

YEA

MAKE: Cirrus Design Corp
MODEL: SR-22
S/N: 0003
REG. NO.: N831AZ



Lone Mountain Aviation, Inc.

FAA Cert: [REDACTED]
[REDACTED]

W/O #: VGT13215-06-2023
DATE: 02-24-2024
A/C TT: 2384.3
Hobbs: 2384.3

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Airframe Entries

This aircraft has been inspected in accordance with an Annual Inspection and was determined to **NOT** be in airworthy condition.

Complied with aircraft records review, which included: Status of chapter 4 Airworthiness Limitations items. Status of chapter 5 Time Limits items. Compliance of applicable Mandatory Service Bulletins. Compliance of applicable Airworthiness Directives through Bi-Weekly 2024-03.

Complied with ELT inspection per §91.207 (d). Operational check was good with no defects noted. Battery Due: 09/2024.

Removed lower glare shield cover, reshaped for proper fit and reinstalled IAW Cirrus SR22 AMM 25-10.

Center console armrest removed and reupholstered by William Paiz Upholstery, reinstalled IAW Cirrus SR22 AMM 25-10.

Removed and replaced damaged core material and bonded new sandwich plies on right lower cowling IAW Cirrus SR22 AMM 51-20.

Removed and replaced burned and damaged fiberglass plies on left lower cowling IAW Cirrus SR22 AMM 51-20.

Bonded new tail rubber bumper on the fuselage IAW Cirrus MM Chapter 53-20.

Performed composite repair on sandwich structure of top engine cowling IAW Cirrus MM, Chapter 51-20.

Removed, cleaned, and installed new engine cowling seal IAW Cirrus SR22 AMM, 71-10.

Removed and replaced damaged aluminum protection tape on lower cowling IAW Cirrus SR22 AMM section 51-20.

Has been previously complied with.

Complied with SB2X-28-12R1 Electric fuel pump inspection. Removed electric fuel pump P/N: 5217-00-9, S/N: 7895. Installed overhauled electric fuel pump P/N: 5217-00-9, S/N: 9560 Overhauled by CJ Aviation Products LLC under WO# 34860 dated 1/27/23 see 8130, signed under certificate # YPGR715L. All work performed IAW Cirrus SR 22 AMM 28-20.

Complied with SB2X-52-08R2 Catcher/Diverter and Gas Strut Rod End Replacement.

SB22-95-03 CAPS handle access cover Complied with, New CAPS handle cover installed.

Complied with SB22-95-04 Replacement of CAPS activation handle bracket.

Removed and replaced cabin fire extinguisher.

Monthly fire extinguisher inspected completed by installing new fire extinguisher.

Removed and replaced right brake caliper O-rings IAW Cirrus SR22 AMM chapter 32-42. Leak check good.

Removed main battery P/N: RG24-11M, S/N: 41145113. Installed new battery P/N: RG24-11M, S/N: 41355261 IAW Cirrus SR22 AMM, 24-30.

Removed and replaced OAT/Clock battery next due at 03/2033 IAW Cirrus SR22 AMM Chapter 31.

Complied with Aft wing attachment fitting inspection IAW Cirrus SR22 AMM section 57-10. No defects noted.

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Removed and replaced induction air filter IAW Cirrus SR22 AMM 71-60.

Removed propeller governor P/N: C290D3-K/T23, S/N: 950555 and sent for overhaul by Olympia Propeller Governor LLC under WO# 0002681 dated 26/Dec/2023 see 8130, signed under certificate #1OPR610B. Installed overhauled propeller governor P/N: C290D3-K/T23, S/N: 950555 IAW SR22 AMM Section 61-20.

Complied with engine mount weldment torque check IAW Cirrus SR22 71-20.

Complied with ICA for Tamarack STC A00009CH RPM control installation IAW Doc # TAG-CSQ-203 Section 5. no defects noted lubricated with LPS1.

Complied with Rosin Sunvisor ICA, No discrepancies noted.

Complied with ICA for insight Engine Monitor STC, No defects noted.

Complied with ICA for Kelly Air Conditioning IAW Kelly Aerospace Thermal Systems Document Number NC-14-024.

Re-rigged ailerons to correct travels, IAW Cirrus SR22 AMM 27-10.

Removed and replace Cylinder #3 EGT probe IAW Cirrus SR22 AMM 77-20. Ops check good.

Removed and replaced left main gear brake disc IAW Cirrus SR22 AMM 32-41.

Repaired damage on left wing root fairing IAW Cirrus SR22 AMM 51-00.

Repaired foam core damage on right bottom engine cowling and installed new layers of fiberglass composite material IAW Cirrus SR22 AMM 51-00.

I have inspected this aircraft and find it is safe for a one time ferry flight from North Las Vegas Airport (KVG) to Ogden-Hinckley Airport (KOGD) IAW Special Flight Permit and Operating Limitations.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above WO number.

DATE: 02-24-2024

SIGNED:

FAA Cert:

WORK ORDER: VGT13215-06-2023

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YEAR: DATE	RECORDING TACH TIME	TODAYS 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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Make: Cirrus
Model: SR22
Ser # 003
Reg # N831AZ



**CC's Custom Aircraft
Painting**

Maintenance by:
Pancheri Aviation, LLC.
[Redacted]

Tach Time:
Hobbs Time: 2388
Total Time:
Work Order: 2405

The following work has been performed:

1. CC's Painting performed the complete sand and paint of aircraft; Sterling 2022 Metallic Skyscapes CM0855694, Neptune Mica Skyscapes SGP201542, Mystical Black Pearl Skyscapes SP06980,
2. Removed flight controls. Static balance checked— All Balances within specs. Installed flight controls.
3. Rigging check confirmed, Lights ops checked – all within specs.

All maintenance performed on this aircraft was performed in accordance with current regulations of the FAA, Cirrus MM and was determined to be in an airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this maintenance shop under the above work order.

Signature & Certificate #

A&P [Redacted]

Date 25 April 2024

YEAR:	RECORDING TACH TIME	TODAYS 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.)
DATE				

Zion Air Motive LLC, [REDACTED]

Date: 06-12-2024 Logbook: Airframe Tail Number: N831AZ

Hobbs: 2412.0 Aircraft Total Time: 2412.0 Model: SR22 Serial: 0003

Repairs / Maintenance

- Removed, cleaned and reinstalled all fuel injectors with all new o-rings P/N: 630979-9.
- Installed new intake gaskets P/N: 649950 on all intakes.
- Installed new spark plugs P/N: URHB32E in Cylinder 1B, 2T, 3T, and 4B
- Adjusted the cabin heat cable.
- Installed new sealant on the Tach Drive adapter plate.
- Installed Stratus by Appareo USB Charger P/N: 153010-000122 S/N: 001661 IAW Stratus Power Pro Installation Instructions P/N: 600840-000063 dated 20 July 2020 Rev. 1.0
- Installed Garmin GSB15 P/N: 010-02544-51 S/N: 63M551053 IAW Garmin Installation manual P/N: 190-00303-A3 dated March, 2021 Revision 6.

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. This aircraft is APPROVED FOR RETURN to service only with regards to the work performed.

[REDACTED] Certificate A&P: [REDACTED]

Sign: [REDACTED] | Date: 06-12-2024

...work IAW Cirru
e above work order was perform
ENCY. This aircraft is APPROVEI

[REDACTED]
Michael Cox
[REDACTED]

24 February 2024

Pursuant to 14 CFR Part 43 §43.11(a) the following unairworthy item was found during the Annual Inspection of N831AZ (S/N: 0003). This item must be corrected in order to complete an airworthy Annual Inspection.

- Incorrect paint on aircraft, does not meet the requirements of Cirrus SR22 Maintenance Manual Section 51-30.

This letter serves to inform you that aircraft N831AZ is not in compliance with a current airworthy Annual Inspection.

[REDACTED]
[REDACTED]
Chief Inspector
Lone Mountain Aviation Inc.
[REDACTED]