

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(Including transponder biennial checks)

Log No. _____

Aircraft Registration No. N313SR

Aircraft Manufacturer Cirrus

Model SR-22

Serial No. 1978

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

TIME
IN
SERVICE

IN
SERVICE

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

**DUNCAN
AVIATION**

Airframe Log Entry

Reg. # N313SR

Make: CIRRUS

Model: SR-22

S/N: 1978

Date: 4/15/10

Hrs: 420.8

Lnds: _____

performed 2 year pitot/static ops checks. Tested and inspected the pilot's and standby static pressure systems, altimeter and automatic pressure altitude reporting system IAW title 14 CFR part 91.411 and the ATC transponder tests and inspections IAW Title 14 CFR part 91.413(a) and found to comply with Title 14 CFR part 43, appendices E and F. Aircraft was tested to 20,000ft.

ADC P/N- 700-00006-000
STBY ALT. P/N- 5934D-3
XPDR- P/N- 011-00490-00

S/N- 20006196
S/N- 452689
S/N- 83724039

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # **UVTWA**

Signed: Peter Marte Q.I. 1072

Duncan Aviation CRS#JGV3194F

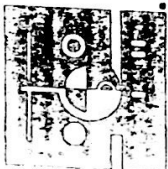
Phone: 914-686-8294

DUNCAN
Q.I. 1072

Static System C
14 CFR 43, A

Cirrus SR-22

DUNCAN
AVIONICS



Aircraft Make and Model:

Owner: _____ Aircraft Hours: _____

Work Order # UVTWA Squawk _____

Date 4/15/10 System Tested _____

Altimeter Scale Error and Friction Tests (14 CFR 43 Appendix E)

Altitude in Feet	Scale Error Permitted ± in Feet	Actual Error ± in Feet
-1,000	20	<u>NA</u>
0	20	<u>D</u>
500	20	<u>500</u>
1,000	20	<u>1000</u>
1,500	25	<u>1500</u>
2,000	30	<u>2000</u>
3,000	30	<u>3000</u>
4,000	35	<u>4000</u>
5,000	40	<u>5000</u>
6,000	40	<u>5990</u>

ge No.

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
------	--------------------------	--------------------------

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



Airframe Log Entry

Reg. # N313SR Make: CIRRUS Model: SR-22
 S/N: 1978 Date: 4/15/10
 Hrs: 420.8 Lnds: _____

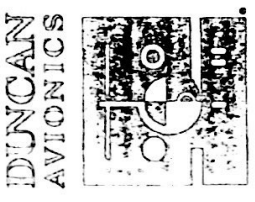
Performed 2 year pitot/static ops checks. Tested and inspected the pilot's and standby static pressure systems, altimeter and automatic pressure altitude reporting system IAW title 14 CFR part 91.411 and the ATC transponder tests and inspections IAW Title 14 CFR part 91.413(a) and found to comply with Title 14 CFR part 43, appendices E and F. Aircraft was tested to 20,000ft.

ADC P/N- 700-00006-000 S/N- 20006196
 STBY ALT. P/N- 5934D-3 S/N- 452689
 XPDR- P/N- 011-00490-00 S/N- 83724039

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # UVTWA

Signed: Peter Marte Q.I. 1072  
 Duncan Aviation CRS#JGVR194F Phone: 914-686-8294

Static System C
14 CFR 43, App



Cirrus SR-22

Aircraft Make and Model: Cirrus SR-22
 Aircraft Hours: _____
 Owner: _____
 Work Order # UVTWA Squawk _____
 Date 4/15/10 System Tested _____

Altimeter Scale Error and Friction Tests (14 CFR 43 App E)

Altitude in Feet	Scale Error Permitted ± in Feet	Actual Error Airframe
-1,000	20	NA
0	20	D
500	20	500
1,000	20	1000
1,500	25	1500
2,000	30	2000
3,000	30	3000
4,000	35	4000
5,000	40	5000
6,000	40	5990

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
------	-----------------------------------	-----------------------------------

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

DATE: 02 June, 2011
A/C TSN: 598.7
FLIGHTTIME: 448.3

MAKE: Cirrus
MODEL: SR-22
S/N: 1978
REG. NO: N313SR
WORK ORDER: 06614-05-2011

US Flight Aircraft Maintenance

136 Tower Rd
White Plains, NY 10604
Phone: 914-288-8088

Avionics Entries

24 MFD LOOSES TRAFFIC INFORMATION (INTERMITTENT).... Failed traffic computer RF bridge. Removed TRC 497 Traffic Computer P/N 805-10800-001 S/N 83785. Sent unit for repair @ L-3 Communications.

The work performed has been approved for return to service.

DATE: 02 June, 2011

SIGNED:



Bernard Paquette, A&P: 445400371A

Work Order: 06614-05-2011

Printed by EBis 3 (datcomedia.com)

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO# 26689	Hobbs: 471.6	Aircraft TT: 471.6	Model: SR22
Reg #: N313SR	Ser #: 1978	Manuf: Cirrus	

The ATC Transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Perform correspondence check between automatically reported pressure altitude data and pilot's altitude reference as per FAR 91.217. The Pitot/Static System has been inspected in accordance with FAR 91.411 and found to be AIRWORTHY. Details of these inspections are on file at this Repair Station.

Transponder #1 Make/Model: Garmin GTX327

SN: 83724039

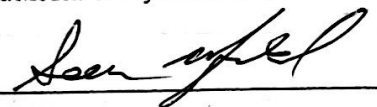
Transponder #2 Make/Model: —

SN: —

Air Data Computer Make/Model: Avidyne EXP5000

SN: 20006196

Authorized Signature:



Date: 6/12/2012

MAKE: Cirrus
MODEL: SR-22
S/N: 1978
REG. NO: N313SR
WORK ORDER:
06663-06-2011

US Flight Aircraft Maintenance

136 Tower Rd Hangar M
White Plains, NY 10604 USA
Phone: 914-288-8088

DATE: 26 October, 2011
A/C TSN: 607.9
FLIGHTTIME: 455

Avionics Entries

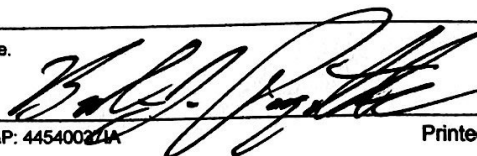
(1) MFD LOOSES TRAFFIC INFORMATION (INTERMITTENT).... Failed traffic computer RF bridge. Removed TRC 497 Traffic Computer P/N 805-10800-001 S/N 83785. Sent unit for repair @ L-3 Communications. Installed REPAIRED TRC 491 P/N 805-10800-011 S/N 83785 by L3 FAA NN2R037L airworthiness release track # 11/87495. All work performed IAW Cirrus R-22 AMM 34-40. Flight testing required.

Awaiting functional check

The work performed has been approved for return to service.

DATE: 26 October, 2011

SIGNED:



Bernard Paquette, A&P: 44540021A

Work Order: 06663-06-2011

Printed by EBis 3 (datcomedia.com)

DATE	AIRFRAME TIME	AVIONICS TIME	DESCRIPTION OF WORK PERFORMED— CERTIFICATE NO. OF PERSON PERFORMING WORK
C&W Aero Services Inc. CRS HX1R208K			
I certify that the following tests were performed on Altimeter model <u>5934D-3</u>			
S/N <u>452639</u> in accordance with FAR Part 43 Appendix E as outlined in			
Tables I, II, III, and IV. Altimeter tested to <u>20</u> ,000 ft.			
Work Order No. <u>26495</u> Date: <u>6/12/2012</u>			
Performed By: <u>[Signature]</u>			

Form No. CWF-014

Fairfield, NJ 07004 FAA Repair Station HX1R208K		
Master Reads	Altimeter Reads	
	Encoder NO	Altimeter
-1000		-1010
0		0
500		500
1000		1000
1500		1500
2000		2000
3000		3010
4000		4010
6000		5980
8000		7965
10000		9940
12000		11950
14000		13950
16000		15965
18000		18000
20000		20010
22000		
25000		
30000		
35000		
Altimeter Make: <u>United Instruments</u>		
Altimeter Model: <u>5934D-3</u>		
Altimeter S/N: <u>452639</u>		
Tested By: <u>[Signature]</u>		
Date: <u>6.12.12</u> Work Order No. <u>26485</u>		
Form No. CWF-013		

C&W Aero Services Inc. CRS HX1R208K

I certify that the following tests were performed on Altimeter model EXP5000
 S/N 20006196 in accordance with FAR Part 43 Appendix E as outlined in
 Tables I, II, III, and IV. Altimeter tested to 20,000 ft.
 Work Order No. 26484 Date: 6/12/2012
 Performed By: [Signature]

Form No. CWF-014

Fairfield, NJ 07004 FAA Repair Station HX1R208K		
Master Reads	Altimeter Reads	
	Encoder NO	Altimeter
-1000		-1015
0		-5
500		495
1000		995
1500		1495
2000		1995
3000		2990
4000		3970
6000		5990
8000		7990
10000		9985
12000		11985
14000		13980
16000		15980
18000		17980
20000		19980
22000		
25000		
30000		
35000		
Altimeter Make: <u>Avidyne Corp.</u>		
Altimeter Model: <u>EXP5000</u>		
Altimeter S/N: <u>20006196</u>		
Tested By: <u>Charles Reide</u>		
Date: <u>6.12.12</u> Work order No. <u>26484</u>		
Form No. CWF-013		

DATE

TIME IN SERVICE

TIME IN SERVICE

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



Airframe Log Entry

Reg. # N313SR

Make: CIRRUS

Model: SR-22

S/N: 1978

Date: 8/28/14

Hrs:689.0

Lnds:

Performed 2 year pitot/static ops checks. Tested and inspected the pilot's and standby static pressure systems, altimeter and automatic pressure altitude reporting system IAW title 14 CFR part 91.411 and the ATC transponder tests and inspections IAW Title 14 CFR part 91.413(a) and found to comply with Title 14 CFR part 43, appendices E and F. Aircraft was tested to 20,000ft.

I certify that this aircraft has been inspected IAW 91.411/413 inspection and was determined to be airworthy condition. Pertinent details of this repair/maintenance are on file at this repair station under Work Order #36WRA

Signed: Peter Marte Q.I. 1072

Duncan Aviation CRS#JGVR194F

Phone: 914-686-8294

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO # 29923	Hobbs: 527.4	Aircraft TT:	
Reg. #: N313SR	Ser #: 1978	Manuf.: Cirrus	Model: SR22

1. Avidyne EX5000 MFD is blank. Inspect connection OK. Remove unit for flat rate repair at Avidyne. Reinstall after repair and set up as per configuration guide for SR22 G2. Post system check out OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: _____

CRS #HX1R208K

Date: 10/9/2015

DATE

"N" #: N313SR Make: CIRRUS Model: SR22 Serial #: 1978 Total Time: 1173.8 Date: 01/28/2020

Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. 2 YR ALTIMETER, TRANSPONDER & STATIC CERTIFICATION DUE - STANDBY ALTIMETER FAILED BORO SCALE TEST AND HAS BENT SHAFT. REMOVED UNITED P/N 5934D-3A.249G S/N 452639 AND INSTALLED INPECTED EXCHANGE UNIT UNITED P/N 5934D-3A.249G S/N 430885 WITH CALIBRATION DATE OF 03JAN20. SYSTEM HAS STATIC LEAK, TROUBLESHOT AND FOUND LEAK TO BE IN THE STANDBY AIRSPEED INDICATOR. REMOVED SIGMA TEK P/N EA5175-11L-CIR S/N T47557 AND SENT OUT FOR REPAIR. RECEIVED SAME P/N & S/N UNIT BACK AS REPAIRED AND REINSTALLED. ACK ENCODER FAILED CORRELATION CHECK, COMPLIED WITH CALIBRATION IAW APPLICABLE SECTION OF THE ACK A-30 INSTALLATION MANUAL P/N A30M REV 04 12/2/05. ACK DATA A-30 MOD 4 S/N 101227. COMPLIED WITH TRANSPONDER CERTIFICATION IAW FAR 91.413 & PART 43 APPENDIX F ON THE AVIDYNE AXP340 P/N 200-00247-000 S/N 01006. COMPLIED WITH ALTIMETER CERTIFICATION, STATIC SYTEM TEST AND CORRELATION TEST IAW FAR 91.411 & PART 43 APPENDIX E ON THE AVIDYNE ENTEGRA P/N 700-00006-000 S/N 20006196.

*****MAINTENANCE RELEASE*****
 THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 96327.



SIGNED BY: [Signature] FOR
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
 FAA APPROVED REPAIR STATION NO. FEHR859D

I certify that the altimeter and static system tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per Para (A) and (B) App E FAR 43

LH Make Avidyne Model Entegra
 S/N 20006196 has been tested to 30,000 feet.
 RH Make --- Model ---
 S/N --- has been tested to --- feet.

Altitude Reporting System tested to 17500 ft.
 per Para (C) App E FAR 43
 Date 1-26-2020 Auth. Sign. [Signature]

EAGLE AVIATION, INCORPORATED 2861 AVIATION WAY
 COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169
 FAA APPROVED REPAIR STATION NO. FEHR859D WO # 96327

Installed Altimeter(s) Make United Mod 59340-3 S/N (s) 430885
 certified to meet Para (A) and (B) App E Far 43

By Mid-continent 06200616 under Work Order No: 000380161
 (Repair Station) (RS No.)

Altimeter tested to 20,000 feet on (Date) 1/3/2020
 Performed Static System test and inspection required by FAR Part 91.411 as per Para (A) App E FAR 43

Date 1-26-2020 Auth. Sign. [Signature]
 Altitude Reporting System tested to --- ft.
 per Para (C) App E FAR 43

EAGLE AVIATION, INCORPORATED 2861 AVIATION WAY
 COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169
 FAA APPROVED REPAIR STATION NO. FEHR859D WO # 96327

I certify that transponder Make Avidyne
 Model AXP340 S/N 01006
 and system has been tested and inspected and found to comply with the requirements of FAR 91.413
 W.O. # 96327 Date 1-3-20
 Approved By: [Signature]

For: EAGLE AVIATION, INC.
 2861 AVIATION WAY
 COLUMBIA METROPOLITAN AIRPORT
 WEST COLUMBIA, SOUTH CAROLINA 29169
 FAA APPROVED REPAIR STATION NO. FEHR859D

AVIONICS ENTRY

"N" #: N313SR **Make:** CIRRUS **Model:** SR22 **Serial #:** 1978 **Total Time:** 1200.0 **Date:** 05/16/2020

Description

1. **COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).**
2. **ALTIMETER AND AIRSPEED INACCURATE - OPS CHEKED AND PROBLEM VERIFIED. STANDBY INSTRUMENTS SHOWED SIGNS OF MOISTURE IN THE SYSTEM. REMOVED STANDBY ALTIMETER UNITED P/N 5934D-3A.249G S/N 430885 AND SENT OUT FOR REPAIR. REMOVED STANDBY AIRSPEED SIGMA TEK P/N EA5175-11L-CIR S/N T47557 AND INSTALLED OVERHAULED SIGMA TEK UNIT P/N EA5175-11L-CIR S/N T43772. RECEIVED ALTIMETER BACK AS REPAIRED UNITED P/N 5934D-3A.249G S/N S/N 430885. AND REINSTALLED. FOUND MOISTURE AT THE STATIC SYSTEM WATER TRAP AND IN OTHER PARTS OF THE STATIC SYTEM LINES. NO INDICATION OF MOISTURE IN THE PITOT ISYSTEM LINES. DISCONNECTED PITOT AND STATIC SYSTEM LINES AND NEEDED TO CLEAR MOISTURE AND RECONNECTED. REINSTALLED ALTIMETER AND AIRSPEED UNITS. REPAIR AND OPS CHECKS COMPLETED IAW CIRRUS SR22MM APPLICABLE SECTIONS OF CH 34-00 & 34-10. OPS CHECK GOOD.**

*******MAINTENANCE RELEASE*******

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 96552.



SIGNED BY: *Wm Wray* FOR
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
FAA APPROVED REPAIR STATION NO. FEHR859D