

THE
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**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. N670CD

Aircraft Manufacturer CIRRUS

Model SR22

Serial No. 1196

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1.		
2.		
3.		
4.		
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20.		



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

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DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICE

Date: 2/3/2006

N-Number: 670CD



Hobbs: 613.7

TTIS 613.7

Removed and replaced Autopilot with exchange unit, P/N 13560-002S, SN: 0451-7678. Ops checked good.

[Signature]
FAA Repair Station # BSBRS96C

12-12-2008	1489.7	268.0	N670CD - Electronic Charts have been updated on MFD. New due date is 12-26-2008. <i>[Signature]</i> Pat Jones, Administrative Supervisor
12-15-2009		434.1	N670CD - Electronic Charts have been updated on MFD. New due date is 12-24-2009. <i>RKERN</i> Rodney Kern A&P 2811981
12-15-2009		434.1	N670CD - Garmin WAAS GPS data cards have been updated with the Americas. New due date is 1-13-2010. Avidyne Americas NavData has been updated on the MFD. New due date is 1-13-2010. <i>RKERN</i> Rodney Kern A&P 2811981
12-24-2009		434.1	N670CD - Electronic Charts have been updated on MFD. New due date is 1-7-2010. <i>RKERN</i> Rodney Kern A&P 2811981
1-8-2010		434.1	N670CD - Garmin WAAS GPS data cards have been updated with the Americas. New due date is 2-11-2010. Avidyne Americas NavData has been updated on the MFD. New due date is 2-11-2010. <i>RKERN</i> Rodney Kern A&P 2811981
1-8-2010		434.1	N670CD - Electronic Charts have been updated on MFD. New due date is 1-21-2010. <i>RKERN</i> Rodney Kern A&P 2811981
1-21-2010		434.1	N670CD - Electronic Charts have been updated on MFD. New due date is 2-4-2010. <i>RKERN</i> Rodney Kern A&P 2811981
2-4-2010		452.8	N670CD - Electronic Charts have been updated on MFD. New due date is 2-18-2010. <i>RKERN</i> Rodney Kern A&P 2811981

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2-11-2010		452.8	N670CD - Garmin WAAS GPS data cards have been updated with the Americas. New due date is 3-11-2010. Avidyne Americas NavData has been updated on the MFD. New due date is 3-11-2010. <u>R KERN</u> Rodney Kern A&P 2811981
2-19-2010		452.8	N670CD - Electronic Charts have been updated on MFD. New due date is 3-4-2010. <u>R KERN</u> Rodney Kern A&P 2811981

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

"Excellence Since 1940"



Date: 11/01/2010; Aircraft: N670CD; Type: SR22; S/N: 1196; Hobbs: 460.6; Total Time: ^{1775.9}1601.3

Removed United Instruments altimeter, P/N 5934D-3, SN: 441829 from aircraft, certified I/AW FAR 91.411 and Part 43, Appendix E, re-installed in aircraft. Certified Avidyne PFD, P/N 700-00006-000, SN: 20002266 in aircraft I/AW FAR 91.411 and Part 43, Appendix E, and Avidyne SB-601-00006-040. Certified Static system I/AW FAR 91.411 and Part 43, Appendix E. Performed Transponder/ Encoder Integration Tests I/AW FAR 91.411, 91.413 and Part 43, Appendix F.(8)(6)

Transponder Model, Garmin, GTX-327, P/N 011-00400-00, SN: 83718462.
Encoder Model, ACK, A-30, SN: 92410

I certify this Aircraft or Component has been inspected in accordance with FARs and applicable manufacturer specifications and were determined to be in airworthy condition.

[Signature]
FAA Repair Station BSR596C

AUGUSTA AVIATION, INC.

DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

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Date: 2/04/2013; Aircraft: N670CD; Type: SR22; S/N: 1196; Hobbs: 569.4; Total Time: 1884.7

Removed Transponder, Garmin GTX-327, P/N 011-00490-00, SN: 83718462 from aircraft. Verified problem with "0" key. VFR key, and "7" key also intermittent. Removed for factory repair and reinstalled repaired unit. Ops checked good. (8)(6) Removed Transponder, Garmin GTX-327, P/N 011-00490-00, SN: 83718462 from aircraft. Verified problem with "0" key. VFR key, and "7" key also intermittent. Removed for factory repair and reinstalled repaired unit. Ops checked good. (8)(6) Removed standby altimeter, United Instruments, P/N 5934D-3, SN: 441629 from aircraft and certified I/AW FAR 91.411 and Part 43, Appendix E. Re-installed standby altimeter in aircraft. Certified Avidyne PFD P/N 700-00006-000, SN: 20002266 I/AW FAR 91.411, Part 43, Appendix E, and Avidyne SB 601-00006-040. Performed Static Test I/AW FAR 91.411 and Part 43, Appendix E. Performed Transponder/Encoder Integration Tests I/AW FAR 91.411, 91.413 and Part 43, Appendix F. (8)(6)

Transponder Model: Garmin, GTX-327, P/N 011-00490-00, SN: 83718462
Encoder Model: A30, Encoder SN: 924100

I certify this Aircraft or Component has been inspected in accordance with FARs and applicable manufacturer specifications and were determined to be in airworthy condition.

[Signature]
FAA Repair Station BSR596C

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

AUGUSTA AVIATION, INC.
DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904


"Excellence Since 1940"



Date: 10/18/2013; Aircraft: N670CD; Type: SR22; S/N: 1196; Hobbs: 631.1; Total Time: 1946.4

Removed EX5000 MFD (P/N 700-00004-006, S/N 1756) and replaced old software card with new software card (P/N 530-00201-100 Rev 00). Restored original configuration and port settings. Reinstalled EX5000 MFD and ops check good. (6)(1)

I certify this Aircraft or Component has been inspected in accordance with FARs and applicable manufacturer specifications and were determined to be in airworthy condition.


FAA Repair Station BSB596C

AUGUSTA AVIATION, INC.
DANIEL FIELD (DNL)
1775 HIGHLAND AVE.
AUGUSTA, GA 30904

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Date: 5/05/2016; Aircraft: N670CD; Type: SR22; S/N: 1196; Hobbs: 2200.2; Total Time: 2200.2

Replaced faulty ACK A30 encoder, S/N 92410 with a new ACK A30.5 encoder, S/N 138870. Performed ops check, ops checked good. Repaired wires going to baggage mounted hobbs meter. Ops checked good. All work performed IAW the ACK A-30 Installation Manual, P/N A30M, Revision 06, Dated 2/11/15. The Garmin GTX327 Installation Manual, P/N 190-00187-02, Revision R, Dated May 1, 2014, Section 5, chapter 11 of AC 43-13 1B.

Performed the altimeter, static system, transponder and altitude reporting tests on the following listed instruments required by FAR's 91.411, 91.413 and 91.217, and were found to be within the limits of FAR Part 43, appendices E and F and AC 43-6C to 20,000 feet.

Avidyne PFD P/N 700-00006-000 S/N 20020437
Altimeter P/N 5934-D S/N 441829
Garmin GTX327 Transponder P/N 011-00490-00 S/N 83718462
Ack A30.5 Altitude Encoder S/N 138870

Date: 05/05/16 Hobbs: 2,220.0

I certify this Aircraft or Component has been inspected in accordance with FARs and applicable manufacturer specifications and were determined to be in airworthy condition.


FAA Repair Station BSB596C



DES MOINES

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA
50315-0302 TELEPHONE (515) 256-
5300 - FAX (515) 256-5537
dmfs.com
Serial Number
1196

N 670CD

Cirrus SR-22

Hobbs Reads 2368

TOTAL:

Removed GNS-430W Part Number 011-01060-40 Serial Number 92123911 for repair, reinstalled same after repair. Removed GNS-430W Part Number 011-01060-40 Serial Number 92123881 for repair, reinstalled same after repair.

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 agency under Work Order No 30862.

Date Signed 11/03/2017:


Arnold D. Hill

Des Moines Flying Service, Inc., FAA CRS G9CR485J



DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

MAKE Cirrus Design Corp
MODEL Sr22
S/N 1196
REG NO N727PW
WORK ORDER
5200-12-2019

**Classic Aviation, Inc.**

Repair Station No Z5VR153B
501 W 15th St
Pella, IA 50219
Phone 641-628-9393

DATE 12/28/2019
A/C TSN 2736 4
HOBBS 2736 4

Avionics Entries

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

Pilots Altimeter Model: Avidyne EXP-5000
Standby Altimeter Model: United 5934D-3
Transponder Model: Garmin GTX345
Encoder Model: Trans-Cal SSD120-30N-RS232

Serial number D1346
Serial number 441829
Serial number 3EG032129
Serial number SRN26914

The altimeters were tested to 20,000 feet on 12-28-2019
The transponder was tested on 12-28-2019
Encoder data correspondence was tested to 20,000 feet on 12-28-2019
Static system leak tested on 12-28-2019

Maintenance Release

The aircraft and/or component(s) on N727PW 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. 5200-12-2019, Dated 12/28/2019.

DATE: 12/28/2019

SIGNED:

Work Order: 5200-12-2019

Shane Vande Voort
Certified Repair Station No. Z5VR153B

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MAYDAY
AVIONICS INC

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	12-27-2021	S.O.	64022
MAKE	Cirrus	N#	N727PW
MODEL	SR22	S/N	1196
HOURS	2998.2		

Removed the defective United 5934D-3 Standby Altimeter, S/N 441829 and replaced with an overhauled unit, S/N 452625 referencing the Cirrus SR22 Maintenance Manual, P/N 13773-001, Rev B8.

- o Performed system correlation checks IAW 14 CFR § 91.217.
- o Performed Static system leak check per 14 CFR § 91.411 IAW Appendix E to Part 43.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXXR387Y

DATE

MAYDAY
 AVIONICS INC.

 4151 Aviation Blvd, Suite 2
 Grand Rapids, MI 49512
 (616) 953-9920
 www.maydayavionics.com

DATE	12-27-2021	S O	64022
MAKE	Cirrus	N#	N727PW
MODEL	SR22	S/N	1196
HOURS	2998.2		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

Paragraph (a) Static Pressure System:
 Certification Date: 12-27-2021

Pilot (#1): ☒ Copilot: ☐ Standby: ☐

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Transponder Certification Date: 12-27-2021

#1 Model:	P/N:	S/N:
GTX 345	011-03302-00	3EG032129
#2 Model:	P/N:	S/N:

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	EXP5000 / 700-00006-000	D1346	20,000 ft.
#1 Encoder	EXP5000 / 700-00006-000	D1346	20,000 ft.
Standby Altimeter	5934D-3	452625	20,000 ft.

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System ☒

#2 System ☐

Certification Date: 12-27-2021

FOR FAA CRS YXR387Y

DATE: 12-27-2021