

N5854A

**AIRCRAFT LOG**  
**AF5-1**

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. 3/2002  
SERIAL NUMBER 0171 REGISTRATION NUMBER N5251A

REGISTERED OWNER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
OPERATOR \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
REGISTERED OWNER \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
OPERATOR \_\_\_\_\_  
STREET ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED \_\_\_\_\_

MAINTENANCE RESPONSIBILITY \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## INSTALLED EQUIPMENT

| ITEM      | MANUFACTURER                | MODEL      | SERIAL NO.    |
|-----------|-----------------------------|------------|---------------|
| ENGINE    | Teledyne Continental Motors | JO550N7B   | R 626124<br>L |
| ENGINE    |                             |            | R<br>L        |
| PROPELLER | Hartzell Propeller Inc.     | PK33YF-1RF | FP1627B       |
| PROPELLER |                             |            |               |
| ENGINE    |                             |            |               |
| ENGINE    |                             |            |               |
| PROPELLER |                             |            |               |
| PROPELLER |                             |            |               |
| ENGINE    |                             |            |               |
| ENGINE    |                             |            |               |
| PROPELLER |                             |            |               |
| PROPELLER |                             |            |               |
| ENGINE    |                             |            |               |
| ENGINE    |                             |            |               |
| PROPELLER |                             |            |               |
| PROPELLER |                             |            |               |

## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

| NAME OF PART                             | PART NUMBER        | SERIAL NUMBER | INSTALLATION DATE/HOURS | TIME ON PART AT INSTALL. | LIFE LIMIT OR T.B.O. | REMOVAL DATE/HOURS | AGENCY CERT. NO. |
|--|--------------------|---------------|-------------------------|--------------------------|----------------------|--------------------|------------------|
| <b>Life Limited Parts SR22</b>           |                    |               |                         |                          |                      |                    |                  |
| <b>PART NAME</b>                         | <b>PART NUMBER</b> |               |                         |                          | <b>EXPIRES</b>       |                    |                  |
| CAPS Rocket Motor                        | 12582-104          |               |                         | S/N 0354                 | 12-2011              |                    |                  |
| CAPS Parachute                           | 14242-101          |               |                         | S/N 0471                 | 12-2011              |                    |                  |
| CAPS Reefing Line Cutters                | 2212               |               |                         | Tag 2006                 | NA                   |                    |                  |
| ELT Batteries                            | MN1300             |               |                         | Date Installed           | 02-02                | 03-08              |                  |
| Turn Coordinator/Roll Computer Batteries | MN1604             |               |                         | Date Installed           | NA                   | NA                 |                  |

| <b>Life Limited Parts SR22</b> |             |  |                               |
|--------------------------------|-------------|--|-------------------------------|
| Part Name                      | Part Number |  | Expires                       |
| CAPS Rocket Motor              | 26601-001   | 0808   | 05/2022                       |
| CAPS Parachute                 | 15046-002   | SN 00596-R1                                      | 05/2022                       |
| CAPS Reefing Line Cutters      | 26707-001   | LOT RRL 1211<br>s/n 2413 & 2382<br>12238 * 12255 | <del>12/2017</del><br>12-2023 |











## ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

| DATE | MANUFACTURER | MODEL | SERIAL NO. | LOCATION | MAX. ALT. | RECHECK REQUIRED | APPROVED BY:<br>AGENCY CERT. NO. |
|------|--------------|-------|------------|----------|-----------|------------------|----------------------------------|
|------|--------------|-------|------------|----------|-----------|------------------|----------------------------------|

### FAR 91.411 TESTS AND INSPECTIONS

Lincoln Park Aviation, CRS# LKPR101K certifies that the Altimeter and Static tests required by FAR 91.411 were performed in accordance with and comply to Appendix E of Part 43. Aircraft N# A0492 altimeters are certified for a maximum altitude of 2000 feet. The aircraft is returned to service.

Altimeter #1 P/N 5934B-3 S/N 422780  
 Altimeter #2 P/N \_\_\_\_\_ S/N \_\_\_\_\_  
Scott L 3-9-04 A0492  
 Signature Date Work Order #

Lincoln Park Aviation CRS# LKPR101K  
LPA FORM 10

Date 3-9-04 Tested by Scott L  
 W O # A0492

| Standard Altitude | Altimeter Reading | Standard Altitude | Altimeter Reading |
|-------------------|-------------------|-------------------|-------------------|
| 1000              | -1015             | 10000             | 9975              |
| 0                 | -10               | 12000             | 11975             |
| 500               | 515               | 14000             | 13975             |
| 1000              | 990               | 16000             | 15970             |
| 1500              | 1480              | 18000             | 17960             |
| 2000              | 2000              | 20000             | 19950             |
| 3000              | 3000              | 22000             | _____             |
| 4000              | 3990              | 25000             | _____             |
| 6000              | 5980              | 30000             | _____             |
| 8000              | 7975              | 35000             | _____             |

Altimeter S/N 422780 Part Number: 5034D-3

### FAR 91.413 TESTS AND INSPECTIONS

Lincoln Park Aviation, CRS# LKPR101K certifies that the TRANSPONDER tests required by FAR 91.413 were performed in accordance with and comply to Appendix F of Part 43. The aircraft is returned to service.

Transponder #1 P/N 0110049000 S/N 83708746  
 Transponder #2 P/N \_\_\_\_\_ S/N \_\_\_\_\_  
Scott L 3-9-04 A0492  
 Signature Date Work Order



## MAINTENANCE RECORD F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE  |
|--------------------|--------------------------|---|--|
| 3-26-02            | Hobbs 12.4               | Removed and Replaced pitch servo with new S/N 10430, IAW Cirrus mm 22-10. Adjusted Altitude encoder IAW Cirrus mm 34-10. Touched-up paint on Avdyne screws, Reserued LH wing root fairing IAW standard maint practices. Touched-up paint on pilots step, resealed co-pilots window, resealed skywatch and com antenna IAW cirrus mm 51-30. Blended out nick in prop IAW cirrus mm 61-10 |  |
|                    |                          |   | Pertinent details are on file at this agency under<br>Work Order # <u>032502-06</u> Date <u>3-26-02</u><br>Signature <u>[Signature]</u><br>Cirrus Design Factory Service Center<br>Duluth, MN<br>Repair Station Cert. No. YD5R855Y |
| 3-27-02            | Hobbs 14.3               | Touched-up paint on both wing root cuffs IAW Cirrus mm 51-30  |  |
|                    |                          |   | Pertinent details are on file at this agency under<br>Work Order # <u>032702-02</u> Date <u>3-27-02</u><br>Signature <u>[Signature]</u><br>Cirrus Design Factory Service Center<br>Duluth, MN<br>Repair Station Cert. No. YD5R855Y |

**MAINTENANCE RECORD  
F.A.R. 43.9**

LONDON AIRCRAFT SERVICE CENTER, INC.  
150 Aviation Drive South  
Naples, Florida 34104  
TEL: (941) 643-4468

REG.N5854A TYPE Cirrus SR22 ACFT.TT 31.9 HOBBS 31.9 DATE 4/1/02

Replaced terminal end on starter cable at starter. Starter operation normal. This aircraft is released for return to service.

WORK ORDER# 7208

SIGNATURE Patrick C. Dean

CRS# L3HR317N

MAKE: Cirrus  
MODEL: SR22  
S/N: 0171  
REG NO: 5854A  
WORK ORDER: 3143



**Lincoln Park Aviation**  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Repair Station No. LKPR101K

DATE: 5/22/2002  
TTA: 45.8  
HOBBS: 45.8

**Airframe Entries**

Removed and replaced left main tire with new.... Adjusted prop governor stop 1 turn.... Complied with SB22-01-00 vibration reduction kit as per SB instructions....

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance 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 of the repair are on file at this repair station under work order listed above

DATE: 5/22/2002

SIGNED: Robert Betzler  
Robert Betzler, IA 141584903

WORK ORDER: 3143

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# MAINTENANCE RECORD

## F.A.R. 43.9

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|--------------------|--------------------------|---|---|
|                    |                          |   |   |

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 0171  
 REG. NO: 5854A  
 WORK ORDER: 3788



**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035  
 Repair Station No. LKPR101K

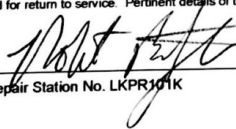
DATE: 5/14/2003  
 TTA: 114.2  
 HOBBS: 114.2

**Airframe Entries**

(1) AIRFRAME/ANNUAL- Jacked aircraft, removed wheels, greased bearings and gear. Checked brakes, checked retraction and emergency extension (if equipped). Checked electrical system and battery. Checked all controls and lubed as needed. Removed all inspection plates, checked structure and lubricated as required. Checked cockpit belts, lights and instrument operation. Inspect ELT in accordance with FAR 91.207 paragraphs (c) and (d). Aircraft checked for conformity to the appropriate TCD's. ... (3) Removed and replaced both left and right NAV lights with new.... (4) Removed and replaced CHT probe with new.... (5) Cleaned electrical connection on fuel flow transducer.... (6) Removed Autopilot's system 55X, serial no.4010, and replaced with serial no 5483.... (7) Complied with SB 2X-57-03 wing tip shear pin engagement as per SB instructions.... (8) Complied with SB 2X-71-05, induction duct assembly support bracket, as per SB instructions.... (9) Complied with SB 2X-32-06, installation of nose landing gear wheel pant countersunk washers as per SB instructions.... (10) Rebonded left and right gear strut fairing pads.... (11) Removed and replaced left main strut grommet with new.... (12) Rebonded Egress hammer strap.... (14) AD01-21-02 previously complied with, see log book entry dated 11/02 (SB22-27-03).... (15) AD02-24-08 previously complied with, see log book entry dated 11/02 (SB22-95-05).... (16) Complied with SB 2X-57-04 Outboard aileron hinge inspection, in accordance with SB instructions.... (17) Filed cowl outlet radius....

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance 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 of the repair are on file at this repair station under work order listed above.

DATE: 5/14/2003

SIGNED:   
 Certified Repair Station No. LKPR101K

**INSPECTOR #3** WORK ORDER: 3788  
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## F.A.R. 43.9

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|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 0171  
 REG. NO: 5854A  
 WORK ORDER: 4385



**Lincoln Park Aviation**  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035  
 Repair Station No. LKPR101K

DATE: 3/24/2004  
 TTA: 134.2  
 HOBBS: 134.2

**Airframe Entries** *Annual*

(3) Cleaned all connections to fuel flow gauge, could not duplicate flickering problem at this time.... (4) AD02-21-02 previously complied with, see log entry dated 11/02 (SB22-27-03).... (5) AD02-24-08 previously complied with, see log entry dated 11/02 (SB22-95-05).... (6) Complied with SB 2X-25-05 Seats Release of AM-Safe Mandatory Service Bulletins 504907-25-02 and 504491-25-01 as per SB instructions.... (7) Complied with SB 2X-95-06 CAPS Lanyard Rigging Inspection, as per SB instructions.... (8) Complied with SB 2X-95-07 CAPS Bulkhead 222 Placard Installation, as per SB instructions.... (9) Trimmed engine baffle as not to chafe on forward cowl hardware.... (11) Retorqued and safetied prop governor control rod end.... (12) Retorqued engine thru stud nuts, in accordance with TCM manual.... (13) Tightened alternator #1 field terminal.... (14) Installed new #2 aircraft battery, next due 03/2006.... (15) Replaced door pin bushings, lubricate and adjusted both cabin doors.... (16) Removed and replaced right rear passenger seat belt reel with new.... (17) Complied with SB 22-78-04 Replacement of #4 and #5 exhaust headers in accordance with SB instructions.... (18) Fabricated and installed new Alt. Air bracket.... (19) Removed and replaced right inboard flap hinge fairing with new.... (20) Removed and replaced left outboard flap hinge fairing with new.... (21) Fit and installed new right inboard wheel pant panel.... (22) Rebonded left wing root fairing.... (23) Removed and reinstalled new anti-chafe tape on flaps.... (24) Removed and replaced Davtron clock battery with new.... (25) Complied with SB 2X-27-08 Flight Controls trim cartridge lubrication/modification, as per SB instructions....

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance 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 of the repair are on file at this repair station under work order listed above.

DATE: 3/24/2004

SIGNED:

*Robert Betzler*

**INSPECTOR #3**

WORK ORDER: 4385

Robert Betzler  
 Certified Repair Station No. LKPR101K

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|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 0171  
 REG. NO: 5854A  
 WORK ORDER: 5247



### Lincoln Park Aviation

Repair Station No. LKPR101K  
 425 Beaverbrook Road  
 Lincoln Park, NJ 07035  
 Phone: 973-633-0450

DATE: 4/8/2005  
 A/C TSN: 165.6  
 HOBBS: 165.6

#### Airframe Entries

(1) AIRFRAME/ANNUAL - Jacked aircraft, removed wheels, greased bearings and gear. Checked brakes, checked retraction and emergency extension (if equipped). Checked electrical system and battery. Checked all controls and lubed as needed. Removed all inspection plates, checked structure and lubricated as required. Checked cockpit belts, lights and instrument operation. Inspect ELT in accordance with FAR 91.207 paragraphs (c) and (d). Aircraft checked for conformity to the appropriate TCDS's... (4) Tightened flap actuator connecting rod end lock nut and re-rigged flaps in accordance with Cirrus Design Maintenance Manual... (5) Replaced left main tire with new... (6) Installed and safetied new right inboard flap hinge fairing... (7) Complied with SB 2X-25-05 R1, Seats Release of AM-Safe Mandatory Service Bulletins 504907-25-02 and 504491-25-01 as per SB instructions... (8) Complied with SB 2X-25-06 Crew seat recline lock installation, as per SB instructions... (9) Complied with SB 2X-25-07 R1, DUAL INERTIA REEL ASSEMBLIES AND RELOCATION OF THE LAP BELT ATTACH CLIPS... (10) Complied with SB 2X-28-03 fuel selector valve extension shaft sleeve installation, as per SB instructions... (11) Complied with SB 2X-57-05 Aileron Hinge Bearing and Gap Inspections as per SB instructions... (13) Replaced OAT/Clock battery with new... (14) Installed new console lanyard.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Further details of the repair are on file at this repair station under work order listed below.

DATE: 4/8/2005

SIGNED:

Frank R Galella  
 Certified Repair Station No. LKPR101K

**Inspector 2**

Work Order: 5247

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# MAINTENANCE RECORD

## F.A.R. 43.9

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|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 SN:  
 REG. NO: N5854A  
 WORK ORDER:  
 1498-10-2005



**Lone Mountain Aviation, Inc.**  
 2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

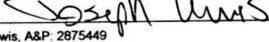
DATE: 10/3/2005  
 A/C TSN:  
 HOBBS: 210.4

**Airframe Entries**

Adjusted and tightened brackets inside seat to allow seat to be adjusted by lever on side of seat. Opts check good.

The aircraft, 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: 10/3/2005

SIGNED:   
 Joseph Lewis, A&P: 2875449

Work Order: 1498-10-2005  
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ENGINE MODEL: IO-550-N  
 ENGINE S/N:  
 REG NO: N5854A  
 WORK ORDER:  
 1785-03-2006



**Lone Mountain Aviation, Inc.**  
 2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

DATE: 3/9/2006  
 A/C TSN: 257.7  
 ENG TT: 257.7  
 HOBBS: 257.7

**Engine Entries**

Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 7 qts AS 15W50. Engine run and leak check good.... Oil sample taken

The aircraft, 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: 3/9/2006

SIGNED:   
 Jim Jakus, IA: 2096119

Work Order: 1785-03-2006  
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# MAINTENANCE RECORD

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|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 171  
 REG. NO. N5854A  
 WORK ORDER:  
 1746-02-2006



**Lone Mountain Aviation, Inc.**

2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

DATE: 2/16/2006  
 A/C TSN: 7.3  
 HOBBS: 217.7

**Airframe Entries**

Removed and replaced left and right inboard flap hinge fairings per SB 2X-57-06. Installed Kit PN 16738-101.

The aircraft, 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: 2/16/2006

SIGNED: *James J. Jakus*

Jim Jakus, Jr. 2096119

Work Order: 1746-02-2006

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I certify that the Altimeter, Automatic altitude reporting, Static systems and ATC Transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F. The altimeter(s) were tested to 20,000 feet.

Sunrise Mountain Avionics  
 Repair Station SMCR379X WO No. 401526

Inspector

*L. Brownberger*

Date

4-1-06

# MAINTENANCE RECORD

## F.A.R. 43.9

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|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 171  
 REG. NO: N5854A  
 WORK ORDER:  
 1880-05-2006



**Lone Mountain Aviation, Inc.**

2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

DATE: 5/5/2006  
 A/C TSN: 257.7  
 HOBBS: 257.7

**Airframe Entries**

I certify that this aircraft has been inspected with an annual inspection and was determined to be in airworthy condition.... AD and SB research completed.... C/W ELT inspection per FAR 91.207d. All checks within limits.... Complied with AD 2005-17-19. Complied with SB 2X-25-06 R4 by checking seat lock engagement. SB A2X-25-08 PCW with SB 2X-25-06 R1.... AD 2006-07-06 Fuel line chaffing CW by SB 2X-28-04 R1.... Complied with SB 2X-25-06 R4 by checking recline lock obstruction per paragraph N. No defects noted.... Complied with SB 2X-25-17 Crew seat break-over pin replacement. Installed Kit 70130-001.... Complied with SB 2X-28-04 R1 Fuel line chaffing. Installed Kit 70133-001.... Complied with SB 2X-32-14-R1 Main Landing Gear Fairing Modification for Inspection Hole using kit 70144-001.... Replaced left and right brake linings.... SB 2X-28-02 R2 PCW by inspection.

The aircraft, 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: 5/5/2006

SIGNED:

Jim Jakus, AIC 2096119

Work Order: 1880-05-2006

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MAKE: Cirrus  
 MODEL: SR22  
 S/N: 171  
 REG. NO: N5854A  
 WORK ORDER:  
 2704-05-2007



**Lone Mountain Aviation, Inc.**

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

DATE: 5/10/2007  
 A/C TSN: 301.9  
 HOBBS: 301.9

**Airframe Entries**

Complied with SBA 2X-95-10 R2 CAPS Pick-up Collar Support Replacement. Installed Kit 70181-002.... Complied with SB 2X-95-09 R1, Caps Strap Abrasion Inspection. Installed kit 70142-001

The aircraft, 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: 5/10/2007

SIGNED:

Phillip John Swibies  
 Certified Repair Station No. L9OR473Y

Work Order: 2704-05-2007

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# MAINTENANCE RECORD

## F.A.R. 43.9

DATE  
COMPLE

**CIRRUS SR22 N5854A S/N0171 HOBBS TIME: 343.0 JULY 1, 2008**

TE NO.  
ED TO SERVIC

**AIRFRAME ENTRY:**

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. AD research completed and a copy of AD's inserted in the back of the airframe log. Complied with an ELT inspection in accordance with FAR 91.207(d). Installed all new batteries in ELT. All checks within limits. ELT battery expiration date is March 2015. Installed new induction filter. Cleaned and gapped spark plugs. Took engine compression readings with the following results: #1—76/80, #2—74/80, #3—72/80, #4—74/80, #5—72/80, #6—76/80. Topped off battery with distilled water. Serviced brake master cylinder with 5606. Pressure tested engine exhaust system. Lubricated propeller with Aeroshell #6. Complied with AD 2008-03-16 by installing Cirrus kit #70197-001, rudder/aileron interconnect system normal operation. Torqued nose gear pivot pin and saftied with new cotter pin. Swapped tire on left main gear as required. Cleaned all wheel bearings. Reinstalled all wheel and tire assemblies, torqued and saftied. Inspected heat tattletales on brake assemblies and found to be within limits. This aircraft was inspected and repaired in accordance with the Cirrus Maintenance Manual and current Federal Aviation Administration Regulations and is approved for return to service.

*Larry E. Mason*  
LARRY E MASON A&P 18073051A

EX5000 MFD, P/N 700-00004-002, S/N 1091, intermittently map does not have heading up. Also in North Up Mode North is 13 degrees colckwise from up.

EX5000 MFD, P/N 700-00004-002, S/N 1091 removed and sent out for warranty exchange on R00937. Exchange unit P/N 700-00004-002 S/N 1475 received and installed in aircraft. System ground checks good.

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. W03062

|                   |         |  |
|-------------------|---------|--|
| Signature         | Date    | Sunrise Mountain Avionics<br>2830 N. Rancho Dr., Suite A<br>Las Vegas, Nv 89130<br>Repair Station SMCR379X |
| <i>L. Browder</i> | 12-5-08 |  |

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## F.A.R. 43.9

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|--------------------|--------------------------|---|---|
|--------------------|--------------------------|---|---|

MAKE: Cirrus  
 MODEL: SR22  
 S/N: 171  
 REG. NO: N5854A  
 WORK ORDER:  
 2214-10-2006




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

DATE: 10/12/2006  
 A/C TSN: 293 1  
 HOBBS: 293 1

**Airframe Entries**

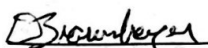
Removed and replaced #2 battery power relay. Ops check good. All work done IAW Cirrus SR22 MM Chapter 24.

The aircraft, 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: 10/12/2006      SIGNED:       Work Order: 2214-10-2006  
 Jim Jakus      Certified Repair Station No. L9OR473Y      Printed by EBis 3 (datcomedia.com)


EX5000 MFD, P/N 700-00004-002, S/N 1475, intermittently r own. Verified complaint. Avidyne Tech Support is sending a Flash Card P/N 053-00195-100 Rev. 02. Received the repla Card. Removed existing Flash Card and installed replaceme in accordance with Avidyne Service Bulletin 601-00004-087. checks good.

This aircraft has been repaired in accordance with current r Federal Aviation Regulations and is approved for return to se Pertinent details of the repair are on file at this repair station i Order No.     W03140    

Signature:       Date: 12-11-08      Sunrise Mountain  
 2830 N. Rancho C  
 Las Vegas, Nv. 89  
 Repair Station SM

EX5000 MFD, P/N 700-00004-002 S/N 1475 intermittently reboots, sometimes will not come up, buttons lite but screen is black EX5000 MFD, P/N 700-00004-002, S/N 1475 removed and sent out for warranty exchange on R01009. Exchange unit 700-00004-002, S/N 1091 received and installed in aircraft and programmed. System ground checks good.

This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No.     W03354    

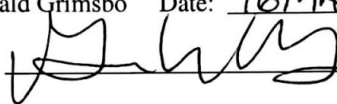
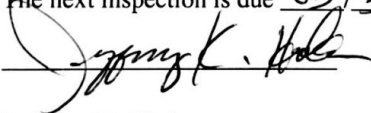
Signature:       Date: 5-15-07      Sunrise Mountain Avionics  
 2830 N. Rancho Dr., Suite A  
 Las Vegas, Nv. 89130  
 Repair Station SMCR379X

MAINTENANCE RECORD  
F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
| /                  |                          | NO ENTRY THIS PAGE                                  | /   |
| /                  |                          | SEE PAGE AFTER                                      | /   |
| /                  |                          | PRODUCTION FLIGHT TEST                              | /   |
| /                  |                          | /   | /   |
| /                  |                          | /   | /   |



**INSPECTION RECORD**  
**F.A.R. 43.11-91.409**

| DATE      | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE  |
|-----------|--------------------------|--|
| 16 MAR 02 | 10.0                     | <p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Gerald Grimsbo Date: <u>16 MAR 02</u></p> <p>Signature: </p> <p>Title: Production Flight Test Pilot</p>   |
| 3/16/02   | 10.0                     | <p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>3 / 16 / 02</u>.</p> <p>The next inspection is due <u>03 / 31 / 03</u>.</p> <p></p> <p>Jeffrey K. Holter<br/>DMIR410073CE</p> |

## INSPECTION RECORD


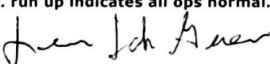
### F.A.R. 43.11-91.409

| DATE  | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|---|--------------------------|---|
| 30 SEPT 2009  | TACH 0357 TTAF 0357      |   |
| c/w ANNUAL INSP. IAW CIRROS SR-22MM AND CHECKLIST   |                          |   |
| OPENED AIRFRAME FOR INSP. LUBED ALL FLIGHT CONTROL HINGES, ROD ENDS AND BELLCRANKS. CHECKED ALL EXT./INT. LIGHTS, NO DEFECTS NOTED. c/w FAR 91, 209(d) ECT FUNCTION CHECK, C/Ps CHECKED NORMAL. ECT BATTERY DUE DATE MARCH 2015 AS INDICATED. ADVISED OWNER TO CHANGE BATTERY PRIOR TO THAT DATE. CHARGED MAIN AIRCRAFT BATTERY. BACK UP BATTERY CHECKED DUE REPLACEMENT SEPT 2010. REPAIRED LHH CABIN DOOR SEAL IAW STANDARD MAINT. PRACTICES. JACKED AIRCRAFT, REMOVED LANDING GEAR WHEELS. CLEANED AWW INSP. AND REPACKED WHEEL BEARINGS, INSP. BRAKE LININGS AND BRAKE HEAT SCREENS. NO DEFECTS NOTED. REINSTALLED WHEELS WITH NEW LOCKING HARDWARE. CHECKED TENSION ON NOSE GEAR PILOT, FOUND WITHIN LIMITS. INSP FLIGHT CONTROL TRIM CARTRIDGES AND SERVOS NO DEFECTS NOTED. INSP. MAIN GEAR STRUTS AND GEAR ATTACHMENTS WITH NO DEFECTS NOTED. SERVICED BRAKE RES. INSP. AND CHECKED |                          |   |



# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE  |
|------|--------------------------|--|
|      |                          | <p><b>EGA Aviation, Inc.</b><br/> <b>2634 Airport Dr.</b><br/> <b>N. Las Vegas, NV 89032</b><br/> <b>(702) 683-7507</b></p> <p><b>Airframe Log</b><br/>           N# NS854A Date 26 May 2010<br/>           Tach 476.4 TTSN: 476.4</p> <p>Removed R/H main changed tire with GOODYEAR FLT. CUSTOM II Removed cleaned, insp. and repacked wheel bearings. Reinstalled and service tire IAW POH and secured with new locking hardware. Installed new brake linings to both L/H and R/H brakes. Adjusted rudder alignment IAW Cirrus SR22 MM. Checked nose gear pull tension and found within limits IAW Cirrus MM. Installed new brake temp. sensors. Aircraft returned to service</p> <p style="text-align: right;">Lennie John Guerin 21483690 A/P IA</p> <div style="text-align: center;">  </div> |
|      |                          | <p>EGA Aviation, Inc.<br/>           2634 Airport Dr.<br/>           N. Las Vegas, NV 89032<br/>           (702) 683-7507</p> <p><b>N 5854A Airframe Logbook 4 JAN 2011</b><br/>           Tach: 596.0 TTAF: 596.0</p> <p>Installed new Gill G-243 S/N G02545579 after servicing and charge IAW Gill Installation manual. Post maint. run up indicates all ops normal.</p> <p>Aircraft returned to service.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Lennie John Guerin 21483690 A/P IA</p>   |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE                        | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE   |           |      |                           |                             |                |                             |  |  |                      |  |  |                         |
|-----------------------------|--------------------------|---|-----------|------|---------------------------|-----------------------------|----------------|-----------------------------|--|--|----------------------|--|--|-------------------------|
|                             |                          | <p>1. Sandel display out.</p> <p>2. GNS 430 # 1 does not power up.</p><br><p>1. Verified complaint. Removed Sandel SN3308 P/N SN3308-00-BL S/N 3952 and tried a new lamp, no help. Sent out for repair on Repair Order R01198. Repaired unit installed and reprogrammed. Ground test good.</p> <p>2. Verified Complaint. Found no power being provided to essential bus. Troubleshot to a bad Avionics Master switch. Swapped Avionics Master switch with the Pitot Heat switch. GNS 430 # 1 now operates normally. Labeled Pitot Heat "INOP".</p><br><p style="text-align: center;">This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. <u>W04226</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;">Signature</td> <td style="width: 33%; text-align: center;">Date</td> <td style="width: 33%;">Sunrise Mountain Avionics</td> </tr> <tr> <td style="text-align: center;"><u><i>D Braumberger</i></u></td> <td style="text-align: center;"><u>1-31-11</u></td> <td>2830 N. Rancho Dr., Suite A</td> </tr> <tr> <td></td> <td></td> <td>Las Vegas, Nv. 89130</td> </tr> <tr> <td></td> <td></td> <td>Repair Station SMCR379X</td> </tr> </table> | Signature | Date | Sunrise Mountain Avionics | <u><i>D Braumberger</i></u> | <u>1-31-11</u> | 2830 N. Rancho Dr., Suite A |  |  | Las Vegas, Nv. 89130 |  |  | Repair Station SMCR379X |
| Signature                   | Date                     | Sunrise Mountain Avionics   |           |      |                           |                             |                |                             |  |  |                      |  |  |                         |
| <u><i>D Braumberger</i></u> | <u>1-31-11</u>           | 2830 N. Rancho Dr., Suite A   |           |      |                           |                             |                |                             |  |  |                      |  |  |                         |
|                             |                          | Las Vegas, Nv. 89130  |           |      |                           |                             |                |                             |  |  |                      |  |  |                         |
|                             |                          | Repair Station SMCR379X   |           |      |                           |                             |                |                             |  |  |                      |  |  |                         |




## INSPECTION RECORD

### F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST   |
|------|--------------------------|--|
|      |                          | <p style="text-align: center;">SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE</p> <p>I certify that the Altimeter, Automatic altitude reporting, Static systems and ATC Transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.</p> <p>The altimeter(s) were tested to <u>30,000</u> feet.</p> <p>Sunrise Mountain Avionics<br/>           Repair Station SMCR379X WO No. <u>W04339</u><br/>           Inspector <u>E. Brumberger</u> Date <u>3-14-11</u></p>   |
|      |                          | <p style="text-align: center;"><sup>SR-22</sup><br/><b>SR-22</b></p> <p>Autopilot inop in all lateral modes.</p> <p>Verified complaint. Cleaned and resealed Roll Autopilot Relay connector P648. All lateral functions now operate normally.</p> <p>This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. <u>W04094</u></p> <p style="display: flex; justify-content: space-between;"> <span>Signature <u>E. Brumberger</u></span> <span>Date <u>10-16-10</u></span> <span>Sunrise Mountain Avionics<br/>2830 N. Rancho Dr., Suite A<br/>Las Vegas, Nv. 89130<br/>Repair Station SMCR379X</span> </p> |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE  |
|------|-----------------------------|--|
|      |                             | <p><b>EGA Aviation, Inc.</b><br/><b>2634 Airport Dr.</b><br/><b>N. Las Vegas, NV 89032 (702) 683-7507</b></p> <p>AIRFRAME LOGBOOK</p> <p>N5854A 28 June 2011. TACH 772.40 TIAF 772.0</p> <p>Installed new inbd. L/H and R/H wheel pant brackets.</p> <p>Installed new nose wheel pant and prior removed main gear pants.</p> <p>R/Red both L/H and R/H brake linings. Bleed R/H brake system</p> <p>Aircraft returned to service</p> <p>Lonnie John Guerin 21483690/AP IA</p>  |



# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK   | SERVICE |
|------|--------------------------|---|---------|
|      |                          | <p>EGA Aviation, Inc.<br/>           2634 Airport Dr.<br/>           N. Las Vegas, NV 89032<br/>           (702) 683-7507<br/> <b>N 5854A Airframe Logbook 7 Nov 2011</b><br/>           Tach: 962.5      TTAF: 962.5</p> <p>Repaired R/H cabin door latch IAW standard maint. practices. Installed new Brake linings to R/H caliper. Checked and serviced brake res. as needed. Checked And tightened PFD knob. Post maint ops checked withy no defects or leaks noted.</p> <p>Aircraft returned to service.</p> <p style="text-align: right;"><i>Lennie John Guerin</i><br/>           Lennie John Guerin 21483690 A/P IA</p>                             |         |
|      |                          | <p>EGA Aviation, Inc.<br/>           2634 Airport Dr.<br/>           N. Las Vegas, NV 89032<br/>           (702) 683-7507<br/> <b>N 5854A Airframe Logbook 6 Dec 2011</b><br/>           Tach: 981.3      TTAF: 981.3</p> <p>Removed nose landing gear wheel. Changed nose tire and tube. Serviced tire IAW POH and Cirrus SR 22 MM. Removed nose wheel bearings , cleaned and insp. with No defects noted. Repacked wheel bearings and installed. Reinstalled nose wheel With new locking hardware.</p> <p>Aircraft returned to service.</p> <p style="text-align: right;"><i>Lennie John Guerin</i><br/>           Lennie John Guerin 21483690 A/P IA</p> |         |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

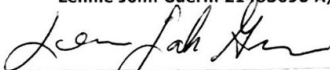
| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|--------------------------|---|
|      |                          |   |

EGA Aviation, Inc.  
2634 Airport Dr.  
N. Las Vegas, NV 89032  
(702) 683-7507  
N 5458A Airframe Logbook 21 Dec 2011  
Tach: 962.5 TTAF 962.5

Tightened loose PFD knob. Repaired broken hardware inside R/H door latch  
Changed R/H brake linings. Ops check good.

Aircraft returned to service.

Lennie John Guerin 21483690 A/PIA

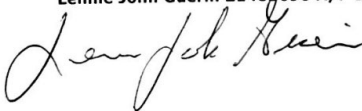


EGA Aviation, Inc.  
2634 Airport Dr.  
N. Las Vegas, NV 89032  
(702) 683-7507

N5854A 16 April 2012 Airframe Logbook Tach: 1086.5 TTSM: 1086.5

Removed elevator trim motor due to sheared drive shaft. Owner indicated he would provide repaired replacement motor for installation by maint. shop of his choose. All mounting hardware and motor frame placed in cabin.

Lennie John Guerin 21483690 A/P IA



# INSPECTION RECORD

## F.A.R. 43.11-91.409

|      |                             |   |
|------|-----------------------------|---|
| DATE | AIRCRAFT TIME<br>IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE |
|------|-----------------------------|---|

MAKE Cirrus  
 MODEL SR22  
 SN: 171  
 REG. NO: N5854A  
 WORK ORDER  
 6940-05-2012



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

DATE: 6/6/2012  
 A/C TSN: 1086.6  
 HOBBS: 1086.6

**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 search to Bi-Weekly 12-11.  
 C/W ELT inspection per FAR 91.207d. All checks within limits.  
 Complied with SB 2X-05-01 by replacing o-rings, and temp sensors per Cirrus MM 32-10.  
 Complied with MCU - Inspect, clean, corrosion proof and reseal IAW Cirrus AMM 24-30 pg.31  
 Installed patch on front right baffle by number 5 cylinder IAW AC 43.13 1-B  
 Replaced number 4 intake gasket IAW TCM Publication M-18 Permolid series engine maintenance and overhaul manual.  
 Removed number 3 cylinder and replaced with cylinder PN 655932 SN AC05BB912 overhauled by Nevada Aircraft Engine LLC 250 WO 1736. All work done IAW TCM Publication M-18 Permolid series engine maintenance and overhaul manual.  
 Replaced induction screen filter IAW Cirrus MM CH 71-60  
 Cleaned fuel injectors and reinstalled IAW TCM SID05-7.  
 Replaced NLG rebound bumper IAW Cirrus MM Chapter 32-20  
 Replaced broken baffle above governor IAW AC 43.13 1B  
 Tightened Right aileron actuating arm IAW Cirrus MM CH 57.  
 Reinstalled trim cartridge IAW Cirrus MM CH 27.  
 Replaced right brake linings IAW Cirrus MM Chapter 32-10.  
 Replaced NLG bearing and race IAW Cleveland Wheels and Brakes pg 5-47.

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: 6/6/2012

SIGNED:

James J. Jakus  
 Certified Repair Station No. L9OR473Y

Work Order: 6940-05-2012

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

MAKE: Cirrus  
MODEL: SR22  
S/N: 171  
REG. NO: N5854A  
WORK ORDER:  
6920-05-2012



### Lone Mountain Aviation, Inc.

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

DATE: 6/6/2012  
A/C TSN: 1086.6  
HOBBSS: 1086.6

#### Airframe Entries

Replaced parachute assembly p/n 14242-101 s/n 00471 with Rebuilt Parachute Assy p/n 15046-002 s/n 00596-R1, per 8130, by Cirrus Design under WO# CSO 633572 dated 5/21/2012 which was signed under Certificate # PC338CE. Replaced rocket motor assembly p/n 12582-104 s/n 00354 with new assembly p/n 26601-001 s/n 0808 per Cirrus CMM 95-01-01.  
Complied with SB 2X-95-13 CAPS Strap Inspection and Grommet Installation  
Replaced Reefing Line Cutters part # 26707-001, ser no. 2382 (Lot 1 RRL 1211) & 2413 (Lot 1 RRL 1211). Next replacement due 12/2017. All work performed IAW Cirrus Maintenance Manual, Chapter 95-01-01.

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: 6/6/2012

SIGNED: *Patrick Harrington*

Patrick Harrington  
Certified Repair Station No. L9OR473Y

Work Order: 6920-05-2012

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MAKE: Cirrus  
MODEL: SR22  
S/N: 171  
REG. NO: N5854A  
WORK ORDER:  
6989-06-2012



### Lone Mountain Aviation, Inc.

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

DATE: 6/8/2012  
A/C TSN: 1089.3  
HOBBSS: 1089.3

#### Airframe Entries

Replaced A/C knob control rod IAW Cirrus MM Ch 21.  
Replaced right main tire Serial #0076S00120 with new tire serial# 8186W00481 IAW Cirrus MM Chapter 32-41.

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: 6/8/2012

SIGNED: *Bill Dexheimer*

Bill Dexheimer  
Certified Repair Station No. L9OR473Y

Work Order: 6989-06-2012

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

MAKE: Cirrus  
MODEL: SR22  
S/N: 171  
REG. NO: N5854A  
WORK ORDER:  
6994-06-2012

### Lone Mountain Aviation, Inc.

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

DATE: 7/10/2012  
A/C TSN: 1107.4  
HOBS: 1107.4

### Airframe Entries

Replaced #2 alternator field control unit IAW Cirrus MM Chapter 24-30. System operationally checked satisfactory.

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: 7/10/2012

SIGNED:

Bill Dexheimer  
Certified Repair Station No. L9OR473Y

Work Order: 6994-06-2012

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 171  
REG. NO: N5854A  
WORK ORDER:  
7236-10-2012



### Lone Mountain Aviation, Inc.

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

DATE: 11/1/2012  
A/C TSN: 1202  
HOBS: 1202

### Airframe Entries

Resealed left and right brake calipers. Replaced brake temp stickers on both main brake calipers. All work done IAW Cirrus SR22 MM Chapter 32.  
Replaced left side aileron gap seal per Cirrus MM Chapter 57-50.  
Replaced brake pads on left and right main brake assy per Cirrus MM Chapter 32-42 pg9.

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: 11/1/2012

SIGNED:

James J. Jakus  
Certified Repair Station No. L9OR473Y

Work Order: 7236-10-2012

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

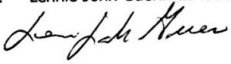
| DATE         | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE  |
|--------------|--------------------------|--|
| <del> </del> | <del> </del>             | <p>EGA Aviation Inc.<br/>2634 Airport Drive<br/>N. Las Vegas, NV. 89032<br/>(702) 683-7507<br/>Airframe logbook<br/>WO# 1330</p> <p style="text-align: right;">4 Aug 2014<br/>TTAF:1369.7</p> <p style="text-align: right;">COST</p> <p>→</p> <p>→</p> <p>→</p>  |
| <del> </del> | <del> </del>             |  |
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|              |                          | <p>N5854A<br/>Tach 1369.7<br/>C/Wed ANNUAL insp. IAW Cirrus SR 22 MM and checklist . Opened airframe for insp.<br/>C/Wed FAR 91.207 (d) ELT function with no defects noted. ELT battery due date Dec.2023<br/>Lubed all flight control hinges, rodends, bellcranks, and pully.s. Installed after servicing and<br/>charge new GILL G-243 main battery S/N G02832917. Installed (2) new back up batteries.<br/>Checked all int./ ext. lights. Replaced L/H wing nav. light. Op,s checked good. All other lights<br/>checked good. Repaired loose elevator trim motor with correct hardware and secured. Op,s<br/>checked good. Installed new fuel cap seal kit from Cirrus to both L/H and R/H sides. Installed<br/>new fuel drain to L/H wing. Reinstalled L/H main gear strut fairing attachment bolt, bonded<br/>IAW Cirrus MM. Removed twist from pilots shoulder harness. Installed missing set screw to<br/>cabin heat control knob and lubed cable , op,s check good. Co-pilot sun visor attachment<br/>broken, no action by owner. Reattached hose to cooling vent pilot side. Reattached R/H air<br/>vent hose. Repaired and replaced missing hardware to center console panel. Reglued R/H<br/>door panel trim. Repaired instrument panel glare shield and attached with new hardware.<br/>Installed new center overhead trim panel and chute handle cover. Installed new aileron/<br/>rudder interconnect bungee cord IAW MM, op,s checked good. Installed new bushing to<br/>throttle/prop cam control. Installed new aileron gap seals to both L/H and R/H ailerons.<br/>Installed new wet compass seal kit. Serviced compass and swung using master compass.<br/>Repaired R/H door latching system, op,s checked good. Repaired landing light mount IAW</p> |





## INSPECTION RECORD

### F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE   |
|------|--------------------------|---|
|      |                          | EGA Aviation Inc.<br>2642 Airport Drive<br>N. Las Vegas, NV. 89032<br>(702) 683-7507<br>Airframe logbook<br>WO#1554   |
|      |                          | N5854A<br>Tach: 1426.2<br>Removed , serviced, and charged main battery and reinstalled. Installed overhaul Alternator P/N 646843 S/N 001EA022. Installed with new gasket and locking hard ware. Installed prior removed fuel pump P/N 649364-4A7 S/N B02BA045 repaired by WESTERN SKYWAYS, Inc. under WO# W051410. Preformed leak check with no leaks noted. Removed MCU Model100 and installed new model MCU120 IAW Cirrus MM. Post maint. run up indicates all op,s normal and no leaks noted at this time. |
|      |                          | 5 Dec. 2014<br>TTAF:1426.2  |
|      |                          | Aircraft returned to service. Lennie John Guerin 21483690 A/P IA<br><div style="text-align: center; margin-top: 10px;">  </div>  |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE   |
|------|--------------------------|---|
|      |                          | <p>EGA Aviation Inc.<br/>2642 Airport Drive<br/>N. Las Vegas, NV. 89032<br/>(702) 683-7507<br/>Airframe logbook<br/>WO#1771</p>   |
|      |                          | <p>N5854A<br/>Tach: 1482.3</p> <p style="text-align: right;">29 Oct. 2015<br/>TTAF:1482.3</p> <p>C/W AUNNUAL insp. IAW Cirrus SR-22 mm and checklist. Opened airframe for insp. C/W FAR 91.207 (d) ELT function check with no defects noted. ELT battery due date Dec.2023. lubed all flight control hinges , pully,s, and rod ends. Serviced, charged and reinstalled main battery. Back up batteries installed Aug. 2014. Installed new throttle lever, bushing, and bolt and lubed IAW Cirrus MM. OP,s checked good. Installed new mounting clamp to fuel pump. Tightened loose trim motor mount screws. Installed new lockwire to R/H inbd. aileron hinge. Jacked airframe. Removed landing gear wheels Cleaned, insp. and repacked wheel bearings. Installed wheels with new locking hardware. Checked and serviced tires IAW MM and POH. Insp. brake system with no defects noted. Serviced brake res. as needed. Installed new heat sensors to both L/H and R/H brake calipers. Repaired small crack in nose wheel pant. Replaced nose strut mount bushings and torqued nose gear strut to firewall. Installed wheel pants and secured. All AD,s checked and C/Wed to date thru Oct. 2015. Airframe detailed inside and outside. Post maint. run up indicates all op,s normal and no leaks noted at this time.</p> <p>I certify this airframe has been insp. IAW a ANNUAL insp. and has been determined to be in an airworthy condition. Lennie John Guerin 21483690 A/P IA</p> <p style="text-align: center;"><i>Lennie John Guerin</i></p> |





# INSPECTION RECORD

## F.A.R. 43.11-91.409

| DATE | AIRCRAFT TIME IN SERVICE | KIND OF INSPECTION - STATUS & DISCREPANCY LIST<br>SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE   |
|------|--------------------------|---|
|      |                          | <p>EGA Aviation, Inc.<br/>2642 Airport Drive.<br/>N. Las Vegas, NV 89032<br/>(702) 683-7507</p> <p>Airframe Logbook<br/>WO#3016</p> <p style="text-align: right;">4 Jan. 2018<br/>TTAF:1655.0</p> <p><b>N5854A</b><br/>Tach:1655.0</p> <p>C/Wed ANNUAL insp. IAW Cirrus SR 22 checklist and MM. Opened airframe for insp. Installed new ELT battery C/Wed FAR 91.207 (d) ELT function check with no defects noted at this time. ELT battery due Jan. 2020. FAR 91.411 and 91.413 cert due Dec. 2018. Serviced and charged new GILL G-243 main battery. S/N G0297899. Installed and secured battery. Checked all int./ext. lights with no defects noted. Installed (2) new back up batteries P/N 50979-001. Op,s checked good. Secured loose instrument light rheostat knob. Removed compass and installed new "O" rings and gaskets as needed. Serviced compass and swung compass using master compass. Re-attached current compass card. Installed line cutters P/N 25347-002 S/N ,s 12239 and 12255 by Lone Mountain Aviation, Inc. under WO# 10071-12-2017. Replaced battery relay to number 2 battery with new P/N 50288-001, op,s checked good. Removed and inspected main fuel filter with no defects noted. Reinstalled and secured for leak check with no leaks noted. Lubed flight controls IAW MM. Jacked airframe and removed landing gear wheels. Cleaned, inspected and repacked wheel bearings. Changed L/H main tire with new MICHELIN P/N 072-449-0 S/N 7033S00122. Reinstalled wheels with new locking hardware. Checked and serviced tires IAW MM. Removed and repaired small crack to nose wheel pant mounting bracket. Checked nose gear pivot tension and found within limits IAW MM. Inspected brake linings and brake rotors with no defects or leaks noted. Installed new TELI-TEMP stickers. Checked and serviced brake res. as needed. Reinstalled and secured wheel pants. Inspected flight control trim cartridges and servo,s with no defects noted. Inspected MCU seal with no defects noted. All AD,s checked and C/Wed to date. Airframe and engine</p> |
|      |                          | <p>JAN.</p> <p>2018</p> <p>ANNUAL</p> <p>NEXT</p> <p>PAGE</p>   |

# INSPECTION RECORD

## F.A.R. 43.11-91.409

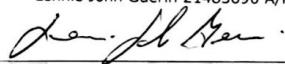
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EGA Aviation, Inc. Page #2 AIRFRAME LOGBOOK  
detailed. Post maint. run up indicates all op,s normal and no leaks noted at this time.

I certify this AIRFRAME has been insp. IAW a ANNUAL insp .and has been determined to be in an airworthy condition.

Lennie John Guerin 21483690 A/P IA



MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0171  
REG. NO. N5854A  
WORK ORDER:  
10071-12-2017



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

DATE: 12/8/2017  
A/C TSN: 1655  
HOBBS: 1655

**Airframe Entries**

Removed CAPS reefing line cutters P/N: 25347-002, S/N: 2413 & 2383 and installed new line cutters P/N: 25347-002, S/N: 12239 & 12255. Next replacement due OCT/2023

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: 12/8/2017

SIGNED: 

Work Order: 10071-12-2017

Travis L Anderson  
Certified Repair Station No. L9OR473Y

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

MAKE: Cirrus Design Corp  
 MODEL: SR22  
 S/N: 0171  
 REG NO: N5854A  
 WORK ORDER:  
 10685-10-2018



**Lone Mountain Aviation, Inc.**

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

DATE: 11/4/2019  
 A/C TSN: 1684.6  
 HOBBS: 1684.6

**Airframe Entries**

- Removed Continental IO-550-N engine S/N: 686184 and sent to Nevada Aircraft Engine LLC, CRS N5ER485X for Overhaul, (See WO 2197). Reinstalled engine with all associated lines, wiring, baffles ducts etc. IAW Continental IO 550 M16, Cirrus SR22 AMM 61-10/71-00/74-20, and AC43.13-1B. Leak and operational check good.
- Removed belly heat shield and installed new heat shield, IAW Cirrus SR22 MM 53-30.
- Removed transponder antenna and installed new antenna, IAW Cirrus SR22 MM 34-50. Ops check good.
- Removed left wing flap fairings and installed new fairings, IAW Cirrus SR-22 MM section 27-50.
- Removed and replaced left flap assembly, IAW Cirrus SR-22 MM section 27-50, installed new cotter keys and ops checked flap system.
- Removed pitot tube assembly and installed new pitot tube assembly, IAW Cirrus SR22 MM 34-10. Ops check good.
- Removed nose gear strut assembly and installed new assembly, IAW Cirrus SR22 MM 32-20.
- Removed left brake assembly and installed new brake assembly, IAW Cirrus SR22 MM 32-42. Ops check good.
- Removed right brake bleeder screw and installed new bleeder screw, IAW Cirrus SR22 MM 32-42.
- Removed left main gear assembly and installed new gear assembly, IAW Cirrus SR22 MM 32-10.
- Removed left main gear strut fairing and installed new fairing, IAW Cirrus SR22 MM 32-10.
- Removed left main wheel fairing assembly and installed new fairing assembly, IAW Cirrus SR22 MM 32-10.
- Removed right main gear fairing inboard access panel and upper wing panel and installed new panels, IAW Cirrus SR22 MM 32-10.
- Removed propeller M/N: PHC-J3YF-1RF, S/N: FP1627B (total time 1684.6) and installed overhauled propeller M/N: PHC-J3YF-1RF, S/N: FP2392B (total time 998.7, TSMOH 0.0) and torqued to specs IAW Cirrus SR22 MM 61-10.
- Performed fiberglass repairs to left wingtip, IAW Cirrus SR22 MM 51-20.
- Performed fiberglass repairs to right wingtip, IAW Cirrus SR22 MM 51-20.
- Repaired damage to fiberglass on lower rudder tip IAW Cirrus MM, Chapter 51.
- Repaired damage to lower engine cowling IAW Cirrus MM, Chapter 51.
- Repaired forward right belly damage IAW Cirrus Aircraft Field Repair/Alteration FRA00012628B. See 337 dated 10/28/2019.
- Complied with Cirrus Aircraft Repair#FRA00012628B to lower left wing skin in landing gear opening. See 337 dated 10/28/2019.
- Performed bodywork and paint in several areas around aircraft IAW Cirrus SR22 MM 51-20.
- Performed fiberglass repair to left outboard wing rib 197.5 IAW Cirrus SR22 Field Repair/Alteration FRA00012628B. See 337 dated 10/28/2019.
- Evaluated instrument panel mounting brackets, installation hardware, and instruments for defects IAW Cirrus SR22 MM 31-10. No defects noted.
- Inspected radio rack mounting brackets, installation hardware, and radios for defects IAW Cirrus SR22 MM 34-50. No defects noted. Operational and functional check good.
- Removed engine exhaust assembly and installed repaired exhaust, IAW Cirrus SR22 MM 78-10.
- Removed right inboard main wheel fairing bracket and installed new bracket, IAW Cirrus SR22 MM 32-10.



# INSPECTION RECORD

E A P 12 11 01 100

DATE

Fabricated and installed new brake line at right brake caliper, IAW AC43 13-1(b) chapter 9 section 2.  
Removed right main gear outboard fairing bracket and installed new bracket, IAW Cirrus SR22 MM 32-10.  
Replaced right brake caliper o-rings and temp sensors, IAW Cirrus AMM 32-42.  
Replaced tail pipe support assembly and installed new assembly, IAW Cirrus SR22 MM 78-20.  
Installed LH MLG strut assembly 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: 11/4/2019

SIGNED:



Work Order: 10685-10-2018

Travis L Anderson  
Certified Repair Station No. L9OR473Y

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MAKE: Cirrus Design Corp  
MODEL: Sr22  
S/N: 0171  
REG. NO: N5854A  
WORK ORDER:  
10863-01-2019



**Lone Mountain Aviation, Inc.**

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

DATE: 11/4/2019  
A/C TSN: 1684 6  
HOBBS: 1684 6

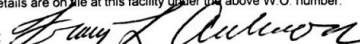
## Airframe Entries

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 2019-22. Complied with ELT inspection per 91.207 (d). Operational check was good with no defects noted. Battery Due: Jan 2020.  
Replaced pilots door gas strut, IAW Cirrus SR22 AMM 52-10.  
Removed and replaced right brake linings, IAW Cirrus SR22 AMM 32-42.  
Complied with NOTC8337 aileron control arm attach bolt for safety wire. Safety wire is installed.  
Removed aft baffle support bracket at backbone, fabricated and installed new bracket IAW AC43 13-1B.  
Removed rudder/aileron interconnect bungee and installed new bungee and rigged, IAW Cirrus SR22 MM 27-20. Ops check good.  
Complied with SB2X-05-01 checked condition of temp stickers. Installed new stickers.  
SB2X-32-19R3 complied with by installation of new nose gear assembly installed during repair of aircraft. See WO 10685-10-2018.  
SB2X-55-10 Horizontal stabilizer inspection hole closeout has been previously complied with.  
Removed and replaced ACK E-01 ELT panel switch battery, IAW Cirrus SR22 AMM 25-60.

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: 11/4/2019

SIGNED:



Work Order: 10863-01-2019

Travis L Anderson  
Certified Repair Station No. L9OR473Y

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