

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR 22 DATE OF MFG. 12, 2001  
SERIAL NUMBER 0124 REGISTRATION NUMBER N812CD

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	IO550N7B	R 685867
ENGINE			L
PROPELLER	Hartzell	PHC-53YF-1RF	R
PROPELLER			L FP1521B
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			



I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been preformed and found within the limits of FAR 43 appendices E & F and AC 43-6A.

**TESTED TO** 17,500 **FEET ON** 12-03-01.

**Transponder:** Mfg Garmin P/N 13587-050

Model: GTX-327 S/N 83706723.

**Encoder:** Model ACK P/N A-30 S/N 75294.

**Altimeter:** Mfg United P/N 12731-001

S/N 422368

CDC Quality Assurance  on 12/03/01.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

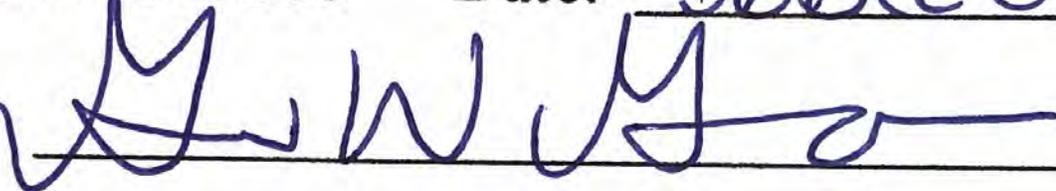
# INSPECTION RECORD

## F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT

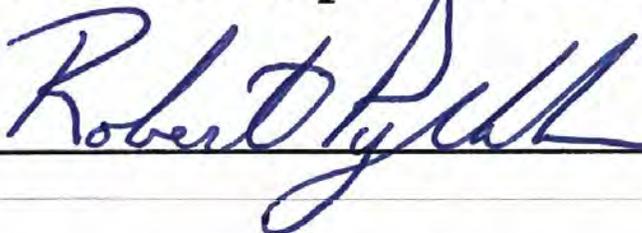
Production Flight Test accomplished in accordance with  
Cirrus Procedure #90502.

Name: Gerald Grimsbo Date: 06 Dec 01

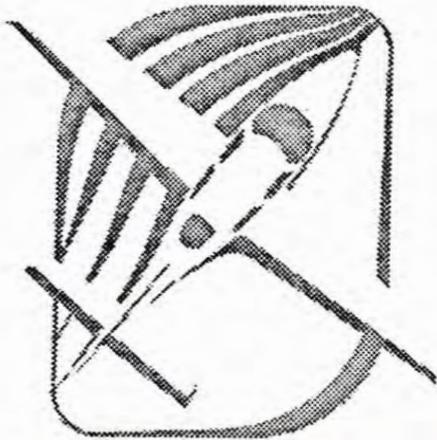
Signature: 

Title: Production Flight Test Pilot

I find that the aircraft meets the requirements for the  
certification requested and have issued a Standard  
Airworthiness Certificate dated 12 / 07 / 01.  
The next inspection is due 12 / 31 / 02.



Robert W. Pylkka  
DMIR410075CE



**Cirrus Design**  
**Factory Service Center**  
**FAA Approved Repair Station**  
**No. YD5R855Y**

Date: 12/07/01  
TT: 8.9 hrs.

Removed and replaced turn  
coordinator, PIN: 24691-001  
S/N: 2688D installed. IAW  
Cirrus AMM 34-20

Pertinent details are on file at this agency under

Work Order # 120701-07 Date 12/07/01

Signature *[Handwritten Signature]* A. Ghouse

Cirrus Design Factory Service Center  
Duluth, MN  
Repair Station Cert. No. YD5R855Y




## 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
3-6-2002	63.2	Completed w/ SB A22-95-01 AND BRS SB 95-01 BY INSTALLATION of CABLE clamp. -END	Jem J Torres AIP52747208 FOR BOE AVIATION - AEG.

### ARAPAHOE AERO

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

**N812CD**

**Cirrus**

**SR22**

**S/N: 0124**

**10 July 2002**

**Hobbs: 0108.4**

**Aircraft Total Time: 0108.4**

Removed cowling. Installed factory new landing light harness from power supply to lamp assembly. Installed firesleeve at lamp to prevent wire heat damage. Reassembled as needed. Installed new master switch and navigation light switch. Installed new BAT1 / ALT1 relay. Serviced tires as needed. Ground operational check of repaired systems satisfactory. END.

*L. John Wells*

**L. John Wells A&P523116767**

w/o 18627

7/10/2002

N812CD



Airframe Log

## JET CENTER

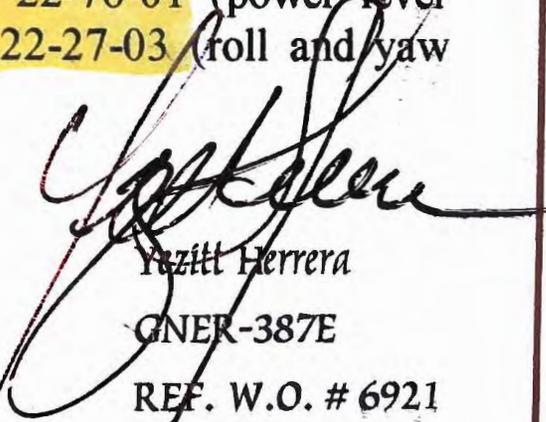
445 Airport Road • Santa Fe, NM 87501

Date:17 Oct 2002	Make: Cirrus	Model: SR-22	S/N: 0124
Tach:	Hobbs:156.3	TT AF:	Cycles:

Complied with service bulletin's 22-28-01 (Improved fuel drain mount), 22-95-01 (Mod of CAPS activation cable assy), 22-95-02 R2 (Mod and reroute of cable assy), 22-32-03 (spindle cup insp), 22-95-03 (replacement of handle access cover), 22-27-01 (Rudder and yaw system, rudder pedal tube), 22-27-02 (fix for horn suppression harness), 22-76-01 (power lever bearing replacement), 22-95-04 (caps handle bracket replacement), 22-27-03 (roll and yaw trim cartridges). Operational check satisfactory.

Service advisory 02-16 (exhaust system failure) also complied with.

Operational check satisfactory.

  
Yazitt Herrera  
CNER-387E  
REF. W.O. # 6921

-----Maintenance Release-----

I certify that this aircraft and/or component has been inspected and/or repaired in accordance with current Federal Regulations and was determined to be in an airworthy condition with respect to the work performed and approved for return to service. Pertinent details of the repair are on file at this agency under work order # 6921

11/13/2002  
N812CD



Airframe Log

## JET CENTER

445 Airport Road • Santa Fe, NM 87501

Date:11/13/02	Make :Cirrus	Model:SR22	S/N: 0194
Tach:178.0	Hobbs:	TT AF:	Cycles:

Installed replacement magneto switch A-510-2, and all door locks supplied as a kit. Ground run and operational check Satisfactory.

Chris D. Rea

GNER-387E

REF. W.O. #7045

-----Maintenance Release-----

I certify that this aircraft and/or component has been inspected and/or repaired in accordance with current Federal Regulation and was determined to be in an airworthy condition with respect to the work performed and approved for return to service. Pertinent details of the repair are on file at this agency under work order #7045.

**N812CD**



**Airframe Log**

**JET CENTER**

445 Airport Road • Santa Fe, NM 87501

Date: 12/21/2002	Make: Cirrus	Model: SR22	S/N: 0124
Tach:	Hobbs: 193.2	TT AF: 193.2	Cycles:

Completed annual inspection this date at Santa Fe Jet Center, Inc. For complete details see WO 7113.

Work Accomplished at Santa Fe Jet Center, Inc. Reference work order # 7113



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: 3/28/2003**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT 250.7**

## **AIRFRAME LOG ENTRY**

Removed L/H I/B wing fuel probe & installed New probe P/N 13467-003 S/N 1067. Leak Check & Ops. Check OK.

Removed R/H magneto & Tach Sensor & installed New Tach sensor P/N 655862. Replaced R/H magneto capacitor with New P/N 10-400615. Timed magneto & ground ran & Ops. Check OK.

Replaced the following Door Key Lock Assemblies with New.

L/H Door 50487-002

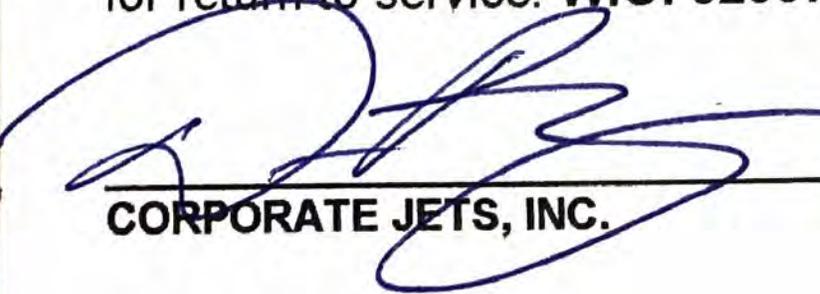
R/H Door 50487-002

Baggage Door P/N 50487-002

Starter Switch P/N 50314-001

Replaced Copilots Mic Jack with New P/N JJ033

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 020077 & 913274

  
CORPORATE JETS, INC.

2740517KEP



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: 7/3/2003**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT 295.0**  
**HOBBS 295.0**

## AIRFRAME LOG ENTRY

Complied with the following Cirrus Service Bulletins

C/W **SB 22-55-05** dated 12/2/2002, enlargement of the drain holes in the bottom of the elevator and rudder drain holes.

C/W **SB 2X-57-03R1** dated 4/25/2003, Wing tip shear pin engagement was inspected and found to be within limits per Cirrus. No further action required.

C/W **SB 22-51-01R2** dated 2/19/2003, installment of ground straps on the LH & RH main landing gear.

C/W **SB 2X-57-04** dated 4/3/2003, outboard aileron hinge inspection, LH & R/H hinges no problems noted.

C/W **SB 22-71-02** dated 12/17/2002, induction air filter mount by installing support between filter and baffles.

C/W **SB 2X-71-05R1** dated 2/21/2003, Induction duct assembly.

C/W **SB 22-52-01** dated 1/9/2003, installment of drain holes in bottom of both cabin doors and baggage door.

C/W **SB 22-71-03** dated 12/10/2002, Baffle modification was performed.

Removed & replaced Turn Coordinator Roll Computer with repaired unit P/N 01260-4-8-28 S/N 2688D  
Removed & S/N Installed 1695C. See S-Tec Yellow Tag dated 7/10/02 Wo # 27391.

Removed & replaced Horizon Attitude Indicator with repaired unit P/N 5040111937 S/N 504011193725132  
Removed & S/N Installed 504011193725094. See Goodrich Avionics System 8130-3 Dated 5/28/03 W0# 164553.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 020566 & 913349**

### Engine Log

Angel Air Flight Training Center  
Tach- N/A                      Hobbs-334.7  
Date-07/23/03

N812CD  
S/N-0124

- Drained oil and took sample. Removed pressure filter P/N CH48109. Installed new filter P/NCH48109. Added 7qts of Aeroshell 15W-50. Performed leak check no discrepancies noted.

Signature David L. Onepure

Certificate # 2149441

### Aircraft Log

Angel Air Flight Training Center  
Tach-  
Hobbs- 407.8  
Date-1 2/03/03

N812CD  
S/N- 124

- Installed new tire 6.00x6 6ply Flight Custom III, on L/H main.
- Replaced both L/H and R/H brake pads P/N: 066-0500.

Signature [Signature]

Certificate # 2760759

# 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
12-09-2003	0413.3 TACH	INSTALLED NEW O-RINGS P/N M528775-222 IN LEFT & RIGHT BRAKE CALIPERS. BLED SYSTEM & SERVICED RESERVOIR PER CIRRUS DESIGN MAINT. MANUAL CHAPTER 32-42. OPS CHECK GOOD & LEAK CHECKED. OKAY. WHEEL PANTS WERE NOT INSTALLED - NONE ON ARRIVAL.	
		over J. [Signature] P/N 52153895 - END -	



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: July 9, 2003**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT 297.9**

### AIRFRAME LOG ENTRY

Removed LH strobe power supply p/n 01-0770062-05 s/n 00677.

Installed new unit p/n same s/n 02556. Operational check was good.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 020591**

CORPORATE JETS, INC.

CRS LN3R663L

out of sequence

7/9/2003

12/16/02

OUT OF SEQUENCE

# JetCenter Santa Fe

121 Aviation Dr. • Bldg. 3005 • Santa Fe, NM 87507

**N812CD**

**Airframe Log**

Date: 12-16-02	Make: Cirrus	Model: SR-22	S/N: 0124
Tach:	Hobbs: 193.2	TT ENG:	Cycles:

Complied with AD#200-24-08 by installing new CAPS system using procedures specified in Cirrus Service Bulletin #22-95-05 R1. Tension pull test satisfactory.

*[Signature]*  
ENER-387E

Work Accomplished at Santa Fe Jet Center, Inc. Reference work order # 7113



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: December 18, 2003**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT 425.9**

## **AIRFRAME LOG ENTRY**

Repaired the rudder trim assembly wiring, ops check good.

C/W **SB 2X-78-04** dated 3/7/2003, Replacement of the #4 & #5 header pipe with a repaired unit p/n 70048-1015 & 70048-1025. See 8130-3 dated 11/13/2003, WO# 3809 by General Air Incorporated.

Conrex, Inc dba Burn-A-Rod welding filled in extra EGT probe hole. See maintenance release dated 12/17/2003, WO# 2939.

Lubed both cabin door latches.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 02130**

**CORPORATE JETS, INC.**

**CRS LN3R663L**



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

## **AIRFRAME LOG ENTRY**

**N812CD Date: 1/20/2004**

**Model #: Cirrus SR22 S/N: 124**

**Hobbs: 428.6**

I certify that the altimeter and altitude reporting equipment have been tested as required by FAR 91.411, and were found to comply with FAR 43, Appendix E.

Pilot's Alt. to: 20,000 ft. Copilot's Alt. to: N/A

#1 Encoder to: 20,000 ft. #2 Encoder to: N/A

Date: 1/20/2004 Work Order #: 913452

Signed: \_\_\_\_\_

For Corporate Jets, Inc.

FAA CRS # LN3R663L

14600 N. Airport Drive, Scottsdale, Arizona 85260



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

## **AIRFRAME LOG ENTRY**

**N812CD Date: 1/16/2004**

**Model #: Cirrus SR22 S/N: 124**

**Hobbs: 428.6**

I certify that the ATC Transponder has been tested as required by FAR 91.413 and was found to comply with FAR 43, Appendix F.

#1 Transponder GTX327 #2 Transponder N/A

Date: 1/6/2004 Work Order #: 913452

Signed: \_\_\_\_\_

For Corporate Jets, Inc.

FAA CRS # LN3R663L

14600 N. Airport Drive, Scottsdale, Arizona 85260





# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

1/20/2004

**N 812CD Date: January 20, 2004**

**1 of 2**

**Model # Cirrus SR 22 S/N 0124**

**ACTT 428.6**

**TCM IO55N7 s/n 685867 ETT 428.6**

**PHC-J3YF-1RF s/n FP1521B PTT 428.6**

## AIRFRAME LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the manufacturers service manuals.

24 month FAR 91.411 altimeter Certification, for details see log entry dated 1/16/2004.

Removed altimeter p/n 5934D-3 s/n 422368.

Installed new altimeter p/n same s/n 435846.

Adjusted encoder to specs.

24 month FAR 91.413 Transponder Certification, for details see log entry dated 1/16/2004.

24 month outside airtemp/clock battery due replacement . **Next due 1/31/2006.**

C/W FAR 91.207(d) ELT system inspection, no defects noted. **ELT battery next due replacement 3/31/2008.**

**AD 2002-21-02** dated 11/8/2002, trim cartridge nut replacement, was PCW 10/17/2002, @ 156.3 hours. No further action required.

**AD 2001-23-17** dated 12/28/2001, Garmin GNS 430, AD is not applicable by s/n.

C/W Cirrus, **SB 2X-25-05** dated 8/14/2003, referencing AM-Safe mandatory service bulletin **504907-25-02**. Installed kit p/n 70064-001.

Installed new parts:

- LH/RH aileron gap seals p/n 1439-001
- 2 ea nose wheel races p/n 08231
- 2 ea nose wheel bearings p/n 08125
- 1 ea LH/RH rudder pedal torque tube mount bolt p/n AN4-12A
- LH wheel pant bracket p/n 13524-001
- Prop control cable p/n 14064-101
- LH brake hose p/n 50555-072 (Aeroquip # 350-4-0072)

Removed & reinstalled brake calipers after inspecting fittings, no problems noted. Bled brake system. Tightened the LH & RH fuel sending unit center studs. Adjusted the rudder pedal proper gap tolerance. Rigged the flaps per MM. Rigged the prop control cable per the MM. Adjusted throttle cable rod end for proper travel. Repaired a small hole in the bottom of fuselage just aft of engine cowl with Evercoat glaze coat. Serviced battery and charged. Adjusted the elevator cable tension.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was found to be in an Airworthy Condition. **W.O. 020575**



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

9/7/2004

**N 812CD Date: September 7, 2004**

**Model # Cirrus SR22 S/N 0124**

**ACTT 518.0**

## **AIRFRAME LOG ENTRY**

Installed new RH landing gear strut grommet p/n 10209-001.  
Installed new flap switch p/n 50336-001, operational check was good.

Removed & reinstalled HSI after repair, p/n 52D189 s/n 589A.  
See 8130-3 dated 9/1/2004, WO# 61411 by Century Flight Systems Inc. Performed operational check, no problems noted.

C/W **SB 2X-27-08R1** dated 4/16/2004, by installing new roll trim cartridge, lubed pitch trim cartridge and installed plug using kit # 70067-001.

C/W **SB 2X-28-02** dated 1/16/2004, by installing fuel selector valve kit p/n 70066-001.

C/W **SB 2X-55-10** dated 4/30/2004, by installing horizontal stabilizer inspection hole close-out kit # 70070-001.

C/W **SB 2X-32-08 R1** dated 4/8/2004, by inspecting brake lines and installing anti-chafe spacer Kit # 70071-001.

C/W **SB 2X-95-06** dated 1/8/2004, CAPS lanyard rigging inspection, no problems noted.

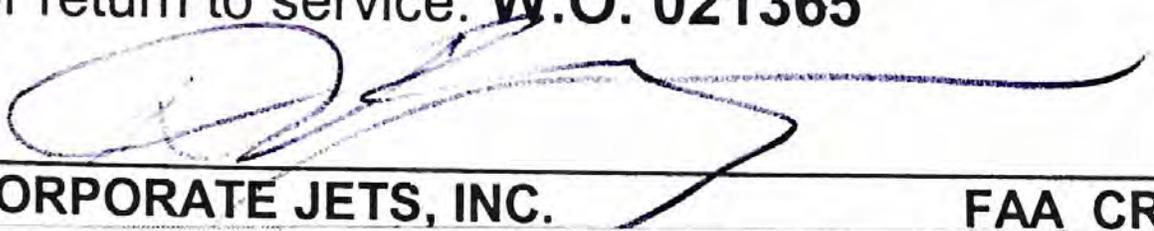
C/W **SB 2X-95-07** dated 1/13/2004, by CAPS installation of placard kit p/n 70068-001.

N 812CD Cirrus SR 22 S/N 0124 9/7/2004 2 of 2

C/W **SB2X-95-08** dated 6/28/2004, by correcting the CAPS life limited parts chart for the Reefing Line Cutters. **The corrected expiration date of the reefing line cutters is 2/28/2007.**

C/W **SB A2X-25-08** dated 6/22/2004, by adjusting crew seat break-over bolts, Operational check of crew seats was good.

certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 021365**

  
CORPORATE JETS, INC.

FAA CRS# LN3R663L

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# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: Jan. 5, 2004**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT 429.1**

## **AIRFRAME LOG ENTRY**

Removed GNC420 P/N 011-00506-10 S/N 97200205.  
Installed repaired unit P/N same S/N 97202147 and set  
up GPS and operational check was good.

I certify that the above stated maintenance was  
performed in accordance with the current FAR's and this  
aircraft is approved for return to service. **W.O. 913423**

  
CORPORATE JETS, INC.

FAA CRS# LN3R663L

## ***Stellar Performance Aviation***

209 S. Stellar Parkway  
Chandler, AZ 85226  
Phone 480-785-7722 Cell 480-283-3045

A\C Tail Num: N812CD  
Hobbs Time: 545.0  
TTAF: 545.0  
Date: 2/4/2005

Serviced aircraft battery, brakes, and tires. Inspected ELT in accordance with FAR 91.207(d); next battery replacement due March 2008. Installed new RT brake linings. -Installed new air filter. All ADs complied with to date, see AD list for details. All work performed per Cirrus maintenance manual and inspection checklist.

---END---

A&P Signature



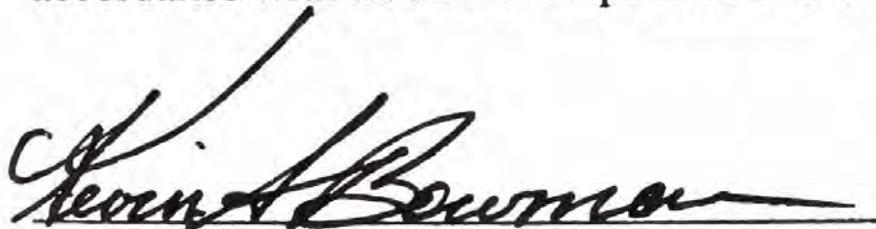
Certificate Number

482546653 A&P

Complied with an annual inspection in accordance with the Cirrus maintenance manual and the current Federal Aviation Regulations, part 43, subsection D. I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

---END---

IA Signature



Certificate Number

4592710065 IA/A&P

## ***Stellar Performance Aviation***

209 S. Stellar Parkway

Chandler, AZ 85226

Phone 480-785-7722 Cell 480-283-3045

A/C Tail Num: N812CD

Hobbs Time: 626.8

TAF: 626.8

Date: 02/01/2006

Serviced aircraft battery, brakes, and tires. Inspected ELT in accordance with FAR 91.207(d); next battery replacement due March 2008. Installed new air filter assembly PN BA-111 and new air filter, PN BA-24. Complied with crew seat recline lock installation in accordance with AD 2005-17-19C (SB 2X-25-06 R4). All ADs complied with to date, see AD list for details. All work performed per Cirrus maintenance manual and inspection checklist.

---END---



A&P Signature

128564183 A&P IA

Certificate Number

Complied with an annual inspection in accordance with the Cirrus maintenance manual and the current Federal Aviation Regulations, part 43, subsection D. I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

---END---



IA Signature

128524183 A&P IA

Certificate Number



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: September 13, 2006**

**Model # Cirrus SR22 S/N 0124**

**ACTT 668.4**

## **AIRFRAME LOG ENTRY**

Removed & reinstalled the MFD, p/n 453-0550-00 s/n 90781 after rebuilt.

See FAA form 8130-3 dated Sep 11, 2006, WO# 63907 by SAGEM AVIONICS INC. Operational check was good.

Removed and reinstalled the turn coordinator/roll computer p/n 01260-4-8-28, s/n 1695C after repair.

See FAA Form 8130-3 dated Aug/30/2006, WO# R000049321 by S-TEC Corporation. Operational check was good.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 914216**

  
CORPORATE JETS, INC.

FAA CRS# LN3R663L



HOBBS 672.9  
TOTAL 672.9  
TSOH -----  
DATE 10/19/06

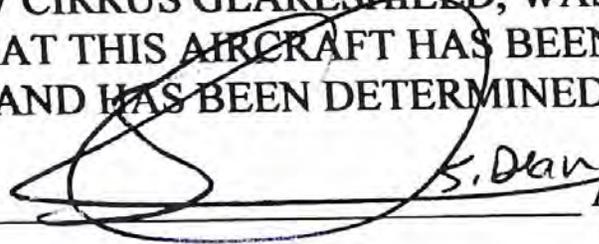
AIRCRAFT MAINTENANCE & REPAIR  
FALCON FIELD – MESA, AZ

REG # N812CD  
A/C # 0124  
ENG # 685867

REMOVE INSPECTION PANELS, INSPECT AND LUBE PULLEYS AND CABLES. INSPECT BRAKES, SERVICE BATTERY AND CHECK CABLE TENSIONS. REMOVE E.L.T. AND INSPECT IN ACCORDANCE WITH FAR 91.207(d). E.L.T. BATTERY DUE MARCH, 2008. REPAIR RUDDER TRIM TAB AND SERVICE TRIM DRIVE. SERVICE WHEEL BEARINGS, INSPECT BRAKES AND SERVICE FUEL STRAINER. PERFORM A.D. COMPLIANCE HISTORY CHECK. COMPLY WITH SB 2X-32-14 R1 ( MAIN GEAR FAIRING ), A.D. # 2006-19-10, IN ACCORDANCE WITH SB 2X-25-17 R1 ( CREW SEAT PINS ), A.D. # 2006-07-06 ( FUEL LINE CHAFFING ), IN ACCORDANCE WITH SB 2X-28-04 R1, SB 2X-28-03 R1 ( FUEL SELECTER VALVE ), SB 2X-52-04 R1 ( CABIN DOOR STRUT MOD ), SB 2X-57-05 R1 ( AILERON HINGE BEARING ), AND A.D. # 2005-12-06 ( IMPULSE COUPLINGS ), DUE AGAIN AT HOBBS: 1172.9 .  
INSTALL NEW CIRRUS GLARESHIELD, WASH AIRCRAFT AND RETURN TO SERVICE.

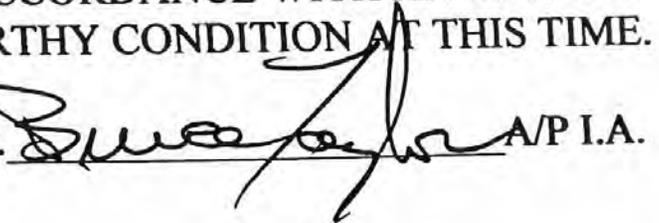
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

MECHANIC

  
S. Dean

A/P 3116187

INSP.

  
A/P I.A.



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: June 30, 2007 1 of 3**

**Model # Cirrus SR 22 S/N 0124**

**ACTT 704.0**

**TCM IO55N7 s/n 685867 ETT 704.0**

**PHC-J3YF-1RF s/n FP1521B PTT 704.0**

## **AIRFRAME LOG ENTRY**

Accomplished 50/100 hour/ 6&12 month/annual inspection in accordance with the manufacturer's service manuals.

12 month Induction air filter replacement .

12 month fire bottle inspection.

24 month OAT/clock battery replacement.

Annual replacement of brake caliper O-rings.

### **Time Life Parts Replacement:**

**6 year CAPS reefer line cutters replacement by installing kit p/n 12020. Removed cutter p/n 211512 Lot # T0S01B002005. Installed cutter p/n same Lot# T0S07C003041.**

**FAR 91.207(d) ELT system inspection, no defects noted. ELT battery next due replacement 3/31/2008.**

**AD2004-08-10 dated April 9, 2007 is not applicable by original cylinders installed on this engine.**



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Cirrus SR 22 S/N 0124 6/30/2007 2 of 3**

**C/W AD2006-21-03** dated 11/17/2006, brake system fires per group 2 complied with by replacing 4 each brake caliper o-rings p/n M834S14.

Group 4 was previously complied with by SB 2X-32-14R1 on 10/19/2006 @672.9 ACTT.

**AD 2002-24-08** dated 1/25/2003, CAPS system was previously complied with at 12/16/2002, AFTT 193.2.

SB 22-95-03, previously complied with on 10/17/2002 ACTT 156.3.

SB 22-95-04, previously complied with on 10/17/2002 ACTT 156.3.

SB 22-95-05R1, previously complied with on 12/16/2002 ACTT 193.2

**SB A2X-25-08** dated 6/22/04, by adjusting crew seat break-over bolt.

**SB 2X-27-14R1** dated 5/24/07, Aileron-rudder interconnect complied with by installing kit p/n 70187-001.

**SB 2X-57-06R1** dated 06 Oct 2005, LH/RH Flap hinge fairings replacement.

Installed inboard LH/RH flap hinge fairing kit p/n 16738-101.

Installed mid LH/RH flap hinge fairing kit p/n 16738-102.

Installed outboard flap hinge fairing kit p/n 16738-103.



# Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Cirrus SR 22 S/N 0124 6/30/2007 3 of 3**

**SB 2X-25-07R4** dated 01 Nov 2005 Dual inertia reel seat belt installation of kit p/n 70076-001.

Pilot reel p/n 4104-1-011-8013 s/n 19APR07-20

Co-Pilot reel p/n same s/n 19APR07-17

Updated aircraft weight & balance & inserted in POH.

Installed new parts:

3 ea reading light buttons p/n 12457-002

LH aft NAV light p/n 50911-001

Induction air filter p/n BA-24

Bottom rudder Cap p/n 20917-203

Landing light lens p/n 14199-002

Air Filter cap p/n 111-7

4ea. Gas strut mount bushings p/n 50580-001.

Pitot tube p/n PH502 s/n 610720

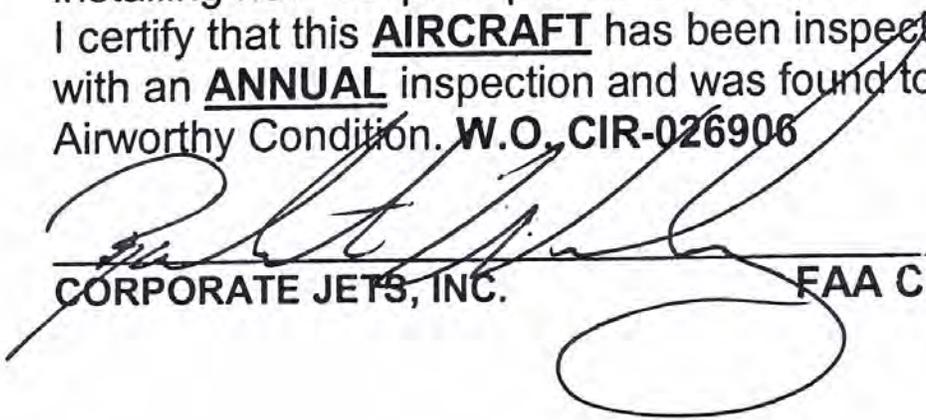
Removed the RH Flap p/n 16981-102.

Installed new flap p/n same s/n 0255.

Cleaned heater control cable & lubed cable at heater end.

Removed and reinstalled nose wheel pant after repairing and installing new nut plate p/n MS21059 208.

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition. **W.O. CIR-026906**

  
CORPORATE JETS, INC.

FAA CRS# LN3R663L



# ***Corporate Jets, Inc.***

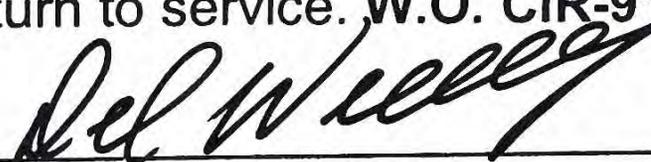
14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: June 28, 2007**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT: 704.0**

## **AIRFRAME LOG ENTRY**

Removed Altimeter p/n 5934D-3A.249G, s/n 435846.9118107  
Installed repaired altimeter p/n same, s/n 435846  
See FAA form 8130-3 dated Jun/20/2007 WO# WRK 0102972  
By Mid Continent Instruments west. Operational check was  
good.

I certify that the above stated maintenance was performed in  
accordance with the current FAR's and this aircraft is approved  
for return to service. W.O. CIR-914567

  
CORPORATE JETS, INC.

CRS LN3R663L



# **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N812CD Date: 6/28/2007**  
**Model #: Cirrus SR22 S/N: 0124**  
**Hobbs: 704.0**

## **AIRFRAME LOG ENTRY**

I certify that the ATC Transponder has been tested as required by FAR 91.413 and was found to comply with FAR 43, Appendix F.

#1 Transponder: **GTX327** #2 Transponder: **N/A**

Date: 6/12/2007 Work Order #: 914567

I certify that the altimeter and altitude reporting equipment have been tested as required by FAR 91.411, and were found to comply with FAR 43, Appendix E.

Pilot's Alt. to: **18,000 FT.** Copilot's Alt. to: **N/A**

#1 Encoder: **18,000 FT.** #2 Encoder: **N/A**

Date: 6/28/2007 Work Order #: 914567

Signed: \_\_\_\_\_

For Corporate Jets, Inc.

FAA CRS # LN3R663L

14600 N. Airport Drive, Scottsdale, Arizona 85260



## **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N812CD Date: 6/30/2007**

**Model #: Cirrus SR22 S/N: 0124**

**Hobbs: 704.7**

### **AIRFRAME LOG ENTRY**

Removed HSI P/N 52D189, S/N 589A. Installed overhauled HSI P/N 52D189, S/N 556A. See Mid-Continent Instruments 8130-3, work order WRK0103297, dated 6-29-2007. Ops check good IAW Cirrus SR22 MM 34-50.

Aligned autopilot roll centering on ground IAW S-TEC Flight Line Service Manual. Ops check good IAW POH.

Date: 6/30/2007      Work Order #: **CIR-914582**

Signed: \_\_\_\_\_

Corporate Jets, Inc.

FAA CRS # LN3R663L

14600 N. Airport Drive, Scottsdale, Arizona 85260

# Zenith

Flight Support

6741 Gemende Dr.  
Riverside, CA 92504  
951-689-1160

Make: CIRRUS DESIGN

Model: SR22

Reg. No.: N812CD

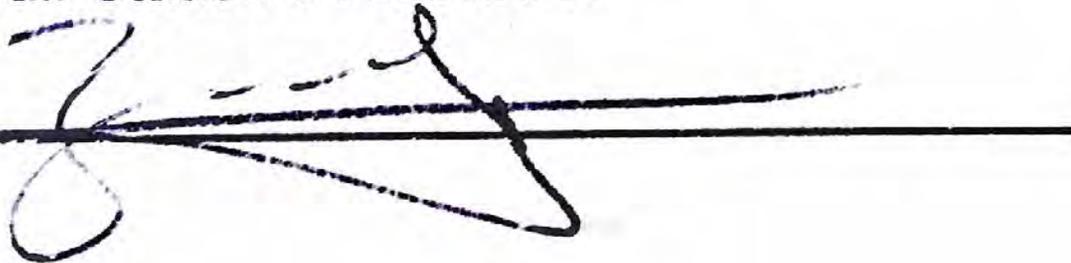
Date: 07/12/07 00:00

S/N: 0124

Tach Time: 0.00

## Avionics Log

Updated Mod Status of GMA340 to level 2. Installed Garmin 496 power data cable and tied to main bus, isolated with inline fuse. Certified Repair Station #Y8ER561Y

A handwritten signature in black ink, appearing to be 'Z. S.', is written over a horizontal line.

MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812CD  
WORK ORDER: 10809



## Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 7/17/2007  
A/C TSN: 718.6  
HOBBS: 718.6

### Airframe Entries

Removed and Replaced Shock Cord Interconnect Rudder W/New. Adjusted Deflection to within Limits. C/W SB 2x-27-14R2 Rudder/Aileron Interconnect Modifiacation, removed washer per SB....&...Replaced landing light ballast assy w/new."LOANER " AT THIS TIME. Function test good.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 7/17/2007

SIGNED:

A large, handwritten signature in blue ink, appearing to read "Kim Davidson".

Work Order: 10809

Kim Davidson  
Certified Repair Station No. YYKR678L

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MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812CD  
WORK ORDER: 10843



## Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 7/30/2007  
A/C TSN: 742.3  
HOBBS: 742.3

### Airframe Entries

Performed 50hr servicing of aircraft battery, brakes and tires and lubrication of surface and engine controls. Ran up and no leaks found....&...Removed and Replaced O-Rings in RH and LH Calipers. Replaced Temp. Indicator with New....&...Replaced LH & RH Upper MLG Fairing Brackets w/ new due to crack....&...Removed and Replaced LH and RH brake Linings with New....&...Removed and replaced Air filter with new.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 7/30/2007

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 10843

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MAKE: Cirus  
MODEL: SR22  
S/N: 0124  
REG. NO: 812CD  
WORK ORDER:  
18320-09-2007



## Howard Aviation, Inc.

Repair Station No. TO3R874L  
1401 Fairplex Drive  
La Verne, CA 91750  
Phone: 909-593-2596

DATE: 9/7/2007  
A/C TSN:  
HOBBS: 799.8

### Airframe Entries

Wired power (fused), ground and RS-232 data cable for portable traffic avoidance. Conducted system ops check, system checks good. This is a minor alteration.... Installed power outlet on the rear side of the center console, also installed four feet of wire for power and ground. Circuit breaker was also installed for the power outlet for circuit protection. This is a minor alteration.

---

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 18320-09-2007.

DATE: 9/7/2007

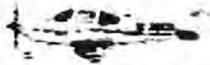
SIGNED:

Robin Howard  
Certified Repair Station No. TO3R874L

Work Order: 18320-09-2007

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ENGINE MODEL:  
IO-520-N  
ENGINE SN:  
REG. NO: 612CD  
WORK ORDER: 10900



## Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 9/19/2007  
A/C TSN: 807.8  
ENG TT: 807.8  
HOBBS: 807.8

### Engine Entries

Removed and replaced oil with 8qts of Aeroshell 100W Plus. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. Oil analysis taken.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 9/19/2007

SIGNED:

A handwritten signature in blue ink, appearing to read 'Kim Davidson', written over a horizontal line.

Work Order: 10900

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812CD  
WORK ORDER: 10900



## Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 9/19/2007  
A/C TSN: 807.8  
HOBBS: 807.8

### Airframe Entries

Installed Airwolf Air/Oil separator IAW STC# SA 02268CH. Weight & Balance and Equipment List revised this date. See FAA Form 337 dated 9-18-2007 for details....&...Replace CHT probe with new....&...Installed roll pin in LH and RH door latch assy to prevent housing rotation....&...R&R Logic Module w/new, ground run check good....&...Removed and Replaced: ( Previously installed new logic module) W another New one. Removed and Replaced Alt#1 Current Sensor W/New....&...aligned rudder/verticle by adjusting spring cartridge (fwd @ pedals)pedals even ,rudder /verticle within limits.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L

DATE: 9/19/2007

SIGNED:

Work Order: 10900

Kim Davidson  
Certified Repair Station No. YYKR678L

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MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812CD  
WORK ORDER: 11027



## Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 10/12/2007  
A/C TSN: 812.7  
HOBBS: 812.7

### Airframe Entries

R&R crankshaft seal w/ new. Run up and no leaks noted....&...C/W and found within limits....&...C/W by Ray...&...Cleaned engine w/ solvent.

---

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 10/12/2007

SIGNED:

A handwritten signature in blue ink, appearing to read 'Kim Davidson', written over a horizontal line.

Work Order: 11027

Kim Davidson  
Certified Repair Station No. YYKR678L

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ENGINE MODEL:  
IO-520-N  
ENGINE S/N:  
REG. NO: 812CD  
WORK ORDER: 11027



### Kim Davidson Aviation, Inc.

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 10/12/2007  
A/C TSN: 812.7  
ENG TT: 812.7  
HOBBS: 812.7

### Engine Entries

Removed Oil Cooler, sent out for repair reinstalled. Run up checked good, no leaks noted.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 10/12/2007

SIGNED:

Work Order: 11027

Kim Davidson  
Certified Repair Station No. YYKR678L

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MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812CD  
WORK ORDER:  
3071-10-2007



### Lone Mountain Aviation, Inc.

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

DATE: 10/18/2007  
A/C TSN:  
HOBBS: 828.2

### Airframe Entries

Replaced left and right control yoke grips IAW Cirrus MM chapter 27. Ops checks OK.... Complied with SB 2X-27-14 R3 Rudder-Aileron Interconnect Modification. Installed Kit 70197-001.

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: 10/18/2007

SIGNED:

Work Order: 3071-10-2007

Kenneth Scherado, IA: 472582237 1

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MAKE Cirrus  
MODEL SR-22  
S/N 0124  
REG. NO. N812CD  
WORK ORDER  
3072-10-2007



**Lone Mountain Aviation, Inc.**

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

DATE: 10/22/2007  
A/C TSN  
HOBBS: 828 2

**Airframe Entries**

Installed new 80 AMP MIDI Fuse in MCU Charge circuit. Performed MCU 100 Troubleshooting runup IAW Cirrus Design CMM Chapter 01, no discrepancies noted... Installed new pilot's side trim switch p/n 50340-001 IAW Cirrus SR22 MM Chapter 27-00. Operational check good... Replaced landing light relay IAW Cirrus MM chapter 24. Operational checks OK

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: 10/22/2007

SIGNED

*Kenneth Scherado*  
Kenneth Scherado  
Certified Repair Station No. L9OR473Y

Work Order: 3072-10-2007

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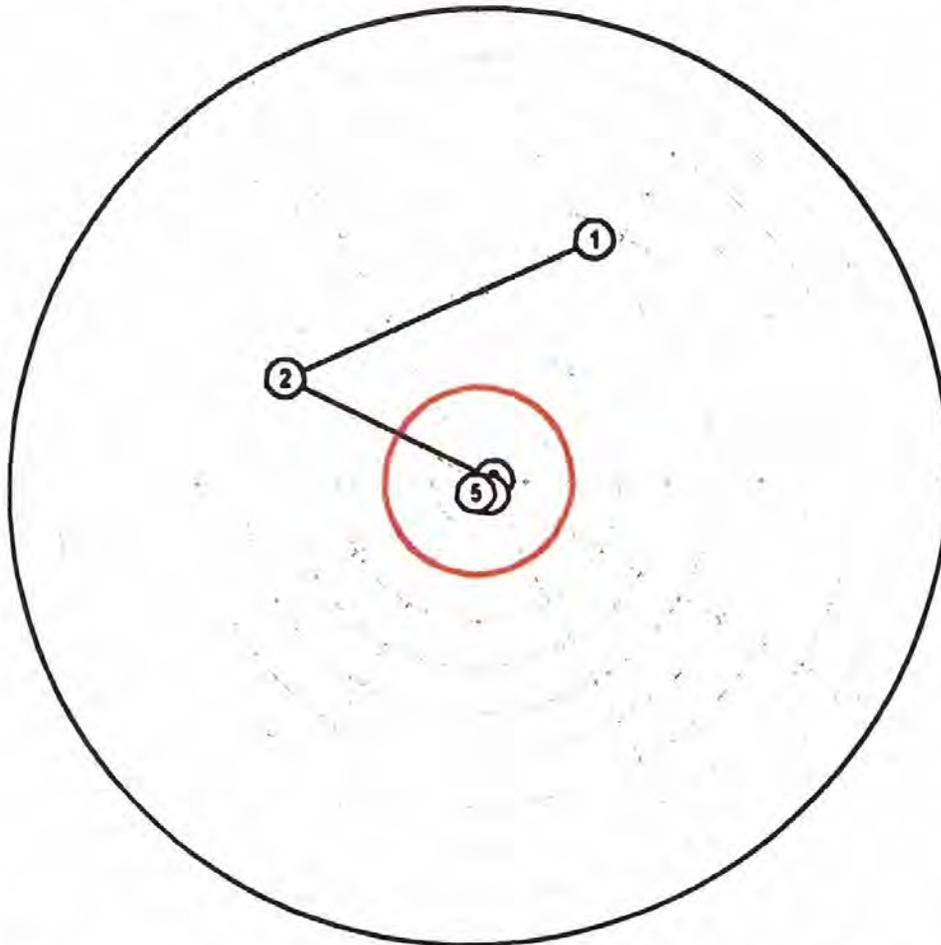
10/30/07 824.0

changed registration number from N812CD  
to N812DW. Denise Wilson

Denise Wilson FAA pilot certificate 2846127ATP

# ENGINE/PROP DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----



## Operator Comments

Dressed propeller blade leading edges. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .565 @ 2555 rpm reduced to .027 IPS @ 2537 rpm by removal of existing weight and installation of AN hardware balance weights on spinner rear bulkhead. 18.96 grams @ 200 degrees and 23.05 grams @ 325 degrees. Repositioned right side front baffle seal and rear baffle seal for fit. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

**N812DW Cirrus SR 22 124 834.5 Hrs**

**Cont IO 550 N 7 685867**

**HP 2550 RPM**

**MicroVib II SN:1177 Cal:08/01/2007**

**Initial: 0.565 IN/S @ 2555.4 RPM Final: 0.027 IN/S @ 2537.5 RPM**

Oper: \_\_\_\_\_

Date: 11/04/2007

Jim Barker A&P 2755069

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11/27/07	843.0	<p>DRAINED OIL AND TOOK SAMPLE. REMOVED OIL FILTER P/N CH48109 AND INSPECTED FILTER. NO METAL FOUND. INSTALLED NEW OIL FILTER P/N CH48109. ADDED 7 QUARTS AEROSHELL 100 PLUS. PERFORMED LEAK CHECK. NO DISCREPANCIES NOTED.</p> <p style="text-align: center;"> ALAN WILSON FAA PILOT CERTIFICATE 2846118ATP</p>
see page 71		<p>MAKE: CIRRUS MODEL: SR-22 S/N: 0124 REG. NO: N812DW</p> <p style="text-align: right;">DATE: 1/21/2008 A/C TSN: 868.1 ENGINE TT: 868.1</p> <p><b>AIRFRAME ENTRIES</b></p> <p>Removed battery #2 and installed new battery #2 p/n 50979-001 in accordance with the Cirrus Maintenance Manual. Electrical system operational check accomplished.</p> <p style="text-align: center;"> Alan R. Wilson 2846118ATP</p>



**STERLING JET SERVICE**

56850 Higgins Dr. Thermal, CA. Phone 760-399-3055, Fax 760-399-3044

N812DW Cirrus SR22 S/N 0124 02/11/08  
Airframe TT 886.7

Installed Rosen sun visors in original visor positions. Installed per STC # A00009CH, master drawing list # 1740000-DL, revision B, dated August 13, 2003 and installation document 9050-0174-001, revision A, dated August 5, 2003. Installed new heat control cable P/N 13870-001 in position. Operational test indicated proper operation. 337 form filed with FAA and placed into aircraft records. ---END---

A handwritten signature in black ink, appearing to read 'Chris Goodrum', is written over a horizontal line.

Chris Goodrum 253412300APIA

La Quinta Air Services, Inc.

N812DW 2/27/08 HOBBS TIME: 902.5 HOURS

COMPRESSION CHECK CYLINDER: #1 72/80 #2 72/80 #3 70/80 #4 71/80 #5 70/80 #6 75/80.  
PERFORMED AN ALL CYLINDER BORESCOPE INSPECTION USING A LENOX RIDGID  
BORESCOPE AND TCM SID97-2A AS A GUIDE. CYLINDER WEAR APPEARS NORMAL FOR  
THE TIME IN SERVICE. NOTED OIL ACCUMULATION IN ALL LOWER COMBUSTION  
CHAMBERS, HEAVY OIL IN CYLINDER #2. REPLACED ALL SPARK PLUGS WITH NEW  
CHAMPION RHB32E PLUGS. ENGINE RUN UP AND OPERATIONL CHECKS PERFORMED.

Signed James Currier W.O. # 3008

FAA Repair Station LQ6R171N

LA QUINTA AIR SERVICES INC.

THERMAL, CA 92274



## **Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: June 13, 2007**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT: 704.0**

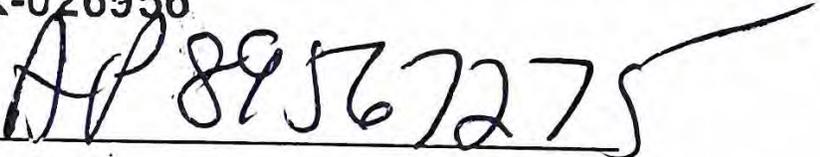
### **AIRFRAME LOG ENTRY**

C/W **SB 2X-95-09 R1** dated 10 April 2007, inspected the CAPS parachute straps. Installed kit p/n 70142-001 an abrasion protective sheath over the LH fuselage strap at the shackle assembly.

C/W **SB A2X-95-10R2** dated April 30, 2007, CAPS pickup collar support replacement by installing kit p/n 70181-002.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. ~~W.O. CIR-026956~~

  
CORPORATE JETS, INC

  
AP 89567275

Precision Static Testing      Livermore, CA  
FAA Certified Repair Station #QJAR856X  
PHONE: (925) 449-5904    FAX (925) 449-6081

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 20,000 feet.

Time: 1382.8

W/O# 7694

N 812DW

Inspected by 

Date 10/3/11



STERLING JET SERVICE

56850 Higgins Dr. Thermal, CA. Phone 760-399-3055, Fax 760-399-3044

N812DW Cirrus SR22 S/N 0124 11/28/07  
Airframe TT 843.3

Performed 50hr inspection. Inspection done I/A/W Cirrus MM. Operational test indicated proper operation and no leaks.--- END---

A handwritten signature in black ink, appearing to read 'Chris Goodrum', with a long horizontal flourish extending to the right.

Chris Goodrum 253412300APIA

MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812DW  
WORK ORDER: 11441



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 3/18/2008  
A/C TSN: 913.4  
HOBBS: 913.4

**Airframe Entries**

Install nose wheel pant supplied by owner....&...balance nose wheel & check wheel bearings.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 3/18/2008

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 11441

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STERLING JET SERVICE

56850 Higgins Dr. Thermal, CA. Phone 760-399-3055, Fax 760-399-3044

N812DW Cirrus SR-22 S/N 0124 3/26/08 Airframe TT 916.8

**Completed the following maintenance tasks:**

50 hour inspection

Performed 50 hr inspection. Installed EGT-701 with fuel flow option I/A/W STC SA2586NM and SA00432SE. 337 form filed. I certify that this aircraft was inspected I/A/W 50 hr inspection and was determined to be in an airworthy condition and is approved for return to service. Work done I/A/W Cirrus SR-22 maintenance manual and FAR 43 Appendix D. ---END---

A handwritten signature in black ink, appearing to read 'Chris Goodrum', written in a cursive style.

Chris Goodrum 253412300APIA

La Quinta Air Services, Inc.

N812DW 3/27/08 HOBBS TIME: 916.9 HOURS.

REPLACED THE MAIN GEAR TIRES AND TUBES WITH NEW GOODYEAR FLIGHT CUSTOM III TIRES SIZE 15X6.00 6, 6 PLY AND AERO CLASSIC LEAKGUARD TUBES. CLEANED AND INSPECTED THE WHEELS AND WHEEL BEARINGS. REPACKED THE WHEEL BEARINGS USING AEROSHELL #5 GREASE. REPLACED THE MAIN GEAR INBOARD WHEEL FAIRING ATTACH BRACKETS WITH NEW CIRRUS P/N 17205-001 LEFT HAND AND P/N 17205-002 RIGHT HAND. REPLACED THE NOSE STRUT REBOUND BUMPER WITH A NEW CIRRUS P/N 18380-001 BUMPER AND RESAFETYED. CHECKED THE BRAKE FLUID LEVEL AND REINSTALLED THE ENGINE COWLING. TAXI TESTS PERFORMED.

Signed James Curwin W.O. # 3027

FAA Repair Station LQ6R171N

LA QUINTA AIR SERVICES INC.

THERMAL, CA 92274

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: 812DW  
WORK ORDER:  
19020-04-2008



### Howard Aviation, Inc.

Repair Station No. TO3R874L  
1401 Fairplex Drive  
La Verne, CA 91750  
Phone: 909-593-2596

DATE: 4/1/2008  
A/C TSN:  
HOBBS: 918

### Airframe Entries

Wired fuel flow to #1 GNS 430. Performed system operation checks. System checked good.... Adjusted altitude encoder 200 feet.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 19020-04-2008.

DATE: 4/1/2008

SIGNED:

Work Order: 19020-04-2008

Robin Howard  
Certified Repair Station No. TO3R874L

Printed by EBis 3 (datcomedia.com)

MAKE: CIRRUS  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW

DATE: 4/01/2008  
A/C TSN: 919.9  
ENGINE TT: 919.9

### AIRFRAME ENTRIES

Replaced ELT batteries with new, part number MN1300. Batteries next due replacement March 2014. Operational check of ELT good.

Alan R. Wilson 2846118ATP

---

ENGINE MODEL: IO-550-N  
ENGINE S/N: 685867  
REG. NO: N812DW

DATE: 4/01/2008  
A/C TSN: 919.9  
ENGINE TT: 919.9

## ENGINE ENTRIES

Changed oil and filter. Cut open filter and checked for metal. No metal found. Oil sample sent to Blackstone Labs for analysis. Installed new oil filter p/n CH48109. Serviced with 8 qts Aeroshell 100W Plus. Check battery 1 – no service needed. Checked brake fluid reservoir – level good. Ran up engine – leak check good. Returned to service.

Alan R. Wilson 2846118ATP





# **Corporate Jets, Inc.**

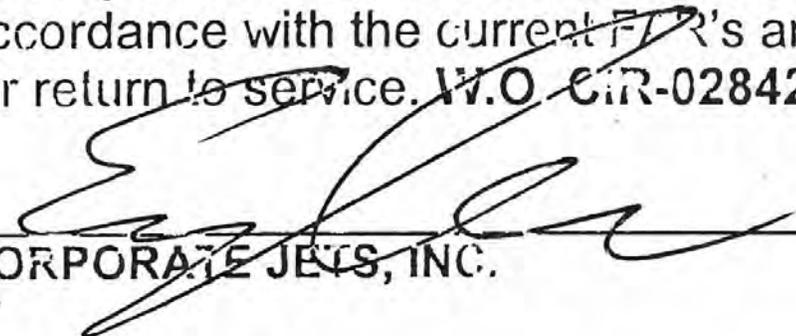
14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N 812CD Date: May 9, 2008**  
**Model # Cirrus SR22 S/N 0124**  
**ACTT: 931.7**

## **AIRFRAME LOG ENTRY**

C/W **AD 2007-14-03** dated 8/16/2007, to prevent inflight CAPS activation, was previously complied with per **SB A2X-95-10R2** CAPS Pickup collar support replacement by installing kit p/n 70181-002 on 6/13/2007, @704.0 AFTT.

I certify that the above stated maintenance was performed in accordance with the current ~~FAR~~'s and this aircraft is approved for return to service. ~~W.O. CIR-028422~~

  
CORPORATE JETS, INC.

GRS LN3R663L



**STERLING JET SERVICE**

56850 Higgins Dr. Thermal, CA. Phone 760-399-3055, Fax 760-399-3044

N812DW Cirrus SR-22 S/N 0124 07/03/08 Airframe TT 957.9 Hobbs 957.9

**Completed the following maintenance tasks:**

Annual/12 month inspection

12 month ELT inspect/test

Annual brake caliper o-ring replacement

Complied with **SB 2X-53-03** (Tie down bumper kit)

12 month fire extinguisher weight/pressure inspection

12 month induction air filter P/N BA-24

50hr/100hr & 6 month inspection requirements

Installed new landing light harness P/N 12560-107

**AD 2008-03-16** PCW per SB 2X-27-14 R3 on 10/18/2007

**AD 2008-06-28R1** N/A by equip installed

Performed annual inspection. Installed Performed ELT functional test per FAR 91.207 (d) 1 through 4. **ELT battery due July, 2010.** I certify that this aircraft was inspected I/A/W an annual inspection and was determined to be in an airworthy condition and is approved for return to service. Work done I/A/W Cirrus SR-22 maintenance manual and FAR 43 Appendix D. ---END---

Chris Goodrum 253412300APIA

PROFESSIONAL AIR 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-0019

N812DW

Model: SR22

S/N: 0124

7-JULY-2008

HOBBS: 962.8 AFTT: 962.8

W/O: 08-41516

Removed and replaced gascolator seal with new. Removed and replaced #1 aircraft battery with new. Replaced roll trim cartridge.

*Harland Hafter*

A&P2789003IA  
Harland Hafter  
Professional Air



Professional Air  
Travel that works for you



ENGINE MODEL: IO-550-N  
ENGINE S/N: 685867  
REG. NO: N812DW

DATE: 8/24/2008  
A/C TSN: 985.5  
ENGINE TT: 985.5

#### ENGINE ENTRIES

Changed oil and filter. Cut open filter and checked for metal. No metal found. Oil sample sent to Blackstone Labs for analysis. Installed new oil filter p/n CH48109. Serviced with 7 qts Aeroshell 100W Plus. Check battery 1 – no service needed. Checked brake fluid reservoir – level good. Ran up engine – leak check good. Returned to service.

Alan R. Wilson 2846118ATP

*Alan R. Wilson*

**PROFESSIONAL AIR** 63132 Powell Butte Hwy. Bend, Oregon 97701 (541) 388-0019  
N812DW Model: CIRRUS S/N: 0124  
Tach: AFTT: W/O: 08-41643  
2-SEPT-2008

Removed and replaced right and left door seals P/N 52010-008U. Adjusted doors.

A&P543250162IA  
Geoffrey Carson  
Professional Air

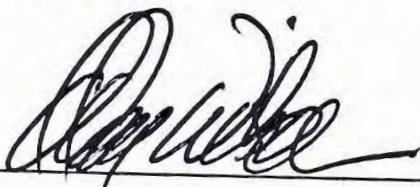


ENGINE MODEL: IO-550-N  
ENGINE S/N: 685867  
REG. NO: N812DW

DATE: 12/01/2008  
A/C TSN: 1014.1  
ENGINE TT: 1014.1

**ENGINE ENTRIES**

Changed oil and filter. Cut open filter and checked for metal. No metal found. Oil sample sent to Blackstone Labs for analysis. Installed new oil filter p/n CH48109. Serviced with 7 qts Aeroshell 100W Plus. Check battery 1 and serviced. Checked brake fluid reservoir and replenished with MIL-H-5606. Ran up engine – leak check good. Returned to service.

Alan R. Wilson 2846118ATP 

LA QUINTA AIR SERVICES INC.

ENGINE LOGBOOK ENTRY N812DW 12/19/08 HOBBS TIME: 1019.9 HOURS  
COMPRESSION CHECK: CYLINDER #1 74/80 #2 74/80 #3 72/80 #4 64/80 #5 76/80 #6 74/80.  
BORESCOPED ALL CYLINDERS AND NOTED ACCEPTABLE WEAR PATTERNS OF CROSS  
HATCH. THE LOWER BARRELS HAVE OIL ACCUMULATION. CLEANED THE UPPER SPARK  
PLUGS UPON REINSTALLATION.

Signed James Curry W.O. # 3191  
FAA Repair Station LQ6R171N  
LA QUINTA AIR SERVICES INC.  
THERMAL, CA 92274

LA QUINTA AIR SERVICES INC.

12/19/08 HOBBS TIME 1019.9 HRS. ENGINE LOG BOOK ENTRY. N812DW. CIRRUS SR22. S N  
0124. REMOVED AND REPLACED ENGINE MAGNETOS AFTER 500 HRS INSPECTION BY  
"AERO ACCESSORIES" VAN NUYS, CA. MODEL # S6RSC-25. LH S/N D011A012. RH  
S/ND011A005 AND SET MAGNETO TIMING 22 DEG BTC. CLEANED AND RESEALED ALL FUEL  
INJECTOR NOZZLES. CLEANED, GAPPED AND ROTATED ALL SPARK PLUGS. RAN ENGINE  
AFTER MAINTENANCE, OPERATIONAL AND LEAK CHECK GOOD.

Signed Rob. Matthews W.O. # 3204  
FAA Repair Station LQ6R171N  
LA QUINTA AIR SERVICES INC.  
THERMAL, CA 92274

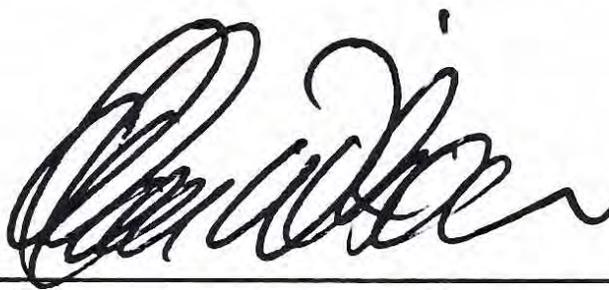
ENGINE MODEL: IO-550-N  
ENGINE S/N: 685867  
REG. NO: N812DW

DATE: 5/05/2009  
A/C TSN: 1045.9  
ENGINE TT: 1045.9

## ENGINE ENTRIES

Changed oil and filter. Cut open filter and checked for metal. No metal found. Oil sample sent to Blackstone Labs for analysis. Installed new oil filter p/n CH48109. Serviced with 7 qts Aeroshell 100W Plus. Check battery 1 – no service needed. Checked brake fluid reservoir – no service needed. Checked tire pressure – no service needed. Ran up engine – leak check good. Returned to service.

Alan R. Wilson 2846118ATP



---



DESERT  
AERONAUTICS  
PALM SPRINGS  
AIRCRAFT MAINTENANCE

424 NORTH CIVIC DRIVE  
PALM SPRINGS, CA 92262  
PHONE 760-323-7036  
FAX 760-323-7096



### Airframe

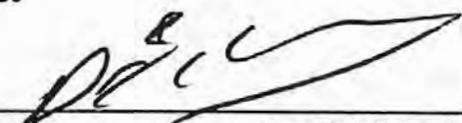
**DATE: 10 SEP 2009**  
**REG: N812DW**

**MODEL: Cirrus SR22**  
**S/N: 0124**

**HOBBS: 1099.4 TTAF: 1099.4**

- 1. Airframe inspected in accordance with a annual/100hr inspection as per FAR43 appendix D & using Cirrus Maintenance Manual as a guide. Removed inspection plates, checked cables, pulleys, chains, pushrods, bell cranks. Lubed as required, reinstalled access plates.**
- 2. Replaced all MLG brake pads**
- 3. Removed engine for repairs by Tims Aircraft Engines, reinstalled**
- 4. Patched baffling #4, 5 and 6 cylinders**
- 5. Installed new scat hose on forward alternator**
- 6. Cleaned, primed and painted engine mount clusters**
- 7. Replaced rivets nose leg fairing**
- 8. Filled cracks in LH wing at gear leg fairing, LH side of fuselage, belly at approx station 200, IAW Cirrus repairs for cosmetic damage**
- 9. Applies chafe tape to flaps**
- 10. Elevator stops adjusted IAW Cirrus Service Manuals**
- 11. Runup aircraft, all operations normal.**

12. Check ELT per FAR 91.207(d), ELT Batteries next due 08/10.
13. Checked AD compliance, see AD compliance summary with records.
14. Aircraft found to be airworthy and approved for return to service.



---

Derek Bakehouse A&P 592916983

DATE: 10 SEP 2009  
REG: N2812DW

MODEL: Cirrus SR22  
S/N: 0124

HOBBS: 1099.4

I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 appendix D & using the Cirrus Maintenance Manual as a guide and was determined to be in an airworthy condition.



---

Derek Bakehouse A&P 592916983IA



DESERT  
AERONAUTICS  
AIRCRAFT MAINTENANCE

PALM SPRINGS

421 NORTH GILCHRIST DRIVE  
PALM SPRINGS, CA 92262  
PHONE 760 323 7030  
FAX 760 323 7090



**FAA Repair Station # 21DR963P**

**DATE: 10 SEP 2009**  
**REG: N812DW**

**MODEL: Cirrus SR22**  
**S/N: 0124**

**TACH: 1099.4**

**I certify that the altimeter and static system tests required by CFR 91.411 and transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14 CFR Part 43, appendix E and F.**

**Altimeter Model: In A/C**

**Serial Number: In A/C**

**Transponder Model: GTX327**

**Serial Number: In A/C**

**Encoder Model: In A/C**

**Serial Number: In A/C**

**The altimeter was tested to 25,000 feet on 10 SEP 2009**

**The Transponder was tested on 10 SEP 2009**

**Encoder data correspondence was tested to 25,000 feet on 10 SEP 2009**

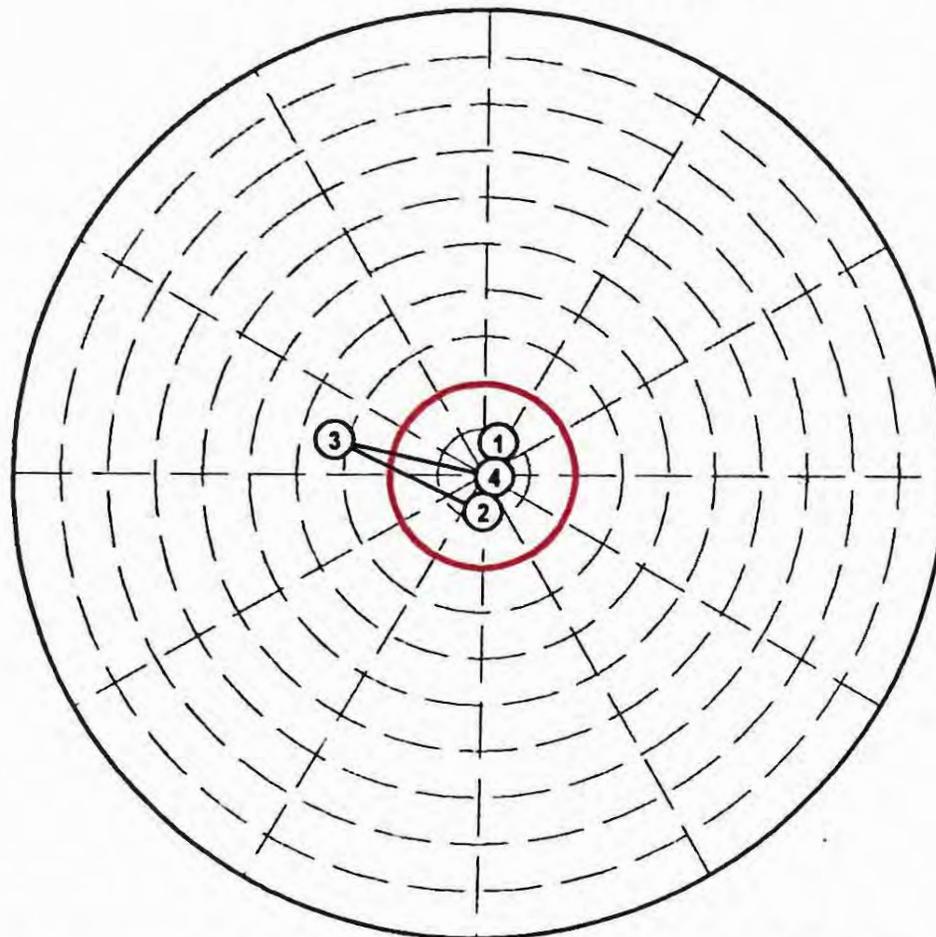
**Static system leak tested on 10 SEP 2009**

**Signature**

# ENG/PROP/FRONT DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----

## Operator Comments



Dressed propeller blade leading edges. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148. rev B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .076 @ 2536 rpm reduced to .026 IPS @ 2544 rpm. Adjusted Left and Right mag timing from +1.0 and +.8 degrees to 0 from nominal of 22 BTDC.

Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

**N812DW Cirrus SR 22 124 1127.6 Hrs**

**Cont IO 550 N7 685867**

**Front**

**MicroVib II SN:1173 Cal:02/18/2009**

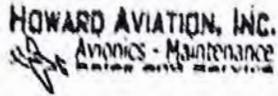
**Initial: 0.076 IN/S @ 2536.3 RPM Final: 0.026 IN/S @ 2544.4 RPM**

Oper: \_\_\_\_\_

Date: 10/12/2009

Jim Barker A&P 2755069

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: 812DW  
WORK ORDER:  
21024-01-2010



## Howard Aviation, Inc.

Repair Station No. TO3R874L  
1401 Fairplex Drive  
La Verne, CA 91750  
Phone: 909-593-2596

DATE 1/25/2010  
A/C TSN  
HOBBS 11562

### Airframe Entries

Removed attitude indicator and installed overhaul exchange P/N 504-0111-937 S/N 25045. Performed function check, good...Complied with Garmin Software Service Bulletin No. 0844 which upgraded the GNS 430 P/N 011-00280-10 S/N 97106278 Main Software from Version 2.23 to Version 5.04...Complied with Garmin Software Service Bulletin No. 0502 which upgraded the GNS 430 P/N 011-00280-10 S/N 97106278 Software from Version 2.10 to Version 3.03...Complied with Garmin Software Service Bulletin No. 0844 which upgraded the GNC 420 P/N 011-00506-10 S/N 97202147 Main Software from Version 2.26 to Version 5.04...Complied with Garmin Software Service Bulletin No. 0502 which upgraded the GNC 420 P/N 011-00506-10 S/N 97202147 Software from Version 2.11 to Version 3.03...Found static system was leaking beyond 2000 ft/min. Chased leak and found is leaking in line between center console and tail. Owner opted to repair at later date...R&R GA 56 Antenna for GNC 420.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 21024-01-2010.

DATE: 1/25/2010

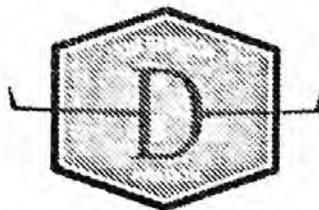
SIGNED:

Robin Howard  
Certified Repair Station No. TO3R874L

Work Order: 21024-01-2010

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MAKE: Cirrus  
MODEL: SR22  
S/N: 124  
REG. NO: 812DW  
WORK ORDER: 13556



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 06 April, 2010  
A/C TSN: 1197.7  
HOBBS: 1197.7

**Airframe Entries**

Replaced Altitude Digitizer w/ new A-30 s/n: 118583-----I certify that the ATC Transponder has been tested IAW FAR 91.413 and found to comply with FAR 43 Appendix 'F'. Tested to 20K feet. Next due 4/2012

---

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules 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 No. 13556, Dated 06 April, 2010.

DATE: 06 April, 2010

SIGNED:



Work Order: 13556

Brian Davidson  
Certified Repair Station No. YYKR678L

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**October 23<sup>rd</sup> 2010**

**N812DW Cirrus SR 22 S/N 124**

**Continental IO 550 N 7 S/N 686772**

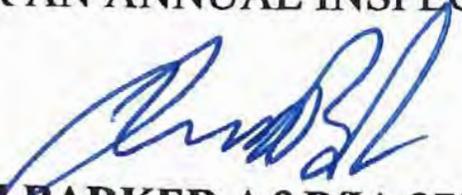
**Hartzell PHC-J3YF-1RF**

**TT 1275.3 Hrs**

**TT 1275.3 Hrs**

Accessed aircraft for an ANNUAL inspection IAW Cirrus MM and FAR 43 Ap D. Replaced induction airfilter element with new BA-24. Cleaned seat tracks. Replaced left passenger reading light switch assy with new. Replaced fuel selector handle with new unit from assy 17921-001. Replaced nose wheel caster Belleville washers, spacing washers, thrust washer and nut with new. Replaced throttle cable p/n 14064-102 with new and rigged. Replaced nose wheel tire and tube with new Goodyear FC III 5.00-5 6ply and new tube. Bonded right MLG mid strut stand off/clickbond to strut. Replaced exhaust rear support p/n 13925-001 with new. Tested ELT IAW FAR 91.207 d 1-4 and found satisfactory, run time 2 seconds, batteries due March 2011. Cleaned and lubricated cabin door latches. Secured roll pins in interior handles with safety wire. Replaced all brake pads and both brake rotors with new. Adjusted aileron rudder innerconnect travels per MM. C/W SB 2X-24-06 by installation of ground wire on Alternator #1. C/W SB2X-32-19R2 by inspection of weldment, no cracks noted, installed reinforcement bolt. Closed aircraft.

THE AIRCRAFT, ENGINE, PROPELLER AND OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA FOR AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.



**JIM BARKER A&P/IA 2755069**

**Hangar (715) 822 5787**

**Cell (715) 491 1303**

**aviationvibes@gmail.com**

**AVIATION RESOURCES, LLC**

**101 Airport Ave Hangar 7**

**Cumberland, WI 54829**

**www.aviationvibes.com**

ENGINE MODEL: IO-550-N  
ENGINE S/N: 685867  
REG. NO: N812DW

DATE: 4/3/2011  
A/C TSN: 1314.0  
ENGINE TT: 1314.0

### AIRFRAME ENTRIES

Removed and replaced Battery #1. Removed alternator #2, p/n BC410-1 s/n 091906. Installed overhauled alternator #2, p/n BC410-1 s/n 0632010X. Changed oil and filter. Cut open filter and checked for metal. No metal found. Oil sample sent to Blackstone Labs for analysis. Installed new oil filter p/n CH48109. Serviced with 7 qts Aeroshell 100W with CamGuard. Checked brake fluid reservoir and replenished with MIL-H-5606. Checked tire pressure, no service needed. Ran up engine – leak check good. Returned to service

Clifford Bruner A&P 3324892

A handwritten signature in black ink, appearing to read 'Clifford Bruner', written over a horizontal line.

MAKE: CIRRUS  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 00000542

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/26/2011  
A/C TSN: 1338.7  
TACH:

### Airframe Entries

removed window sealant cleaned and prepped areas to be sealed applied sealant to all windows... jacked aircraft removed main wheel pants remove pilot and copilot main wheel assembly disassembled wheels remove and replace tires with new repacked bearings and reinstalled wheel assembly's and pants... remove and replace axle wheel pant mount's pilot and co pilot side due to threads being worn... wheel pant fit checked during tire replacement... removed emergency location transmitter removed and replace battery's with new function tested and re installed elt battery's due mar 2017... removed light assembly from copilot side crew compartment headliner replaced with new function test ok... Re Secured LH and RH Lower wing root fairings,... Polished out all windows using standard maintenance practices,

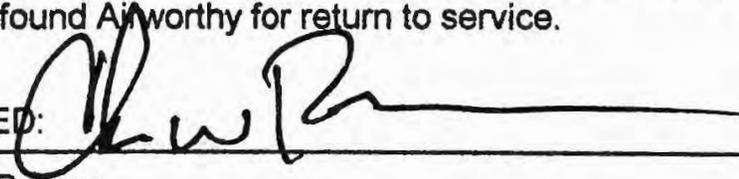
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### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/26/2011

SIGNED:



Chris Palage  
Certified Repair Station No. 7TLR012B

Work Order: 00000542

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MAKE: CIRRUS  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 00000598

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 10/3/2011  
A/C TSN: 1382  
HOBBS: 1382

### Airframe Entries

IAW A Annual Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated May 31, 2011. Complied with ELT inspection per 91.207(d), ELT operational check good, ELT battery expires Oct 2016. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.... Removed and replaced rocket motor assembly with new, PN: 26601-001 SN: 0438, expires Sep 2021. Removed and replaced parachute assembly with repacked, PN: 14242-101 SN: 00382-R1 Canopy Color: Orange/White, expires 09/20/2021.... Complied with SB 2X-27-16 R1, Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions.... Removed ACK ELT E-01, Installed ACK ELT 4-01. Main ELT battery expires Oct 2016. Audio alert indicator battery expires Oct 2021. Remote Control Indicator battery expires Oct 2016.... Complied with SB 2X-95-13, CAPS Strap Inspection And Grommet Installation.... Removed and replaced right hand wingtip decal.... Touched up leading edge wings.... Removed and replaced aft right hand passengers' cup holder.... Extracted and replaced rivet above right hand magneto on baffling seal hold down.... Removed and replaced gascolator fuel drain valve.... Removed and replaced VOR/LOC antenna grommets.... Removed and replaced left hand entry step wing walk.... Removed and replaced right hand entry step wing walk.... Complied with 24 month OAT/clock replacement, next due Oct 2013.... Completed body and paint work front of and beside copilots' wing walk.... Completed body and paint work directly in front of pilots' door.... Removed and replaced batteries in secondary battery pack, expires Oct 2013.... Installed throttle inner cable to outer cable dust boot.... Installed propeller governor inner cable to outer cable dust boot.... Removed and replaced baggage compartment door seal.... Removed and replaced pilots' side wing walk.... Rebonded inboard right hand wing root to body fairing.... Removed and replaced baffling mount fasteners.... Removed, cleaned, repacked, reinstalled and serviced left hand main landing gear wheel brake. Complied with SB2X-05-01, Overhaul and Replacement Schedule - Brake Assembly O-Ring Replacement Interval. Next

landing gear wheel brake repack due on condition or Oct 2016.... Removed, cleaned, repacked, reinstalled and serviced right hand main landing gear wheel brake.... Installed right hand passengers' seal back locking pin.... Removed, cleaned and reinstalled the nose landing gear wheel fork.... Rebonded right hand main landing gear center fairing faster receptacle.... Removed and replaced forward engine mount heat shield.... Removed and replaced copilots' reading light and switch assemblies.

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#### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 10/3/2011

SIGNED:



Work Order: 00000598

Shawn Fogle  
Certified Repair Station No. 7TLR012B

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Test Altitude	Scale Error	Friction Error	Encoder	Leak Act/Case		
-1000	+10		-1.0	820/15000	Hysteresis	
0	+10		1.0	% Altitude Tested	Altitude Tested	Amount Hysteresis
500	0		1.5	50%	10h	+20
1000	0	20	1.0	40%	8h	+30
1500	-10		1.5	After Effect <u>0</u> Check Pitot Heat <input type="checkbox"/>		
2000	-20	20	2.0	Baro. Scale Error (± 25 ft.)		
3000	0	20	3.0	28.10	-1727	✓
4000	+10		4.0	28.50	-1340	✓
5000	0		5.0	29.00	-863	✓
6000	0		6.0	29.50	-392	✓
8000	-10		8.0	29.92	0	✓
10000	0	30	10.0	30.50	+531	✓
12000	0		12.0	30.90	+893	✓
14000	+10		14.0	30.99	+974	-
15000	+10	30	15.0	Aircraft # <u>N812DW</u>		
16000	+30		16.0	Date Tested: <u>10/3/11</u>		
18000	+50		18.0	Technician: <u>JR</u>		
20000	+70	30	20.0	Inspector:		
22000						
25000						
30000						
35000						
40000						
45000						
50000						

Tested in compliance with Appendix E, Part 43, F.A.R 91.411  
 Tested to: 20h ft. W.O. #: 7094

**Precision Static Testing FAA CRS# QJAR856X**

**PILOT / FIRST OFFICER / STAND-BY**

MAKE: CIRRUS  
MODEL: SR-22  
S/N: 0124  
REG. NO: 812DW  
WORK ORDER:  
5749-08-2012



## High Performance Aircraft, Inc.

1850 JOE CROSSON DRIVE  
El Cajon, CA 92020  
Phone: 858-576-5000

DATE: 8/17/2012  
A/C TSN:  
HOBBS: 1504.5

### Airframe Entries

REPLACED ROLL TRIM MOTOR ASSY WITH OVERHAULED P/N 12546-003, S/N H1215/950 PER CIRRUS SR-22 M/M 27-10, INSTALLED AND SAFETIED LEFT AILERON AS ILLUSTRATED IN M/M 57-50, ROLL TRIM OPERATION IS NORMAL AT THIS TIME

---

DATE: 8/17/2012

SIGNED:

A handwritten signature in black ink, appearing to read 'Dan Salzman', is written over a horizontal line.

Dan Salzman, A&P: 522649825 A&P/IA

Work Order: 5749-08-2012

Printed by EBis 3 (datcomedia.com)

Coastal Valley Aviation, Inc.

AIRFRAME

3119 Liberator St.

DATE: 10/30/2012

Santa Maria, CA 93455

N812DW

(805)928-7701

Hobbs: 1539.6

Cirrus SR22 S/N 124

TTAF: 1539.6

1. C/W SB 2X-05-01 Brake O-rings by replacement of o-rings & installed brake temperature stickers, bled brakes & serviced w/H5606
2. C/W SB 2X-32-19R2 Nose Gear Inspection by inspection
3. C/W FAR 91.207(d) ELT by visual & operational inspection  
**Next due: 12 mo.**
4. Replaced induction air filter& end cap assy w/new
5. Adjusted flap 50% proximity switch IAW Cirrus Maint. Manual
6. Centered forward heat exchanger ball joint clamp & secured
7. Reseated EGT probes for full engagement & secured
8. Adjusted forward RH engine mount heat shield to prevent interference with #3 exhaust riser
9. Adjusted forward engine baffle to prevent chafing on #5 cylinder intake
10. Adjusted LH exhaust collector to riser spring tension
11. Adjusted fuel pump inlet hose to prevent chafing
12. Replaced all nose gear pucks w/new
13. Adjusted nose wheel steering tension IAW Cirrus Maint Man.
14. Replaced nose gear bumper w/new
15. Re-torqued upper puck pan bolt per Cirrus Maint Man.
16. Secured pitch trim servo bridal calbe to prevent chafing
17. Installed wide area washer on fwd baffle attach bolts
18. Re-torqued & secured RH elevator hinge hardware
19. Replaced 3 main gear fairing well nuts w/new
20. Installed "no push" placards on rudder

I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Richard Holder A&P5706334691A

LA QUINTA AIR SERVICES INC.  
ENGINE LOGBOOK ENTRY

N812DW 10/31/12 HOBBS TIME: 1542.7 HOURS

CONTINENTAL IO-550-N, S/N 685867

ADJUSTED THE MAGNETO TIMING FROM 20 DEGREES BTC TO 22 DEGREES BTC.  
INSTALLED A NEW TIMING PLUG CRUSH GASKET P/N MS35769-11 AND  
RESAFETIED. OPERATIONAL CHECKS PERFORMED.

Signed James Currier W.O. # 3849

FAA Repair Station LQ6R171N

LA QUINTA AIR SERVICES INC.

THERMAL, CA 92274

LA QUINTA AIR SERVICES INC.  
AIRFRAME LOGBOOK ENTRY  
N812DW 11/6/12 HOBBS TIME: 1544.4 HOURS  
CIRRUS SR22, S/N 0124

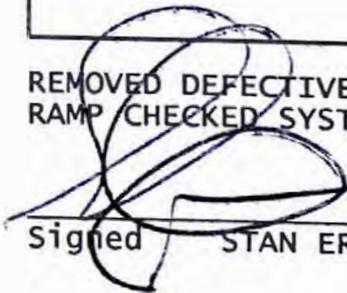
REPLACED THE #1 ALTERNATOR WITH AN OVERHAULED EXCHANGED UNIT BY "AERO ACCESSORIES, INC", VAN NUYS, CA. REMOVED ALTERNATOR P/N 646843, S/N 001JA015, INSTALLED ALTERNATOR P/N 646843, S/N H259504.0R. RECHARGED AND REINSTALLED THE AIRCRAFT BATTERY. REPLACED 5 EACH ENGINE COMPARTMENT FUEL FLEXIBLE HOSES WITH NEW TSO c 53 a TYPE D HOSES P/N'S 124F001-4CR0072, 124F003-4CR0106, 124F002-4CR0140, 124F002-6CR0090, AND 124F012E0170C180. ENGINE RUN UP AND LEAK CHECKS PERFORMED.

Signed James Currier W.O. # 3850  
FAA Repair Station LQ6R171N  
LA QUINTA AIR SERVICES INC.  
THERMAL, CA 92274

WESTERN AVIONICS, INC. 19300 IKE JONES RD. SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1534 01-August-2013 WO# 232360 REF# 232360 HOBBS 1696.0  
N812DW S/N 0124 CIRRUS SR22

Pg 1 / 1

REMOVED DEFECTIVE CENTURY HSI 52D189 (S/N: 556A) AND INSTALLED OVERHAULED 52D189 (S/N: 761A).  
RAMP CHECKED SYSTEM IN ACCORDANCE WITH MANUFACTURER'S SPECS.

Signed  STAN ERICKSON

Date 7/25/13

MAKE: Cirrus Design Corp.  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 26553



**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 7/15/2013  
A/C TSN:  
HOBBS: 1693.5

### Airframe Entries

Ground test run found #2 alternator operation normal at this time. Replaced #2 FCM, ground test run normal.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 7/15/2013

SIGNED:

  
Richard Sanchez  
Certified Repair Station No. Z5SR421Y

Work Order: 26553

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DATE: 11/10/2013

1 of 2

HOBBS: 1756.7

MAKE: Cirrus

MODEL: SR-22

REG NO: N812DW

AIRFRAME/ENGINE ENTRIES:

1. Airframe inspected IAW an Annual/100 hr inspection as per FAR 43 appendix D.
2. Checked ELT per FAR 91.207(d), ELT Battery next due OCT 2016. Next ELT inspection due 11/2014
3. Replaced induction air-filter element and end cap with Brackett Filter assembly BA111.
4. C/W SB 2X-05-01 Brake O-rings by replacement of O-rings and installed brake temperature stickers, bled brakes and serviced with 5606 as required.
5. Replaced the no.1 Alternator with new Plane-Power C28-150 Alternator.
6. Replaced both MLG tires and tubes with Goodyear Flight Custom III 15x6.0-6 tires & Aero Class tubes 15/600-6.
7. Replaced all MLG brake linings with Rayco RA066.
8. Installed Overhauled Navigation Situation Display unit with P/N 52D189 & S/N 510A.

9. Replaced all 12 spark plugs with Tempest URHB32E.
10. Replaced all valve/rocker cover gaskets with new gaskets P/N SA632459.
11. C/W SB2X-24-03 Master Control Unit sealing and application of corrosion inhibitor.
12. Changed Oil and Filter with 7 qts Aeroshell W100 with Camguard. Installed new filter P/N CH48109. Cut open filter and inspected for metal, no contamination noted. Oil sample sent to Blackstone Labs for analysis.
13. Ran engine, leak check and operational check good. Returned to service.
14. All AD's and SB's checked to date.
15. RH cabin door strut replaced with new strut P/N 18200-003
16. Replaced No.2 batteries
17. Cylinder Compression readings: 1/76 2/78 3/76 4/74 5/77 6/76

I certify that this aircraft was inspected IAW an Annual Inspection per FAR 43 appendix D and using the Cirrus maintenance manual as a guide and was determined to be in an airworthy condition and is approved for return to service.

JAMES R SILVERMAN A&P3228731IA

A handwritten signature in blue ink, appearing to read 'James R Silverman', is written over the printed name.

PROPELLER INSPECTION ENTRY

N812DW 11/10/2013 HOBBS: 1756.7 ACTT 1756.7

Propeller: Hartzell PHC-J3YF-1RF S/N FP1521B

I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition and is approved for return to service.



**James R Silverman / A&P3228731IA**

MAKE: CIRRUS DESIGN  
CORP  
MODEL: SR22  
S/N: 0124  
REG. NO: 812DW  
WORK ORDER:  
14708-11-2013

## Foothill Aircraft Sales & Service, Inc.

Repair Station No. AJ4R052M  
1749 W 13Th St  
Upland, CA 91786  
Phone: 909-985-1977

DATE: 11/19/2013  
A/C TSN:  
HOBBS: 1766.4

### Airframe Entries

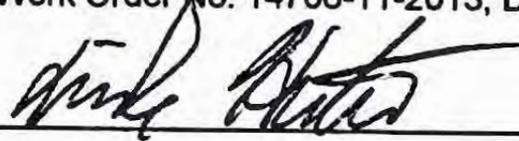
(1) COMPLY WITH SB 2X-27-16 R2 GROUP "A" BY INSTALLING KIT PART NUMBER 70255-001.

### Maintenance Release

I certify that the AIRCRAFT 812DW was inspected/ repaired in accordance with the manufactoures maintenance manual and current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 14708-11-2013, Dated 11/19/2013.

DATE: 11/19/2013

SIGNED:



Work Order: 14708-11-2013

Mike Hartman  
Certified Repair Station No. AJ4R052M

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MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: 812DW  
WORK ORDER:  
24586-11-2013



### Howard Aviation, Inc.

Repair Station No. TO3R874L  
1401 Fairplex Drive  
La Verne, CA 91750  
Phone: 909-593-2596

DATE: 11/11/2013  
A/C TSN:  
HOBBBS: 1758.5

### Airframe Entries

Removed GNC 420 P/N 011-00506-10, S/N 97202147, replaced memory battery and reinstalled.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Howard Aviation, Inc. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 24586-11-2013.

DATE: 11/11/2013

SIGNED:

A handwritten signature in black ink, appearing to read "Robin Howard", is written over a horizontal line.

Robin Howard  
Certified Repair Station No. TO3R874L

Work Order: 24586-11-2013

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# INSPECTION RECORD

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: Shop  
WORK ORDER:  
0411-09-2014

## Desert Jet Maintenance

56850 Higgins Drive  
Thermal, Ca 92274

DATE: 9/20/2014  
A/C TSN: 1892 3  
HOBBS: 1892 3

### Airframe Entries

(21) 9-20-14

Performed Prop Tracking inspection IAW the Hartzell Propeller MM 115N. No defects noted.

### Maintenance Release

The aircraft and/or component(s) on Shop was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0411-09-2014, Dated 9/20/2014

DATE: 9/20/2014

SIGNED: 

Work Order: 0411-09-2014

JeffK, A&P. 514887945

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MAKE: Cirrus Design Corp.  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 27219



**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 10/10/2014  
A/C TSN:  
HOBBS: 1895.2

## Airframe Entries

Ground test run found ALT2 operational per ammeter and annunciator light between 1600 and 1850 rpm, above or below that engine speed no output indicated. Replaced previously installed used current sensor with new and re inspected circuit board and connectors with no change in operation noted. Temporarily installed known good alternator with same results. Re installed original alternator.

\* MCU replacement may be required to correct problem.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 10/10/2014

SIGNED:

Richard Sanchez  
Certified Repair Station No. Z5SR421Y

Work Order: 27219

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Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 8AAR592Y  
LOG ID# 1676 11-December-2014 WO# 1855 AC TT 1910.5  
N812DW S/N 0124 CIRRUS DESIGN CORP SR22

Pg 1 / 1

The Transponder System was inspected and was found to comply with FAR 91.413 and Appendix F of FAR 43.

Transponder Model No. GTX 327 Serial No. 83706723  
Test Equipment used : ATC 601-2 S.N. 6616 Date of cal 01/26/2014

Signed

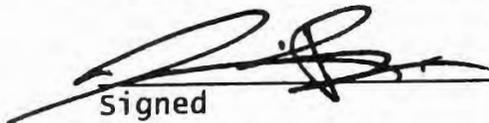
Date

 12.11.14

**Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 8AAR592Y**  
**LOG ID# 1676 12-December-2014 WO# 1855 AC TT 1912.0**  
**N812DW S/N 0124 CIRRUS DESIGN CORP SR22**

**Pg 1 / 1**

Upon inspection found fitting loose. Tightened fitting.  
The Altimeter(s), static system, Transponder(S) and encoder were inspected upto 20,000 Ft. and were found to comply with FAR 91.411 and 91.413 and Appendix E and F of FAR 43.  
Test Equipment used 1811H-161 S.N. 868 Date of CAL 01/21/2014  
ATC 601-2 S.N. 6616 Date of Cal 01/26/2014  
Altimeter P.N. 5934D-3 S.N. 435846  
Transponder P.N. GTX 327 S.N. 83706723

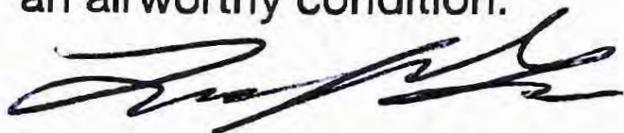
 12.12.14  
Signed Date

Date: 12/11/14  
Hobbs: 1910.5

Registration: N812DW  
Make/Model: Cirrus SR-22 S/N 0124

1. Inspected airframe IAW an Annual inspection per FAR 43 appendix D.
2. Checked ELT per FAR 91.207(d). ELT battery due OCT 2016. Next ELT inspection due 11/2015
3. Replaced induction air-filter element and end cap with Brackett Filter assembly BA111
4. Complied with SB 2X-05-01 Brake O-rings by replacement of O-rings and installed brake temperature stickers. Bled brakes and serviced with 5606 as required. Brake calipers ops and leak check good. Next due: on condition.
5. Replaced both MLG tires with Goodyear Flight Custom III 15X6.0-6 tires. Replaced tubes with Aero Class tubes 15/600-6
6. Changed oil and filter with 7 qts Aeroshell W100 with Camguard. Installed new filter P/N CH48109. Opened filter to inspect for metal. No contamination noted. Oil sample checks good.
7. Engine ops check and leak checks good.
8. Compression readings: 1-78, 2-78, 3-80, 4-78, 5-78, 6-78.
9. Checked AD's and SB's to date.
10. Rebuilt Pilot and Co-pilot L/H master cylinders. Brakes ops & leak check good.

I certify this aircraft was inspected IAW an Annual Inspection per FAR 43 appendix D and the Cirrus SR22 maintenance manual as a guide and is determined to be in an airworthy condition.



Lawrence J Gase 3658471 IA

Date: 3/2/15

Hobbs: 1924.6

Make/Model: Cirrus SR22

Registration N812DW

Removed Battery P/N G-243 S/N G02665744 Installed New  
Battery P/N G-243 S/N G02859197 IAW Cirrus MM CH 24-30,  
Battery ops check good.

This aircraft has been inspected and or repaired as outlined above  
in accordance with current FARs and was found Airworthy for  
return to service.

A handwritten signature in black ink, appearing to read 'Lawrence J Gase', written in a cursive style.

Lawrence J Gase 3658471 IA

Date: 4/15/15

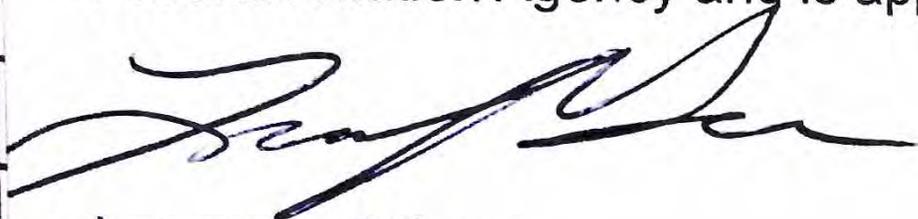
Hobbs: 1940.3

Make/Model: Cirrus SR22 S/N 0124

Registration N812DW

Removed Starter and Starter Adapter P/N 642083A10 S/N T9257. Installation of S539800M030 Starter adapter spring accomplished by Tim's Aircraft Engine INC CRS#T22R537Y on FAA form 337 dated 4/10/15 No weight and balance change. Installed repaired starter adapter IAW Cirrus SR22 Airplane Maintenance Manual Chapter 80-10. Starter repaired by Tim's Aircraft Engine INC CRS#T22R537Y on repair order 9257 on 4/10/15. Starter ops check good.

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.



Lawrence J Gase

365871IA

Date: 4/23/15

Hobbs: 1949.9

Make/Model: Cirrus SR22 S/N 0124

Registration N812DW

Changed oil and filter P/N CH48109. Added 7 qts Aeroshell W100 with camgaurd. Cut open filter and inspected for metal. No metal found. Work done IAW Cirrus AMM CH 12-10. Engine ops check and leak check good.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.



Lawrence J Gase

365871IA

MAKE Cirrus  
MODEL SR-22  
S/N 0124  
REG NO N812DW  
WORK ORDER 0634-07-2015

### Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE: 7/16/2015  
A/C TSN: 1963.1  
HOBBS: 1963.1

### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.... Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No Damage Noted.
- 2 Customer request replacement of RH MLG tire inner tube.... Removed wheel fairing. Removed wheel assembly from aircraft. Deflated tire and remove defective inner tube. Installed new inner tube P/N TU 15/600-6 ACL. Re-assembled wheel assembly. Re-installed wheel assembly on aircraft. Adjusted tire pressure accordingly. Leak checked good. All done IAW Cirrus SR22 AMM 32-41.
- 3 Customer Requests Servicing Of Portable Oxygen Bottle.... 7/16/15 Serviced Portable Oxygen Bottle IAW SkyOx O2 Bottle Care & Use Guide.

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0634-07-2015, Dated 7/16/2015.

DATE: 7/16/2015

SIGNED:

Max J. Vivacharawongse  
Certified Repair Station No. 1DJR318M

Work Order: 0634-07-2015

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 0634-07-2015



## Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE: 7/17/2015  
A/C TSN: 1964.8  
HOBBS: 1964.8

### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.... Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No Damage Noted.
- 4 Customer request left and right brake change.... Removed left and right brake assembly, removed worn brake linings from brake back plate and installed new brake linings on both left and right brake back plate with new rivets. Brake lining P/N RA66-105 Rivets P/N RA1405-002. Re-installed brake back plates with new linings in to brake assembly. Brake ops checked good. All work done IAW Cirrus AMM 32-42

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0634-07-2015, Dated 7/17/2015.

DATE: 7/17/2015

SIGNED:

Max J. Vivacharawongse  
Certified Repair Station No. 1DJR318M

A handwritten signature in blue ink, appearing to read "Max J. Vivacharawongse".

Work Order: 0634-07-2015

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 0644-07-2015



**Desert Jet Maintenance**

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE: 7/31/2015  
A/C TSN: 19901  
TACH: 19901

**Airframe Entries**

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.... Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No Damage Noted.
- 2 Aircraft Oil Change Due.... Drained oil, removed oil filter. Added 8 qts of Aeroshell W100 and installed new filter P/N CH48109. Engine ops and leak checked good. IAW Cirrus AMM 12-10.
- 3 Com #1 weak and unreadable at times.... Removed bottom antenna P/N CI122 S/N 1090897 and installed new antenna AV17 11-12700. SN-UNKNOWN. ops checked good. IAW Cirrus AMM 23-10

**Maintenance Release**

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0644-07-2015, Dated 7/31/2015.

DATE: 7/31/2015

SIGNED:

Max J. Vivacharawongse  
Certified Repair Station No. 1DJR318M

Work Order: 0644-07-2015

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 0782-12-2015



## Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE: 1/6/2016  
A/C TSN: 2037.5  
HOBBS: 2037.5

### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.... Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No Damage Noted.
- 2 Annual inspection per Cirrus AMM.... Accomplished Annual Inspection IAW Cirrus AMM CH 5-30. Removed and replaced oil filter P/N CH48109-1... Serviced with 8 Qts of Aeroshell W100 IAW Cirrus MM CH 79-00. Removed and replaced air filter with new P/N BA-24 IAW Cirrus MM CH 71-60... Compression Checks... #1/72, #2/72, #3/74, #4/74, #5/74, #6/74. Engine Model IO-550-N S/N 685867 A/C TT 2037.5 Engine TT 2037.5
- 3 Both brake caliper temp stickers black... Removed and disassembled both brake calipers, Cleaned/Inspected and reassembled with new o-rings P/N M83461/1-222 Installed new temp stickers P/N 51698-001, P/N 51698-003. Reinstalled on aircraft and pressure bled, All work performed IAW Cirrus MM CH 32-42. Taxi/Leak check good at this time.
- 4 Crank-shaft seal leaking... Removed prop, Removed and replaced crank-shaft seal with new seal P/N SA641250, Reinstalled Prop with new o-ring P/N C-3317-228. IAW Cirrus MM CH 61-10. Ops/Leak Check good at this time.
- 5 Comm#1 not receiving and transmitting well, has static and often time not readable. Antenna has already been replaced.... Upon inspection found GNS430 NAV/COM not seated properly. Seated unit properly. Confirmed #1 Com antenna was bonded properly. All work performed by Affordable Avionics under WO 2420
- 6 Forward Baffle broken... Repaired forward baffle IAW Cirrus MM CH 20-00
- 7 Pilot door seal falling off... Resecured pilot door seal IAW MM CH 20-00.
- 8 Prop has multiple nicks... Dressed prop IAW Cirrus MM CH 61-00
- 9 L/H inboard wing nut plate missing... Installed original nut plate IAW Cirrus MM CH 57-30.

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0782-12-2015, Dated 1/6/2016.

DATE: 1/6/2016

SIGNED:

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 0782-12-2015

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR-22  
S/N 0124  
REG NO N812DW  
WORK ORDER: 0825-02-2016

### Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE 2/1/2016  
A/C TSN 2044  
HOBBS 2044

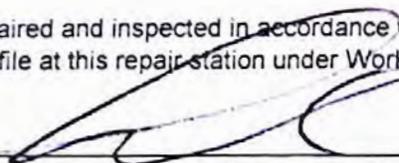
#### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3 .  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No  
Damage Noted.
- 2 Compass is leaking... Removed and resealed magnetic compass. Reinstalled IAW Cirrus MM 34-20. Ops check/leak check good. Kit P/N on/off 10-08000

#### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0825-02-2016, Dated 2/1/2016.

DATE: 2/1/2016

SIGNED: 

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 0825-02-2016

Printed by EBis 3 (datcomedia.com)

DATE 3/7/2016  
A/C TSN 2061  
HOBBS 2061

MAKE Cirrus  
MODEL SR-22  
S/N 0124  
REG NO N812DW  
WORK ORDER 0869-02-2016

### Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

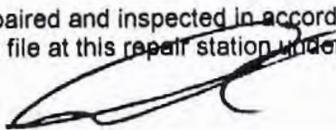
#### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3....  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No  
Damage Noted.
- 2 C/W 500 HR on both magneto's... Removed both magnetos and sent out for 500HR magneto inspection to Aero Accessories under W/O 41616/41617.  
Reinstalled magnetos IAW Continental IO-550N EMM. Ops check good at this time
- 3 Nose wheel shimmy on landing... Adjusted nose steering castor IAW Cirrus SR22 MM CH 32-20. Ops/Taxi check good at this time

#### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0869-02-2016, Dated 3/7/2016.

DATE: 3/7/2016

SIGNED: 

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 0869-02-2016

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR-22  
S/N: 0124  
REG NO: N812DW  
WORK ORDER: 0950-05-2016

## Desert Jet Maintenance

Repair Station No. 1DJR318M  
56850 Higgins Drive  
Suite 102  
Thermal, Ca 92274

DATE 5/26/2016  
A/C TSN 20976  
HOBBS 20976

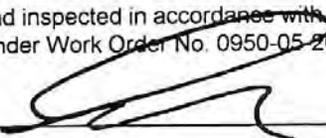
### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3...  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No  
Damage Noted.
- 2 Landing Light INOP... Installed LoPresti STC #SA02279AT using Master Drawing list Report No. 43 Dated 28 May, 2015/ LSM-500-025 See FAA Form 337  
Dated 5/26/16 Removed and replaced landing light ballast and lamp IAW STC #SA02279AT
- 3 Manifold pressure gauge is erratic... Removed manifold pressure gauge and cleaned orifice/connections, Reinstalled ops checks good on ground IAW Cirrus  
SR 22 AMM CH 77-10
- 4 Localizer fails to capture... Removed GNS 430 and installed loaner GNS 430 for troubleshooting, Sending out GNS 430 for repair. IAW Cirrus SR 22 AMM CH  
34-00 All work performed by Affordable Avionics. P/N OFF 011-00280-00, S/N OFF 96308828 P/N ON 011-00280-10, S/N ON 97106278

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service  
Pertinent details of the repair are on file at this repair station under Work Order No. 0950-05-2016, Dated 5/26/2016.

DATE: 5/26/2016

SIGNED: 

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 0950-05-2016

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 1256-01-2017



## Desert Jet Maintenance

Repair Station No. 1DJR318M  
56-600 Invader  
Thermal, Ca 92274

DATE: 1/11/2017  
A/C TSN: 2183.1  
HOBBS: 2183.1

### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3...  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No  
Damage Noted.
- 2 Perform Annual Inspection... Accomplished Annual Inspection IAW Cirrus AMM CH 5-30....Compression Checks... #1/74,#2/74,#3/74,#4/ 75,#5/74,#6/75.  
Engine Model IO-550-N S/N 685867 A/C TT 2183.1 Engine TT 2183.1

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1256-01-2017, Dated 1/11/2017.

DATE: 1/11/2017

SIGNED:

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 1256-01-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 1256-01-2017



### Desert Jet Maintenance

Repair Station No. 1DJR318M  
56-600 Invader  
Thermal, Ca 92274

DATE: 1/11/2017  
A/C TSN: 2183.1  
HOBBS: 2183.1

#### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3....  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No ,  
Damage Noted.
- 2 Perform Annual Inspection... Accomplished Annual Inspection IAW Cirrus AMM CH 5-30....Compression Checks... #1/74,#2/74,#3/74,#4/ 75,#5/74,#6/75.  
Engine Model IO-550-N S/N 685867 A/C TT 2183.1 Engine TT 2183.1

#### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.  
Pertinent details of the repair are on file at this repair station under Work Order No. 1256-01-2017, Dated 1/11/2017.

DATE: 1/11/2017

SIGNED:

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 1256-01-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp.  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 17-1024

**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 4/14/2017  
A/C TSN:  
HOBBS: 2205 9

**Airframe Entries**

Replaced RH aileron gap seal, P/N 14390-003, IAW Cirrus SR22 AMM Section 57-50 para. E.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

DATE: 4/14/2017

SIGNED:



Work Order: 17-1024

Michael Rogers  
Certified Repair Station No. Z5SR421Y

Printed by EBis 3 (datcomedia.com)

MAKE Cirrus  
MODEL SR-22  
S/N: 0124  
REG NO N812DW  
WORK ORDER 1354-03-2017



## Desert Jet Maintenance

Repair Station No 1DJR318M  
56-600 Invader  
Thermal, CA 92774

DATE 3/22/2017  
A/C TSN 21994  
HOBBS 21994

### Airframe Entries

- 1 Accomplish preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3....  
Accomplished a preliminary inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3. No  
Damage Noted.
- 2 Avgas Smell In Cockpit... Inspected cockpit fuel lines and fuel selector assembly. No defects found
- 3 RH Brake Temperature Indication Is Tripped... Rebuilt fuel brake assembly. Oring PN off/on MS28775-222. Work performed IAW Cirrus SR-22 AMM CH 32-42
- 4 Garmin 430 GNS COM Weak... Removed antenna and checked security of the coax connection. No defects noted. Work performed IAW Cirrus SR-22 AMM  
CH 23-00
- 5 MFD "Flickering" During Flight... Inspected and cleaned MFD electrical connections, found no defects. Ops check good. Work done IAW Cirrus SR22T AMM  
32-60

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.  
Pertinent details of the repair are on file at this repair station under Work Order No. 1354-03-2017, Dated 3/22/2017.

DATE: 3/22/2017

SIGNED:

Colin Jameson  
Certified Repair Station No 1DJR318M

Work Order: 1354-03-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG NO: N812DW  
WORK ORDER: 0200-05-2017



### Desert Jet Maintenance

56600 Invader  
Thermal, CA 92274  
Phone: 760-391-5702

DATE: 5/10/2017  
A/C TSN 2218  
TACH:

#### Airframe Entries

- 1 Accomplished Preliminary Inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.
- 2 Arrived at aircraft and evaluated tire. Determined only a tube will be required. R&R RH main tire tube PN on/off 302-246-401 IAW Cirrus SR22 AMM 32-41. Leak check good.
- 3 Travel time to riverside airport and aircraft spruce to pickup part.

Technicians Who Worked On The Items Listed Above:  
Branden Dewyer

Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0200-05-2017, Dated 5/10/2017.

DATE: 5/10/2017

SIGNED:   
Branden Dewyer CRS#1DJR318M

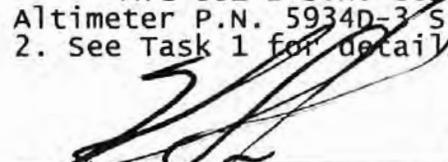
Work Order: 0200-05-2017

Printed by EBis 3 (datcomedia.com)

Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 8AAR592Y  
LOG ID# 3494 21-November-2017 WO# 3732 AC TT 2289.2  
N812DW S/N 0124 CIRRUS DESIGN CORP SR22

Pg 1 / 1

1. Upon inspection found Static system leak aft of aircraft. Located cracked nylon nut at tee, running to Static Ports; union was not sealed properly. Replaced nut and sealed properly. Upon further inspection found nylon tee at Alt. Encoder leaking. Replaced tee and tygon tubing. The Altimeter(s), static system, Transponder(S) and encoder were inspected upto 25,000 Ft. and were found to comply with FAR 91.411 and 91.413 and Appendix E and F of FAR 43.  
Test Equipment used DPST-8000M S.N. 040115-96 Date of Cal 05/26/2017  
ATC 601-2 S.N. 6616 Date of Cal 01/17/2017  
Altimeter P.N. 5934D-3 S.N. 435846 Transponder P.N. GTX 327 S.N. 83706723  
2. See Task 1 for details.

  
Signed 8AAR592Y

21 NOV 2017  
Date

MAKE: Cirrus Design Corp.  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 17-1411



## American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 10/13/2017  
A/C TSN:  
HOBBS: 2284.2

### Airframe Entries

Replaced Pilot's Push-To-Talk switch with new, P/N 50339-001 IAW Cirrus SR22 AMM, Chapter 27-10. Operational check good.

---

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

DATE: 10/13/2017

SIGNED:

A handwritten signature in blue ink, appearing to read 'Michael Rogers', written over a horizontal line.

Work Order: 17-1411

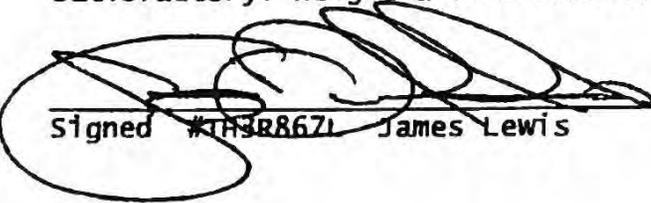
Michael Rogers  
Certified Repair Station No. Z5SR421Y

Printed by EBis 3 (datcomedia.com)

Airtronics 12380 Airport Rd Hangar 6 Martell, CA 95249  
LOG ID# 3550 11-January-2018 AC TT 2303.6  
N812DW S/N 0124 CIRRUS DESIGN CORP SR22

Pg 1 / 1

Removed Navigation Situation Indicator P.N. 52D189, Flux Detector P.N. FD01-0301-1 and Gyro Slaving Amp P.N. 1C714. Installed G5 Electronic Flight Instrument with GMU 11 and GAD 29B in accordance with STC SA01818WI. FAA form 337 for details. Post installation ground check carried out satisfactory. Weight and Balance and Equipment list updated.

  
Signed #TFR8671 James Lewis

01-11-18  
Date

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 0652-01-2018



## Desert Jet Maintenance

56600 Invader  
Thermal, CA 92274  
Phone: 760-394-8500

DATE: 2/1/2018  
A/C TSN:  
TACH:

### Airframe Entries

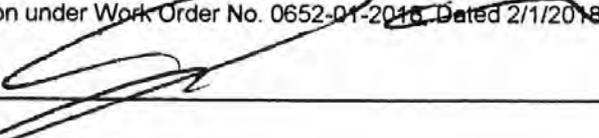
- 1 Accomplished Preliminary Inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.
- 2 Accomplished annual inspection IAW Cirrus AMM CH 05-30.  
Removed and replaced air filter with new P/N BA-24 IAW Cirrus MM 71-60-00.  
Serviced with 8 quarts f Aeroshell W100 IAW Cirrus AMM Ch79-00-00.  
Compression Checks #1/71 #2/71 #3/72 #4/72 #5/73 #6/ 72.  
engine Model OI-550-N SN 685867.  
Complied with anual inspection of propeller IAW Hartzell service manual and FAR part 43, D.
- 3 Dressed Prop IAW Hartzell Service manual
- 4 Removed and disassembled both brake calipers, cleaded inspected and installed new o-rings (PN M83461/1-22) and new temp stickers. Reinstalled calipers. leak check good.

Technicians Who Worked On The Items Listed Above:  
Matthew Arredondo, Mike Horan

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.  
Pertinent details of the repair are on file at this repair station under Work Order No. 0652-01-2018. Dated 2/1/2018

DATE: 2/1/2018

SIGNED: 

Work Order: 0652-01-2018

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER: 0708-02-2018



## Desert Jet Maintenance

Repair Station No. 1DJR318M  
56600 Invader  
Thermal, CA 92274  
Phone: 760-394-8500

DATE: 2/16/2018  
A/C TSN: 2325.4  
HOBBS: 2325.4

### Airframe Entries

- 1 Accomplished Preliminary Inspection in accordance with FAR145.211 Section (C) (1) (ii) and the Desert Jet Maintenance repair station manual form 3.
- 2 Removed and replaced all brake linings with new Rayco RA066 IAW Cirrus SR22 AMM CH 32-40. Ops check good.
- 3 Removed and replaced Battery with new IAW Cirrus AMM CH 24-30, P/N OFF G-243, S/N OFF 02665744, P/N ON G-243LT, S/N ON G02991369. Top charged Battery, Ops check good.

Technicians Who Worked On The Items Listed Above:  
Mike Horan

### Maintenance Release

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0708-02-2018, Dated 2/16/2018.

DATE: 2/16/2018

SIGNED:

Mike Horan  
Certified Repair Station No. 1DJR318M

Work Order: 0708-02-2018

Printed by EBis 3 (datcomedia.com)



## Log Book Entry

March 11, 2019

56600 Invader  
Thermal, CA 92274  
United States

Telephone: 760-394-8500

Fax: 760-406-4890

**Registration #:** N812DW

**Total AC Time:** 2,375.7

**Total AC Cycles:**

**Manufacturer:** Cirrus

**Part/Model number:** SR-22

**Aircraft Serial Number:** 124

**Work Order No:** DJM WO-462

**Date:** 03/11/2019

### Squawk

- 1.1** Accomplished Preliminary Inspection in accordance with FAR145.211 section (C) (1) (ii) and the Desert Jet Maintenance Repair Station Manual form 3.
- 1.2** Performed annual inspection IAW Cirrus AMM CH 5-30. Compression checks #1/74, #2/72, #3/74, #4/74, #5/74, #6/74 Engine model IO-550-N S/N 685867. Enige TT 2375.7

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number DJM WO-462.

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta9897-12-2019

## Gryphon Aircraft Services, LLC.

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

DATE: 2/5/2020  
A/C TSN:  
HOBBS: 2488.5

### Airframe Entries

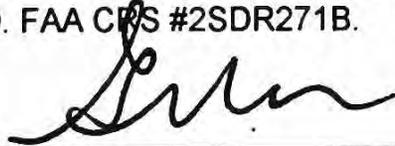
Installed GDL 82 S/N 4PF006854. IAW GDL installation manual 190-01810-00 Rev 5. Installed Antennae P/N 013-00235-00 S/N 181143... Installed with approved data from STC SA02573SE as per FAA Policy Memorandum for Approval of ADS-B Out Systems. Installed a Garmin GA35 WAAS Antenna on top of fuselage IAW STC SA01695SE. See 337 this date for details. Revised Weight and Balance records.... Installed portable GDL 52 in Aircraft, Ops check o.k.... Installed Stratus USB with a 2A circuit breaker in the avionics rack. Tested ok.... Removed Arnav & Garmin 496. Installed Ipad mount.... Replaced battery #1.... Com #1 squelch was wide open. Engaged auto squelch. Tests ok.... Replaced L/H aileron gap seal IAW Cirrus AMM Section 57-50.... Removed all six pucks and bumper from nose gear assembly, cleaned, prepped, and installed new pucks and bumper IAW Cirrus MM.... Replaced Co-pilot seat stop with correct hardware.... Removed old tape from both wing root fairings. Re bonded wing root fairings IAW cirrus AMM.... Drained left fuel tanks, Removed inboard fuel level sending unit, Cleaned and inspected, Reinstalled using a new gasket, Torqued hardware to spec, Refuel left wing, leak checked with no leaks noted.... Replaced 5 rivets on nose gear fairing hinge assembly.

---

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. 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. Murrieta9897-12-2019. FAA CFS #2SDR271B.

DATE: 2/5/2020

SIGNED:



Work Order: Murrieta9897-12-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta9897-12-2019

## Gryphon Aircraft Services, LLC.

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

DATE: 2/5/2020  
A/C TSN:  
HOBBS: 2488.5

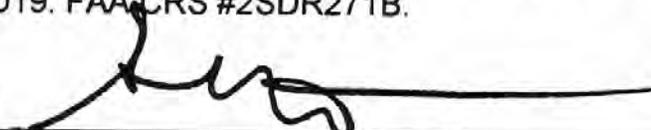
### Avionics Entries

Installed GDL 82 S/N 4PF006854. IAW GDL installation manual 190-01810-00 Rev 5. Installed Antennae P/N 013-00235-00 S/N 181143...Installed with approved data from STC SA02573SE as per FAA Policy Memorandum for Approval of ADS-B Out Systems. Installed a Garmin GA35 WAAS Antenna on top of fuselage IAW STC SA01695SE. See 337 this date for details. Revised Weight and Balance records.

---

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. 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. Murrieta9897-12-2019. FAA CRS #2SDR271B.

DATE: 2/5/2020

SIGNED: 

Work Order: Murrieta9897-12-2019

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| | |

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta9994-02-2020

## Gryphon Aircraft Services, LLC.

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

DATE: 4/1/2020  
A/C TSN:  
HOBBS: 2488.5

### Avionics Entries

Performed pitot-static inspection FAR 91.411 and 413 certs IAW FAR 43 Appendix E.

ALTIMETER AND STATIC SYSTEMS REQUIRED BY F.A.R. 91.411.  
F.A.R. Part 43 Appendix E: PERFORMED ON THIS AIRCRAFT.

DATE 4/1/2020

CERTIFIED TO: 20K FEET

TYPE: ADC ALT ENC POSITION ACK 130.4

MODEL Un. Fid

S/N 435846

CERT ONLY: [Signature] REG# N812DW

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# Murrieta9994-02-2020

MANUF: Gar MODEL GTY 327 S/N 8376623

Date: 4/1/2020 INSPECTOR [Signature] for 2SDR271B

DATE: 4/1/2020

SIGNED:

Work Order: Murrieta9994-02-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta9994-02-2020

## Gryphon Aircraft Services, LLC.

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

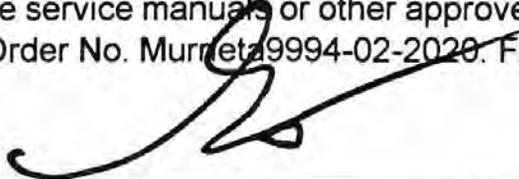
DATE: 4/1/2020  
A/C TSN:  
HOBBS: 2488.5

### Airframe Entries

Completed Annual 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 03/01/2025...SB2X-71-33 / SB1808B NA due to type of Cylinders Installed...SB2X-34-29 Pitot / TKS line routing - NA Not TKS equipped... C/W SB2X-28-15R1 - Fuel Pump Leakage Inspection, No Leaks At This Time... Performed A standard fiberglass repair to the left and right out board wheel pant attachment points.... Removed and replaced throttle cable IAW Cirrus AMM.... Replaced fire extinguisher.... Replaced right side rudder no push placard with new.... Removed pilot side RH master cylinder, cleaned prepped and resealed. Installed master cylinder IAW Cirrus AMM, Bleed and service brakes as required... Removed LH & RH brake calipers, Cleaned and inspected. Reinstalled using new packings and new temp stickers.... Replaced left and right brake disc and brake linings with new.... Replaced bottom cowl seals with new.... Replaced ELT battery with new, Next due for battery replacement 02/21/2025... Installed new nose tire IAW Cirrus AMM.... Replaced Reefing line cutters with new S/N's 16447 and 16377 Mfg. date 03/2020, REPLACE CUTTERS BY 03/2026  
Complied with SB 2X-95-12 CMM Line Cutters Rigging illustration error... Safety wired CAPS attaching hardware.... Installed new wheel faring bracket on RH main landing gear IAW Cirrus AMM.... CW Cirrus SB 2X-52-08R2 passenger and crew door catcher/diverter, Installed kit P/N 70542-001

I Certify that this AIRCRAFT has been inspected IAW and ANNUAL 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. Murrieta9994-02-2020. FAA CRS #2SDR271B.

DATE: 4/1/2020

SIGNED: 

Work Order: Murrieta9994-02-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta10116-04-2020

## Gryphon Aircraft Services, LLC.

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

DATE: 4/30/2020  
A/C TSN: 2500.2  
HOBBS: 2500.2

### Airframe Entries

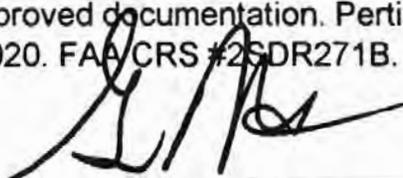
Removed original install IPAD doc and portable wiring. Reinstalled new flush IPAD doc...Fabricated bezel panel for panel interface and paint to panel black... Installed wiring connections to aircraft bus through circuit protection... Installed GDL-50 cable to connect to aircraft power with circuit protection fuse.... Replaced audio cable with new and interfaced with aircraft wiring... SiriusXM is available on GDL52 thru the Garmin Pilot app. Garmin Pilot Connex provide tuning for XM music.

---

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. 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. Murrieta10116-04-2020. FAA CRS #26SDR271B.

DATE: 4/30/2020

SIGNED:



Work Order: Murrieta10116-04-2020

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es.)

YEAR #0 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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MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
Murrieta10116-04-2020

**Gryphon Aircraft Services, LLC.**

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

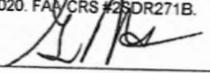
DATE: 4/30/2020  
A/C TSN: 2500.2  
HOBBS: 2500.2

**Airframe Entries**

Removed original install IPAD doc and portable wiring. Reinstalled new flush IPAD doc...Fabricated bezel panel for panel interface and paint to panel black... Installed wiring connections to aircraft bus through circuit protection...Installed GDL-50 cable to connect to aircraft power with circuit protection fuse.... Replaced audio cable with new and interfaced with aircraft wiring... SiriusXM is available on GDL52 thru the Garmin Pilot app. Garmin Pilot Connex provide tuning for XM music.

I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service. 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. Murrieta10116-04-2020. FAA CRS # 25DR271B.

DATE: 4/30/2020

SIGNED: 

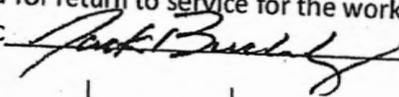
Work Order: Murrieta10116-04-2020

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**DATE 6-11-2020 N812DW, CIRRUS SR22, S/N 124, TACH 2523.7**

- Removed starter P/N 646275-1, S/N W-130141.
- Installed Sky-Tec starter P/N C24ST4, S/N 4C4-341503.

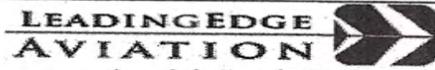
Approved for return to service for the work performed. Lawson Aero, LLC Afton, WY

Mechanic  A&P/IA 2827868

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration 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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7/21/20

Make: Cirrus  
Model: SR22  
Ser #: 0124  
Reg #: N812DW



Logan-Cache Airport (KLGU)  
900 W 2500 N, Logan, UT 84321  
435-752-5955

Tach Time: 2,539.1  
Total Time: 2,539.1

Removed remote switch and R/R battery, & updated W&B from previous starter change, & R/R o-rings on both wheel cylinders, & replaced temp sticker, & R/R L/H tail nav bulb, & timed panel so R/H control would not rub, & updated POH. Performed test run. All leak and ops checks good. No defects noted.  
The aircraft/engine/propeller identified above was inspected and/or repaired IAW current Federal Aviation Regulations and is approved for return to service.  
Pertinent details of the repair(s) are on file at this location.

Signature / Certificate #:  
Kim R. Hall A&P27937511A

*Kim R. Hall*

Date: 07/21/20

7/27/20



AIRFRAME LOG ENTRY  
N812DW - Cirrus SR22 S/N 0124  
Hobbs: 2557.4

- R/R #2 batteries with new P/N 50979-001 IAW SR22 AMM Ch. 24-30, batteries next due for replacement 7/2022.
- Cleaned manifold PSI connections as needed, op's check good on the ground.

All items were complied with per the manufacture's maintenance procedures. This aircraft/engine was determined to be in airworthy condition and is approved for return to service for work performed.

Date: 7/27/2020

Sign: *Josh Rock*

Josh Rock For CRS#IGXR989E WO#SH23189

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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11/9/20



Make: Cirrus  
 Model: SR-22  
 S/N: 0124

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

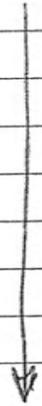
Date: 11/09/2020  
 N812DW  
 Hobbs: 2585.0

**Airframe Entry:**

Repaired cylinder #2 collector bolt hole. Installed repaired exhaust collector and elbow after repair made by Aerospace Welding Minneapolis, Inc., W/O #201269 and #201268. Operational check good. Details of this work are on file at this facility under work order LWO-13479. END.

Ryan McGee  
 A&P37867951A

NOTE PAGE



YEAR 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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12/11/20

**ADVANCED  
MAINTENANCE, LLC**

131 N. DuPont Highway  
New Castle, DE 19720  
Phone 302-324-9970  
CRS# 5VWR338D

Aircraft Registration:	N812DW
Aircraft Model:	SR22
Aircraft Serial Number:	0124
Hobbs Time:	2595.7
Work Order:	FAM0599-12-2020
Altitude Tested to:	N/A
Date Tested:	12/11/20

I certify that the ATC transponder tests and inspections required by FAR 91.413 have been found to be within the specified limits of the current version of 14 CFR Part 43 appendix F. The work was accomplished in accordance with the instructions for continued airworthiness, and with respect to the work performed, this article is approved for return to service. Pertinent details are on file at this repair station for the work order referenced above.

Transponder: \_\_\_\_\_ Make: GARMIN Model: GTX345 S/N: 3EG041031

[Signature]  
Signature  
1000 WILLIAMSON  
Name (Print or Type)

12/11/20  
Date

YEAR  
TO  
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.)

12/11/20

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
12910-11-2020

**Aero Ways, Inc.**

131 North DuPont Highway  
C/O Finance Department  
New Castle, DE 19720 USA  
Phone: 302-324-9970

DATE: 12/11/2020  
A/C TSN:  
HOBSB. 2595.7

**Airframe Entries**

REMOVED (1) GARMIN GNS430 GPS/NAV/COM, (1) GARMIN GNS420 GPS/COM, (2) GARMIN GA56 ANTENNAS, (1) S-TEC ST901 RECEIVER, (1) S-TEC ST901 ANNUNCIATOR SWITCH, (1) ELECTRIC ADI, (1) GARMIN GDL82 UAT ADSB TRANSMITTER, (1) GARMIN GMA340 AUDIO PANEL, AND (1) GARMIN GTX327 TRANSPONDER. INSTALLED (1) GARMIN GTN650Xi GPS/NAV/COM, (1) GARMIN GTN635Xi GPS/COM, (1) GARMIN OAT PROBE KIT, (1) GARMIN GA35 GPS WAAS ANTENNA, (1) GARMIN GAD13 INTERFACE, (1) GARMIN G5 ADI, (1) GARMIN GTX345 TRANSPONDER, (1) PS ENGINEERING PMA800CBT AUDIO PANEL, AND (1) GARMIN FLIGHT STREAM 510.

CORRELATION TEST WAS PERFORMED PER FAR 91.217. TRANSPONDER WAS TESTED IAW APPENDIX F TO COMPLY WITH FAR 91.413. SEE SEPARATE LOG ENTRY.

SYSTEM GROUND CHECK GOOD. WORK WAS PERFORMED IAW FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S INSTRUCTIONS. WEIGHT AND BALANCE AND EQUIPMENT LIST WAS REVISED. REFERENCE WAS MADE TO AC43.13-1B AND 2B, AS APPLICABLE. SEE AFMS'S AND FAA FORM 337'S DATED 12/11/2020 IN AIRCRAFT MAINTENANCE RECORDS FOR DETAILS OF THIS ALTERATION. FOR ICA'S REFERENCE THE FOLLOWING: GTX345 - GARMIN DOCUMENT P/N: 190-00734-11, REV 7, DATED 9-9-2019, SECTION 4, G5 - GARMIN DOCUMENT P/N: 190-01112-11, REV 7, DATED 5/12/2020, GTN650Xi AND GTN635Xi - GARMIN DOCUMENT P/N: 190-01007-C1, REV 1, DATED 03-JAN-2020.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 12/11/2020

SIGNED:

Work Order: 12910-11-2020

Dale Walley A3542463

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ins  
of  
(s.)

YEAR  
TO  
DATE

DESCRIPTION TODAY'S TOTAL

**Description of Inspections, Tests, Repairs and Alterations**

wo: WO\_39

Airframe - page 1 of 2



Brandywine Aviation & Maintenance · 1209 Ward Ave · West Chester, PA 19380 · 610.337.1833

N812DW 2635.4  
ACTT: 2607.6 M.J.

CIRRUS DESIGN CORP, SR22, S/N: 0124  
HOBBS: 2607.6 2635.4 M.J.

March 17, 2021

1. **ANNUAL INSPECTION AIRFRAME** - PERFORMED AN ANNUAL INSPECTION IAW FAR 43 APPENDIX D USING CIRRUS MM Ch. 5-20 INSPECTION CHECK LIST AS A GUIDE. ALL AD'S CHECKED THROUGH 2021-06 BI-WEEKLY. REFERENCE AD REPORT DATED 03/2021 FOR DETAILS. ELT INSPECTED IAW FAR 91.207 D. NO DEFECTS NOTED. ELT BATTERY PACK EXPIRES 02/2025. CHECKED ALL LIGHTS. SERVICED THE BATTERY AND PERFORMED A CAPACITY CHECK WITH SATISFACTORY RESULTS. LUBED AIRFRAME AND INSPECTED FLIGHT CONTROLS. CHECKED ALL CABLE TENSIONS. INSPECTED BRAKE SYSTEM AND SERVICED THE BRAKE FLUID RESERVOIR. DRAINED ALL FUEL SUMPS AND SERVICED THE GASCOLATOR. REPACKED WHEEL BEARINGS.
2. **AD 93-05-06 - ACS PRODUCTS IGNITION SWITCH** - C/W AD 93-05-06 - ACS IGNITION SWITCHES IAW ACS SERVICE BULLETIN SB92-01. INSTALLED A NEW CIRCUIT BOARD AND CUPS. LUBED AS REQUIRED. USED KIT P/N A-3650-2. NEXT COMPLIANCE DUE: 4635.4 HOBBS/SWITCH TIME IN SERVICE.
3. **ENGINE NEEDS A WASH** - WASHED DOWN THE ENGINE AND ENGINE COMPARTMENT WITH MINERAL SPIRITS AS REQUIRED.
4. **ENGINE MOUNT RUST IN TWO AREAS** - REMOVED CORROSION, CLEANED, TREATED, AND REPAINTED THE ENGINE MOUNT WELDMENT IN SEVERAL AREAS AS REQUIRED.
5. **AIR WOLF OIL SEPARATOR ANNUAL ICA IS DUE** - C/W AIRWOLF OIL SEPARATOR ANNUAL ICA - NEXT DUE 02/2022.
6. **MCU NEEDS TO BE RESEALED** - RESEALED THE MCU HOUSING WITH HIGH TEMP SILICONE AS REQUIRED.
7. **PROP GO. CONTROL ROD END WORN** - REMOVED AND REPLACED THE PROPELLER GOVERNOR CONTROL ROD END AT GOVERNOR.
8. **FRONT ENGINE BAFFLE CRACKED** - STOP DRILLED CRACKS IN FORWARD ENGINE BAFFLE TO RELIEVE STRESS AS REQUIRED.
9. **LEFT ENGINE BAFFLE IS CRACKED** - STOP DRILLED CRACKS IN LEFT ENGINE BAFFLE TO RELIEVE STRESS AS REQUIRED.
10. **SPINDLE CUP TENSION IS EXCESSIVE** - REMOVED AND REPLACED THE NLG FORK TEFLON WASHERS AND THE THRUST WASHER. ADJUSTED THE SPINDLE CUP TENSION AS REQUIRED.
11. **LEFT CABIN DOOR IS LOOSE** - SHIMMED, RETORQUED AND SAFETIED THE UPPR AND LOWER CABIN DOOR HINGE ASSEMBLIES ON PILOTS SIDE DOOR.
12. **LEFT AFT ENG. MOUNT ISOLATOR INSTALLED W/OUT LOCK TAB** - INSTALLED A LOCKING TAB WASHER UNDER LEFT AFT ENGINE MOUNT ISOLATOR BOLT AND TORQUED AS REQUIRED.
13. **NLG FORK TOW PINS LOOSE** - SECURED BOTH NLG TOW PINS WITH LOC-TITE.
14. **#6 EGT PROBE CHAFING HEAT SHIELD** - SECURED THE #6 EGT PROBE TO PREVENT FURTHER CHAFING.

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections Tests Benchmarks and Alterations
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wo: WO\_39



Airframe - page 2 of 2

Brandywine Aviation & Maintenance - 1209 Ward Ave - West Chester, PA 19380 - 610.337.1833

15. **EXHAUST TAIL PIPE ISOLATOR MISSING A BOLT** - REMOVED THE TAIL PIPE ISOLATOR AND FOUND THE BOLT TO BE BROKEN IN THE FIREWALL. EXTRACTION UNSUCCESSFUL. DRILLED A SEPARATE HOLE AND INSTALLED USING A NEW BOLT AND A NUT AFT OF FIREWALL. SEALED BOTH BOLTS AS REQUIRED.
16. **LMLG BRAKE LINE LOOSE AT GEAR STRUT** - SECURED THE LEFT MAIN LANDING GEAR AT THE GEAR STRUT AS REQUIRED.
17. **L/AFT NAV LIGHT INOP** - REMOVED AND REPLACED THE LEFT AFT NAV LIGHT BULB. OPERATIONAL CHECK GOOD.
18. **VOR ANTENNA NEEDS TO BE RESEALED** - RESEALED THE VOR ANTENNA ASSEMBLY AS REQUIRED.
19. **R/AILERON GAP SEAL IS MISSING** - REMOVED AND REPLACED THE RIGHT AILERON GAP SEAL.
20. **VARIOUS PLACARDS MISSING** - REMOVED AND REPLACED FADED/ILEGIBLE REQUIRED EXTERIOR PLACARDS AS REQUIRED.
21. **ALL CABIN DOOR STRUT GROMMETS ARE WORN** - REMOVED AND REPLACED ALL 4 CABIN DOOR GAS STRUT RUBBER GROMMETS.
22. **FUEL STRAINER SCREEN IS CRUSHED** - REMOVED AND REPLACED THE GASCOLATOR SCREEN ASSEMBLY. GASCOLATOR OPERATIONAL AND LEAK CHECK GOOD.
23. **FIRE EXTINGUISHER IS UNDER WEIGHT** - REMOVED AND REPLACED THE FIRE BOTTLE WITH A NEW UNIT. WEIGHED AND PLACARDED THE BOTTLE ASSEMBLY AS REQUIRED.
24. **THROTTLE LEVER BUSHING IS WORN** - REMOVED AND REPLACED THE THROTTLE LEVER BUSHING AND TEFLON WASHERS IN THE THROTTLE QUADRANT. OPERATIONAL CHECK GOOD.
25. **PILOT'S R/BRAKE MASTER CYLINDER LEAKING** - RETORQUED ALL BRAKE LINE B-NUTS AT MASTER CYLINDERS. CLEANED OFF RESIDUAL HYDRAULIC FLUID. LEAK CHECK GOOD.
26. **INSTALL ENGINE OIL SUMP HEATER** - INSTALLED REIFF HOT STRIP OIL SUMP HEATER SYSTEM. WEIGHT AND BALANCE NEGLIGIBLE. OPERATIONAL CHECK GOOD. PLUG LOCATED BELOW ENGINE AIR INTAKE FILTER.
27. **MIXTURE CONTROL CABLE ROD END WORN AT PUMP** - REMOVED AND REPLACED THE MOIXTURE CONTROL LINKAGE ROD END AT PUMP. SET TRAVELS AS NECESSARY. OPERATIONAL CHECK GOOD. SAFETIED AS REQUIRED.
28. **SEVERAL MLG FAIRING WELL-NUTS ARE BROKEN** - REINSTALLED THE MLG MUSHROOM FAIRINGS USING NEW HARDWARE AS NECESSARY.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. Details of work performed are on file with Brandywine Aviation & Maintenance under work order: WO\_39.

Milan Jovanovic A&P/IA 3164117

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YEAR  
NO 21  
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.)

wo: WO\_57



Airframe - page 1 of 1

Brandywine Aviation & Maintenance - 1209 Ward Ave - West Chester, PA 19380 - 610.337.1833

N812DW  
ATT: 2640.3

CIRRUS DESIGN CORP, SR22, S/N: 0124  
HOBBS: 2640.3

April 1, 2021

1. THE FLAPS ARE INTERMITTENT - REMOVED MECHANICAL FLAP RELAYS, INSTALLED SOLID STATE RELAY P/N 29409-002 I.A.W. SB2X-27-17 ELECTRONIC FLAP RELAY INSTALLATION. OPS CHECK GOOD.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Brandywine Aviation & Maintenance under work order: WO\_57.

Jon Milby A&P 3477163

MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
13684-06-2021

**Aero Ways, Inc.**

131 North DuPont Highway  
C/O Finance Department  
New Castle, DE 19720 USA  
Phone: 302-324-9970

DATE: 6/16/2021  
A/C TSN:  
HOBBS: 2701.3

**Airframe Entries**

WIRE ELT/GPS INTERFACE CABLE-REMOVED FUEL FLOW CONNECTION TO JPI, ADDED RS-232 FROM ELT TO PIN 2 OF FUEL FLOW CONNECTOR. ELT/GPS INTERFACE CABLE TERMINATED OR RS-232 INTO 406 ELT. UNABLE TO GROUND CHECK ELT GPS POSITION.... GTN AND G5 SOFTWARE UPGRADE-UPDATED GTN650XI AND GTN635XI SOFTWARE FROM V20.01 TO V20.12 IAW GARMIN SB 2124 REV A DATED MAR 10, 2021. G5 SOFTWARE IS UP TO DATE. GROUND CHECK SATISFACTORY.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 6/16/2021

SIGNED:

Mark Ehart, A&P: 3536752

Work Order: 13684-06-2021

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YEAR 20 <u>21</u> 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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wo: WO\_110

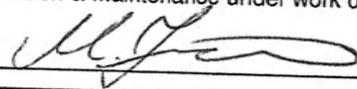
Airframe - page 1 of 1

  
Brandywine Aviation & Maintenance · 1209 Ward Ave · West Chester, PA 19380 · 610.337.1833

<b>N812DW</b> ATT: 2712.0	<b>CIRRUS DESIGN CORP, SR22, S/N: 0124</b> HOBBS: 2712.0	<b>July 08, 2021</b>
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1. REMOVED AND REPLACED THE AFT RIGHT NAVIGATION LIGHT BULB AND LENSE. OPERATIONAL CHECK GOOD.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Brandywine Aviation & Maintenance under work order: WO\_110.

Milan Jovanovic A&P/IA 3164117 

wo: WO\_81

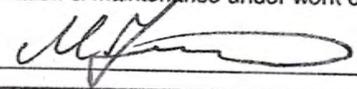
Airframe - page 1 of 1

  
Brandywine Aviation & Maintenance · 1209 Ward Ave · West Chester, PA 19380 · 610.337.1833

<b>N812DW</b> ATT: 2672.6	<b>CIRRUS DESIGN CORP, SR22, S/N: 0124</b> HOBBS: 2672.6	<b>May 14, 2021</b>
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1. **THE ELECTRIC BOOST PUMP IS WEAK** – REMOVED AND REPLACED THE FUEL BOOST PUMP P/N 5217-00-3 WITH AN OVERHAULED UNIT. REMOVED S/N 0298 AND INSTALLED S/N 6755. OPERATIONAL AND LEAK CHECK GOOD. ALL WORK DONE IN REFERENCE TO CIRRUS SR22 MM CH. 28-20 (C.).

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Brandywine Aviation & Maintenance under work order: WO\_81.

Milan Jovanovic A&P/IA 3164117 



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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MAKE: Cirrus  
MODEL: SR22  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
13910-08-2021

**Aero Ways, Inc.**

131 North DuPont Highway  
C/O Finance Department  
New Castle, DE 19720 USA  
Phone: 302-324-9970

DATE: 10/13/2021  
A/C TSN:  
HOBS: 2723.5

**Airframe Entries**

REMOVED: (1) S-TEC SYSTEM 30 AUTOPILOT, CONSISTING OF: (1) AUTOPILOT CONTROLLER, (1) PITCH AMPLIFIER, (1) ALTITUDE TRANSDUCER, AND (1) PITCH SERVO.

INSTALLED: (1) GARMIN GFC500 AUTOPILOT CONSISTING OF: (1) GARMIN GMC507 CONTROLLER, (1) GARMIN GSA28 ROLL SERVO, AND (1) GARMIN GAS28 PITCH SERVO; AND (1) UNITED 9013 TURN COORDINATOR.

SYSTEM GROUND CHECK GOOD. WORK WAS PERFORMED IAW FEDERAL AVIATION REGULATIONS AND MANUFACTURER'S INSTRUCTIONS. WEIGHT AND BALANCE AND EQUIPMENT LIST WAS REVISED. REFERENCE WAS MADE TO AC43.13-1B AND 2B, AS APPLICABLE.

SEE AFMS AND FAA FORM 337 DATED 9-30-2021 IN AIRCRAFT MAINTENANCE RECORDS FOR DETAILS OF THIS ALTERATION. FOR ICA'S REFERENCE THE FOLLOWING: GFC500 - GARMIN DOCUMENT P/N: 190-02291-01, REV 11, DATED 3-MAR-2021, SECTION 4.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

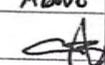
DATE: 10/13/2021

SIGNED: 

Mark Ehari, A&P: 3536752

Work Order: 13910-08-2021

Printed by EBis 3 (datamedia.com)

10/16/2021	EXISTING	ACK	MODEL	E-04	406	ELT	REGISTRATION	WITH	NOAA/SARSAT.
	BEACON	ID	ZDCB6	A0330	FFBF.	REGISTRATION	PURCHASER	INSTRUCTIONS	
	IN	AIRCRAFT	COCKPIT	ABOVE	MAJOR	ELT	ACTIVATION	SWITCH.	REGISTRATION
	NEXT	DUE	10/10/2023.						2701062







YEAR 20 <u>22</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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5/20/2022

**ADVANCED  
MAINTENANCE, LLC**

131 N. DuPont Highway  
New Castle, DE 19720  
Phone 302-324-9970  
CRS# 5VWR338D

Aircraft Registration:	N812DW
Aircraft Model:	SR22
Aircraft Serial Number:	0124
Hobbs Time:	<u>2789.7</u>
Work Order:	FAM1127-05-2022
Altitude Tested to:	20,000
Date Tested:	<u>20 MAY 2022</u>

I certify that the altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411, the ATC transponder tests and inspections required by FAR 91.413, and data correspondence between automatically reported pressure altitude data and the pilot's altitude reference required by FAR 91.217 have been found to be within the specified limits of the current version of 14 CFR Part 43 appendices E & F up to the specified altitude. The work was accomplished in accordance with the instructions for continued airworthiness, and with respect to the work performed, this article is approved for return to service. Pertinent details are on file at this repair station for the work order referenced above.

Transponder:	Make: GARMIN	Model: GTX345	S/N: 3EG041031
ADC #1:	Make: GARMIN	Model: G5 ADI	S/N: 4JQ044816
ADC #2:	Make: GARMIN	Model: G5 HSI	S/N: 4JQ012339
Altimeter:	Make: UNITED	Model: S934D-3	S/N: 435846



Signature

TODD WILLIAMSON

Name (print or type)

20 MAY 2022  
Date

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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10/14/22

MAKE: Cirrus  
MODEL: SR22 G1  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
8708-02-2022

**ADVANCED Fly Advanced**  
Repair Station No. 5T2R901C  
530 Airport Rd.  
Lillitz, PA 17543  
Phone: 717-736-5170

DATE: 10/14/2022  
A/C TSN: 2852.7  
HOBBS: 2852.7

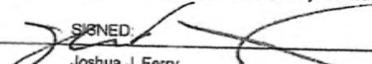
**Airframe Entries**

C/W SB 2X-95-20R1 CAPS Rocket Motor Assembly Replacement. Installed Parachute P/N: 25574-002, S/N: 000223R1, next replacement due 07-06-2032. Installed rocket motor P/N: 29500-405, S/N: 5005, next replacement due 08-30-2032. Installed new frangible link. Re-installed CAPS Reefing Line Cutters S/Ns: 16377 & 16447, next due replacement 03-2026. Installed new G1 CAPS Enclosure Cover breakaway panel. All work completed IAW SB Instructions and CAPS CMM 95-01-01. Completed body work, primed and painted (Fleet-Cirrus White) IAW Cirrus AMM 51-20. Installed new left and right fuselage registration number decals and new aft fuselage stripe decals. Weight and Balance revision and Temporary Revision TPOH 13-08 inserted into POH. C/W SB 2X-95-24R2 CAPS Rocket Shelf Ground Wire... Re-sealed the right brake caliper pistons with new high temp o-rings (2) P/N: M63461/1-222. Installed new brake "yellow" and "blue" temperature labels on brake caliper. Bled brakes IAW Cirrus AMM... Removed and replaced the Master Control Unit Assembly with new (MCU120) P/N: 16600-011, S/N: 02612 IAW Cirrus AMM 24-30. Fabricated MCU120 relocation brackets as required IAW AC43.13. Operational check ok at this time.... Removed and replaced the right and left wing tip OEM Nav/Strobe Light Assemblies and Strobe Power Supplies. Installed new Whelen Orion 600 Series left wingtip Nav/Strobe Light Assy P/N: 01-0771733-12, S/N: 631207 and right wingtip Nav/Strobe Light Assy P/N: 01-0771733-11, S/N: 660409. Weight & Balance Revision inserted into the POH

**Maintenance Release**

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 10/14/2022

SIGNED:   
Joshua J. Ferry  
Certified Repair Station No. 5T2R901C

Work Order: 8708-02-2022

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G1  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
9212-11-2022

**ADVANCED Fly Advanced**

Repair Station No. 5T2R901C  
530 Airport Rd  
Litz, PA 17543  
Phone: 717-735-5179

DATE: 12/1/2022  
A/C TSN: 2889.9  
HOBS: 2889.9

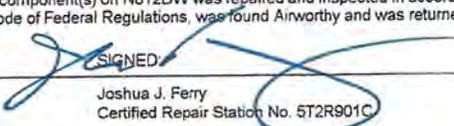
**Airframe Entries**

C/W SB 2X-95-28 Inspection of CAPS Rear Harness Bracket, no defects noted. Removed and replaced Alternator #2 with overhauled P/N: BC410-1, S/N: 0164384 (Removed S/N: 091992) IAW Cirrus AMM 24-30, alternator installed with new gasket. Removed and replaced the Master Control Unit Assembly with overhauled (MCU120) P/N: 16600-011, S/N: 00985 (Removed S/N: 02612) IAW Cirrus AMM 24-30 Operational check ok at this time.

**Maintenance Release**

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 12/1/2022

SIGNED: 

Joshua J. Ferry  
Certified Repair Station No. 5T2R901C

Work Order: 9212-11-2022

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus  
MODEL: SR22 G1  
S/N: 0124  
REG. NO: N812DW  
WORK ORDER:  
8708-02-2022

**ADVANCED Fly Advanced**

Repair Station No. 5T2R901C  
530 Airport Rd.  
Lititz, PA 17543  
Phone: 717-735-5179

DATE: 10/14/2022  
A/C TSN: 2852.7  
HOBBS: 2852.7

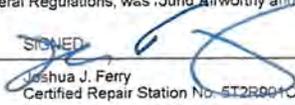
**Airframe Entries**

C/W SB 2X-95-17R3 CAPS Rocket Motor Assembly Replacement. Installed Parachute P/N: 25574-002, S/N: 000223R1, next replacement due 07-06-2032. Installed rocket motor P/N: 29500-405, S/N: 5005, next replacement due 08-30-2032. Installed new frangible link. Re-installed CAPS Reefing Line Cutters S/Ns: 16377 & 16447, next due replacement 03-2026. Installed new G1 CAPS Enclosure Cover breakaway panel. All work completed IAW SB Instructions and CAPS CMM 95-01-01. Completed body work, primed and painted (Fleet -Cirrus White) IAW Cirrus AMM 51-20. Installed new left and right fuselage registration number decals and new aft fuselage stripe decals. Weight and Balance revision and Temporary Revision TPOH 13-08 inserted into POH... C/W SB 2X-95-24R2 CAPS Rocket Shelf Ground Wire... Re-sealed the right brake caliper pistons with new high temp o-rings (2) P/N: M83461/1-222. Installed new brake "yellow" and "blue" temperature labels on brake caliper. Bled brakes IAW Cirrus AMM... Removed and replaced the Master Control Unit Assembly with new (MCU120) P/N: 16600-011 S/N: 02812 IAW Cirrus AMM 24-30. Fabricated MCU120 relocation brackets as required IAW AC43.13. Operational check ok at this time... Removed and replaced the right and left wing tip OEM NavStrobe Light Assemblies and Strobe Power Supplies. Installed new Whelen Orion 600 Series left wingtip NavStrobe Light Assy P/N: 01-0771733-12, S/N: 631207 and right wingtip NavStrobe Light Assy P/N: 01-0771733-11, S/N: 660409. Weight & Balance Revision inserted into the POH

**Maintenance Release**

The aircraft and/or component(s) on N812DW was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 10/14/2022

SIGNED:   
Joshua J. Ferry  
Certified Repair Station No. 5T2R901C

Work Order: 8708-02-2022

Printed by EBis 3 (datcomedia.com)

Revised log entry  
for CAPS re-pack, the  
wrong SB was signed  
off on original entry  
- Joshua Ferry





YEAR  
20 \_\_\_\_\_  
DATE

**ADVANCED  
MAINTENANCE, LLC**

131 N. DuPont Highway  
New Castle, DE 19720  
Phone 302-324-9970  
CRS# 5VWR338D

Aircraft Registration:	N812DW
Aircraft Model:	SR22
Aircraft Serial Number:	0124
Hobbs Time:	29440
Work Order:	FAM1541-06-2023
Altitude Tested to:	20,000
Date Tested:	6-27-23

I certify that the altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411, the ATC transponder tests and inspections required by FAR 91.413, and data correspondence between automatically reported pressure altitude data and the pilot's altitude reference required by FAR 91.217 have been found to be within the specified limits of the current version of 14 CFR Part 43 appendices E & F up to the specified altitude. The work was accomplished in accordance with the instructions for continued airworthiness, and with respect to the work performed, this article is approved for return to service. Pertinent details are on file at this repair station for the work order referenced above.

Transponder:	Make: GARMIN	Model: GTX345	S/N: 3EG041031
ADC #1:	Make: GARMIN	Model: G5 ADI	S/N: 4JQ030274
ADC #2:	Make: GARMIN	Model: G5 HSI	S/N: 4JQ012339
Altimeter:	Make: UNITED	Model: 5934D-3	S/N: 435846

  
Signature

DAVE GREGG

Name (print or type)

6-27-23  
Date

ests, Repairs and Alteration  
Rating and Certificate Number of  
ok pages for other specific entries.

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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01387 (08-02-2023)

Page 1 / 1

MAKE: Cirrus Design Corp.  
MODEL: SR-22  
S/N: 0124  
REG. NO.: N812DW  
ENG MODEL: I0550N7B  
ENG S/N: 685867



flyADVANCED Wings  
1501 Narcissa Rd  
Blue Bell, PA 19422

W/O #: 01387  
DATE: 08-02-2023  
Hobbs: 2963.2

**Engine Entries**

Replaced Manifold Pressure Sensor. Installed new sensor P/N: 12635-003 S/N: D1123

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 08-02-2023

SIGNED:

Joseph DiSipio  
A&P: 3953685IA

WORK ORDER: 01387

Printed by EBIS (EBISCloud.com)

9/24/23	<del>2979.3</del>	-	2979.3	REPLACED BOTH RUBBER ISOLATOR POSTS TO LANDING LIGHT BRACKET W/ ORIGINAL CIRROS PARTS. REINSTALLED LANDING LIGHT. LANDING LIGHT IN OP.  2701062
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YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

# SUREFLIGHT

## AIRCRAFT COMPLETIONS

Date: 5 Oct. 2023 A/C: Cirrus SR22 Reg: N812DW S/N: 0124 Airframe TT Hobbs: 2984.7

Removed existing landing light and installed Whelen PAR36 LED Landing Light P/N 01-0772102-10 IAW Whelen STC Installation Guide/STC for PAR36. Performed a successful function test after installation. Weight and balance change negligible. I certify that the aircraft is airworthy and returned to service only for the work accomplished in this log entry. *SureFlight, LLC.*

Certified Repair Station: CRS7SUR489B  
Chris Vinciguerra, Avionics Repairman



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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N812DW  
Cirrus SR22  
Tach: 3060.2

Ser: 0124

**AIRFRAME**

6/5/2024



Removed and replaced Concord battery P/N RG24-15M S/N 41067809 with new Concord battery P/N RG24-15M S/N 41380341. Added two quarts of Phillips XG 20w50 oil. Work performed in reference to Cirrus SR22 service manual and Continental IO-550 service manual. Performed run up and leak check satisfactorily. Aircraft returned to service.

Nathan Smelser A&P 4787586

02324 (06-28-2024)

Page 1 / 1

MAKE: Cirrus Design Corp.  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW



**flyADVANCED Wings**  
1501 Narcissa Rd  
Blue Bell, PA 19422

W/O #: 02324  
DATE: 06-28-2024  
Hobbs: 3063.0

**Airframe Entries**

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with new P/N: BA-24. Completed CAPS System Inspection / Check & Electronic Ignition Checkout Procedure IAW Cirrus AMM 95-00. Complied with 12 month cockpit portable fire extinguisher weight check and inspection. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 02-2025. All AD's current thru release 2024-12.... C/W Airwolf annual ICA. ... Repaired upper engine cowling front screw holes.... Replaced throttle rod end at engine with new. ... Stop drilled left baffle as needed. ... Repaired pilot right brake master cylinder with master cylinder repair kit. Bled brakes, ops check good. ... Repaired air filter mount as needed.... Re-secured pilots ANR plug.... Replaced both entry door strut rod ends and ball studs with new. ... Replaced pitch trim cartridge bushings and bolt with new. ... Replaced landing light lense with new. ... Replaced tail bell crank support bracket hardware with new and re-secured.

I certify that this aircraft has been inspected in accordance with a 100 Hour / Annual Inspection and has been determined to be in airworthy condition. This aircraft is approved for return to service. Pertinent details are on file under the listed Work Order.

DATE: 06-28-2024

SIGNED:

David Hans  
A&P: 42931381A

WORK ORDER: 02324

Printed by EBIS (EBISCloud.com)



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.)

LOM2780-02-2025 (03-14-2025)

Page 1

MAKE: Cirrus Design Corp.  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW



**flyADVANCED Wings**

1501 Narcissa Rd  
Blue Bell, PA 19422

W/O #: LOM2780-02-2025  
DATE: 03-14-2025  
Hobbs: 313

#### Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list on 5-24. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. Removed and replaced the induction air filter with new P/N: BA-24. Completed CAPS System Inspection / Check & Electronic Ignition Checkout Procedure IAW Cirrus AMM 95-00. Complied with 12 month cockpit portable fire extinguisher weight check and inspection. Complied with Battery #1 capacity test, battery passed. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 11/2029. All AD's current thru release 2025-05.... C/W air w/cif annual ICA. ... Removed and replaced #2 batteries with new. ... Removed and replaced ELT battery with new, EXP. date 11/22/2029.... C/W SB2X-25-3 Secondary seat latch and stop on pilot seat only. ... Repaired corroded field wires to alt #2. Replaced burnt wiring harness from alt#2 field control module. Replaced alt#2 field control module with new P/N 44031-001 S/N 03569. Replaced alternator #2 with P/N BC410-1 S/N 0164384 with new P/N BC410-1 S/N 2C4115X22K.... Removed airspeed indicator for overhaul P/N 13562-001 S/N T41712B. Re-installed same airspeed indicator after overhaul. ... Removed and replaced pilot and co-pilot seat absorption modules with new. ... Removed and replaced gaurdian Ipad dock with new gaurdian Ipad dock. ... Repaired front right baffle as needed. ... Removed and replaced prop cable clip with new. ... Rotated LMLG tire for even wear. ... Re-torqued both entry steps. ... Re-secured pitch trim motor bolt. ... Re-torqued lower rudder bracket. ... Re-secured interior panels and edging. ... Re-secured vent scat tube at fire wall. Replaced floor vent scat tube with new. ... Replaced pilot overhead light button with new. ... Replaced damaged well nuts for landing gear.

I certify that this Airframe has been inspected in accordance with a 100Hr/Annual inspection and has been determined to be in airworthy condition. This aircraft is approved for return to service. Pertinent details are on file under the listed Work Order

DATE: 03-14-2025

SIGNED:

David Hans  
A&P: 4293138IA

WORK ORDER: LOM2780-02-2025

Printed by EBIS (EBISCloud.co

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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ILG2822-03-2025 (03-04-2025)

Page 1 / 1

MAKE: Cirrus Design Corp  
 MODEL: SR-22  
 S/N: 0124  
 REG NO: N812DW

**flyADVANCED Maintenance, LLC.**  
 FAA Cert: 5VWR338D  
 2000 Brett Rd  
 New Castle, DE 19720

W/O #: ILG2822-03-2025  
 DATE: 03-04-2025  
 A/C TT: 3140.5  
 Hobbs: 3140.5

**Entries**

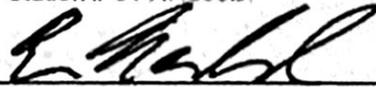
I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS REQUIRED BY FAR 91.411, THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413, AND DATA CORRESPONDENCE BETWEEN AUTOMATICALLY REPORTED PRESSURE ALTITUDE DATA AND THE PILOT'S ALTITUDE REFERENCE REQUIRED BY FAR 91.217 HAVE BEEN FOUND TO BE WITHIN THE SPECIFIED LIMITS OF THE CURRENT VERSIONS OF 14 CFR PART 43 APPENDICES E & F AND AC 43-6, UP TO 20,000 FEET. THE WORK WAS ACCOMPLISHED WITH REFERENCE TO CIRRUS SR-22 AMM 34-10 AND 34-50 AND/OR OTHER DATA ACCEPTABLE TO THE ADMINISTRATOR AND CURRENT FAA REGULATIONS, AND WITH RESPECT TO THE WORK PERFORMED, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION FOR THE WORK ORDER REFERENCED ABOVE.

XPDR: MFG: GARMIN, MODEL: GTX345, SN: 3EG041031  
 ADC #1: MFG: GARMIN, MODEL: G5 ADI, SN: 4JQ030274  
 ADC #2: MFG: GARMIN, MODEL: G5 HIS, SN: 4JQ012339  
 ALTIMETER #1: MFG: UNITED, MODEL: 5934D-3, SN: 435846

This certifies that the work requested by the customer and described on the work order listed below was accomplished and inspected with reference to the manufacturer's technical data, instructions for continued airworthiness and/or other data acceptable to the administrator and current FAA Regulations, and with respect to the work performed, this article is approved for return to service. Pertinent details of this work are on file at this FAA Certified Repair Station # 5VWR338D.

DATE: 03-04-2025

SIGNED:



Eric Nerland  
 FAA Cert: 5VWR338D

WORK ORDER: ILG2822-03-2025

Printed by EBIS (EBISCloud.com)

6/14/2018

3166.5

SARASAT REGISTRATION REVIEW. BECAUSE  
 20086 A-0330 FF BFF. REGISTRATION BAPINS  
 6/14/2027

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.)

LOM3196-08-2025 (08-13-2025)

Page 1 / 1

MAKE: Cirrus Design Corp.  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW



**flyADVANCED Wings**  
1501 Narcissa Rd  
Blue Bell, PA 19422

W/O #: LOM3196-08-2025  
DATE: 08-13-2025  
Hobbs: 3189.0

#### Airframe Entries

Removed both left and right brake calipers and replaced piston o-rings, installed and bleed brakes. operational check good.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 08-13-2025

SIGNED:

David Hans  
A&P: 4293138IA

WORK ORDER: LOM3196-08-2025

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LOM3203-08-2025 (08-14-2025)

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MAKE: Cirrus Design Corp.  
MODEL: SR-22  
S/N: 0124  
REG. NO: N812DW



**flyADVANCED Wings**  
1501 Narcissa Rd  
Blue Bell, PA 19422

W/O #: LOM3203-08-2025  
DATE: 08-14-2025  
Hobbs: 3189.0

#### Airframe Entries

Removed ipad mount power supply P/N:6430202-1 and installed new ipad mount power supply P/N:200-3C1B. operational check good.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 08-14-2025

SIGNED:

David Hans  
A&P: 4293138IA

WORK ORDER: LOM3203-08-2025

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