y

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 4/25/19 N N531SR Hrs. FLT HOBBS: 4253.3
 Tech: Jeff Hill A&P: 3207556IA Sign:

Description of Work: Aircraft Phase II/Annual

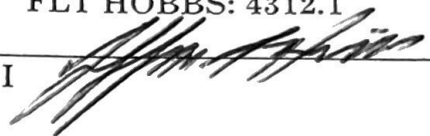
1. Tach: 4253.3, Total time: 4253.3, Engine SMOH: 963.7, Propeller SMOH: 963.7.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted.
3. AD's were reviewed as of revision 2019-08.
4. Serviced aircraft as follows: lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Serviced, charged and cleaned battery and box. Cleaned main fuel screen. Cleaned the engine, belly and washed the aircraft. Dressed and painted the propeller.
5. Inspected fire extinguisher weight.
6. Downloaded ETMP data.
7. C/W SB2X-32-19R3 Nose gear inspection. No disc noted.
8. C/W 500HR cabin valve insp. No disc noted.
9. Reinstalled LH trim placard on bolster trim.
10. Adjusted heat control for proper travel and shut off.
11. Repaired cabin heat by-pass door spring and reinstalled.
12. Replaced main tires and tubes with new P/N 301-249-420 and tubes P/N 097-500-0.
13. Resecured RH gear leg bumper as needed.
14. Cleaned air/oil separator.
15. Stop drilled RH baffle.
16. The systems affected were operationally tested with no discrepancies noted.
17. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
18. I certify that this Aircraft has been inspected i/a/w an Phase II, IV, V and Annual inspection and determined to be in airworthy condition. End.

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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20 DA Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727 Entries must be endorsed with Name, Rating and Certificate Number of (ies.)

Date: 6/18/2019 N N531SR Hrs. (978) 343-5727
 Tech: Jeff Hill A&P: 3207556 Sign: FLT HOBBS: 4312.1

Description of Work: Aircraft Progressive Phase I

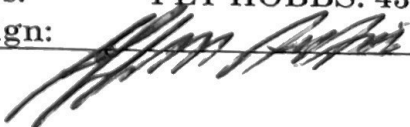


1. Tach: 4312.1, Total time: 4312.1, Engine SMOH: 1022.5, Propeller SMOH: 1022.5.
2. AD's were reviewed as of revision 2019-12.
3. Performed ETMP download.
4. Inspected fire extinguisher.
5. Replaced air filter with new P/N BA24.
6. Replaced RH brake caliper O-rings with new P/N M83461/1-222. Bled brakes.
7. Replaced EGT probe at cylinder #6 with new P/N 16578-001.
8. Repaired nose gear shock assembly. Replaced puck pan P/N 13549-002, Bushing P/N 17481-001, Bushings P/N NAS77-10-013 (2ea), Bushings P/N NAS77-10-025 (2ea) and nut P/N AN310-15.
9. Washed aircraft.
10. Run up and leak checked. No disc noted.
11. The systems affected were operationally tested with no discrepancies noted.
12. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
13. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE I and determined to be in airworthy condition. End.

Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 6/24/2019 N N531SR Hrs. (978) 343-5727
 Tech: Jeff Hill A&P: 3207556 Sign: FLT HOBBS: 4315.1

Description of Work: Aircraft



1. Replaced defective Manifold Pressure transducer with new.
2. Run up and ops checked, no disc noted.
3. The systems affected were operationally tested with no discrepancies noted.
4. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
5. End.

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspection	Tests Done	Remarks
20				557 Crawford St. Fitchburg, MA 01420		(978) 343-5727
DATE	Cornerstone Aviation					FLT HOBBS: 4360.8
	Date: 7/30/2019	N	N531SR	Hrs.		
	Tech: Jeff Hill	A&P:	3207556	Sign:		

Description of Work:

Aircraft Progressive Phase II

1. Tach: 4360.8, Total time: 4360.8, Engine SMOH: 1071.2, Propeller SMOH: 1071.2.
2. AD's were reviewed as of revision 2019-14.
3. Inspected Fire extinguisher.
4. Downloaded EMAX data.
5. Washed aircraft.
6. Run up and leak checked, no disc noted.
7. The systems affected were operationally tested with no discrepancies noted.
8. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
9. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End.

Cornerstone Aviation	557 Crawford St. Fitchburg, MA 01420	(978) 343-5727
Date: 9/9/2019	N	N531SR
Tech: Jeff Hill	A&P:	3207556
		Sign:

Description of Work:

Aircraft Phase III

1. Tach: 4411.3, Total time: 4411.3, Engine SMOH: 1121.7, Propeller SMOH: 1121.7.
2. The ELT was inspected i/a/w FAR 91.207d with no discrepancies noted.
3. AD's were reviewed as of revision 2019-18.
4. Serviced aircraft as follows: Repacked wheel bearings, lubed/ greased landing gear, lubed/ serviced brake system. Lubed flight, engine and accessory controls. Lubed all hinges, mechanisms, bearings, pulleys, drives and rod ends. Cleaned main fuel screen.
5. Replaced LH and RH brake discs with new P/N RA164-02504.
6. Replaced all brake linings with new P/N RA066-06200. Cured linings.
7. Installed new brake shims LH and RH sides P/N RA068-01100.
8. Inspected lower mount weldment bolts.
9. C/W SBX2-32-22r1 Nose gear inspection. No disc noted.
10. Run up and leak checked.
11. The systems affected were operationally tested with no discrepancies noted.
12. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
13. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE III and determined to be in airworthy condition. End.

YE	Cornerstone Aviation	113 perimeter Rd Nashua, NH 03063				ons
20	Date: 3/25/2020	N	N531SR	Hrs.	FLT HOBBS: 4462.6	of
DA	Tech: Jeff Hill	A&P:	3207556	Sign:	<i>[Signature]</i>	(s.)
	Description of Work:		Aircraft progressive phase II			

1. Tach: 4462.6, Total time: 4462.6, Engine SMOH: 1173.0, Propeller SMOH: 1173.0.
2. AD's were reviewed as of revision 2020-08.
3. Inspected Fire extinguisher.
4. Downloaded EMAX data.
5. Replaced #2 batteries with new.
6. Tested ELT.
7. Performed Magnometer calibration.
8. Replaced pilots seat bottom upholstery with new.
9. Replaced RH main tire and tube with new.
10. Installed TPOH update 15-15R2.
11. Replaced RH tail nav bulb with new.
12. Washed aircraft.
13. Run up and leak checked, no disc noted.
14. The systems affected were operationally tested with no discrepancies noted.
15. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
16. I certify that this Aircraft has been inspected i/a/w Cirrus Progressive inspection PHASE II, IV, V, ANNUAL and determined to be in airworthy condition. End.

6/22/20	SHI HOBBS:	4479.6		
	REPLACED SHIP BATTERY w/ NEW GILL	7243-16		
	S/N	G03040420.		
			<i>[Signature]</i>	3207556 ATP
		END		

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE		
				113 Perimeter Road	Nashua NH 03063

Cornerstone Aviation

Date:	8/12/2020	N	N531SR	Hrs.	FLT HOBBS: 4483.4
Tech:	Jeff Hill	A&P:	3207556	Sign:	

Description of Work:

1. Replaced air filter with new BA24.
2. Replaced TKS filter with new 908-1.
3. The systems affected were operationally tested with no discrepancies noted.
4. All work was performed i/a/w the manufacturer's service instructions and AC43.13.1B.
5. End.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE		
				113 Perimeter Road	Nashua NH 03063

Cornerstone Aviation

Date:	1/28/2021	N	N531SR	Hrs.:	FLT HOBBS: 4491.9
Tech:	Jeff Hill	A&P:	3207556	Sign:	

Description of Work:

1. Removed O2 bottle and regulator. Sent to Precise Flight, Inc. for overhaul and hydro.
2. Reinstalled O2 bottle and regulator assembly after overhaul of regulator and hydrostatic check/overhaul of bottle under Precise Flight, Inc. W.O.#113516.
3. Installed four new oxygen masks P/N 020N0002-1.
4. Installed four new Oxymizer Cannulas P/N 020N0001-1 Rev E.
5. Installed four new model A5 flowmeters P/N 027N0003-1 Rev B.
6. Serviced oxygen bottle to 1500PSI.
7. The systems affected were operationally tested with no discrepancies noted.
8. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B. End

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

wo: AX001379

Airframe - page 1 of 1



Air Bear Aviation, Inc. - 191 Old Burley Street Danvers, MA 01923 - (978) 914-3138

N531SR
TACH: 4497.0

CIRRUS DESIGN CORP, SR22, S/N: 2438
AFTT: 4497.0

March 1, 2021

1. Complied with an annual inspection in accordance with the Cirrus SR22 AMM checklist.
2. Reviewed all ADs and checked for compliance thru biweekly issue 2021-04.
3. Complied with inspection of the ELT in accordance with FAR part 91.207(d) with no defects noted.
4. Complied with airframe service per 100hr/annual. Cleaned and repacked all wheel bearings. Serviced brake pins and bosses. Lubricated all flight control systems in accordance with airframe maintenance manual. Sumped all fuel drains and serviced the gascolator. Serviced and top charged the airframe battery. Lubricated all airframe items. Cleaned belly, windows, interior, instruments, ect. Cleaned TKS leading edges with 50/50 isopropyl. .
5. Removed and replaced the propeller governor with overhauled, p/n C290D3J/T23 s/n 840283 was overhauled by New England Propeller CRS# RC2R130L under w/o# CR-46204. Ground runup after installation performed with no leads noted and MAX RPM set per airframe maintenance manual.
6. Removed and replaced the airframe battery cover with new.
7. Extracted and replaced misc damaged cowling screws as required.
8. Repaired the left fuel vent panel by epoxy repair to the vent hose attachment fitting.
9. Removed and replaced the engine air filter with new. Installed (1) BA24 - ELEMENT.
10. Removed and replaced the EMA assembly IAW SR22 maintenance manual. Tested with AMSAFE kit as required. Date code November 2020, due again for replacement November 2027

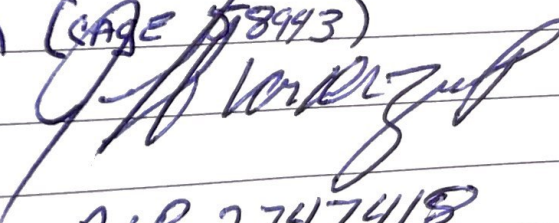
P/N 508358-421, S/N A12 NOV 20 - 35

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Air Bear Aviation, Inc. under work order: AX001379.

I certify that this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition.

Dylan Peters A&P IA 3801823

AVIATION APPROVAL TAG
 3. Form Tracking Number:
 Matthews Drive (P.O. Box 244)
 West Haddam, CT 06422
 (860) 873-1494

YEAR 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-20-2022	FLIGHT	HOBBBS	4537.3	INSTALL NEW PRECISE FLIGHT OXYGEN BOTTLE P/N 102N0100-1 S/N HPR103542/ 3171, U-CLAMP P/N OXMI159, OXMI158, ALL WORK PERFORMED T.A.W., STL SA01708SE I.C.A. 2.4.1, 2.4.6, 2.4.4. SERVICE O2 W/ 1500 PSI + OPS CHECK - PASS- RETURN TO SERVICE FOR WORK PERFORMED BOTTLE DOM 09-2021 (CAGE #8943) P/N 1275159  A4P 2747418

L/S

YEAR 20 <u>22</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
3-25-2022	5217.3			<p>N531SR</p> <p>REMOVE PROP FOR OVER HAUL</p> <p>INSTALL OVERHAULED HARTZELL PROP.</p> <p>PHC-13YF-1N S/N FP6404B WITH</p> <p>NEW SEAL & NUTS I.A.W. HARTZELL</p> <p>MANUAL 145 SEC 61-00-45 REV. 20 APR 21</p> <p>GROUND RUN, LEAK & OPS CHECK - PASS.</p> <p>RETURN TO SERVICE FOR WORK PERFORMED.</p> <p>APP 2747418</p> <p><i>[Signature]</i></p>

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 7/7/22

Tach: 4537.3

TTA: 4537.3

San Martin Aviation Corp.

13025 Murphy Ave.

San Martin, CA 95046

Tail: N531SR

S/N: 2438

Opened key inspection panels for ferry flight inspection. Checked fuel strainer. Checked brakes and checked hydraulic reservoir. Inspected tires and inflated to Cirrus service manual specifications. Checked airworthiness directive compliance through 2022-14. AD compliance report provided with logs. Inspected nose landing gear and associated engine mount areas with no defects noted. This aircraft is considered airworthy for the purpose of issuing a ferry permit (special operations permit).



A&P # 3606960IA

Date: 8/19/22

Tach: 4537.3

TTA: 4537.3

San Martin Aviation Corp.

13025 Murphy Ave.

San Martin, CA 95046

Tail: N531SR

S/N: 2438

Replaced #2 batteries. Performed ground run to verify function of #1 and #2 alternators. Found both alternators functional.



A&P # 3606960

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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Date: 9/28/22

San Martin Aviation Corp.

Tail: N531SR

Tach: 4537.4

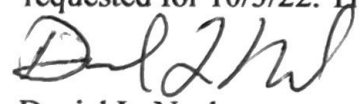
13025 Murphy Ave.

S/N: 2438

TTA: 4537.4

San Martin, CA 95046

This aircraft has been inspected and has been found safe for the indicated flight in accordance with the Special Flight Permit requested for 10/3/22. This aircraft is in compliance with all applicable Airworthiness Directives at this time.



Daniel L. Neal
A&P # 3606960

Airdialog LLC.

N531SR

Airframe Logbook

S/N: 22-2438

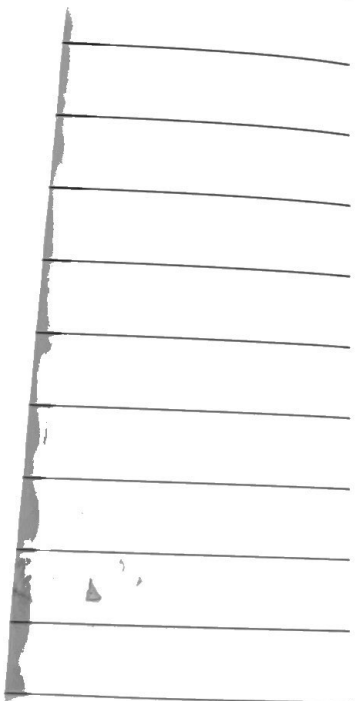
TT Hobbs: 4537.8

Effective this date, This Aircraft will no longer be operating on Airdialog LLC FAA approved Part 135 Air Carrier Certificate No. L41A034L and is now being maintained by 91.409

Signature *Edward Jerin*

Edward Jerin
Director of Maintenance
Airdialog LLC.

Date: May 17, 2022
Cert #L41A034L



YEAR
20
DATE

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

wo: AX002390

Airframe - page 1 of 1



Air Bear Aviation, Inc. - 191 Old Burley Street - Danvers, MA 01923 254-258-7073

N531SR

CIRRUS DESIGN CORP, SR22, S/N: 2438

January 04, 2023

Flight Hobbs: 4555.0

TTAF: 4555.0

1. Accomplished an annual inspection at this time in accordance with the Cirrus SR22 maintenance manual checklist.
2. Accomplished ELT inspection in accordance with FAR 91.207(d) with no defects noted.
3. Researched all AD's thru current biweekly issue 2022-27. Reviewed all airworthiness limitations and ch.5 replacement items and S/B's at this time.
4. Replaced engine air filter with new.
5. Jacked aircraft. Removed left main wheel assembly. Replaced tire and tube with new. Assembled wheel and installed to aircraft. Serviced tire per Cirrus AMM. Removed aircraft from jacks.
6. Replaced cabin heat box butterfly valve spring with new.
7. Installed fiberglass patch to wheel pant as required.
8. Installed fiberglass patch on left main wheel pant as required.
9. Connected vent tube on floor between rudder pedals.
10. Installed fiberglass patch to right main wheel pant as required.
11. C/W SB 2X-32-19 Nose gear inspection. No defects noted.
12. C/W annual inspection items on STC SA1708SE O2 system as required.
13. Removed engine driven fuel pump and sent for overhaul. Overhaul completed by Western Skyways, Inc. Cert# WS9R575J on W/O# W059675 dated 13DEC2022. Performed fuel pressure checks and adjustments per TCM SID97-E, TCM OM, and Cirrus AMM. Ops and leak check good.
14. Replaced alt air flapper bolt with AN3-34 per SB-05-02.
15. Replaced left and right brake linings with new.
16. Applied new sealant to left hand leading edge for transition to skin.
17. Serviced oxygen as required.
18. Replaced left and right brake rotors with new.
19. Inspected parachute for date of manufacture and P/N IAW AD 2022-24-04. AD does not apply due to manufacture date.
20. Replaced battery with new G243 Gill Battery S/N: G03172023 and registered battery to N531SR. Carries a 12 month or 600 Hour warranty.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Air Bear Aviation, Inc. under work order: AX002390.

I certify that this aircraft has been inspected IAW an ANNUAL inspection and is found to be in airworthy condition at this time.

Thomas Bear A&P 2657047 IA

(me, Rating and Certificate Number of back pages for other specific entries.)