



DATE:10-20-2018

N213CD

TACH: 1731.1

Removed Garmin GNS 430 SN 97107340 sent to Bevan-Rabell for flat rate repair for lighting strike  
Removed Garmin GNS 430 SN 97100380 sent to Bevan-Rabell for flat rate repair for lighting strike  
bothh units reinstalled and tested .

Removed and replaced battery Gill PN G-243 SN G03009562 .useing Gill installation instructions.

Mark Krotky

AP 3110034 IA

N213CD 10/27/2018 Hobbs: 1730 TT: 1730

Serviced air filter BA-24.

Replaced manifold psi sender.

Replaced brakes.

Replaced top nose strut rubber blocks.

Lubed all flight controls, pulleys, cables, and gear.

Checked ELT IAW, FAR 91.207(d). Batteries next due 10/2019.

I certify I have inspected this aircraft IAW Cirrus Service Manual Annual/100HR inspection requirements, and found to be in airworthy condition.

C/W AD 08-11-18 exhaust system pressure check.

Return to service.

Tim Sipp IA 3071998



YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections Tests Repairs and Alterations
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Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

AeromechaniX

March 13, 2019  
W/O # 8231  
Hobbs: 1781.8

Installed new alternator P/N: ES-4024LP S/N: H-S100269. Removed center console panels for access to convenience power circuit card and switched headset power from position 3 (9v) to position 2 (17V). Aircraft run-up, check flight and systems checks all satisfactory.

Replaced ELT batteries per FAR 91.207(c) batteries next due: 03/2023. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time. Next test due: 03/2020.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538IA

Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

AeromechaniX

2450 MONTECITO RD RANMAJIA - CA

June 7, 2019  
W/O # 8290  
Hobbs: 1831.7

C/W AD 2008-11-18 Performed inspection IAW SB 2X-78-07 R1 and found satisfactory at this time. Inspection of heat exchanger next due: 1931.7.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP3230538







YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

MAKE: Cirrus Design  
MODEL: SR 20  
S/N: 1111  
REG. NO: N213CD  
WORK ORDER: 11252

### Ramona Avionics, Inc.

Repair Station No: XRMR802K  
2450 Montecito Rd  
Ramona, CA 92065  
Phone: 760-788-0546

DATE: 7/31/2019  
A/C TSN:  
TACH:

### Airframe Entries

The Altimeter and static system in this aircraft have been inspected and found to comply with Part 43 Appendix E as required by part 91.411 of the Federal Aviation Regulations. Altimeter tested to 20000 feet.  
The ATC Transponder(s) in this aircraft have been tested and inspected and found to comply with Part 43 Appendix F as required by Part 91.413 of the Federal Aviation Regulations.

DATE: 7/31/2019

SIGNED:

David Hainline  
Certified Repair Station No: XRMR802K

Work Order: 11252

Printed by EBis 3 (datcomedia.com)



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Model: Cirrus SR20  
S/N: 1111  
Reg No: N213CD  
AFTT: 1928.0

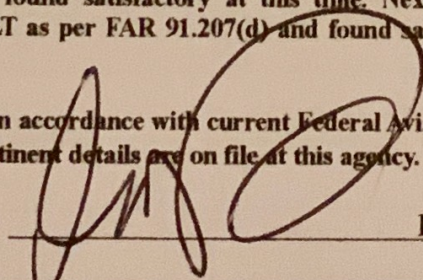
# Aeromechani

2450 MONTECITO RD RNMAYF - CA

NOV 01, 2019  
W/O # 8365  
Hobbs: 1928.0  
TSNEW: 1928.0  
TSNEWP: 1928.0

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 72/80 #2 74/80 #3 72/80 #4 76/80 #5 70/80 #6 73/80. Cylinder borescope inspection performed I.A.W. TCM SB03-03, visual inspection revealed normal indications for in-service cylinders. Drained oil, took routine oil sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108 and serviced engine with 7QTS of Phillips 20W-50 oil. Cleaned, inspected, and serviced all spark plugs. Checked magneto timing. Cleaned, inspected, and serviced gasolator & screen. Cleaned, inspected, and serviced battery. Lubricated engine controls and checked for freedom of movement. Replaced engine induction air filter with new Brackett filter P/N: BA-24. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Cleaned, inspected, and serviced all wheel bearings. Lubricated all airframe and systems per Cirrus lubrication chart. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time. Next test due at hobbs: 2028.0. CAPS rocket/parachute replacement due: 12/15/2020. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 11/2020. ELT batteries due: 03/2023. Ground run and check flight satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

  
Francisco Jimenez AP3230538IA




Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

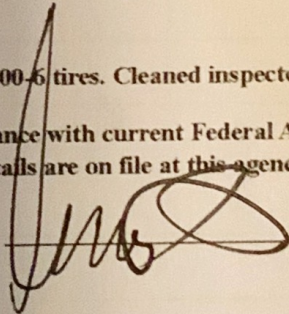
# AeromechaniX

2450 MONTECITO RD RANMAYF - CA

JULY 16, 2019  
W/O# 8312  
HOBSS: 1848.4

Replaced MLG tubes and tires with new Aeroclassic 15x6.00-6 tubes and AirHawk 15x6.00-6 tires. Cleaned inspected and serviced MLG wheel bearings.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

  
Francisco Jimenez AP32305381A

MAKE: Cirrus Design  
MODEL: SR 20  
S/N: 1111  
REG NO: N213CD  
WORK ORDER: 11252

## Ramona Avionics, Inc.

Repair Station No. XRMR802K  
2450 Montecito Rd  
Ramona, CA 92065  
Phone: 760-788-0546

DATE: 7/31/2019  
A/C TSN  
TACH

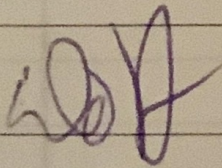
## Airframe Entries

The Altimeter and static system in this aircraft have been inspected and found to comply with Part 43 Appendix E as required by part 91.411 of the Federal Aviation Regulations. Altimeter tested to 20000 feet.

The ATC Transponder(s) in this aircraft have been tested and inspected and found to comply with Part 43 Appendix F as required by Part 91.413 of the Federal Aviation Regulations.

DATE: 7/31/2019

SIGNED:

  
David Hainline  
Certified Repair Station No. XRMR802K

Work Order: 11252

Printed by EBis 3 (datcomedia.com)



Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

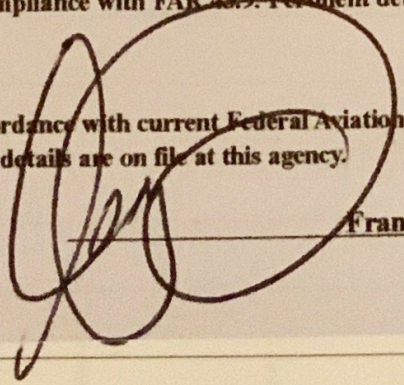
# AeromechaniX

2450 MONTECITO RD RNM/MYF - CA

MAY 22, 2020  
W/O: 8402  
Hobbs: 1953.7

1. Removed existing #2 Nav/Com/GPS (Garmin GNS430), transponder (Garmin GTX327), ACK Blind Encoder, and Century HSI, from the aircraft instrument panel and primary avionics stack.
2. Installed the following Garmin components: GNX375 p.n 010-01823-01 s.n 5GJ002217, GNC255A p.n 010-01025-50 s.n 2A8023118, GI275 ADAHRS + AP p.n 010-01912-20 s.n 5MZ200617, GI275 Battery Pack p.n 010-02304-00 s.n 5MZ601409, GMU11 p.n 010-01788-01 s.n 56J013442 in accordance with STC(s) SA02636SE, SA01714WI and Garmin installation manuals and guidance.
3. The GNX375 ADS-B in/out transponder navigator was inspected L.A.W. the post installation configuration and transponder checkout procedures in installation literature. ATC Transponder tests and inspections required by FAR 91.411/ 91.413 were performed and found in compliance with FAR 43 appendix f. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR part 91, § 91.227. Pertinent details of this inspection are on file at this agency.
4. The airplane flight manual supplement(s) and pilots guide: 190-02207-A3 Rev. 3, 190-02246-12 Rev.1, 190-01182-01 Rev. C were placed in the aircraft. The owner has been advised of continued airworthiness requirements, inspection and maintenance for this installation. Inspections at an interval consistent with (CFR 14) Part 91.409, referring to (14 CFR) Part 43 Appendix D in accordance with AC43.13-1B, Ch12 sections 1 and 2, with regard to inspection and maintenance practices of the above equipment. Garmin avionics components are designed to detect internal and system component failures. Detected errors are indicated on the equipment via failure annunciations. Maintenance is on condition. Transponder tests are required every 24 calendar months L.A.W. FAR 91.413, and recorded per FAR 43.9.
5. An electrical load analysis performed determined that the new electrical load is unchanged. The maximum electrical load requirements do not exceed 80% of the generating capacity of the charging system.
6. An entry in the aircraft logbook referencing this FAA form 337 has been made in compliance with FAR 43.9. Pertinent details of this alteration are on file at this agency.
7. Aircraft equipment list and weight and balance updated.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

  
Francisco Jimenez AP32305381A



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

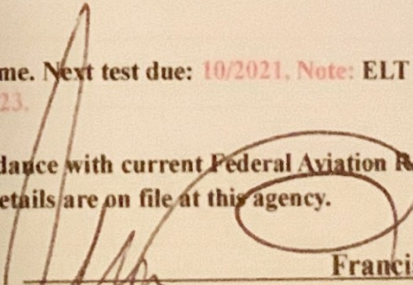
# AeromechaniX

2450 MONTECITO RD RNM/MYF - CA

March 13, 2019  
Hobbs: 2057.8

Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time. Next test due: 10/2021. Note: ELT batteries per FAR 91.207(c) batteries next due: 03/2023.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

 Francisco Jimenez AP32305381A

Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

# AeromechaniX

2450 MONTECITO RD RNM/MYF - CA

March 30, 2021  
Hobbs: 2070.3

This Aircraft has been inspected and been found safe for the intended flight from KRNM to F70 in accordance with Special Flight Permit dated 30/Mar/2021

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations. Pertinent details are on file at this agency.

Signed: 

AP32305381A



**AFTT: 2066.8**

# Aeromechani

2450 MONTECITO RD RVM/MYF-CA

TSNEWP: 2066.8

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 70/80 #2 72/80 #3 68/80 #4 70/80 #5 72/80 #6 71/80. Cylinder borescope inspection performed I.A.W. TCM SB03-03, visual inspection revealed normal indications for in-service cylinders. Drained oil, took routine oil sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108 and serviced engine with 7QTS of Phillips 20W-50 oil. Cleaned, inspected, and serviced all spark plugs. Checked magneto timing. Cleaned, inspected, and serviced battery. Lubricated engine controls and checked for freedom of movement. Replaced LH main tube and tire with new AirHawk 15/6.00-6 tire and Aeroclassic 15/6.00-6 tube. Replaced engine induction air filter with new Brackett filter P/N: BA-24. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 12/2021. ELT batteries due: 03/2023. C/W AD2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2166.8. CAPS rocket/parachute replacement due: 12/15/2020. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

**Francisco Jimenez AP3230538IA**







## AMI-Logbook Sticker



DATE: 08-12-2021

• I CERTIFY THAT THE ALTIMETER AUTOMATIC PRESSURE ALTITUDE REPORTING AND STATIC SYSTEMS TESTS AND INSPECTIONS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX E.  
ALTIMETER TESTED TO: 20,000  
PILOT ALTIMETER S/N: IN AIRCRAFT

I CERTIFY THAT THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 (A) HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX F.  
TRANSPONDER #1 S/N: IN AIRCRAFT

PERTINENT DETAILS OF THESE ALTERATIONS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER 6316 UNLESS SPECIFICALLY NOTED. ALL WORK WAS PERFORMED AS A MINOR ALTERATION AS DEFINED BY CFR TITLE 14, CHAPTER 1, SUB-CHAPTER A, PART 1. DEFINITIONS AND ABBREVIATIONS AND IN ACCORDANCE WITH AC43.13 ACCEPTABLE METHODS, TECHNIQUES AND PRACTICES. THIS AIRCRAFT, AIRFRAME, OR APPLIANCE INDEMNIFIED ABOVE HAS BEEN REPAIRED AND OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND MANUFACTURER DATA AND IS APPROVED TO RETURN TO SERVICE.

Authorized Signature \_\_\_\_\_

2111 N. Marshall Ave El Cajon CA 92020

Neal Aviation Repair Station: NOER588Y

[illegible]



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

MODEL: CIRRUS SR20  
 S/N: 1111  
 REG NO: N213CD  
 AFTT: 2499.1

**Aeromechanix**  
 2450 MONTECITO RD RNM/MYF - CA

JUNE 22, 2023  
 W/O: R-9187  
 HOBBS: 2499.1  
 TSNEW: 2499.1  
 TSNEWP: 0000.0

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 70/80, #2 70/80, #3 71/80, #4 71/80, #5 79/80, #6 71/80. A routine cylinder borescope inspection was performed I.A.W. TCM SB03-03, no anomalies noted. Drained oil and took routine sample for analysis. Cut open oil filter: some carbon found. Installed new Tempest oil filter P/N: AA48108, and serviced engine with 7QTS of Phillips 20W-50XC oil. Cleaned, inspected, and serviced all spark plugs. Checked and adjusted magneto timing. Installed new MT propeller I.A.W. STC#: SA03303CH; P/N: MTV-12-D/188-59B, S/N: 221524. See form 337 on file with this agency. Updated W&B to reflect these changes. Replaced propeller bearing on throttle quadrant P/N: 14929-001. Installed new alternator belt with new belt P/N: 53034-001. Repaired alt #1 field wire. Replaced engine induction air filter with new Brackett air filter P/N: BA-24. Replaced LH inner cylinder baffle support (#6) with new support P/N: 641341. Cleaned, inspected, and serviced all wheel bearings. Checked and adjusted nose steering tension. Replaced both caliper o-rings with new o-rings P/N: M83461/1-224. Replaced all brake linings with new Rapco linings P/N: RA066-14100. Replaced ALT #2 function control module with new Lamar module P/N: FM02-1, S/N: R94607. Performed dynamic prop balance; Starting IPS: 0.25 @ 050; Ending IPS 0.02 @ 023. Added 14.2 grams at 150 deg. from #1 blade. Lubricated engine controls and checked for freedom of movement. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 06/2024. ELT batteries due: 03/2026. C/W AD 2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2599.1. C/W AD 2006-21-03 Brake caliper piston o-ring seal inspection due at: black center of sticker. Ground run, leak check, and test flight satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP32305381A



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				<i>Out of Sequence</i>

MODEL: CIRRUS SR20  
S/N: 1111  
REG NO: N213CD  
AFTT: 2213.1

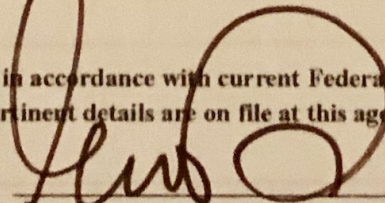
# Aeromechani

2450 MONTECITO RD RANMAYF - CA

APRIL 12, 2022  
W/O: R-8890  
HOBBS: 2213.1  
TSNEW: 2213.1  
TSNEWP: 2213.1

I certify this Aircraft Engine Propeller has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date. Differential compression test: #1 74/80 #2 75/80 #3 74/80 #4 70/80 #5 76/80 #6 72/80. A routine cylinder borescope inspection was performed I.A.W. TCM SB03-03, no anomalies noted. Drained oil and took routine sample for analysis. Inspected oil filter media for metal- non found. Installed oil filter p.n AA48108 and serviced engine with 7QTS of Phillips 20W-50XC oil. Cleaned, inspected, and serviced all spark plugs. Replaced one spark plug with new p.n REM38E. Checked and adjusted magneto timing. Replaced Lh/Rh brake discs discs/ linings p.n RA164-24400/ RA066-14100. Replaced Lh/Rh brake caliper o-rings with new after brake rotor and lining brake-in procedures. Replaced RH tube and tire AirHawk 15/6.00-6 tire + Goodyear 15/6.00-6 tube. Replaced nose tube and tire with AirHawk 5.00-5 tire + Aeroclassic 5.00-5 tube. Installed new ships battery Concorde p.n RG24-15M s.n 41205203. Replaced induction air filter p.n BA-24. Replaced fuel manifold bracket with new p.n 646507. Replaced Lh/Rh door struts + grommets. Replaced all NLG suspension pucks, bushings, and hardware as required. Lubricated engine controls and checked for freedom of movement. Inspected airframe and systems I.A.W. Cirrus SR20 service and periodic inspection checklists. Lubricated all airframe and systems per Cirrus lubrication chart. Performed functional test of ELT as per FAR 91.207(d) and found satisfactory at this time, test next due: 04/2023. ELT batteries due: 03/2023. C/W AD2008-11-18 by pressurization of exhaust system, found satisfactory at this time, next test due at hobbs: 2313.1. C/W AD2006-21-03 Brake caliper piston o-ring seal by replacement, next due at hobbs: 2313.1 or 04/2023 whichever occurs first. Ground run and leak check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.



Francisco Jimenez AP32305381A



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

8/18/23, 10:32 AM

AMI-Logbook Sticker

Ramona Avionics, Inc.

2450 Montecito Rd , Ramona CA 92065

Date: 08-18-2023 Logbook: Airframe Tail Number: N213CD

Tach:: Model: SR20 Serial: 1111 WO:20653

### Repairs / Maintenance

- Found many leaks in the static system, tightened many loose fittings and replaced janky Tee assembly. The Altimeter and static system in this aircraft have been inspected and found to comply with Part 43 Appendix E as required by part 91.411 of the Federal Aviation Regulations. Altimeter tested to 20000 feet. The ATC Transponder(s) in this aircraft have been tested and inspected and found to comply with Part 43 Appendix F as required by Part 91.413 of the Federal Aviation Regulations.  
MFG Garmin

The work described on the above work order was performed in accordance with current regulations of the FEDERAL AVIATION AGENCY. It is airworthy and is  
APPROVED FOR RETURN to service.

Certificate:XRMR002K | Authorized RTS Technician: David Hainline

Sign

| Date: 08-18-2023

[https://myamipro.com/logbook\\_sticker.cfm](https://myamipro.com/logbook_sticker.cfm)

1/1



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				OUT OF SEQUENCE

Model: Cirrus SR20  
S/N: 1111  
Reg No. N213CD

**Aeromechanix**

2450 MONTECITO RD RANMAYF - CA

July 6, 2022  
W/O: 8998

Removed Vacuum Attitude gyro PN:5000B, Engine driven vacuum pump, and Standby vacuum system.

Installed GI275 ADAHRS Primary Attitude indicator PN:011-04489-10 , SN:5MZ108356, GI275 Battery Pack p.n 010-02304-00, GSB 15 USB charger, SN:63M251048. Installed in accordance with STC(s) SA02636SE, SA01714WI and Garmin installation manuals and guidance.

The owner has been advised of continued airworthiness requirements, inspection and maintenance for this installation. Inspections at an interval consistent with (CFR 14) Part 91.409, referring to (14 CFR) Part 43 Appendix D in accordance with AC43.13-1B, Ch12 sections 1 and 2, with regard to inspection and maintenance practices of the above equipment. Garmin avionics components are designed to detect internal and system component failures. Detected errors are indicated on the equipment via failure annunciations. Maintenance is on condition.

5. An electrical load analysis performed determined that the new electrical load is unchanged. The maximum electrical load requirements do not exceed 80% of the generating capacity of the charging system.

6. An entry in the aircraft logbook referencing this FAA form 337 has been made in compliance with FAR 43.9. Pertinent details of this alteration are on file at this agency.

7. Aircraft equipment list and weight and balance updated.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service on this date. Pertinent details are on file at this agency.

Francisco Jimenez AP32305381A



Francisco Jimenez AP3230538