

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AVIONICS  
MAINTENANCE  
RECORDS**



**AVIONICS  
MAINTENANCE RECORDS**  
(including transponder biennial checks)

Log No. \_\_\_\_\_

Aircraft Registration No. N215CP

Aircraft Manufacturer CIRRUS

Model SR-20

Serial No. 1741

**EQUIPMENT LISTING**

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
11.	_____	_____	_____
12.	_____	_____	_____
13.	_____	_____	_____
14.	_____	_____	_____
15.	_____	_____	_____
16.	_____	_____	_____
17.	_____	_____	_____
18.	_____	_____	_____
19.	_____	_____	_____
20.	_____	_____	_____



**AEROTECH PUBLICATIONS INC.**

P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359

DESCRIPTION OF WORK PERFORMED—  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

AIRFRAME  
TIME  
IN  
SERVICE

AVIONICS  
TIME  
IN  
SERVICE

**STERLING**

Replaced pressure switch for flight timer with new part # 14128-001.  
\*\*\*\*\*END\*\*\*\*\*

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Michael A. Hagan  
Dated: 6-22-07 N#: N215CP  
Tach: N/A TTSN: 364.8  
HOBBS: 364.8 For more info see w/o #32927  
FAA Repair Station Certification # WQ3R954L  
101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

## Sterling Avionics

FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

**STERLING**

TTIS  
528.5

Form #: SA-108

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.

ELT Part #: E-D1

ELT Serial #: 56504

Battery Installed:

Battery Due: 3/2013

Date: 11/20/06

Work Order #: 33282

Signed: Shenon

Reg. #: N215CP

**STERLING**

Replaced pressure switch for flight timer with new part # 14128-001.  
\*\*\*\*\*END\*\*\*\*\*

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Michael A. Hagan  
Dated: 7-16-08 N#: N215CP  
Tach: N/A TTSN: 781.3  
HOBBS: 781.3 For more info see w/o #33658  
FAA Repair Station Certification # WQ3R954L  
101 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

## Sterling Avionics

FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

**STERLING**

Form #: SA-111

Altimeter/static and altitude reporting equipment systems have been tested and inspected per appendices E &amp; F of Part 43 as required by FAR 91.411 calibrated to 20,000 ft.

Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.

Date: 10-14-2008

W.O. #: 33820

Reg. #: N215CP

TTIS: 918.0

Signed: Shenon

## Sterling Avionics

FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

**STERLING**

TTIS  
1006.5

Form #: SA-108

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.

ELT Part #: ACK-E01

ELT Serial #: 56504

Battery Installed:

Battery Due: 03/2013

Date: 01/06/2009

Work Order #: 33960

Signed: Shenon

Reg. #: N215CP

## Sterling Avionics

FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

**STERLING**

TTIS  
1526.2

Form #: SA-108

I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.

ELT Part #: ACK-E-01

ELT Serial #: 56504

Battery Installed:


Battery Due: 03/2013

Date: 02/02/2010

Work Order #: 34760

Signed: Shenon


Reg. #: N215CP



**Sterling Avionics**  
FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

Form #: SA-111  
Altimeter/Static and altitude reporting equipment systems have been tested and inspected per appendices E & F of Part 43 as required by FAR 91.411 calibrated to 24000 ft.  
Transponder(s) have been tested and inspected and found to comply with Appendix F of Part 43 I.A.W. FAR 91.413.  
Date: 11/05/2010 W.O. #: 35132  
Reg. #: N215CP TTIS: 2053.3  
Signed: F. Lemon

DESCRIPTION OF WORK PERFORMED—  
RE & CERTIFICATE NO. OF PERSON PERFORMING WORK



**Sterling Avionics**  
FAA Repair Station WQ3R954L  
Buchanan Field Airport  
101 John Glenn Drive  
Concord, CA 94520  
Tel: (925) 676-2100

Flight: 2157.9  
Hobbs: 2332.9  
Form #: SA-108  
I certify that the ELT has been inspected in accordance with the requirements of FAR Section 91.207(d), and was found to be in satisfactory condition.  
ELT Part #: ACK 6-01 ELT Serial #: 36504  
Battery Installed: Battery Due: MAR 2013  
Date: 02/03/2011 Work Order #: 35231  
Signed: F. Lemon Reg. #: N215CP

Removed defective Avidyne PFD. P/N 700-00006-000, S/N 20132346. Replaced with an Avidyne supplied OHC/Exch. like item, S/N 20018296. Set configurations to proper value. Performed magnetic calibration, static & airspeed leak checks. All operations ground checks nominal---END---

The component identified above was replaced and inspected IAW Federal Aviation Regulations and was found to be in an airworthy condition for return to service.

Signed: F. Lemon  
Dated: 08/16/2012 N#: 215CP Cirrus SR 20 S/N 1741  
Flight: 2525.1 TTSN: N/A  
HOBBS: 2700.1 For more info see w/o #36013  
FAA Repair Station Certification # WQ3R954L  
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: 676-5580

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.  
Altimeter(s) tested to 20000 Ft. N 215CP  
IAW FAR 43 App. E on 14 DEC 12  
Signed: [Signature] Date: 14 DEC 12  
Northcoast Services c/s WR3R955L Time 2766.4

Scale Corrections

STANDBY Altimeter N215CP

Reads	Add	Reads	Add
-1000	—	10000	+20
0	-10	12000	+20
500	—	14000	+20
1000	-10	16000	+25
1500	-5	18000	—
2000	-10	20000	-30
3000	-10	22000	—
4000	-5	25000	—
6000	+5	30000	—
8000	+15	35000	—

Date: 14 DEC 12 c/s WR3R955L  
Tested by: [Signature]

Scale Corrections

PFD Altimeter N215CP

Reads	Add	Reads	Add
-1000	—	10000	-5
0	—	12000	-5
500	—	14000	-5
1000	—	16000	-5
1500	—	18000	-5
2000	—	20000	-5
3000	-5	22000	—
4000	-5	25000	—
6000	-5	30000	—
8000	-5	35000	—

Date: 14 DEC 12 c/s WR3R955L  
Tested by: [Signature]

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.  
 Altimeter(s) tested to 20000 Ft. N 215CP  
 IAW FAR 43 App. E on 19 DEC 14 Date 19 DEC 14  
 Signed [Signature] Time 3000.0  
 Northcoast Services crs WR3R955L

#### Scale Corrections

STANDBY Altimeter N 215CP

Reads	Add	Reads	Add
-1000	-10	10000	0
0	-15	12000	+5
500	-20	14000	0
1000	-15	16000	0
1500	-20	18000	-15
2000	-20	20000	-50
3000	-15	22000	
4000	-15	25000	
6000	-5	30000	
8000	+5	35000	

#### Scale Corrections

PFD Altimeter N 215CP

Reads	Add	Reads	Add
-1000	0	10000	+5
0	0	12000	+5
500	0	14000	+5
1000	0	16000	+5
1500	0	18000	+5
2000	0	20000	+5
3000	0	22000	
4000	0	25000	
6000	0	30000	
8000	0	35000	

Date 19 DEC 14

crs WR3R955L

Tested by [Signature]

Date 19 DEC 14

crs WR3R955L

Tested by [Signature]

N <u>215CP</u>	Model: <u>SR 20</u>	SN: <u>1741</u>
TAT: <u>-</u>	TAC: <u>-</u>	Date: <u>28 JUL 2014</u>
Tach: <u>-</u>	Hobbs: <u>3808.5</u>	

I certify that Transponder/s

Model number: GTx 327  
 SN: 83735894  
 Model number: -  
 SN: -  
 Encoder A-30  
 SN: 103305

Installed in this aircraft have been tested and found to comply with the requirements of FAR 91.413(a) and FAR part 43 appendix F and E (c) Altitude reporting data (mode C) tested to 20000 feet.

Reference CMA CRS work order 8447 for details of work performed.

These articles were found to be airworthy and returned to service with respect to work performed on CMA CRS work order 8447.

I certify that the altimeter/s and static system/s

Model number: 152220-004  
 SN: 2013246  
 Model number: 12731-002  
 SN: 456648

Installed in this aircraft have been tested and found to comply with the requirements of FAR 91.411(a)(1) and FAR part 43 appendix E, tested to 20000 feet. Reference CMA CRS work order 8447 for details of work performed.

These articles were found to be airworthy and returned to service with respect to work performed on CMA CRS work order 8447.

[Signature]  
 Custom Mobile Avionics LLC  
 CRS # 8CMR693B

CUSTOM MOBILE AVIONICS LLC 1885 BUNKER HILL ROAD MARSHFIELD MO 65706  CRS # 8CMR693B		WORK ORDER #  8447		NAME <u>Justin /</u> ADDRESS _____ CITY <u>Branson West</u> STATE <u>MO</u> ZIP _____ PHONE _____ E-MAIL _____	
REGISTRATION <u>N215CP</u> AIRCRAFT MAKE <u>Cessna</u> MODEL <u>5820</u> SERIAL <u>1741</u> TACH <u>HOBBS</u> <u>3808.5</u> CYCLES _____ REMARKS _____ _____ _____ _____		DATE <u>28 JUL 2018</u> PAGE <u>1</u> OF <u>1</u>		I (WE) HEREBY AUTHORIZE THE ABOVE WORK ORDER TO BE DONE ALONG WITH THE NECESSARY MATERIALS AND HEREBY GRANT CUSTOM MOBILE, ITS EMPLOYEES THE RIGHT TO OPERATE SAID AIRCRAFT HEREIN DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION. IT IS FURTHER AGREED AND UNDERSTOOD THAT CUSTOM MOBILE, ITS EMPLOYEES ARE NOT RESPONSIBLE FOR ANY LOSS AND/OR DAMAGE, DIRECT, INCIDENTAL TO THE AIRCRAFT FOR REASONS BEYOND ITS CONTROL. I (WE) FURTHER AGREE TO GRANT CUSTOM MOBILE A LEIN ON SUBJECT AIRCRAFT AS SECURITY FOR PAYMENT OF THE AMOUNT OF LABOR PERFORMED AND/OR PARTS AND/OR MATERIALS SUPPLIED TO EFFECT SAID REPAIRS. IN CONSIDERATION OF CUSTOM MOBILE PERFORMING SAID WORK ON SUBJECT AIRCRAFT. I (WE) FURTHER AGREE AND HOLD CUSTOM MOBILE AVIONICS LLC, ITS EMPLOYEES HARMLESS AND IDENTIFY THEM FROM ANY AND ALL LIABILITY AND DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF SAID WORK AND/OR TESTING OF SUBJECT AIRCRAFT.  X _____	
#	DISCREPANCY/ITEM	ACTION		MECH	INSP
1	PRELIMINARY INSPECTION	Accomplished		-	Th
2	HIDDEN DAMAGE INSPECTION ( IF REQUIRED )	N/A		-	Th
3	PREDELIVERY INSPECTION	Accomplished to TR RS		-	Th
4.	Per Form 24 month <del>Transponder</del> Certification 6TX 327 83725894 A-30 103305	CW FAR 91.413 (a) and FAR Part 43 appendix F and E(c) to 20000 Feet.		-	Th
5.	Per Form 24 month Altimeter Certification 15220-004 2013246 12731-002 456648	CW FAR 91.411(a) (1) and FAR Part 43 appendix E to 20000 Feet.		-	Th
ALL LOGBOOK ENTRIES HAVE BEEN MADE AS REQUIRED AND INSPECTED FOR ACCURACY.		THE AIRCRAFT <del>ARTICLES</del> IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED ON THIS WORK ORDER.			
SIGNED <u>[Signature]</u>		SIGNED <u>[Signature]</u> 28 JUL 2018 SCM-80			



GRAM  
ME  
I  
VICE


Date: 8/30/2019  
W/O#: 0448

## Logbook Entry

Registration:	N215CP	Make/Model:	Cirrus SR 20	S/N:	1741
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Removed Garmin GNS 430, GTX 327, GA 56. Installed Avidyne IFD 540, L-3 NGT-9000R ADS-B in/out Transponder, Rami AV-801 GPS antenna and garmin GA-35 WAAS antenna, IAW STC # SA00343BO and STC # SA0244AK. Static system leak test completed. The installed ADS-B out system was shown to meet the equipment performance requirements of 14 CFR Part 91.227. See FAA form 337 dated this date for installation data. equipment list and weight and balance revised.

This aircraft is approved for return to service in accordance with current regulations of the Federal Aviation Administration with respect to work completed.

Signed:  Date: 8/30/2019

[illegible]