

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

COA issued 6/10/03

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corporation MODEL SR-22 DATE OF MFG. June 2003  
SERIAL NUMBER 0579 REGISTRATION NUMBER N1640C

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	<i>Teledyne Continental Motors</i>	<i>T055DN7B</i>	R L <i>687494</i>
ENGINE			R L
PROPELLER	<i>Hartzell Propeller Inc.</i>	<i>PHC-J34F-1RF</i>	<i>FP2323B</i>
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			





## AD NOTES COMPLIANCE RECORD

08/01/2007

Airframe - Cirrus - SR22 0579  
 Engine - Teledyne Continental - IO-550-N 687494  
 Appliance - Magnetos - TCM (formerly Bendix) S-20 series D03CA192  
 Appliance - Magnetos - TCM (formerly Bendix) S-20 series D03CA191

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
76-07-12 R1	Bendix switches	06/17/06 784.9	By Insp	X		N/A	Mercury Air CRS-Y4MR806Y
2004-08-10	Prevent loss of engine power	06/21/04 562.9	N/A not instd	X		N/A	Miracle Strip Aviation CRS-DZJR423D
2005-12-06	Prevent failure of the magneto impulse coupling assembly	7/1/06 971.7	(Left Mag) By Insp		X	1471.6	Mercury Air Y4MR806Y
2005-12-06	Prevent failure of the magneto impulse coupling assembly	07/01/06 971.7	(Right Mag) By Insp		X	1471.7	Mercury Air Y4MR806Y
2005-14-11	Prevent blade failure that could result in separation of a propeller blade	07/30/07 1140.0	N/A. No work by Southern Prop	X		N/A	Miracle Strip Aviation CRS-DZJR423D
2005-17-19	Prevent the crew seats from folding forward during emergency landing	07/01/06 971.7	Parts replaced iaw SB2X25-17R1. Superceeded by 2006-07-06	X		N/A	Mercury Air RS-Y4MR806Y
2006-07-06	To detect, correct, and prevent damage to the fuel line and wire	03/10/06 932.5	IAW SB2X-28-04R1	X		N/A	Mercury Air RS-Y4MR806Y
2006-19-10	To prevent the crew seats from folding forward during emergency landing	07/01/06 971.7	PCW IAW SB2X-25-17R1	X		N/A	Miracle Strip Aviation CRS-DZJR423D
2006-21-03	Prevent overheating damage to the brake caliper piston O-ring seals	07/01/06 971.7	IAW SB2X-32-14R1	X		N/A	Miracle Strip Aviation CRS-DZJR423D
2007-14-03	To correct pick-up collar support fasteners of the CAPS	07/02/07 1089.6	IAW SB A2X-95-10R2	X		N/A	Miracle Strip Aviation CRS-DZJR423D







## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CRT. NO.
12/20	439.1	VOR'S	DUAL	30	1/19	<i>[Signature]</i> 258965979



JetSouth Corporation  
4243 East Lake Blvd.  
Birmingham, AL 35217  
CRS JOUR017X

N#: 1640C  
Model: Cirrus SR 22  
WO #: 20-A4210

Tach/Hobbs: 562.9  
SN: 0579

Performed ELT inspection and test on ACK E-01 elt SN: 044937 in accordance with FAR 91.207(d), battery expiration date March 2009.  
Performed Cirrus Transponder Antenna Ground Plane service bulletin SB# 2X-34-05R2. Transponder ground check satisfactory.  
Replaced pilots push-to-talk switch, ground operational check satisfactory.

The appliance (s) identified above was maintained and inspected in accordance with current F.A.A. Regulations and was found to be satisfactory for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under WO #: 20-A4210

Date: 6-21-2004      Signature: *[Signature]*


TOTAL  
TIME

CHECKED

### LOG BOOK ENTRY FOR CIRRUS N1640C

Removed Avidyne Entegra PFD P/N 700-00006-00 S/N D1030, and replaced with warranty exchange unit S/N D1269. Performed ground test of unit, all functions normal. Included FAA Form 8130-3.  
Aircraft hours: 0692.6. Reference Avionics W/O A14170 for details.

"This aircraft, engine, aircraft system, propeller, or appliance (hereinafter referred to as 'item') was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service."

"Pertinent details of the repair are on file at this repair station under Order No. A14170 date 12/2/09"

Signed Stephen Green to  
(signature of authorized representative)

Montgomery Aviation Corporation EA4R147M  
DANIELLY FIELD  
P.O. Box 92, Montgomery, Alabama 36101  
(205) 283-7334



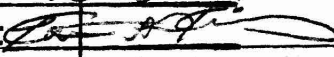









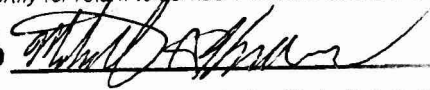


## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		 <p><b>LOG BOOK ENTRY</b>            DATE: 6-26-03            MAKE: CIRRUS TOTAL TIME: 65.8    N# 1640C            MODEL: SR22    HOBBS TIME: 65.8    S/N: 9579</p> <p>Cleaned inside of landing light cover IAW CDC AMM chap. 12. Repositioned Velcro on 'caps' handle cover IAW CDC standard maintenance practices. Visually inspected prop governor cable and lubed cable rod ends IAW CDC standard maintenance practices. Retorqued nose wheel axel and verified 1 to 2 revolutions when spun by hand, IAW CDC AMM 32-41. Installed new bushing and Teflon washers in throttle quadrant IAW CDC SB 22-76-01.</p> <p><small>The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under,</small></p> <p><b>W/O#: 061203-07 SIGNED</b> </p> <p><small>Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811</small></p>	
07-15-03	122.4 hobbys	<p>Replaced # 6 CHT Probe with new probe P/N 14480-001, Performed engine run for op's check, op's checks good on ground at this time IAW Cirrus SR 22 A.M.M. 77-20.</p>	
		<p>Pertinent details are on file at this Agency under W.O.#: 071503-04            Date: 7-15-03 Signature:             Cirrus Design Factory Service Center            YD5R855Y, Duluth MN</p>	



# 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
		 <p><b>LOG BOOK ENTRY</b>            DATE: 7/28/03            MAKE: CIRRUS TOTAL TIME: 177.6hr N#: N1640C            MODEL: SR-22 HOBBS TIME: 177.6hr S/N: 0579</p> <p>Replaced missing attach nuts on magnetic compass IAW AMM 34-20. Performed IRU and Magnetometer calibration for PFD IAW CDMP 080 Rev. D. Flight test good.</p> <p><i>The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under,</i></p> <p>W/O#: 072803-01 SIGNED </p> <p>Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811</p>	
		 <p><b>LOG BOOK ENTRY</b>            DATE: 07/29/03            MAKE: CIRRUS TOTAL TIME: 183.1 N#: N1640C            MODEL: SR22 HOBBS TIME: 183.1 S/N: 0579</p> <p>Cleaned, adjusted and lubricated both cabin doors' internal latching mechanisms I.A.W. Cirrus SR22 A.M.M. 52-10 and 12-20. Cleaned and repacked both M.L.G. axle bearings, balanced M.L.G. wheels and serviced all tire pressures I.A.W. Cirrus SR22 A.M.M. 32-40, 32-41, 32-42.</p> <p><i>The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under,</i></p> <p>W/O#: 072903-05 SIGNED </p> <p>Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811</p>	



MAKE Cirrus  
MODEL SR22  
S/N 0579  
REG NO 1640C  
WORK ORDER 609-12-2003



## Maintenance Record

### Cirrus Design Factory Service Center

4515 Taylor Circle  
Duluth, MN 55811

DATE 12/18/2003  
TTA  
TACH

Repair Station No. YD5R855Y

### Airframe Entries

Lubricated copilots pedals I.A.W. A.M.M. chapter 12-00.... Removed and Replaced Sys. 55x autopilot P/N 13560-002 in accordance with SR22 Cirrus Maintenance Manual 22-11. Ops checks good.... Adjusted & secured R/H rear ANR head rest jack in to console I.A.W. A.M.M. chapter 23-50.... Removed & replaced right rear beverage cup holder I.A.W. A.M.M. chapter 25-10.... Removed & replaced L/H & R/H fuel tank placards. I.A.W. A.M.M. chapter 11-30.... Removed & replaced L/H & R/H inboard flap hinge fairings I.A.W. A.M.M. chapter 57-50.... Painted out dents on L/H MLG fairings I.A.W. A.M.M. chapter 51-30.... Removed & replaced L/H & R/H entry step non skid pads I.A.W. A.M.M. chapter 57-00.... Touched up pinholes on outboard edge of r/h wingtip, IAW CDC MM 51-30.... Removed fuel stain around R/H wing out board fuel sump I.A.W. A.M.M. chapter 51-30.... Replaced R/H MLG wheel pant I.A.W. A.M.M. chapter 32-10.... Removed & replaced lower strut fairing I.A.W. A.M.M. chapter 32-10.... Painted chip on R/H mushroom leading edge I.A.W. A.M.M. chapter 51-30.... Reattached right lower wing root fairing IAW MM 57 & standard shop practices. ... Removed & replaced landing light lens I.A.W. A.M.M. chapter 33-40.... Replaced NLG fairing with new p/n 15310-902 I.A.W. Cirrus SR22 A.M.M. 32-20.... Repainted oil access door I.A.W. Cirrus SR22 A.M.M. 51-30.... Polished spinner IAW CDC AMM and standard maintenance practices.... Repaired paint chip adjacent to R/H door pin receivers I.A.W. Cirrus SR22 A.M.M. 51-30.... Removed black smudge on rear of pilots seat back above pouch I.A.W. standard maintenance practices.... Removed black mark on pilots side "A" pillar I.A.W. standard maintenance practices.... Removed scratches on L/H side windows I.A.W. standard shop practices. ... C/W S.B. 2X-25-05 Release of Am-Safe Mandatory Service Bulletins 504907-25-02 and 504491-25-01 by installing kit 70064-001 IAW S.B. 504907-25-02 and 504491-25-01 instructions.... Tightened screw on aft center console panel I.A.W. standard maintenance.... Installed click bond to R/H MLG I.A.W. standard maintenance practices.... Replaced wheel fairing bracket on R/H MLG I.A.W. A.M.M. chapter 32-10.... Exploration / assessment of apparent upper butt-line D bond-line crack between COM 1 & stormscope antennas IAW MM 51-10 revealed no structural laminate or bond-line damage. Lighting protection (EMM) replaced IAW CDC Process Specification 90060; REV B, Paragraphs 5.3 & 5.5. Prep'ed, applied body-work, paint, sand & buffed IAW MM 51-30 & standard maintenance practices. ... no action taken.... Adjusted yaw trim tab trailing edge left IAW AMM 27-20.... Standby altimeter ops checks within specified parameters in accordance with FAR 91.411 and 91.413.... Replaced R/H rigid brake line assy p/n 14445-002 I.A.W. Cirrus SR22 A.M.M. 32-42. Bled brake system op's checks good.... Replaced R/H brake linings with new p/n 066-10500 I.A.W. Cirrus SR22 A.M.M. 32-42.... Replaced L/H brake linings with new p/n 066-10500 I.A.W. Cirrus SR22 A.M.M. 32-42.... Replaced both main landing gear tires with new p/n 14075-004 I.A.W. Cirrus SR22 A.M.M. 32-41.... Removed and Replaced Avidyne MFD P/N 14750-006 in accordance with SR22 Cirrus Maintenance Manual 34-40. Ops checks good.... corrected cosmetic defects IAW AMM 12-20, 51-30, and std. maint practices....

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station GRS YD5R855Y

DATE: 12/18/2003

SIGNED:

WORK ORDER: 609-12-2003

Mitch Knase  
Certified Repair Station No. YD5R855Y

Printed by EBis (<http://www.datamedia.com>)

# 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
--------------------	--------------------------	---	---

MAKE Cirrus  
 MODEL SR22  
 SN 0579  
 REG NO 1640C  
 WORK ORDER 662-12-2003



**Cirrus Design Factory Service Center**  
 4515 Taylor Circle  
 Duluth, MN 55811  
 Repair Station No. YD5R855Y

DATE 12/18/2003  
 TTA  
 HOBBS 430.0

**Airframe Entries**

Adjusted Rt. door seal IAW AMM 52-10.... Replaced L/H strobe power pack, (p/n 50625-001), IAW CDC AMM 33-40. Operational check good. ....

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CR'S YD5R855Y.

DATE: 12/18/2003

SIGNED:

WORK ORDER: 662-12-2003

Aaron Holmgren  
 Certified Repair Station No. YD5R855Y

Printed by EBis (<http://www.datcomedia.com>)

ENGINE MODEL  
 ENGINE SN  
 REG NO 1640C  
 WORK ORDER 672-12-2003



**Cirrus Design Factory Service Center**  
 4515 Taylor Circle  
 Duluth, MN 55811  
 Repair Station No. YD5R855Y

DATE 12/19/2003  
 TTA  
 TTE  
 HOBBS 434.8

**Engine Entries**

Removed and replaced #6 CHT probe with new P/N 14880-001 IAW cirrus mm chapter 77-20, operational check good at this time....

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CR'S YD5R855Y.

DATE: 12/19/2003

SIGNED:

WORK ORDER: 672-12-2003

Casey Komarek  
 Certified Repair Station No. YD5R855Y

Printed by EBis (<http://www.datcomedia.com>)

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
--------------------	--------------------------	---	---

MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N1640C

HOBBS/TACH: 694.2

MODEL/SERIAL#: 579

A/F TOTAL TIME :

1. Inspected and adjusted the pilots and copilots seatbreak over bolt per SB A2X-25-08.
2. Installed fuel selector sleeve per SB 2X-28-03.
3. Replaced th eright wing filler decal.
4. Secured the left wing root fairing.
5. Replaced 3ea prop deice boots p/n 37572.
6. Adjusted the defrost/floor heat control.
7. Replaced the left and right step antiskid pads.
8. Installed a new right inboard flap hinge fairing p/n 15065-004.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. #9609

SIGNATURE

*Chad Smith*

DATE : 12/13/04

18 MAR 2005 HOBBS 736.7 TTAF 736.7 REMOVED #2 ALTERNATE,  
 P/N BC410-1; P/N 0231787. INSTALLED REPAIRED ALTERNATE,  
 P/N BC410-1; P/N 0943008 WITH NEW GASKET AS 3491-01.  
 TORQUED PER CIRCUIT M.M. LEAK AND OPS CHECK C/W  
 NO DEFECTS NOTED. - END - SEE NEXT PAGE

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

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURN
		<p><del>If the aircraft, airframe, 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.</del></p> <p>"Pertinent details of the repair are on file at this repair station under Ord. No. <u>14559</u> Date <u>12 MAR 2005</u></p> <p>Signed <u>[Signature]</u> for (signature of authorized representative)</p> <p>Montgomery Aviation Corporation # <u>EA42147M</u> certificate no. <u>P. O. Box 92, Montgomery, Alabama.</u>"</p>	
1/15/05	712	<p>Replaced MAIN BATTERY with GIL G-2435 SERIAL # 602183954 Mantel Skid 258965974</p>	
<p>08 Apr 05 N1640C; Cont: 10550N7; SIN: 687494; Hobbs: 746.3 Alternator PIN 646843 MFG # 003DA007 removed and Owner furnished TCA Alternator Aerotech ovhld, PIN 646843, SIN A404094, see FAA Fprm 8130-3, ground run, systems normal this date. ——— END ———</p> <p><u>[Signature]</u> James T. Capps A&amp;P422584171</p>			

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
--------------------	--------------------------	---	---

MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N1640C  
HOBBS/TACH: 907.4

MODEL/SERIAL#: 579  
A/F TOTAL TIME :

Removed and replaced the left and right main tires.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. # 10804

SIGNATURE



DATE : 1/13/06

MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N1640C  
HOBBS/TACH: 932.5

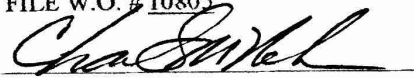
MODEL/SERIAL#: 579  
A/F TOTAL TIME :

C/W SB 2X-28-04R1 Installed anti chafe kit in the console.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. # 10805

SIGNATURE

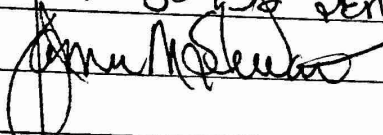


DATE : 3/10/06





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
4/29/07	1070	Replaced Main Battery with G1262435 Sencor # G02328958  3212587	



**Miracle Strip Aviation**


1001 Airport Road  
 Destin, Florida 32540  
 Anti-Drug/Alcohol Plan #B-SO-00156S  
 CRS#DZJR423D

N# 1640C Hobbs: 1089.6 except as stated below, no other work, inspection, Corrective action or determination of Airworthiness was made at this time.

Description of work performed:

QW SBA 2X-95-10 R2 CAPS collar  
By installing kit # 70181-002 on motor  
S/N 00918 IAW SB.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected In Accordance With Current Regulations of the FAA Administration and is approved for return to service.

Signed:  CRS#DZJR423D Eric W. Mengelson  
 A&P 3026955

WO# 106-07-011 Date: 7-2-07



DEFUNIAK SPRINGS FLORIDA 32435  
(850) 951-0900

DATE AUG 1, 2007

WORK ORDER 2646

OWNER/PER MSA	AIRCRAFT CIRRUS SR22	REGISTRATION N1640C
------------------	----------------------------	------------------------

PITOT LEAK RATE  KTS PER MIN REF. ONLY	LEAK RATE NO LEAKS 0 FT PER MIN
---	--

TEST SET	ALT TOL +/-	ALT. IND.	XPDR/ENCODER OUTPUT
* 0 (0)	20	10	0
500	20	520	500
1000	20	1005	1000
2000	25	2010	2000
4000	30	4000	4000
5000	35	5000	5000
* 8000 (0)	60	7980	8000
* 10,000 (+20)	80	10,000	10,000
12,000	90	12,000	12,000
**14,000	100	13990	14000
15,000	100	14980	15,000
**18,000	120		
20,000	120		
22,000	140		
25,000	155		
30,000	180		
35,000	205		

TACH TIME 1104.0

\*20K HYST. TEST POINTS RECORDED ERROR  
\*\*35K HYST. TEST POINTS RECORDED ERROR

COMMENTS: AER A-30 ALTITUDE ENCODER SN 83889  
GARMIN GTX 327 XPDR SN 83713714  
UNITED ALT 12731-001 SN 431424

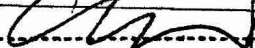
USED

WORK PERFORMED & CERTIFICATE  
WORK PERFORMED/RETURNED

MONARCH AVIATION REPAIR STATION # V9MR 280Y

The ATC Transponder and Automatic Pressure Altitude Reporting  
Equipment Tests and Inspections required by FAR 91.411 and 91.413  
were performed on this date and found to comply with FAR Part 43  
Appendix E and F.

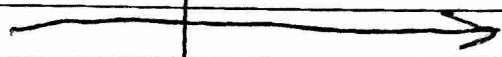
Details of this inspection are held on file at Monarch Aviation, Inc.  
on Work Order # 2646 Date AUG 1, 2007

Authorized Signature 

7AUG07

1104.0

R+R Ice Protection Filter P/N  
15165-009, R+R Rt Lower wheel  
fairing bracket P/N 17205-002.  
R+R Lt Lower wheel fairing bracket  
P/N 17205-001.

Continued on next page 

## MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION NO. WORK PERFORMED/RETURN TO SERVICE
	1104.0	Continued from Previous Page. R+R Overhead Dome Light Bulb P/N 50608-001, R+R antiskid tape on rt. step, R+R wellnut P/N 50803-001 on Lt. main landing gear cuff. Resecured LT WING ROOT FAIRING. Resecured Rt WING ROOT FAIRING.	ALL WORK AS PER MFR-MM.
Hours	1104.0	Date	7 AUG 07
ELT Tested	IAW FAR 91.207	<p style="text-align: center;">HOURS <u>1104.0</u> DATE <u>7 AUG 07</u></p> <p style="text-align: center;">AT THE TIME OF THIS INSPECTION, I CERTIFY THAT</p> <p style="text-align: center;">THIS <u>AIRFRAME</u> HAS BEEN INSPECTED IN ACCORDANCE</p> <p style="text-align: center;">WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED</p> <p style="text-align: center;">TO BE IN AIRWORTHY CONDITION</p>	
Appendix D	Battery Due Date	MAR 2009	
Maint. Release	<p style="text-align: center;">(Signature)</p> <p style="text-align: center;"><i>[Signature]</i></p>		
<p>Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected in Accordance with Current Regulations of the FAA Administration and is Approved for Return to Service.</p>			
Signed:	<p style="text-align: center;"><i>[Signature]</i> W/O # 50-0-0373</p>		
<p>For Minic Step Aviation CRS#DZJR423D</p>			

**AUTHORIZED RELEASE CERTIFICATE**  
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# <b>43027</b>	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 E Apache Tulsa, OK 74115				Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804		5. Work Order/Invoice Number INV # <b>51636</b>	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. QTY	11. Serial/Batch Number	12. Status/Work	
1	<b>ALTERNATOR</b>	<b>676843</b>	(VARIOUS)	1	<b>A105828</b>	<b>OVERHAUL</b>	
13. Remarks: <p align="right"><b>(EXCHANGE)</b></p>							
The work identified in Block 12 and described in Block 13 except as otherwise specified was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA acceptance Certificate number EASA 145.5982 See Attached Work Order Summary for details. ( <b>2</b> ) pages <span style="float: right;">(MECH: <b>DLR</b>)</span>							
Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>David Dutton</i>		21. Approval/Certificate No.: QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): David Dutton		23. Date (m/d/y): <b>09-11-07</b>	

\*Installer must cross check eligibility with applicable technical data.

I.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

13 SEPT 2007 HOBBS 1111.2

REMOVED ALTERNATOR P/N# 646843, S/N# A404074 AND INSTALLED "OVERHAULED" ALTERNATOR P/N# 646843, S/N# A105828

ALSO INSTALLED SUNVISOR BLADE P/N# 12698-003. RUN-UP, OIL AND LEAK CHECK OF ALTERNATOR O/W, ALL FUNCTIONS NORMALLY. THE MAINTENANCE IDENTIFIED WAS BEG. INSPECTED AND FOUND TO BE IN AN AIRWORTHY CONDITION

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.

"Pertinent details of the repair are on file at this repair station under Order No. 15475 Date 13 SEPT 2007

signed

*[Handwritten Signature]*

(signature of authorized representative)

Montgomery Aviation Corporation

SEE 41711 Certificate no.

P. O. Box 92, Montgomery, Alabama."

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
4 Jun 03	11.4 hrs	<p>SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE</p> <p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Thomas Althaus Date: <u>04 JUN 03</u></p> <p>Signature: <u><i>Thomas Althaus</i></u></p> <p>Title: Production Flight Test Pilot</p>
6/10-03	11.4	<p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>06 / 10 / 03</u>.</p> <p>The next inspection is due <u>06 / 30 / 04</u>.</p> <p><u><i>Jeffrey K. Holter</i></u></p> <p>Jeffrey K. Holter DMIR410073CE</p>



# 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
------	-----------------------------	---

JetSouth Corporation  
4243 East Lake Blvd  
Birmingham, AL 35217  
CRS J0UR017X

REG: N1640C  
MD: Cirrus SR 22  
S/N: 0579

FHM/Tach: 562.9  
ACTT: 562.9

DATE: 06/21/04

I certify that this aircraft has been inspected in accordance with an Annual inspection. All work accomplished is on file under service order no. 10-M4180, 10-M4184, & 10-M4206 at JetSouth Corporation. This inspection was accomplished I/A/W a Cirrus SR 22 Scheduled inspection guide P/N 13773-001 as an aid. All AD's were checked thru Bi-weekly 2004-12. This aircraft was determined to be satisfactory for return to service with respect to the work performed.

91.411 due 06/05  
91.413 due 06/05

91.207 due 06/05  
ELT due 03/09

1. Completed 200 hr./12 mo. replacement of induction air filter (p/n BA-24).

----- CONTINUED -----

# 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
------	-----------------------------	---

**JetSouth Corporation**  
4243 East Lake Blvd  
Birmingham, AL 35217  
CRS J0UR017X

2. Completed 500 hr. inspection of # 1 alternator in accordance with TCM document # X30531-3 and found serviceable. A post run-up was satisfactory with no leaks noted.
3. Completed 12 mo. weight check of portable fire extinguisher and found serviceable.
4. Adjusted nose wheel axle nut tension to correct limits.
5. Installed new right inboard flap fairing (p/n 15065-004) with new hardware.
6. Installed new alternate air duct support bracket (p/n 15196-002).
7. Installed new baffle assembly (p/n 13654-004) on right side of engine.
8. Installed new CHT probe (p/n 14880-001) in # 6 cylinder. A post run-up was satisfactory.
9. Installed new fuel placard (p/n 15648-003) on left wing.
10. Reattached left and right gear fairing, center support bracket (p/n 50741-005) using adhesive (p/n 50080-001).
11. Filled paint chips on right wheel fairing.
12. Completed a pressure check of heater/muffler and found satisfactory.
13. Repositioned hose identification tag to prevent chafing of mixture cable.
14. Installed new nose wheel fairing assembly (p/n 13376-001).

----- CONTINUED -----

# 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

JetSouth Corporation  
4243 East Lake Blvd  
Birmingham, AL 35217  
CRS JOUR017X

15. Installed spiral wrap on left and right brake hoses.
16. Re-attached glare shield to instrument panel using new two sided tape.
17. Installed new grommet (p/n MS35489-135) on VOR antennas.
18. Installed (3 each) new well-nuts (p/n 50803-001) in left main gear fairing.
19. Troubleshoot co-pilot's shoulder harness retract mechanism and found books in seat back restricting reel operation. Noted nylon material binding also. Repositioned material and removed books. An operational check was satisfactory.
20. Installed new lower seal (p/n NAS1523-8B) on gascolator. A leak check was satisfactory.
21. Installed new TKS tank assembly (p/n 15269-002). A leak check was satisfactory.
22. Installed TKS placard (p/n 15518-001) at TKS filler.
23. Complied with Cirrus SB 2X-24-03 by sealing MCU with RTV.
24. Complied with Cirrus SB 2X-27-08 Rev. 1 by installing cartridge kit (p/n 70067-002). An operational check was satisfactory.
25. Complied with Cirrus SB 2X-32-08 by inspection of brake lines and installation of kit (p/n 70071-001).

----- CONTINUED -----

# 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

**JetSouth Corporation**  
4243 East Lake Blvd  
Birmingham, AL 35217  
CRS JOUR017X

- 26. Complied with Cirrus SB 2X-34-08 by installation of OAT grounding kit (p/m 70074-001). An operational check was satisfactory.
- 27. Complied with Cirrus SB 2X-55-10 by installation of stabilizer close out kit (p/n 70070-001).
- 28. Complied with Cirrus SB 2X-95-07 by installation of CAPS placard kit (p/n 70068-001).
- 29. Complied with Avidyne SB # 16 by removal of SIU (p/n 200-00031-000 s/n 492) and installation of modified SIU (s/n 117 - see Moritz test report).
- 30. Complied with Avidyne SB # 22 by installation of SUI filter kit (p/n 850-0000-201). An operational check was satisfactory.
- 31. Found AD 2004-08-10 – ECI cylinders, not applicable.
- 32. A post run-up was satisfactory with no leaks noted. All work in accordance with Cirrus SR 22 Maintenance Manual (p/n 13773-001).

Signature: *Mark Boyett*

Date: 06/21/04





# 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
------	-----------------------------	---

**MERCURY AIR CENTER-BHM**

**RS# Y4MR806Y**

REGISTRATION: N1640C

HOBBS/TACH: 784.9

MODEL/SERIAL#: 0579

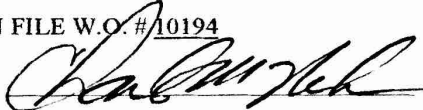
A/F TOTAL TIME: 784.9

1. Completed an annual inspection IAW the Cirrus inspection guide.
2. Installed new #2 batteries.
3. Installed new rubber landing light mounts and cover lens.
4. Relined the right brake.
5. Installed a new right inboard flap hinge cover.
6. Placarded panel for disabled TKS system.
7. C/W SB 2X-57-05R1 Inspected the aileron hinge bearings and found them satisfactory. Installed safety washers.
8. SB 2X-24-04 N/A. 60 Amp gage installed.
9. C/W AD 76-07-12R1 Bendix switch.
10. Installed a new Deice system filter.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. # 10194

SIGNATURE



DATE: 6/17/05


AIRCRAFT TIME

# MERCURY AIR CENTER-BHM

RS# Y4MR806Y

REGISTRATION: N1640C  
HOBBS/TACH: 971.7

MODEL/SERIAL#: 0579  
A/F TOTAL TIME: 971.7

1. Completed an annual inspection IAW the Cirrus inspection guide.
2. Completed the Rev 6 mod on the PFD. AND REV 6.1 ON THE MFD. BAW
3. Installed a new left main tire and tube.
4. Removed and replaced the #4 CHT probe.
5. Completed the 12 month/100 hour brake caliper "O" ring seal replacement.
6. Reattached the loose left wing root fairing .
7. Secured the pitch trim motor attachment.
8. Replaced the left and right bolster grab placards.
9. Replaced the right and left flap hinge fairings.
10. Installed a new main battery, p/n G243S, s/n G02271165.
11. Balanced the nose wheel and corrected side play.
12. Replaced the left and right mid strut support brackets.
13. Installed a new #2 battery pack.
14. Replaced the left and right main gear upper support rubber grommets.
15. C/W SB 2X-53-02 Installed baggage strap adapters.
16. C/W SB 2X-32-14R1 Completed the main landing gear fairing mod and temp indicator installation.
17. C/W SB 2X-25-17R1 and AD 2005-17-19 Replaced the crew seat breakover pins.

THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED.

DETAILS ON FILE W.O. # 11279

SIGNATURE *Chris M. [Signature]*

DATE: 7/1/06

*See OUT OF SEQUENCE Annual C/P 7 Aug 07 @ TTRAF 1104.0 see MAINTENANCE RECORD OF LOG BOOK*



# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

**MONTGOMERY AVIATION REPAIR STATION #EA4R147M**

**AIRFRAME**

2-Nov-07

HOBBS 1125.3

WO# 15518

CIRRUS SR22

N 1640C

S/N: 579

Replaced MCU with overhauled MCU 120 S/N 00437. Routed new cables Alt 1, Alt 2, starter battery, grounds as original and secured. Post run ops check good. Recowled engine.

**The maintenance actions identified above have been inspected and found to be airworthy.**

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

Pertinent details of the repair are on file at this repair station under Order No. MISS18 Date 02NOV07

Signed *[Signature]* for  
(signature of authorized representative)

Montgomery Aviation Corporation

O. Box 92, Montgomery, Alabama. "certificate no. #EA4R147M"



INSPECTION RECORD  
F.A.R. 43.11-91.409



ANN ARBOR  
Aviation Center, Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108  
Phone 734-662-6806  
Fax 734-662-0559

2 July 2008

N1640C  
Aircraft

1203.8 Hobbs  
1203.8 AFTT

Performed an Annual Inspection in accordance with Cirrus Scheduled Inspection Report dated May 30, 2008. Complied with FAR 91.207(d) ELT inspection, due again by 31 July 2009, battery due replacement by 31 March 2015. Replaced induction filter BA-24, replaced #2 batteries 50979-001, replaced field control module 14605-010, replaced all brake linings 66-10500.

CW AD 2008-06-28 (4/10/08 PFD) N/A by S/N.

CW AD 2008-06-28R1 (4/10/08 PFD) N/A by S/N.

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

Russell Norris *Russell Norris*  
372022742 A&P



ANN ARBOR  
Aviation Center, Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 26 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108  
Phone 734-662-6806  
Fax 734-662-0559

8 August 2008

N1640C  
Aircraft

1254.8 Hobbs  
1254.8 AFTT

Performed 50-Hour inspection in accordance with Cirrus Scheduled Inspection Report dated May 30, 2008. Performed calibration on magnetometer per Cirrus Maintenance Manual, removed Auto Pilot Controller P/N 01192-34-61T-30 S/N 5975 Software R.6 and replaced with P/N 01192-34-61T-30 S/N 0737-12747 Software R.7.

CW AD 2008-13-28 (7/17/08 Propeller Hub) N/A by S/N.

Russell Norris *Russell Norris*  
372022742 A&P

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**18 September 2008**

**N1640C  
Aircraft**

**1303.5 Hobbs  
1303.5 AFTT**

Performed an Annual Inspection in accordance with Cirrus Scheduled Inspection Report dated May 30, 2008. Complied with FAR 91.207(d) ELT inspection, due again by 30 September 2009, battery due replacement by 31 March 2015. Replaced induction filter BA-24.

CW AD 2008-14-13 (8/14/08 Cabin Door) N/A by S/N.

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

Russell Norris  
372022742 IA



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS



719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0559

**31 October 2008**

**N1640C  
Aircraft**

**1353.6 Hobbs  
1353.6 AFTT**

Performed 50 Hour inspection in accordance with Cirrus Scheduled Inspection Report dated 30 May 2008.

Ross A. Schmidt  
365584077 A&P

INSPECTION RECORD  
F.A.R. 43.11-91.409

DATE



ANN ARBOR  
**Aviation Center** Inc.  
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS

719 Airport Drive  
Ann Arbor, MI  
48108

Phone 734-662-6806  
Fax 734-662-0599

26 November 2008

**N1640C**  
**Airframe**

**1347.1 Hobbs**  
**1347.1 ATT**

Removed and replaced #1 Battery G243 with new s/n G02394821 after servicing.

Ross A. Schmidt  
365584077 A&P

26 November 2008

**N1640C**  
**Airframe**

**1347.1 Hobbs**  
**1347.1 ATT**

Replaced oil pressure sender PN 12635-002. Replaced #2 CHT probe PN 14880-001. Ops check good.

Ross A. Schmidt  
365584077 A&P



**Avtech**

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Airframe Entry N1640C:

Cirrus SR22 S/N 0579 Date: 5/5/09 Hobbs: 1395

Performed the following maintenance/ repairs: Installed reef line cutter kit 25347-001. lot no. TOS09B003-061 EXPIRATION DATE 02/2015. Perform Operational Checks. All Checks Satisfactory.

A&P400087835



N1640C SN:0579 Date: 5/8/2009 Airframe Hobbs: 1395.2

1. Removed propeller s/nFP2323B for overhaul. Installed overhauled propeller s/n FP3866B per Cirrus AMM 61-10.

Greg Herrmann 406901563IA



N1640C SN:0579 Date: 5/13/2009 Airframe Hobbs: 1395.2

1. Installed left and right sunvisor blades p/n12698-03.
2. Installed new TKS slinger ring feed tube p/n15388-02.
3. Installed left and right main tires Goodyear Flight Custom III p/n 301-043-006. Wheel bearings cleaned and lubed. Spin checks good.

Greg Herrmann 406901563IA



**N1640C S/N: 0579**

**Date: 6/3/2009**

**Airframe**

**Hobbs: 1404.4**

I certify that I have inspected this aircraft I/A/W an **100hour** inspection per Cirrus SR22 AMM rev. A3 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Cleaned, inspected and greased all wheel bearings.
3. Installed all flexible brake system lines p/n 70207-002 per Cirrus 5 year recommendation.
4. Installed all fuel system drain seals per Cirrus 5 year recommendation.
5. Installed gascolator seals per Cirrus 5 year recommendation.
6. Installed new brake o-rings p/n M83461/1-222 per Cirrus 100hour requirement.
7. Installed right landing gear grommet p/n 16937-002.
8. C/W Nose Landing Gear fillet weld Inspection per SR22 AMM Tempory revision 32-20-02. Inspected for cracks. None found.
9. All AD's and MSB complied with to this date.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA


F.A.R. 43.11-91.709

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

DATE AIRCRAFT TIME  
IN SERVICE

Registration # N1640C

Performed altimeter(s), static system and altitude reporting  
equipment tests as required by FAA Part 91.411 IAW FAR  
43, Appendix E.

Altimeter(s) and Static System Test Date: 9/15/2009

PFD S/N 22531264

Altimeter S/N 431421

Encoder S/N 83889

Tested to 20,000

Performed ATC transponder tests and Inspections as required by FAA  
Part 91.413 IAW FAR 43 Appendix F.

#1 Transponder Model GTX327 S/N 83713774

#2 Transponder Model N/A S/N N/A



SEP 15 2009

For Avionics, Inc.

FAA Repair Station DD1R082K



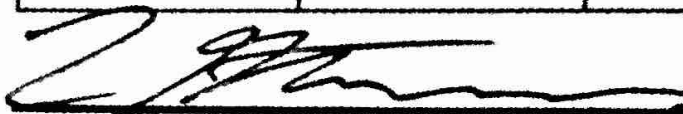
*Avionics, Inc.*

Altimeter S/N431424

DD1R082K

N1640C

Altitude Ft.	Altimeter Reads	Altitude Ft.	Altimeter Reads
-1000	-1000	14000	13970
0	0	16000	15995
500	515	18000	18020
1000	1005	20000	20060
2000	1980	22000	X
3000	2980	25000	X
4000	3995	30000	X
6000	5975	35000	X
8000	7960	40000	X
10000	9940	45000	X
12000	11975	50000	X



**SEP 15 2009**

For Avionics, Inc.

FAA Repair Station DD1R082K

TrueBlock™ Technology Patent Pending  
Use Avery® TEMPLATE 5168™

*Avionics, Inc.* PFD S/N 22531264

DD1R082K N1640C

Altitude Ft.	Altimeter Reads	Altitude Ft.	Altimeter Reads
-1000	-980	14000	13980
0	-15	16000	16000
500	515	18000	18000
1000	1000	20000	20000
2000	1980	22000	X
3000	2980	25000	X
4000	3980	30000	X
6000	5980	35000	X
8000	7980	40000	X
10000	9975	45000	X
12000	12000	50000	X

 SEP 15 2009

For Avionics, Inc.

FAA Repair Station DD1R082K

# 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
------	-----------------------------	---



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 10/9/2009 Airframe Hobbs: 1494.6**

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. A3 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Cleaned, inspected and greased all wheel bearings.
3. Installed new bushings in the nose fork p/n 50543-001, 50544-001
4. Installed new mixture cable p/n 14065-101.
5. Installed all new brake linings p/n 066-10500.
6. C/W elt inspection per FAR 91.207d

***Airworthiness Directives***

AD2009-16-03, NA by model number.

***Service Bulletins***

SB 2X-32-19 R1 accomplished at this time. Nose landing gear assembly inspection and reinforcement Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA


# 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



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 3/12/2010 Airframe Hobbs: 1589.5**

I certify that I have inspected this aircraft I/A/W an Annual inspection per Cirrus SR22 AMM rev. A3 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Cleaned, inspected and greased all wheel bearings.
3. Installed new ~~bushings~~ right position light p/n 34-0428070-64.
4. Installed new right position light lens p/n 68-4250066-30.
5. Installed new right landing gear fairing clip p/n 13641-001.
6. Installed new nlg fairing brackets p/n 11799-003.
7. Installed new nose tire 5x5.00 Good year FLC III.
8. C/W elt inspection per FAR 91.207d

**Service Bulletins**

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA


# 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
------	-----------------------------	---



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



**N1640C** Date: 5/20/2010 Airframe Hobbs: 1646.3 TTAF: 1646.3

1. Installed new right strobe light p/n 36-0050705-00. Functional tests normal

Greg Herrmann 406901563IA



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579** Date: 6/16/2010 Airframe Hobbs: 1689.7

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. A3 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Installed new number 1 battery p/n G-243 s/n G02497574.
3. C/W elt inspection per FAR 91.207d

### Service Bulletins

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement  
Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME  
IN SERVICE



4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



**N1640C** Date: 7/13/2010 Airframe Hobbs: 1736.7 TTAF: 1736.7

1. Installed new right main tire Michelin Aviator p/n 061-501-0 s/n 8174W00227 and tube Goodyear p/n302-246-401. Spin checks good.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



**N1640C** Date: 10/13/2010 Airframe Hobbs: 1881.8 TTAF: 1881.8

1. Installed new right strobe light p/n 36-0050705-00. Functional tests normal

Greg Herrmann 406901563IA

Records must contain an

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

\_\_\_\_\_  
KIND OF INSPECTION - STATUS & DISCREPANCY LIST  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 8/12/2010 Airframe Hobbs: 1791.9**

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. B dated 15 June 2010 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Installed new number 1 battery p/n G-243 s/n G02497574.
3. Repaired right wheel fairing at axle attachment.
4. Installed new brake linings on left and right brakes p/n 066-10500.
5. Installed new #1 alternator drive coupling p/n 646655 s/n DRK114267
6. Installed overhauled #1 alternator p/n 646843 s/n J081843 per Cirrus AMM 24-30 pg 13.
7. Installed new #2 batteries p/n 50967-001.

**Service Bulletins**

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement. Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA


DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS  
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C SN:0579 Date: 9/2/2010 Airframe Hobbs: 1831.5**

1. Installed new nose tire p/n 505C66-5 5.00-5 Goodyear FLCIII and Michelin inner tube p/n 092-308-0 Per Cirrus AMM 32-41 pg. 5. Spin checks good. Installed nose fairing.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



**N1640C Date: 10/14/2010 Airframe Hobbs: 1881.8 TTAF: 1881.8**

1. Installed new right strobe light p/n 360050705-00. Functional tests normal

Greg Herrmann 406901563IA



# 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
------	--------------------------	---



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 10/28/2010 Airframe Hobbs: 1891.4 AFTT: 1891.4**

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. B dated 15 June 2010 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Installed new aft tie down bumper p/n 16678-001

***Service Bulletins***

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement.  
Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA




4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N1640C Date: 11/23/2010 Airframe Hobbs: 1922.6 TTAF: 1922.6

1. Installed new nose wheel pant brackets p/n 11799-003.

Greg Herrmann 406901563IA



Hangar #2, Lunken Airport  
Cincinnati, OH 45226

WO# Cirrus SR-22  
N1640C  
SN 0579  
WO# 2476

Removed Garmin GMA340 P/N 011-00401-10, S/N 96264977 for repair  
and installed Garmin Loaner GMA340 P/N 011-00401-010, S/N  
96256581. 8130-3 Approval # G6XR582Y

Ryan H Coffee CRS DD1R082K

Date **NOV 09 2010**

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

NAME OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



N1640C S/N: 0579 Date: 2/28/2011 Airframe Hobbs: 1992.4 AFTT: 1992.4

I certify that I have inspected this aircraft I/A/W an Annual inspection per Cirrus SR22 AMM rev. B dated 15 June 2010 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.

**Service Bulletins**

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement.  
Inspected for cracks, none found.

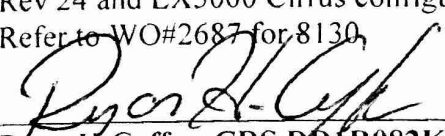
I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 4069015631A

Avionics, Inc. Hangar #2, Lunken Airport Cincinnati, OH 45226	Cirrus SR-22      N#1640C S/N 0579 WO# 2476
Removed Garmin GMA340 P/N011-00401-010 S/N96256581. Installed repaired GMA340 P/N011-00401-10 S/N96264977. See FAA Form 8130-3 dated November 15, 2010 for pertinent details of work performed.	
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>Ryan H Coffee CRS DD1R082K</p> </div> <div style="text-align: right;"> <p>Date 11/30/10</p> </div> </div>	

# 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	
		Avionics, Inc. Hangar #2, Lunken Airport Cincinnati, OH 45226	Cirrus SR-22 N1640C S/N 0579 WO#2687
		Removed Avidyne EX5000C P/N 700-00004-006 S/N 1670 and installed repaired warranty exchange unit P/N 700-00004-006 S/N 1694. Intallation and configuration completed IAW Avidyne Installation Manual: 600-00073 Rev 24 and EX5000 Cirrus configuration Manual 600-00714-000 Rev 1. Refer to WO#2687 for 8130.	
		 <span style="float: right;">Date <u>4-12-11</u></span>	
		Ryan H Coffee CRS DDTR082K	



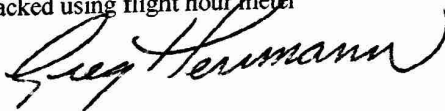
4510 Airport Rd.  
 Cincinnati OH 45226  
 (513) 321-1200



N1640C S/N: 0579 Date: 5/12/2011 Airframe Hobbs:2078.9 Flight: 0.0 AFTT:2078.9

Accomplished Cirrus Service Bulletin SB 2x-31-01 Installation of second hour meter (flight). Dual hobbs kit p/n 70150-001 installed per SB Instructions. Aircraft time will now be tracked using flight hour meter

Greg Herrmann 406901563IA



# 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
------	--------------------------	---



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 5/27/2011 Airframe Hobbs: 2097.2 Flight: 14.8 AFTT: 2093.7**

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. B dated 15 June 2010 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Installed new right main tire GY FSII p/n 301-249-420.
3. Installed new NLG pant brackets p/n 1179-003.
4. Installed new left MLG fairing bracket p/n 17205-001.
5. Installed new brake linings right MLG p/n 066-10500.
6. Inspected elt per FAR 91.207d. Test good.

***Service Bulletins***

SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement.  
Inspected for cracks, none found.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

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



4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



N1640C Date: 6/20/2011 Airframe Hobbs: 2152.5 Flight: 58.9

1. Resealed pilot and copilot door windows using CS3204B1 sealant.
2. Installed new pilots cup holder p/n 51179-001.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



N1640C Date: 6/24/2011 Airframe Hobbs: 2157.9 Flight: 63.5

1. Installed overhauled roll trim motor assembly p/n 12546-003S s/n H1103/839.  
Functional tests normal.

Greg Herrmann 406901563IA



**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



4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



**N1640C S/N: 0579 Date: 8/5/2011 Airframe Hobbs: 2221.8 Flight: 115.4 AFTT: 2194.3**

I certify that I have inspected this aircraft I/A/W an **Annual** inspection per Cirrus SR22 AMM rev. B1 dated 31 May 2011 Chapter 5-20 and determined it to be airworthy for return to service. The following work was accomplished at this time:

1. Serviced all lubrication items as needed.
2. Installed new left main tire GY FSII p/n 301-249-420 and tube p/n 097-500-0
3. Installed new nose tire GY FSII p/n 505C61-8 and tube p/n 092-308-0.
4. Installed new NLG pant brackets p/n 1179-003.
5. Installed new pilots door actuation disk p/n 12155-007
6. Installed new pilots door actuation lever p/n 12157-004
7. Installed new pilots door cable p/n 10642-002.

**Service Bulletins**

- SB 2X-32-19 R2 accomplished at this time. Nose landing gear assembly inspection and reinforcement.  
Inspected for cracks, none found.
- SB 2X-77-02 R2 accomplished at this time. Engine temperature Sensor modification.  
By installation of kit p/n 70134-001.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH.45226 (513) 321-1200



**N1640C SN: 0579 Date: 8/5/2011 Airframe Hobbs: 2221.8 Flight: 115.4**

1. This entry closes this logbook

Greg Herrmann 406901563IA