

N405CD

#2



The Standard

AIRCRAFT LOG

ASA-SA-2

Book #2

p
c

105

Aircraft Record General Information

CIRRUS DESIGN

Manufacturer CIRRUS DESIGN Model SR22

Serial 0944 Registration Number N405CD

Date of Manufacture MAY 2004

Engine(s) currently installed:

Manufacturer CONTINENTAL Model I O-550-N Serial 919206

Manufacturer / Model / Serial /

Propeller(s) currently installed:

Manufacturer HARTZELL PROP INC Model PHC-53YF-1RF

HUB Model / Serial FP2823B Serial /

Blade Model / Serial / Serial / Serial /

Blade Model / Serial / Serial / Serial /

Note: CARRY OVER FROM BOOK # 1 03-03-2011

Registered Owner Record

N405CD

S/N: 0944

LIFE LIMITED PARTS

NOMENCLATURE	PART NUMBER	SERIAL OR LOT NO.	EXPIRES
CAPS Rocket Motor	29500-003	S/N: 0321	30/APR/2023
CAPS Parachute	25574-004S	S/N: 3990R1	30APR//2023
CAPS Reefing Line Cutters	25347-002	S/N: 9218 & 9229	30/MAR/2022
ELT Battery	MN1300	INST. 29/APR/2016	30/AUG/2021

Updated: 14/JUN/2018

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

YEAR
20

TOTAL
TIME IN
SERVICE

Current Weight and Balance Information

*IN COPIES
BOOK
OK*

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N382CP
2-9-11

CIRRUS SR20
HOBBS: 2016.8

S/N: 1871
FLIGHT: 1462.5

Maintenance performed:

- Completed 100 hour I/A/W Crownair 100 Hour/Annual Inspection Checklist, Form CA 105
- Complied with FAR 91.207(d) test and inspection. Batteries due 3/2013
- Tightened ALT #1 "FLD" terminal stud nut, resealed wiring
- Retorqued all rocker cover screws
- Replaced left brake pads with new P/N: 066-10500, IAW Cirrus SR20 mm 32-42
- Replaced right brake discs with new P/N: 164-01501, IAW Cirrus SR20 mm 32-42
- Replaced left main tire with new P/N: 301-249-021, S/N: 02777682, IAW Cirrus SR20 mm 32-41
- Replaced antiskid tape to pilot & co-pilot steps

I certify that this aircraft has been inspected in accordance with a 100 hour and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #LT-11-05142


Authorized Representative

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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
3-31-2011

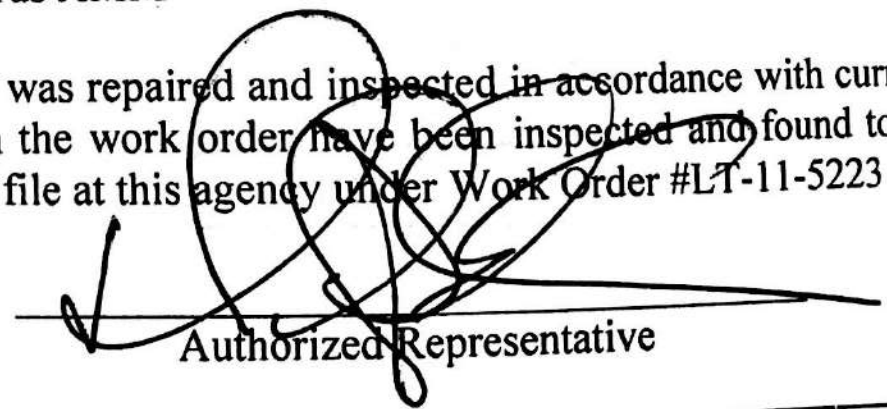
CIRRUS SR22
HOBBS: 1689.3 HRS

S/N: 0944
FLIGHT: 585.9

Maintenance performed:

- Replaced Co-pilot door latch with PN#21889-001 per Cirrus AMM

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current Federal Aviation Regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #LT-11-5223



 Authorized Representative

AIR TE	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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
5-20-2011

Cirrus Design SR22
Hobbs: 1734.9

(IP)

S/N: 0944
Flight: 618.7

ACTT: 1524.4 HRS

Maintenance performed:

- Complied with **100 hour Inspection I/A/W** Crownair Annual/100 Hour Inspection Checklist, Form CA 105.
- Repaired left hand main wheel fairing axle bolt hole with fabricated back plate
- Replaced left main tire with P/N: 156E66B1, S/N: 70167235
- Removed gouges on spinner from TKS tube chaffing

I certify that this aircraft has been inspected in accordance with a **100 hour inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #LT-11-05305.



 Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
6-30-11


Cirrus Design SR22
 Flight Hour Meter: 641.1 Hrs

S/N: 0944

Maintenance performed:

- Removed copilot's seat and adjusted break-over bolts I/A/W Cirrus AMM & SB A2X-25-08. Reinstalled copilot's seat and Ops checked good at this time.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current Federal Aviation Regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #LT-11-05365.



 Authorized Representative

EAR O ATE	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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
7-14-11

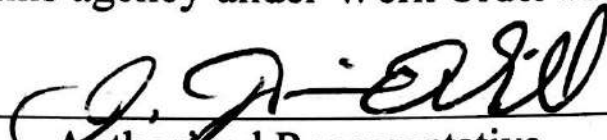
Cirrus Design SR22
Hobbs: 1798.6 Hrs

S/N: 0944
FLY: 669.9 Hrs

Maintenance performed:

- Installed new spring on R/H lower cabin door latch and adjusted post position and lubricated parts. Ops checked good.
- Gained access to pitot lines and static lines and applied air pressure to clean out blockage from static ports in order to correct erroneous readings on VSI, altimeter and airspeed indicators.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current Federal Aviation Regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #PA-11-05392.



 Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
9-21-11

Cirrus Design SR22
Hobbs: 1837.5 Hrs

S/N: 0944

Maintenance performed:

- Troubleshoot INOP #2 GPS by swapping GPS units and problem did not follow. Swapped unit back in its original position. Gained access to #2 GPS antenna under glareshield. Found loose connection. Reseated coax connector and GPS now Ops tests good.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current Federal Aviation Regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Details of the repair are on file at this agency under Work Order #AV-11-01506.

 Authorized Representative

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
10-13-11

Cirrus Design SR22
Hobbs: 1859.2 Hrs

S/N: 0944
FHM: 715.1 Hrs

Maintenance performed:

- Complied with **100 hour Inspection** I/A/W Crownair Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R2** by inspection of NLG gusset plate and fillet welds. Found 2 small cracks on gusset plate but within limits. Due again @ 815.1 Hrs FHM.
- Replaced burnt harness to landing light with new P/N 20247-106. Recovered harness assy with heat shield tape.
- Replaced L/H inner wheel fairing bracket with new P/N 17205-001.
- Serviced aircraft battery fluid level.
- Replaced both brake shim insulators with new P/N 68-01100.
- Lubricated and inspected all wheel bearings. No defects found.
- Replaced tail tiedown assy (bumper) with new improved P/N 16678-001 I/A/W **SB 2X-53-03**.
- Replaced missing grommet on battery drain hose on lower cowl plate with new P/N MS35489-17.
- Replaced L/H wing strobe light with new P/N 36-0050705-00. Ops checked good.

I certify that this aircraft has been inspected in accordance with a **100 hour inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05510.


Authorized Representative

YEAR

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
2-08-12

Cirrus Design SR22
Hobbs: 1888.2 Hrs

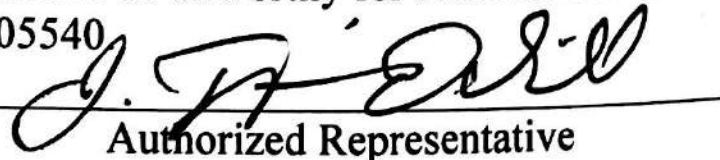
S/N: 0944
Flight Hour Meter: 733.4 Hrs
ACTT: 1639.1 Hrs

Maintenance performed:

- Complied with **Annual Inspection** I/A/W Crownair Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test I/A/W FAR 91.207 (d) and found satisfactory. ELT batteries are due replacement on July 2015.
- Complied with **SB 2X-32-19 R2** by dye check inspection and found small cracks on NLG upper gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 1739.1 Hrs ACTT.
- Removed and reinstalled engine, Model IO-550-N, S/N 917206 after overhaul. See engine logbook for details.
- Replaced #4 cylinder EGT probe with new P/N 16579-002. Ops checked good.
- Replaced #4 cylinder CHT probe with new P/N 14880-001. Ops checked good.

I certify that this aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05540


Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
5-02-12

Cirrus Design SR22
Hobbs: 2011.8 Hrs

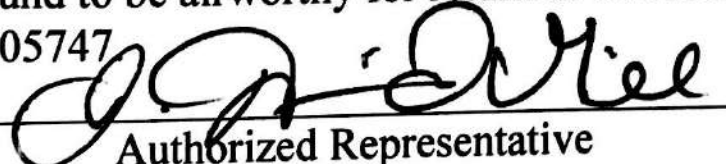
S/N: 0944
Flight Hour Meter: 829.2 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** I/A/W Crownair Aviation Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R2** by inspection of upper gusset plate and forward nose gear strut fillet weld. Previously found cracks still within limits. Due inspection every 100 Hrs. Due again @ 929.2 Hrs FHM.
- Replaced #5 EGT probe with new P/N 14554-001 and installed with new connectors and cable seals.
- Fabricated and installed new bracket for the prop de-ice line under R/H baffle.
- Replaced mixture control cable rod end with new P/N 200875.
- Replaced R/H aileron gap seal with new P/N 14390-002.
- Replaced all brake linings with new P/N 066-06200.
- Replaced L/H main tire with new Goodyear Flight Custom III, 15X6.0-6 tire, P/N 301-249-006, S/N 13182165.
- Removed nose gear fork, cleaned bushings, reinstalled and torqued I/A/W Cirrus AMM 32-20.

I certify that this **aircraft** has been inspected in accordance with an **100 Hour Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05747


Authorized Representative

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.)

Air 88, Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J Montgomery Dr.
San Diego, CA 92123

N405CD
5-02-12

Cirrus Design SR22
Hobbs: 2011.8 Hrs

S/N: 0944
Flight Hour Meter: 829.2 Hrs

I certify that the altimeter(s) and static system test required by FAR 91.411 have been performed and found to comply with FAR 43 Appendix E. The altimeter(s) have been tested to 25,000 feet.

I certify that the ATC transponder(s) test and inspection required by FAR 91.413 has been performed and found to comply with FAR 43 Appendix F.

Pilot's ADC: S/N 26305114
Standby Altimeter: S/N 453887
Altitude Encoder: 89562

#1 Transponder: S/N 83716749

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this agency under Work Order #PA-12-05747.


Authorized Representative

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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD

Cirrus Design SR22

S/N: 0944

8-24-12

Hobbs: 2132.5 Hrs

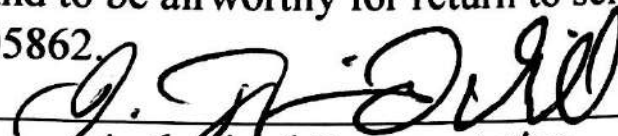
Flight Hour Meter: 924.4 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** I/A/W Crownair Aviation Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R2** by inspection of upper gusset plate and forward nose gear strut fillet welds. Found 2 small cracks less than .250 inch on left and right side of NLG gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 1024.4 Hrs FHM.
- Replaced nose gear rebound bumper with new P/N 18380-001.
- Cleaned, inspected and greased all wheel bearings.
- Charged battery and serviced fluid level as required.
- Filled minor cracks on left and right inner main wheel fairings with epoxy as required.
- Replaced right main tire with new Goodyear Flight Custom III 15X6.0-6 tire, P/N 301-249-021 (P/N 156E66-4), S/N 20707601.
- Replaced nose tire with new Michelin 5.00-5 6 ply tire, P/N 072-312-0, S/N 0261S00468.

I certify that this aircraft has been inspected in accordance with a **100 Hour Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05862.


Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
8-29-12

Cirrus SR22
Hobbs: 2142.7 Hrs

S/N: 0944
Flight Hour Meter: 931.2 Hrs

Maintenance performed:

- Customer reports engine will not turn over when trying to start. Inspected battery and found dead cell. Removed battery, serviced and charged new Gill G-243, S/N G02725862 and installed. Started engine and checked charging system. Checks good at this time.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05886.



 Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
12-21-12


Cirrus SR22
Hobbs: 2224.7 Hrs

S/N: 0944
Flight Hour Meter: 991.2 Hrs

Maintenance performed:

- Remounted and installed new center arm rest cover.
- Installed new aileron rudder interconnect bungee, P/N 12983-001.
- Disconnected #6 CHT probe and made placard as per customer's request.
- Replaced tail tie-down bumper with new P/N 16678-001 using 3M Aerospace Sealant AC-251 B-1/2 3.5 Fl. Oz.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05986.



 Authorized Representative

YEAR
20
DATE

TACH

FLIGHT

TIME IN

Entries must be endorsed with Name, Rating and Certificate Number of

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
2-01-13

Cirrus Design SR22
Hobbs: 2266.6 Hrs

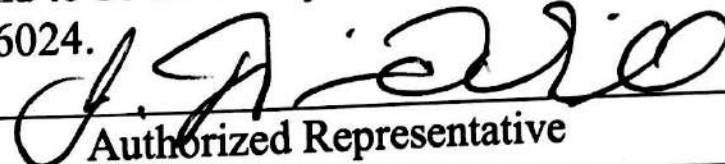
S/N: 0944
Flight Hour Meter: 1023.1 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test I/A/W FAR 91.207 (d) and found satisfactory. ELT battery replacement due on July 2015.
- Complied with **SB 2X-32-19 R3** by dye check inspection and found small cracks on NLG upper gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 2027.5 Hrs ACTT.
- Replaced "No Push" placard on L/H & R/H elevators with new P/N 12431-001.
- Removed Sensor Interface Unit (SIU), P/N A0800, S/N 913, sent to Radiant Power Corp. for repair and reinstalled.
- Cleaned, inspected and greased all wheel bearings.
- Repaired L/H and R/H wheel fairing inboard panels by filling damaged areas with fiberglass, sanded when dry, aligned panels, drilled holes, then painted.

I certify that this aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-13-06024.


Authorized Representative

YEA
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DATE

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
5-22-13

Cirrus Design SR22
Hobbs: 2360.0 Hrs

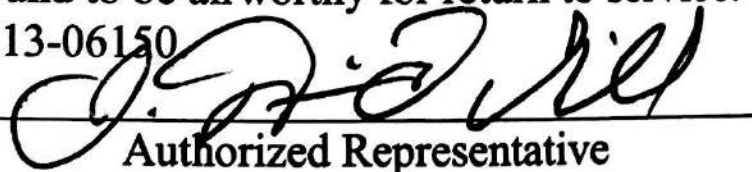
S/N: 0944
Flight Hour Meter: 1093.5 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R3** by inspection of upper gusset plate and forward nose gear strut fillet welds. Due again @ 1193.5 Hrs FHM.
- Adjusted cabin air/defrost control to correct position.
- Replaced pilot's side door strut with new P/N 18200-003.
- Patched cracks on left and right main gear inboard main fairing.
- Replaced push to talk switch on pilot's yoke with new P/N 50339-001 I/A/W Cirrus SR22 AMM 27-10. Ops checked good on ground power.
- Greased all wheel bearings.
- Rotated left main tire due to uneven wear.

I certify that this **aircraft** has been inspected in accordance with an **100 Hour Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-13-06150


Authorized Representative

YEAR 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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
8-13-13

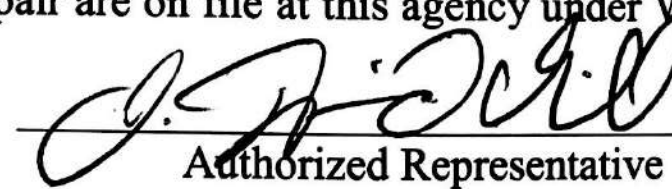
Cirrus SR22
Hobbs: 2470.4 Hrs

S/N: 0944
Flight Hour Meter: 1182.3 Hrs

Maintenance performed:

- Customer reports that the right strobe is INOP. Troubleshoot and found both power supply and strobe lamp are INOP. Replaced strobe bulb with new P/N 36-0050705-00 and strobe power supply with new P/N 01-0770062-05, S/N 11842, Mfg. 06/13. Tested system and Ops checks good.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-13-06244.



 Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
8-22-13

Cirrus Design SR22
Hobbs: 2478.9 Hrs

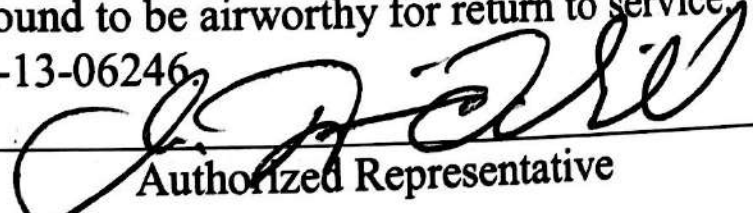
S/N: 0944
Flight Hour Meter: 1188.5 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R3** by inspection of upper gusset plate and forward nose gear strut fillet welds and no defects noted. Due again @ 1288.5 Hrs Flight Hour Meter.
- Replaced left main gear tire with new P/N 156E44-4, S/N 21397573. Cleaned and repacked bearings.
- Replaced armrest console lanyard with new P/N 15062-001.
- Repaired INOP air control knob and replaced knob set screws.

I certify that this **aircraft** has been inspected in accordance with a **100 Hour Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-13-06246.



 Authorized Representative

YEAR
20
DATE

TACH
TIME

FLIGHT

TIME IN
SERVICE

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

Page 1 of 2

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
10-17-13

Cirrus Design SR22
Hobbs: 2577.6 Hrs

S/N: 0944
Flight Hour Meter: 1268.0 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R3** by inspection of upper gusset plate and forward nose gear strut fillet welds and no defects noted. Due again @ 1368.0 Hrs Flight Hour Meter.
- Complied with **SA 13-05** by inspection of elevator hinge pins and no defects noted at this time.
- Removed aircraft battery, serviced all cell levels, charged and reinstalled. Ops checks good.
- Repaired nose wheel fairing and painted as required.
- Replaced broken glove box lid cable with new lanyard P/N 15162-001.
- Repaired loose pilot's door window. Removed trim and pilot's door, removed all old PRC from window and door frame and cleaned. Masked off and reinstalled window with black PRC AC-251.
- Replaced all nose gear rubber shock discs with 6 each new P/N 13386-001.
- Tightened loose nose wheel assy and properly to Mfgr's Specs.
- Replaced left and right brackets on nose wheel pant support with 2 each new P/N 11799-003.
- Replaced right main tire with new P/N 061-501-0. Torqued wheel bolts to 150 in/lbs, repacked wheel bearings, mounted tire with new cotter pin, reinstalled brake pads and torqued brake pad bolts to 90 in/lbs.

AR TE	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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
 11-18-13

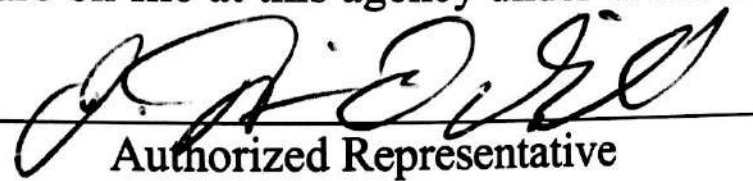
Cirrus SR22
 Hobbs: 2638.3 Hrs

S/N: 0944
 Flight Hour Meter: 1318.5 Hrs

Maintenance performed:

- Customer reports mixture control is stuck. Used extra lubrication on mixture control linkage and Ops checked good.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-13-06353.



 Authorized Representative

YEAR
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DATE

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TOTAL
TIME IN
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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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
12-02-13

Cirrus SR22
Hobbs: 2640.8 Hrs

S/N: 0944
Flight Hour Meter: 1320.2 Hrs

Maintenance performed:

- Checked nose wheel for shimmy. Jacked aircraft and checked nose wheel breakaway torque and found to be low. Retorqued spindle nut and re-safetied. Tightened and re-safetied nose gear mount pivot bolts.
- Replaced nose tire with new P/N 072321-0, S/N 3098S00136. Cleaned, inspected and greased wheel bearings at this time.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-13-06363.


Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
1-29-14

Cirrus SR22
Hobbs: 2687.4 Hrs

S/N: 0944
Flight Hour Meter: 1356.3 Hrs

Maintenance performed:

- Replaced mixture control cable with new P/N 14065-101 and "as removed" mixture lever P/N 10010-002, NSN. Connected all rod ends and installed cotter pins.
- Removed #4 CHT probe, cleaned cannon plug and reinstalled.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06418.


Authorized Representative

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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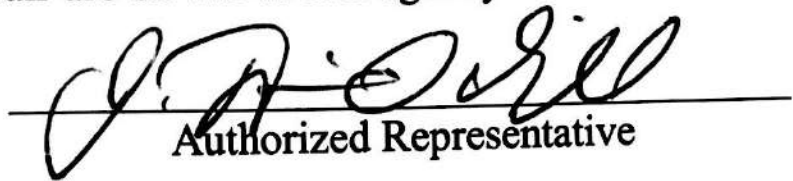
Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD	Cirrus SR22	S/N: 0944
2-24-14	Hobbs: 2697.9 Hrs	Flight Hour Meter: 1362.1 Hrs

Maintenance performed:

- Replaced right main tire with new P/N 301-249-021, S/N 31627589 and installed new tube P/N TU600-6ACL. Serviced tire pressure to 62 PSI and installed wheel assy to aircraft and safetied axle bolt. Reinstalled main wheel fairing I/A/W Cirrus SR22 CMM 32-41.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06456.



 Authorized Representative

YEAR

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

Page 1 of 2

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
3-07-14

Cirrus Design SR22
Hobbs: 2703.5 Hrs

S/N: 0944
Flight Hour Meter: 1366.7 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test per Artex Install Manual 25-62-30 and FAR 91.207 (d) and found satisfactory. ELT battery replacement due on July 2015.
- Complied with **SB 2X-05-02** by replacing induction duct flapper bolt with new P/N AN3-34 I/A/W supplied instructions. Due every 500 Hrs or 2 Yrs whichever occurs first. Due again @ 1866.7 Hrs Flight Hour Meter or March 2016.
- Complied with **SB 2X-32-19 R3** by dye check inspection and found small cracks on NLG upper gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 1466.7 Hrs Flight Hour Meter.
- Inspected left and right elevators for minor surface corrosion and found OK for flight at this time. Re-inspect next 100 Hrs or annual inspection.
- Replaced left and right main wheel upper fairing attach brackets with new P/N 13522-001.
- Replaced left main gear inboard fairing attach bracket with new P/N 17205-001.
- Removed leaking right brake caliper, disassembled, cleaned and resurfaced puck slide area. Reassembled with 2 new o-rings P/N MS28775-222, reinstalled, bled brake and service brake reservoir. Ops and leak checks good.

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
4-22-14

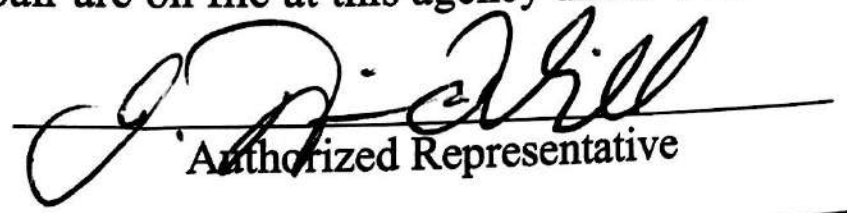
Cirrus SR22
Hobbs: 2719.6 Hrs

S/N: 0944
Flight Hour Meter: 1378.9 Hrs

Maintenance performed:

- Complied with 10 Year replacement of **CAPS parachute and rocket motor**. Removed old rocket motor assy P/N 14000/H, S/N 01383 and installed new rocket motor P/N 29500-003, S/N 0321 and new igniter P/N 26865-002, S/N 691287. Removed old parachute P/N 20331-001, S/N 01241 and installed a "INSPECTED" and repacked parachute assy P/N 25574-004S, S/N 3990R1. All work was done I/A/W Cirrus CMM 95-01-01. Next replacement due: April 11, 2023.
- Complied with Cirrus Mandatory **SB 2X-95-18 R1 CAPS Rocket Motor Assy** replacement with kits P/N 70268-002 I/A/W Cirrus CMM 95-01-01.
- Complied with Cirrus Mandatory **SB 2X-95-13 CAPS Strap Inspection**, no fraying found at this time.
- Replaced battery 2 with 2 each new sealed lead acid batteries P/N 50979-001. Ops checks good.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06512.


Authorized Representative

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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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
5-09-14

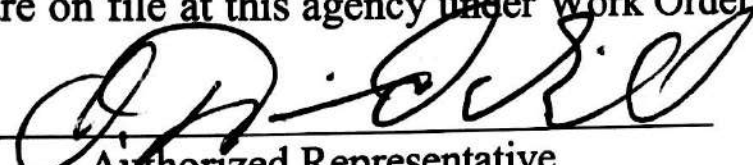
Cirrus SR22
Hobbs: 2726.5 Hrs

S/N: 0944
Flight Hour Meter: 1384.5 Hrs

Maintenance performed:

- Performed **FAR 91.411** Part 43 Appendix E and **FAR 91.413** Part 43 Appendix F. Certified the following components to 25,000 feet: Pilot's ADC P/N 700-00006-00, S/N 26305114; Standby Altimeter P/N 5934D-3, S/N 453887; Transponder P/N 011-00490-00, S/N 83716749; and Altitude Encoder P/N A-30, S/N 130483. No defects noted.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. AV-14-02271.


Authorized Representative

YEAR
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DATE

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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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
6-6-14

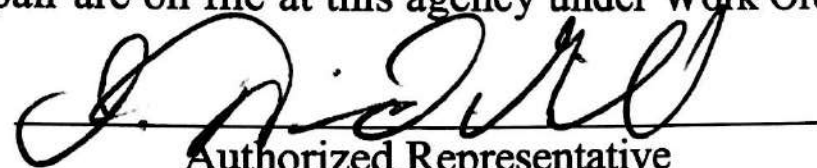
Cirrus SR22
Hobbs: 2763.4 Hrs

S/N: 0944
Flight Hour Meter: 1412.3 Hrs

Maintenance performed:

- Installed new Left aileron gap strip p/n 14390-003.
- Repositioned and secured left cabin door trim panel.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06584.


Authorized Representative

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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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
6-13-14

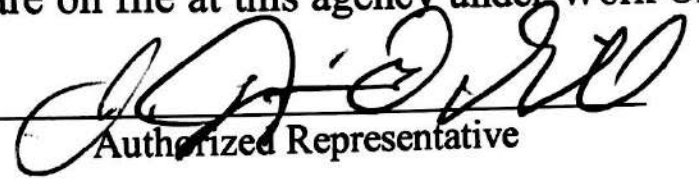
Cirrus SR22
Hobbs: 2764.8 Hrs

S/N: 0944
Flight Hour Meter: 1412.9 Hrs

Maintenance performed:

- Customer reports right main tire flat. Removed fairing and right wheel assy and disassembled. Washed and inspected all parts. Relubed wheel bearings and reinstalled same tire with new tube, P/N 097-500-0.
- Removed Alternator 2, P/N BC410-1, S/N 481914 and installed a B&C Specialty Products, Inc. overhauled alternator, P/N BC410-1, S/N 05076200. Work done I/A/W Cirrus SR22 AMM, Chap. 20-30.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06587.


Authorized Representative

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspection, 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.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
 6-19-14

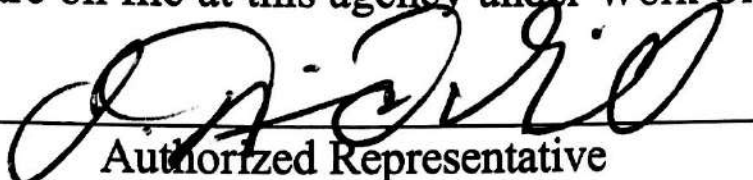
Cirrus SR22
 Hobbs: 2787.0 Hrs

S/N: 0944
 Flight Hour Meter: 1426.5 Hrs

Maintenance performed:

- Customer reports #4 and #6 CHT indications erratic. Removed #4 and #6 CHT probes and swapped with #3 and #5 CHT probes, cleaned connections and applied Stabilant 22 and performed ground run, all indications were normal and steady. After securing CHT harness wiring for flight, found #4 CHT indication was spiking with just power on the aircraft and without the engine running. Removed the connector for the probe to harness and hardwired into place. Performed more ground runs with all indications steady and true. Aircraft was test flown with no faults noted.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06600.



 Authorized Representative

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
8-19-14

Cirrus Design SR22
Hobbs: 2862.6 Hrs

S/N: 0944
Flight Hour Meter: 1486.2 Hrs

Maintenance performed:

- Complied with **100 Hour Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with **SB 2X-32-19 R3** by dye check inspection and found small cracks on NLG upper gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 1586.2 Hrs Flight Hour Meter.
- Re-trimmed pilot door, glued trim and added velcro to door upholstery for security.
- Re-attached co-pilot door seal onto door frame.
- Re-attached back seat upholster to airframe.
- Re-attached vent hose behind instrument panel and zip tied.
- Secured back seat carpet down with velcro.

I certify that this aircraft has been inspected in accordance with an **100 Hour Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-14-06676.


Authorized Representative

DATE

TIME

N405CD FHM: 1580.1 HOBBS: 2979.0 DATE : 3 NOV. 2014
 COMPLIED WITH A 100 HRS INSPECTION IAW CIRRUS CHECK LIST FOR SR-22
 COMPLIED WITH SB 2X-32-19 R2 BY INSPECTION OF NOSE LANDING GEAR, NO
 DEFECT FOUND AT THIS TIME. REPLACED RIGHT MAIN TIRE. REPLACED LEFT
 BRAKE CALIPER O-RINGS

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A
100 HRS INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA

[Signature] A:P 3564380

N405CD FHM: 1580.1 HOBBS: 2979.0 DATE : 3 NOV. 2014

PERFORMED FUNCTIONAL TEST OF ELT AS PER FAR 91.207(D)
 FOUND SATISFACTORY AT THIS TIME
 NEXT DUE @ 11/15

[Signature] A:P 3564380

SORBI AIRCRAFT MAINTENANCE SAN DIEGO, CA

NO
DATE

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TIME IN
SERVICE

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

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
1-28-15

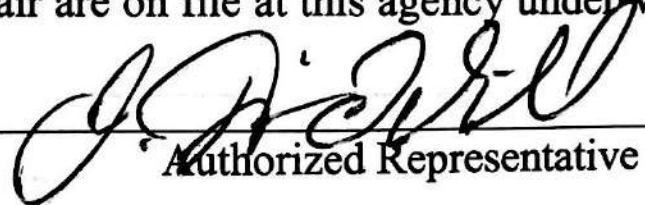
Cirrus SR22
Hobbs: 2979.0 Hrs

S/N: 0944
Flight Hour Meter: 1580.1 Hrs

Maintenance performed:

- Replaced broken propeller cable with new P/N 14064-102. Rigged, run up and Ops checks good.
- Customer reports autopilot had uncommanded pitch up. Tested and could not duplicate, found system 55X loose in rack, reinserted and tightened, retested and could not duplicate. No further action taken at this time.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-14-06815.



 Authorized Representative

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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.)

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Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
2-03-15

Cirrus SR22
Hobbs: 2999.9 Hrs

S/N: 0944
Flight Hour Meter: 1595.9 Hrs

Maintenance performed:

- Removed and replaced nose wheel tube with new P/N 092-308-0. Cleaned, inspected and repacked wheel bearings, torqued wheel bolts and reinstalled assy to aircraft.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-15-06936.


Authorized Representative

YEAR
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RECORDING
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TOTAL
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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.)

Page 1 of 2

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
3-30-15

Cirrus Design SR22
Hobbs: 3043.0 Hrs

S/N: 0944
Flight Hour Meter: 1629.8 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105.
- Complied with annual ELT inspection and functional test per Artex Install Manual 25-62-30 and FAR 91.207 (d) on ELT P/N 453-6603, S/N 188-12745, no defects noted. ELT battery due **July 2015**.
- Complied with **SB 2X-32-19 R3** by dye check inspection and found small cracks on NLG upper gusset plate but within limits. Due inspection every 100 Hrs. Due again @ 1729.8 Hrs Flight Hour Meter.
- Replaced worn L/H and R/H MLG brake linings with new P/N 066-06200.
- Replaced broken center console lanyard with new.
- Replaced R/H wing navigation light bulb with new P/N W1290-28.
- Replaced inop analog fuel and manifold pressure gauge backlighting light bulbs with new P/N 262-1500-010.
- Customer reports excessive nose wheel shimmy, aircraft pulls to right during taxi. Verified measure force required to rotate nose wheel. Normal condition achieved at 24 lbs. Range is 20 – 25 lbs. Lubricated nut and visually inspected teflon side of thrust washer, no defects noted.

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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Page 2 of 2

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N405CD
3-30-15

Cirrus Design SR22
Hobbs: 3043.0 Hrs

S/N: 0944
Flight Hour Meter: 1629.8 Hrs

- Customer reports Alternator #1 annunciator fail light intermittently illuminates as well as being extinguished when battery #1 is turned on at the switch. Troubleshoot annunciator, MCU, alternators #1 and #2 using operational inspection for the MCU, alternators #1 and #2, analog ammeter/volt I/A/W Cirrus SR22 AMM, Ch. 24-30 and Ch. 31-57. No defects noted at this time. Found pin F on plug III to be recessed compared to the rest of pins in pP/J III. Re-pinned pin F and cleaned plug with isopropyl alcohol. Treated plug with a dielectric and reseated plug / jack III.

I certify that this **aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-07015.


 Authorized Representative

DATE

TACH TIME

FLIGHT

TIME IN SERVICE

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

**Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123**

N405CD
4-10-15


Cirrus SR22
Hobbs: 3067.5 Hrs

S/N: 0944
Flight Hour Meter: 1649.3 Hrs

Maintenance performed:

- Customer reports autopilot pitch erratic. Using SR22 WDM 27-30-01, gained access to and tested both the pitch trim motor and the pitch servo for proper clutch and/or start-up voltages. Found pitch trim motor start-up was a little high but under the 4.2 VDC maximum recommended by Cirrus. Upon testing of the primary pitch servo, discovered that it's motor function was completely inop. Removed pitch servo P/N 0108-15-P4, S/N N/A and installed a S-TEC Corporation repaired unit P/N 0108-15-P4, S/N 9928. All work including rigging, adjustment and testing were accomplished I/A/W SR22 AMM Chap. 22-11. No further defects noted at this time.

I certify that with respect to the work performed this **aircraft** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. AV-15-02569.


Authorized Representative

MAKE: Cirus
MODEL: SR-22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
Murrieta7098-04-2016

Gryphon Aircraft Services, LLC.

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

DATE: 4/29/2016
A/C TSN: 3136.2
FLIGHTTIME: 1701.6

Avionics Entries

ALTIMETER AND STATIC SYSTEMS REQUIRED BY F.A.R. 91.411.
F.A.R. Part 43 Appendix E: PERFORMED ON THIS AIRCRAFT.
DATE 4/29/2016 CERTIFIED TO: 20000 FEET

TYPE: ADC ALT ENC POSITION _____

#1MODEL EX5000

#2MODEL 59340-3

#1S/N 26205114

#2S/N 453887

CERT ONLY: REG# N405CD

SIGNED: [Signature]

THE TRANSPONDER AND ALTITUDE REPORTING SYSTEM IN THIS AIRCRAFT WERE TESTED AND INSPECTED AS
REQUIRED IN F.A.R. 91.413 F.A.R. 43 APPENDIX F.

W/O# Murrieta7098-04-2016

#1MANUF: Garmin MODEL GTx527 S/N 83716749

#2MANUF: _____ MODEL _____ S/N _____

Date: 4/29/2016 INSPECTOR [Signature] for 2SDR271B

DATE: 4/29/2016

SIGNED: [Signature]

Work Order: Murrieta7098-04-2016

Printed by EBis 3 (datcomedia.com)

**RECORDING
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TIME**

MAKE: Cirrus
MODEL: SR-22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
Murrieta7098-04-2016

Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive
#602
Murrieta, CA 92583
Phone: 951-898-4260

DATE: 4/29/2016
A/C TSN: 2607.3
FLIGHTTIME: 1701.6

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**YEAR
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DATE**

Airframe Entries

HOBBS- 136.2 FLIGHT-1701.6 TTIS - 2607.3

Completed 100 HOUR INSPECTION per Manufacturer's and Gryphon Aircraft Services Inspection forms - Lubricated airframe per MM - Inspect and test ELT per FAR 91.207(d) and found to meet requirements, replace battery by August 2021... See AD note update sheet and master list for complete AD note history thru this date and current revision.... Replaced right brake caliper o-ring seals. Flushed, bled and serviced brake system with MIL-H-5606 fluid. Conditioned brakes IAW Cleveland Technician's Service Manual.... Replaced pyrotechnic reefing line cutters P/N 25347-002 IAW CAPS component maintenance manual 15994-001, Revision E3, chapter 95-01-01. New cutters mfg. date 3/2016, S/Ns 9218 & 9229.... Complied with Cirrus SB 2X-52-08 R2 by replacement of catcher/diverters and rod ends with Cirrus kit P/N 70544-001.... Complied with Cirrus SB 2X-28-12 R1 by operational check of electric fuel pump and insertion of revision 15-27 into POH.... Removed fuel stains/retorqued RH inboard fuel tank panel screws: No leakage noted at this time.... Replaced ELT battery. Due date AUG 2021. Inspect and tested in accordance with FAR 91.207(d).... Replaced #2 batteries with P/N 50979-001.... Replaced lower rudder hinge upper and lower halves P/Ns 20103-002 and 20104-001. Reinstalled rudder with new hardware and safetied. No rudder play noted at this time.... Replaced left and right brake discs P/N 164-02504, all brake linings P/N RA066-06200 and replaced missing brake caliper shims P/N 068-01100.... Replaced right tire Goodyear FCIII 15x600-6 6PR. Serviced to 62 PSI IAW maintenance manual.... Replaced left main gear leg grommet P/N 16937-002.... Replaced fwd & aft lower cowl seals P/Ns 20660-004 and 20665-003.... Replaced missing and damaged cowl hardware as needed.... Replaced missing right rear seatback hitch pin.... Replaced logic module P/N 14610-004- alt #1 operates & indicates normally. Replaced alternator #2 shear coupling P/N 13565-020- alternator #2 operates normally.... Replaced compass deviation card. Performed magnetometer calibration check IAW SR22 maintenance manual chapter 34-20. All magnetic headings are within spec per paragraph (p). Next due in 2 calendar years.... Replaced TKS filler "No Fuel" placard P/N 15518-001.... Retorqued engine mount weldment lower attach hardware and confirmed upper hardware is properly torqued IAW SR22 AMM Chap. 71-20 Pg 2.... Removed corrosion from flaps and elevator and touched up paint as needed.... Replaced LH middle isolator mount lock washer per Cirrus SR22 Maintenance Manual Chapter 71-20.... Replaced CAPS actuator handle cover attachment velcro....

Complied with Cirrus SB2X-05-02 by replacement of alternate air flapper valve hinge bolt AN3-34. Next due in 24 calendar months or 500 hours TIS, whichever comes first.... Inspected nose gear IAW Cirrus SB2X-32-19R3. Previously noted cracks are present, but do not appear to have propagated further. Next inspection due within 100 hours TIS. Note: fillet weld area has been repaired per section F.... Inspected & lubed ignition switch per Cirrus Maintenance Manual Chapter 74-30.... Cleaned exterior/ windows . De-greased belly.

I Certify that this AIRCRAFT has been inspected IAW and 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. Murrieta7098-04-2016. FAA CRS #2SDR271B.

DATE: 4/29/2016

SIGNED:



Work Order: Murrieta7098-04-2016

20 _____
DATE

TACH
TIME

FLIGHT

TIME IN
SERVICE

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

ENGINE MODEL:
IO550N27
ENGINE S/N: 917206
REG. NO: N405CD
WORK ORDER:
9332-09-2016



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 9/28/2016
A/C TSN: 3232.1
ENG TT: 3232.1
HOBBS: 3232.1

Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8qts. of Aeroshell 100w Plus. Engine run and leak check good. Complied with oil sample.

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 W.O. number.

DATE: 9/28/2016

SIGNED:

Work Order: 9332-09-2016

Hubbert, Eric
Certified Repair Station No. L9OR473Y

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**Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER**

Date: 10-11-16
Hobbs: 3248.9

N# : N405CD

S/N:

TT:

TTSMOH:

Installed new lens A612, 68-4230020-50 lens, cover A606 new strobe light 36-0050705-00. New nav light bulbs 34-0428070-64, 34-0428020-65. On left wing tip. Checked for operation.

AP 3841036

END

MAKE: Cirrus Design Corp
 MODEL: Sr22
 S/N: 0944
 REG. NO: N405CD
 WORK ORDER:
 9488-01-2017



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
 2830 N. Rancho Dr. Suite A
 Las Vegas, NV 89130
 Phone: (702) 309-2200

DATE: 1/20/2017
 A/C TSN: 3289.2
 HOBBS: 3289.2

Airframe Entries

Removed #5 EGT sensor P/N 16579-002 and installed new EGT sensor P/N 16579-002 IAW Cirrus SR22 MM 77-20. Ops check good.
 Installed new CAPS safety pin P/N 25027-001 IAW Cirrus SR22 MM 95-01-01.
 Performed rudder/aileron interconnect bungee rigging IAW Cirrus SR22 MM 27-20. Ops check good.

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 W.O. number.

DATE: 1/20/2017

SIGNED:

Work Order: 9488-01-2017

Hubbert, Eric
 Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
 IO550N27
 ENGINE S/N: 917206
 REG. NO: N405CD
 WORK ORDER:
 9488-01-2017



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
 2830 N. Rancho Dr. Suite A
 Las Vegas, NV 89130
 Phone: (702) 309-2200

DATE: 1/20/2017
 A/C TSN: 3289.2
 ENG TT: 3289.2
 HOBBS: 3289.2

Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8qts. of Aeroshell W100 plus. Engine run and leak check good. Oil sample taken.

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 W.O. number.

DATE: 1/20/2017

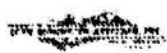
SIGNED:

Work Order: 9488-01-2017

Hubbert, Eric
 Certified Repair Station No. L9OR473Y

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
AV1680-01-2017



Lone Mountain Avionics

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas NV 89130
Phone: 702-309-2200

DATE: 2/1/2017
A/C TSN: 3289.2
HOBBS: 3289.2

Avionics Entries

Replaced broken Transponder Antenna P#11-17995 in accordance with AC43.13, transponder test good

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 W.O. number.

DATE: 2/1/2017

SIGNED:

Work Order: AV1680-01-2017

Raul Marquez
Certified Repair Station No. L9OR473Y

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
9504-01-2017



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 4/7/2017
A/C TSN: 3301
HOBBS: 3301

Airframe Entries

Repaired and repainted RH MLG wheel pant IAW Cirrus SR22 MM 51-20.
Removed damaged navigation lights from the right wing tip. Installed new bulbs P/N A508-28 and W1290-24 IAW Cirrus SR 22 MM 33-40.
Replaced right aileron gap seal IAW Cirrus SR22 Maintenance Manual Ch 57-50.
Installed MLG wheel fairings on both left and right gear IAW Cirrus SR22 MM 32-10.

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 W.O. number.

DATE: 4/7/2017

SIGNED:

Work Order: 9504-01-2017

Hubbert, Eric
Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
9618-03-2017



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/19/2017
A/C TSN: 2852
TACH: 1846.3

Airframe Entries

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Complied with AD research through Bi-Weekly 2017-09, dated 4/30/2017.
Complied with ELT inspection per 91.207 (D). Operational check was good with no defects noted. Battery Due: Aug 2021.
Checked for compliance of SB 2X-05-01. No defects noted at this time.
Complied with MCU - Inspect, clean, corrosion proof and reseal IAW Cirrus AMM 24-30 pg.31
Installed two new screws in the MCU IAW Cirrus SR22 MM chapter 20-70-00.
Removed #2 alternator, and leaking garloc seal. Installed new garloc seal P/N 25102. Reinstalled #2 alternator using new gasket P/N 653487 IAW Cirrus SR22 MM chapter 24-30. System operational check good.
Tightened brake reservoir b-nut IAW Cirrus SR22 MM chapter 20-70-00. Cleaned brake fluid stains from brake lines and firewall.
Complied with Cirrus service bulletin SB2X-32-19R3 Nose Landing Gear Assembly Inspection and Reinforcement. Found cracks are within serviceable limits. Next compliance due at 2852.0.
Installed new TKS filter P/N 26115-01 IAW Cirrus SR22 MM chapter 30-05. Leak and operational check good.
Installed the following new exterior placards rudder - NO PUSH, P/N 12431-001, vortex generator - NO STEP, P/N 12433-001, caps cover - WARNING, P/N 12430-001, and TKS tank DE-ICING FLUID, P/N 15334-001 IAW Cirrus SR22 MM chapter 11-20.
Adjusted right cabin door seal and installed new section to fill gap on lower section of seal IAW Cirrus SR22 MM chapter 52-10.
Rotated L/H MLG tire IAW Cleveland Wheels and Brakes MM Section 300.
Inspected and lubed right aileron actuator pulley IAW Cirrus SR22 MM chapter 27-10-00. No defects noted, no further action taken.
Installed and rigged new aileron-rudder interconnect bungee cord P/N 12983-001 IAW Cirrus SR22 MM chapter 27-20.
Removed worn brake linings and replaced with new brake linings, P/N: 066-06200, IAW Cleveland Wheels and Brakes MM Section 200.
Removed worn NLG tire, P/N: 072-312-0 S/N: 3098S00136, and replaced with new tire, P/N: 505C66-5 S/N: 61412204, IAW Cleveland Wheels and Brakes MM Section 300.
Installed yellow temp stickers, P/N: 51698-003, on both brake calipers IAW Cirrus SR22 MM Ch. 32-42.
Adjusted NLG strut fairing IAW Cirrus SR22 MM Ch. 32-20.
Serviced brake reservoir IAW Cirrus SR22 MM chapter 12-10.
Adjusted max RPM to meet proper manufacturer specifications IAW Cirrus SR22 MM 61-20.
Adjusted environmental system control push rods to meet proper manufacturer specifications IAW Cirrus SR22 MM 21-60.

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 W.O. number.

DATE: 5/19/2017

SIGNED:

Work Order: 9618-03-2017

Hubbert, Eric
Certified Repair Station No. L9OR473Y

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
AV1748-05-2017



Lone Mountain Avionics

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: 702-309-2200

DATE: 5/19/2017
A/C TSN: 2752
TACH: 2752

Avionics Entries

Removed GMA 340 PN:011-00401-10 SN: 96268928 and installed and Tested NEW PMA8000BT PN: 050-890-702 SN: HBT5072 IAW Cirrus AMM CH 34-50 and PS Engineering Installation manual 200-0890-1702 Rev4 Dec 2016 Page 2-13.

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 W.O. number.

DATE: 5/19/2017

SIGNED:

Work Order: AV1748-05-2017

Raul Marquez
Certified Repair Station No. L9OR473Y

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ENGINE MODEL:
IO550N27
ENGINE S/N: 917206
REG. NO: N405CD
WORK ORDER:
9186-06-2016



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/14/2016
A/C TSN: 3168.1
ENG TT: 3168.1
TSMOH: 3168.1
HOBBS: 3168.1

Engine Entries

Changed oil and filter. Cut open filter and checked for metal. None found. Installed new CH48108-1, and 8 qts. Aeroshell 100W Plus. Engine run and leak check good. Oil sample taken.

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 W.O. number.

DATE: 6/14/2016

SIGNED:

Work Order: 9186-06-2016

Hubbert, Eric
Certified Repair Station No. L9OR473Y

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**TOTAL
TIME IN**

Equipment Addition, Removal or Exchange

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
10342-04-2018



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/15/2018
A/C TSN: 2912.4
FLIGHTTIME: 1906.7

Airframe Entries

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Complied with aircraft records review, which included: Status of chapter 04 Airworthiness Limitations items. Status of chapter 05 Time Limits items. Compliance of applicable Mandatory Service Bulletins. Compliance of applicable Airworthiness Directives through Bi-Weekly 2018-11. Complied with ELT inspection per 91.207 (D). Operational check was good with no defects noted. Battery Due: Aug 2021. Complied with SB 2X-05-01. condition of temp stickers on brake caliper, inspected and temp stickers are good, no further action required at this time. Complied with MCU - Inspect, clean, corrosion proof and reseal IAW Cirrus AMM 24-30 pg.31
Reset circuit breaker for #2 alternator did a run up and found no issues IAW Cirrus SR22 AMM section 24-30.
Removed landing light HID bulb assy P/N: 20247-201, installed new assy P/N: 20247-201, S/N: 62973, IAW Cirrus SR22 AMM section 33-40 functional check good.
Removed and replaced #5 CHT probe IAW Cirrus SR22 AMM section 77-20.
Removed, cleaned, reassembled, and adjusted nose wheel fork assembly IAW Cirrus SR22 AMM section 32-20.
Removed and replaced L/H and R/H door seals IAW Cirrus SR22 AMM section 52-10.
Removed left main tire P/N:156E66-4, S/N:11382333 and installed new tire P/N:156E66-4, S/N: 71232013, IAW SR AMM Ch 32
Removed right main tire P/N:156E66-4, S/N: 60262253 and installed new tire P/N:156E66-4, S/N: 70612007, IAW SR AMM per Ch32
Installed New B pillar interior trim IAW Cirrus SR22 AMM section 25-10.
Reinstalled rear window edge trim IAW Cirrus SR22 AMM section 25-10.
Removed and replaced nose wheel rebound bumper IAW SR AMM h 32-20
Right aileron gap seal replaced IAW SR22 AMM CH 27.
Removed and replaced #2 batteries IAW Cirrus SR22 AMM section 24-30. Next due date 6/30/2020
Complied with SB2X-95-24R1 CAPS Rocket Shelf Ground Wire installation. Functional check good.
Re-bonded pilot side window to door frame. IAW SR22 MM 56-30.

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 W.O. number.

DATE: 6/15/2018

SIGNED:

Travis L Anderson
Certified Repair Station No. L9OR473Y

Work Order: 10342-04-2018

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Addition of Required—Exchanged
 Removal of Required—Exchanged

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
10450-06-2018



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/27/2018
A/C TSN: 2917.7
FLIGHTTIME: 1912

Airframe Entries

Removed alternator #2 field control module and installed new module IAW Cirrus SR22 MM 24-30. Functional check good.
Removed landing light relay and installed new relay. Removed landing light ballast and installed serviceable ballast. IAW Cirrus SR22 MM 24-30. Ops check good.
Removed Alternator #1 current sensor and installed new sensor IAW Cirrus SR22 MM 24-30. Functional check good.

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 W.O. number.

DATE: 6/27/2018

SIGNED:


Travis L Anderson
Certified Repair Station No. L9OR473Y

Work Order: 10450-06-2018

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER:
AV2072-07-2018



Lone Mountain Avionics

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: 702-309-2200

DATE: 7/6/2018
A/C TSN: 2917.7
FLIGHTTIME: 1912

Avionics Entries

Removed #1 GPS antenna PN: CI 420-221 SN: 129533 and installed Serviceable GA-56 GPS antenna PN: 011-00134-00 SN: 5910630 IAW Cirrus AMM Chapter 34-50. Checks good on ground
Removed MCU 120 PN: 16600-011 SN: 00813, reinstalled MCU P/N 16600-011 (S) S/N 00443, IAW Cirrus M/M chapter 24-30, all hardware torqued, ops check good.

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 W.O. number.

DATE: 7/6/2018

SIGNED:


Raul Marquez
Certified Repair Station No. L9OR473Y

Work Order: AV2072-07-2018

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Coast Aviation Services LLC
8525 Gibbs Dr. Suite 201
San Diego, CA 92123

N405CD
07-05-2019

Cirrus Design SR22
Hobbs: 3432.6

S/N: 0944
Flight Hour Meter: 1941.2

Maintenance performed:

- Complied with **Annual Inspection** referencing Annual/100 Hour Cirrus Checklist for SR22.
- Performed ELT inspection/tests per Artex Install Manual ME406ELT 570-1600 and FAR 91.207(d) on ELT P/N:453-6603 S/N:12745, no defects noted. Battery due AUG 2021.
- Right-Hand inboard fairing bracket broken, removed and replaced bracket with new P/N 17205-002.
- Fuel leaks on both wings inboard and outboard. Drained fuel and removed panels, cleaned, prepped surfaces and resealed panels referencing Cirrus SR22 AMM-28-10, leak checked good.
- Replaced missing tire gauge button cover with new P/N 17205-002.
- Pilot side door gets stuck and doesn't latch or open. Rigged pilot door in reference to Cirrus SR22 AMM-52-10-1.
- Jacked aircraft and removed nose landing gear bolts and bushings. Installed new bolts and bushings P/N NAS6608-10D (x2), P/N 13705-003 (x2), P/N NAS77-8-050 (x2) & 50545-001. Torqued and safe tied all hardware in reference to Cirrus SR22 AMM-32-20.
- Pilot side window and rear window PRC worn and leaking. Cleaned, prepped and resealed rear window and pilot window in reference to Cirrus SR22 AMM-20-10.
- Baggage door strap is broken. Replaced baggage door strap with P/N 20579-001.
- Performed magnetometer calibration I/A/W Cirrus 13733-001, CH 34-20 PG 21, updated correction card and installed in aircraft.

I certify the airframe, engine and/or component identified was repaired and inspected in accordance with the current Repair Manual System and the Federal Aviation Regulations, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work Order #WO10114.


Stanley Dixon A/P 3729592 I/A

(1) Use 100FPM with 1000 differential for unpressurized units
(2) Optional data and not required should Altimeter or ADC units not be used

MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER: AVHND0225-03-2021

Repair Station No. L9OR473Y
2830 North Rancho Drive Ste A
Las Vegas, NV 89130
Phone: (725) 605-7972

DATE: 4/21/2021
A/C TSN: 2869.2
FLIGHTTIME: 1963.5

Avionics Entries

Removed existing GPS antenna - P/N 011-00134-00, S/N 59410630. Installed new GPS/WAAS antenna - P/N013-00235-00, S/N 150622. Removed a GNS-430 P/N: 011-00280-10 S/N: 97120309 at FS: 121.0 Installed a new GTN-650xi P/N: 011-04631-00 S/N: 5FP004031 weight at same location referencing GTN Xi Part 23 AML STC Installation Manual (190-01007-C0) Rev. 3 dated 03/03/21. System checks good at this time. See Form 337 dated 04/09/2021.

Removed GTX-327 P/N: 011-00490-00 S/N: 83716749 at FS 124.9, and Installed a new GTX-345 P/N: 011-03302-01 S/N: 3EG040659 at same location referencing GTX 3XX Part 23 AML STC Installation Manual (190-00734-10) Rev. 14 dated 01/30/20. System checks good at the time. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. See Form 337 dated 4/9/2021.

Removed MFD Software card P/N: 053-00180-100 S/N: N/A containing software 530-00180-100 REV 0

Installed MFD Software Card 053-00235-100 REV 2 containing software 850-00013-512 (8.2.2) referencing EX5000 MFD Release 8.2.2 Software Upgrade (Service Bulletin 601-00004-107) REV 4 dated 18DEC2019. System checks good at this time.

Removed failed probe - P/N PH502, NSN. Installed a new probe - P/N PH502, NSN. Complied with leak check of the pitot system with no defects noted. Complied with heat check with no defects note. Work performed in reference to Cirrus SR22 AMM, sect. 34-00. DPS-450 S/N 50501166, Cal Due: 3/21/2022.

Complied with altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413. Maintenance and inspections have been performed and found to comply with 14 CFR 43, Appendix E and F. Altimeter tested to 20000 feet. Test equipment used DPS-450, next calibration due 3/21/2022.

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 W.O. number.

DATE: 4/21/2021

SIGNED:


Joseph A. Brault
Certified Repair Station No. L9OR473Y

Work Order: AVHND0225-03-2021

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MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 0944
REG. NO: N405CD
WORK ORDER: HND0513-03-2021



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 North Rancho Drive Ste A
Las Vegas, NV 89130

DATE: 4/22/2021
A/C TSN: 2869.2
FLIGHTTIME: 1963.5

Note:

Airframe Entries

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to 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 2021-06. Complied with ELT inspection per 91.207 (d). Operational check was good, no defects noted. Battery Due: Aug 2021

Removed old window sealant around both cabin doors and rear, upper window. Reapplied sealant around both door windows and rear, upper window IAW Cirrus SR22 AMM, sect. 56-30.

Removed old grommet and sealant around VOR antenna. Reinstalled new grommet and sealant. Work performed IAW Cirrus SR22 AMM, sect. 34-50. Applied new 'No Push' placards to left and right elevators IAW Cirrus SR22 AMM, sect. 11-20.

Removed deteriorated cowling seal tape from cowl. Cleaned cowling and installed new cowling seal tape IAW Cirrus SR22 AMM, sect. 71-10.

Installed new left side baffle assembly IAW Cirrus SR22 AMM, sect. 71-00.

Removed worn baffle seal, forward left, and replaced with new IAW Cirrus SR22 AMM, sect. 71-00.

Installed aft baffle grommet for throttle pass through IAW Cirrus SR-22 AMM, sect. 76-10.

Removed and replaced right magneto ring terminal IAW AC43.13-1(b) chapter 11.

Installed new screws attaching baffle around magnetos IAW Cirrus SR22 AMM, sect. 71-00.

Stop drilled crack in front, left baffle and patched IAW AC43.13-1B Chapter 4.

Adjusted propeller slinger ring feed tube to be within tolerances IAW Cirrus SR22 AMM, sect. 30-60.

Removed propeller spinner dome, PN: C-3532-5P, SN: AI-0385, and installed serviceable spinner dome PN: C-3532-5P, SN: AJ-3704 IAW Cirrus SR22 AMM, sect. 61-10.

Stop drilled cracks in right baffle IAW AC43.13-1B.

Accomplished basic sheet metal repair to right engine baffle assembly referencing AC43.13.

Installed new engine air filter PN: BA-24 referencing Cirrus SR22 AMM, sect. 71-60.

Removed main aircraft battery, PN: G-243, SN: G02992076 and installed and top-charged new battery, PN: G-243, SN: G03072046, IAW Cirrus SR22 AMM, sect. 24-30.

Replaced landing gear fairing well nut, right wing, IAW Cirrus SR22 AMM, sect. 32-10.

Accomplished Porous Panel Purging Procedure using the TKS test cart IAW SR22 AMM, sect. 30-00 until all TKS panel performance was acceptable and panels flowed adequately. Returned aircraft to normal configuration for service.

Fuel injector nozzles cleaned IAW Continental Injector Nozzle MM, FI-2.

Installed new TKS system filter IAW Cirrus SR22 AMM, sect. 30-05. Leak check good.

Installed new induction flapper bolt IAW Cirrus SR22 AMM, sect. 71-60.

Installed new #2 batteries IAW Cirrus SR22 AMM, sect. 24-30.

Complied with Engine Mount Weldment, Lower Mount Attach Fittings Torque Check IAW Cirrus SR22 AMM, sect. 53-40, 71-20. No discrepancies noted.

Complied with Airworthiness Directive AD2020-16-11 by performing radius blend modification of cylinder assemblies IAW Continental MSB18-08B. No further action required.

Adjusted aileron cable tension to within limits IAW Cirrus SR22 AMM, sect. 27-10.

Adjusted elevator control cable tension to within limits IAW Cirrus SR22 AMM, sect. 27-30.

Adjusted rudder travel to be within limits by adjusting the rod end at the rudder bellcrank pushrod IAW Cirrus SR22 AMM, sect. 27-20.

Performed adjustment of latch assembly on both pilot and co-pilot doors IAW Cirrus SR22 AMM, sect. 52.

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 W.O. number.

DATE: 4/22/2021

SIGNED:


Joseph Amireault
Certified Repair Station No. L9OR473Y

Work Order: HND0513-03-2021

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