N522SR
LOG #2

The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CIRRUS DESIGN CORP. **Model** SR-22

Serial 2475 **Registration Number** N522SR

Date of Manufacture MAY 2007

Engine(s) currently installed:

Manufacturer _____ **Model** _____ **Serial** _____

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer _____ **Model** _____

HUB Model _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

YEAR
20
DATE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 22-2475** **Airframe Total Time: 1337.1**

13 June 2014 **Flight Hobbs: 1337.1** **Hobbs Meter: 1383.0**

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/ 3195/N522SR-5-21-14-1, dated 05-21-2014 on file. **ELT battery expiration date: January 2020. ELT remote arming switch battery due: March 2018.** Inspected Flight Hobbs Meter for condition, secured using new Cirrus double-sided tape, and fabricated and installed "Flight Hobbs" placard "sticker". Affixed "Alternate Static Source" switch trim plate. Installed new co-pilot's sun visor mount post P/N: R1740100. Installed new co-pilot's overhead cockpit light push on/off switch. Performed Transient Voltage Suppressor Inspection by checking continuity of installed fuses, no defects noted. Removed EMA controller S/N: 2FEB07-29 and installed overhauled /exchange unit, P/N: 508358-421, S/N: RA11JUN14-6. Unit overhauled by AMSAFE, Inc, Certificate No. PQ1967NM W/O# 78868-1, dated 06-11-2014. **Next EMA controller replacement due June 2021.** AmSafe post seat installation check satisfactory. Inspected pilot's and co-pilot's seat for condition and component security. Adjusted pilot's seat back break-over pins to fully engage in the fully reclined position. Inspected and lubricated pilot's and co-pilot's cabin door latches and hinges. Inspected, reseated and secured left wing forward navigation light lens. Removed deteriorated vertical fin mounted VOR antenna elastic grommets and resealed using RTV sealant. Cleaned affected areas and installed new vertical stabilizer "close-out" tape. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Repaired and reinstalled left fuel tank vent panel assembly. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged #1 aircraft battery. Inspected nose gear strut for condition and security and checked nose wheel fork side tension. Cleaned and reinstalled aircraft tow pins using Loctite 242. Cleaned, inspected, resealed, and reinstalled left and right main wheel brake calipers. Installed new brake caliper temperature placard "stickers", bled brake system and serviced reservoir, brake operational check satisfactory. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked oxygen cylinder service pressure. Inspected TKS de-ice flight surface panels and system components for condition and security.

 (Continued)

YEAR
20 ____
DATE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 22-2475** **Airframe Total Time: 1337.1**

13 June 2014 **Flight Hobbs: 1337.1** **Hobbs Meter: 1383.0** (Continued) (Page 2)

Installed new TKS system filter P/N: 908-01 and cleaned and reinstalled TKS in line finger screen. **Next TKS filter replacement due June 2016 or Flight Hobbs: 2537.1.** Checked TKS system for leakage and checked service level of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Bottle weight 505.3 grams. Inspected CAPS system for component condition and security. Wiped down and inspected engine cowling. Cleaned affected areas and affixed one landing light wiring harness "tie-down" block. Installed new inspection panel and installation hardware as needed. **Complied with Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next MCU corrosion inspection due June 2015 or Flight Hobbs: 1437.1. Complied with Cirrus SA 13-05 (Elevator Hine Pin Inspection)** by inspecting elevator hinges for condition and security and hinge pins for proper torque and safety per Service Advisory, no defects noted and no further action required. **Complied with Cirrus SB 2X-27-17 (Electronic Flap Relay Installation)** by removing electro-mechanical relay and installing new single electronic flap relay P/N: 29409-001 and completing operation per Service Bulletin Instructions, no further action required. **Complied with Cirrus SB 2X-28-11R3 (Fuel Line Replacement)** by cleaning and resealing of the glycol bay and fittings and installing new anodized fuel return line as outlined in Service Bulletin. Inspected new fuel line installation for system leakage, no defects noted and no further action required. **Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1437.1. Complied with Cirrus SB 2X-95-11 (Aft Tie Down Ballast Installation)** by installing Cirrus aft tie down ballast Kit P/N: 70152-001 per Service Bulletin. The Aircraft Weight and Balance have been revised per paragraph Q, no further action required. AD's checked through Biweekly 2014-11. Post inspection ground run-up and systems operational check satisfactory. Waxed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

L. John Wells A&P 3221132 IA w/o 34384

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S 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.)

LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N 522SR Date: October 2, 2014
Model # Cirrus SR-22 S/N 2475
HOBBS: 1441.1
AIRFRAME LOG ENTRY

Serviced all tires with nitrogen IAW POH

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01380**

LANDMARK AVIATION **FAA CRS# LN3R6 53L**

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S 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 Station. Use back page or for other specific entries.)

LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N 522SR Date: October 15, 2014
Model # Cirrus SR-22 S/N 2475
AFTT: 1390.8 HOBBS: 1447.9
IO-550-N (46) S/N 689544
AIRFRAME LOG ENTRY

C/W 50hr Inspection IAW SR22 MM 5-20

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01380**

LANDMARK AVIATION **FAA CRS# LN3R63L**

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N522SR Cirrus SR-22 sn: 2475 **June 9, 2015**

Hobbs: 1531.3

United Instrument Altimeter 5934AD-3 sn: 460717 has been tested /inspected per **FAR 91.411 Part 43 Appendix E** to 35K' by Centennial Instruments Inc. on their WO# 9928 dated June 9, 2015. See their 8130-3 issued this date. **Avidyne PFD 700-00006-000 sn: 20029387 Altimeter** has been calibrated and tested per **FAR 91.411 Part 43 Appendix E** to 25K' by Arapahoe Aero Avionics on our WO # AV-03418 dated June 8, 2015. See our 8130-3 issued this date. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: _____ AV-03418

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N522SR Cirrus SR-22 sn: 2475 **June 9, 2015**

Hobbs: 1531.3

The ATC Transponder test and inspection required by **FAR 91.413** has been complied with this date: June 9, 2015 on **Garmin GTX-327 sn: 83727864** and found to comply with **FAR Part 43 Appendix F.** Details of this test and inspection are on file at this Repair Station on our Work Order No. AV-03418.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: _____ AV-03418

YEAR
20
DATE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 22-2475** **Airframe Total Time: 1459.0**

25 June 2015 **Flight Hobbs: 1459.0** **Hobbs Meter: 1531.3**

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/ 3195/N522SR-6-9-15-2, dated 06-09-2015 on file. **ELT battery due January 2020. ELT remote arming switch battery due March 2018.** Reset MFD Fuel "Tab" soft key to 60 gallons. Repositioned cabin heat duct adjacent to pilot's kick panel to prevent further chafing on relay. Performed Transient Voltage Suppressor Inspection by inspecting fuses, no defects noted. Inspected pilot's and co-pilot's seat for condition and component security. Inspected and lubricated pilot's and co-pilot's cabin door latches and hinges. Adjusted co-pilots cabin door upper and lower striker plates for improved door seal fit. Inspected and lubricated roll trim cartridge. Tightened pitch trim motor mounting flange screws and reinstalled assembly, operational check satisfactory. Installed new left wing navigation light lamp P/N: 34-0428020-65. Secured right wing light module wiring harness adjacent to wing tip. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next #2 battery replacement due June 2017 or Flight Hobbs Time: 1959.0.** Inspected nose gear strut for condition and security. Checked nose wheel fork side tension. Installed new left main wheel tire P/N: 156E66-4, S/N: 41722446 and tube P/N: 097-500-0 and torqued wheel assembly hardware. Serviced tire to specified pressure and balanced wheel assembly. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Inspected left and right main wheel brake disks, calipers and linings. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers", bled brake system and serviced reservoir, brake operational check satisfactory. Inspected nose and main wheel fairings. Installed new right main fairing upper clip P/N: 13641-001. Repaired left main wheel fairing inboard panel and outboard axle bolt opening using composite type repair. Surface filled right main wheel fairing adjacent to outboard axle bolt hole location.

 (Continued)

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteratio** Entries must be endorsed with Name, Rating and Certificate Number c Technician or Repair Facility. (*See* back pages for other specific entrie

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR Cirrus SR22 S/N: 22-2475 Airframe Total Time: 1459.0

25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3

(Continued) (Page 2)

Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Serviced oxygen cylinder and checked service port for leakage. Inspected TKS de-ice flight surface panels and system components for condition and security. Checked TKS system for leakage and checked service level of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, bottle weight 498.1 grams. Inspected CAPS system for component condition and security. Cleaned and primed affected areas and reinstalled exhaust system heat shields to fuselage belly using new Cirrus double-sided tape P/N: 51847-045U. Wiped down and inspected engine cowling. Installed new inspection panel and installation hardware as needed. **Complied with Cirrus. SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next MCU corrosion inspection due June 2016 or Flight Hobbs: 1559.0. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1559.0. Avidyne SIL 606-00170-003 (DFC90 Autopilot Disconnect)** dated 11-19-2013, does not apply, DFC90 Top Level Part Number 510-00874-000 is installed, no further action required. AD's checked through Biweekly 2015-12. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

L. John Wells A&P 3221132 IA w/o 35659

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S 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.)

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

November 17, 2015 Hobbs 1609.1 Flt Hobbs 1523.5
N522SR Cirrus SR22 S/N 2475

Installed new main ship battery G-243, S/N G02875348. John Duffy A&P 3491366

MAKE: CIRRUS
MODEL: SR22
S/N: 2475
REG. NO: N522SR
WORK ORDER: 27283

APR Aviation

APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 9/3/2015
A/C TSN:
HOBBS: 1506.6

Airframe Entries

(2) Secured and sealed left heat shield on belly.----(3) Replaced foam door seal at left and right cabin doors.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 9/3/2015 SIGNED: Work Order: 27283

Stephen Denney
Certified Repair Station No. CP3R431L

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YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)

MAKE: CIRRUS
MODEL: SR22
S/N: 2475
REG. NO: N522SR
WORK ORDER: 27812

APR Aviation

APR Aviation, Inc.

Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 2/19/2016
A/C TSN: 1534.1
HOBBS: 1534.1

Airframe Entries

(1) Complied with 100hr inspection I/A/W APR Aviation Checklist.----(4) Removed aircraft cargo window, cleaned window and window frame from old sealant. Reinstalled window per manufacturers instructions. ----(6) C/W FAR 91.207 (d) ELT insp. Battery due: 6/2020----(7) C/W SB 2X-28-12R1 Electric fuel pump inspection. Complied with inspection. No discrepancies found at this time.----(8) C/W SB 2X-32-19R3 Nose landing gear assembly inspection. Complied with inspection. No discrepancies found at this time.----(12) C/W TAT SI11-01 Exhaust slip joint inspection. Complied with inspection. No discrepancies found at this time. ----(17) C/W TAT SI08-04 Cabin heat augmenter/ tail pipe inspection. Complied with inspection. No discrepancies found at this time.----(18) C/W SA 06-06 Master control unit corrosion inspection. Complied with inspection. No discrepancies found at this time.----(19) Removed right main break caliper, replaced o-rings and heat indicators, installed brake caliper back on right MLG. OP check good.----(20) Replaced left and right brake discs and linings.

I certify that the airframe identified above has been inspected in accordance with a 100 hour/annual inspection and has been found airworthy as of this date.

DATE: 2/19/2016 SIGNED: Work Order: 27812

Stephen Denney
Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

YEAR 20___ DATE	RECORD TACH TIME	Alterations (Give Number of specific entries.)

MAKE: CIRRUS
MODEL: SR22
S/N: 2475
REG. NO: N522SR
WORK ORDER: 27812

APR Aviation

APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 2/24/2016
A/C TSN: 1535.3
HOBBS: 1535.3

Airframe Entries

(5) Installed LoPresti Speed Merchant Boom Beam in accordance with STC SA02279AT, see form 337. Operational checks good.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 2/24/2016 SIGNED: Work Order: 27812

Stephen Denney
Certified Repair Station No. CP3R431L

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR Cirrus SR22 S/N: 22-2475 Airframe Total Time: 1557.8

29 July 2016 Flight Hobbs: 1557.8 Hobbs Meter: 1657.2

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, Beacon Test Report No. BT100AVtriple/ 3195/N522SR-7-22-16, dated 22 July 2016 on file. ELT removed due to G-switch failure and returned to manufacture for repair. Fabricated and applied "ELT NOT INSTALLED" placard on instrument panel adjacent to annunciator lights. Temporary Weight and Balance and Equipment List change reflecting the removal placed into POH. Performed Transient Voltage Suppressor Inspection by inspecting fuses, no defects noted. Inspected pilot's and co-pilot's seat for condition and component security. Inspected and lubricated pilot's and co-pilot's cabin door latches and hinges. Straightened pilot's door lower latch. Installed short section of seal on pilot's door. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Inspected nose gear strut for condition and security. Checked nose wheel fork side tension. **(Page 1)** **(Continued)**

YEAR 20 DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR Cirrus SR22 S/N: 22-2475 Airframe Total Time: 1557.8

29 July 2016 Flight Hobbs: 1557.8 Hobbs Meter: 1657.2

(Continued) (Page 2)

Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Inspected left and right main wheel brake disks, calipers and linings. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Applied new temperature stickers. Bled brakes and serviced reservoir. Inspected nose and main wheel fairings. Balanced nose tire as needed. Repaired elongated holes on right main fairing inner panel with fiberglass, drilling new holes. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Serviced oxygen cylinder and checked service port for leakage. Inspected TKS de-ice flight surface panels and system components for condition and security. Checked TKS system for leakage and checked service level of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, bottle weight 499.8 grams. Inspected CAPS system for component condition and security. Wiped down and inspected engine cowling. Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next MCU corrosion inspection due July 2017 or Flight Hobbs: 1657.3.** Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1657.3.** Complied with **Cirrus SB 2X-52-08 R2 (Cabin Door Struts)** by installing new door struts and catcher diverter's as included in kit P/N: 70544-001 and outlined in Service Bulletin, no further action required. AD's checked through Biweekly 2016-15. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

L. John Wells **L. John Wells A&P 3221132 IA** w/o 36965

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S 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.)

Mountain Aircraft Maintenance Inc.

P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986

N: 522SR Make: Cirrus SR22 S/N: 2475 Hobbs: 1665.1 Flt. Hobbs: 1563.8 DATE: 08/17/16

Reinstalled Artex ELT unit P/N 453-6603, S/N 03568. Operational check satisfactory. "ELT removed" placard removed, aircraft weight & balance data revised. ELT battery expiration date is June 2020. Aircraft returned to service for the work performed. W.O. 0822 - END -

Daniel L. Ingram
A&P3014106

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2475
REG. NO: N522SR
WORK ORDER:
1590-02-2017

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 2/28/2017
A/C TSN: 5.8
HOBBS: 1739.5

Airframe Entries

(1) Removed and replaced HID Ballast with new SN: 59406. Ops check good... (2) Replaced right aft recognition lamp with new, ops check good. .. (3) Inspected aircraft battery for state of charge, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1590-02-2017, Dated 2/28/2017.

DATE: 2/28/2017 SIGNED: Work Order: 1590-02-2017

Chris Tharp, A&P: 2755348AP

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YEAR
20 ____
DATE

RECO
TACH
TIME

MAKE: CIRRUS
MODEL: SR22
S/N: 2475
REG. NO: N522SR
WORK ORDER: 29254

APR Aviation

APR Aviation, Inc.

Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 6/20/2017
A/C TSN: 1651.7
HOBBS: 1651.7

I Alterations
ate Number of
pecific entries.)

Airframe Entries

(1) Complied with 100hr inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist.----(4) C/W FAR 91.207 (d) ELT insp. Battery due: 6/2020----(6) C/W SB 2X-32-19R3 Nose landing gear assembly inspection. No discrepancies found at this time.----(15) C/W SA 06-06 Master control unit corrosion inspection. No discrepancies found at this time.----(16) Secured aft mic jack----(17) Removed #2 Alternator P/N BC410-1 S/N 0253449 and replaced with OH alternator S/N 0253420 P/N BC410-1. Op checks good. ----(19) C/W Precise Flight oxygen system annual inspection items, no defects found.----(20) Inspected Tanis Heater system per ICA inspection criteria, no defects noted.----(22) Replaced #2 standby batteries. ----(23) Static system was tested in accordance with FAR 91.411. Performance was found to be in accordance with FAR 43 Appendix E to an altitude of 28,000. Tested transponder system in this aircraft in accordance with FAR 91.413. Performance was found to be in accordance with FAR 43 Appendix F. Transponder Garmin M/N GTX-327 S/N 83727864----(25) Replaced TKS filter.----(26) Repaired left and right engine baffles by riveting a patch on damaged areas.----(28) Resealed Right main landing gear brake caliper and installed new temp indicators. Replaced deteriorated brake pad shim----(29) Applied anti chafe tape at Left and Right upper MLG fairings.----(30) Replaced naca fuel vent at left wing access panel----(31) Re-glued loose firewall seal on lower left engine cowling----(33) Replaced broken grommet around throttle cable at engine baffling----(34) Repaired damaged threads with heli-coil insert at right NLG tow pin.----(35) Removed fuel boost pump and replaced with overhauled pump P/N 5217-00-3 S/N 3362. Op checks good----(36) C/W Amsafe inflatable seat belt function check. All checks good.----(38) Repositioned air vent ducts at right passenger vents. OP checks good.

I certify that the airframe identified above has been inspected in accordance with a 100 hour/annual inspection and has been found airworthy as of this date.

DATE: 6/20/2017 SIGNED: Work Order: 29254

Stephen Denney
Certified Repair Station No. CP3R431L

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YEAR
20 ____
DATE

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MAKE: CIRRUS
MODEL: SR22
S/N: 2475
REG. NO: N522SR
WORK ORDER: 29172

APR Aviation

APR Aviation, Inc.

Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 6/20/2017
A/C TSN: 1651.7
HOBBS: 1651.7

nd Alterations
cate Number of
specific entries.)

Airframe Entries

(1) C/W SB2X-95-18R3 CAPS Rocket motor assy. replacement. Installed Rocket motor p/n 29500-403 s/n 2494 EXP. 6/1/2027. Installed rebuilt parachute p/n 25574-004-REB s/n 02789R1 EXP 5/30/2027.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 6/20/2017 SIGNED: Work Order: 29172

Stephen Denney
Certified Repair Station No. CP3R431L

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ENGINE MODEL:
ENGINE S/N:
REG. NO: N522SR
WORK ORDER:
1727-12-2017

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 12/19/2017
A/C TSN: 112
ENG TT: 112
TSMOH:
HOBBS: 1845.7

Engine Entries

(1) Changed oil and filter, filter cut and inspected, no defects noted. Engine serviced with 8qts AS15W50. Engine washed and ground ran, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1727-12-2017, Dated 12/19/2017

DATE: 12/19/2017 SIGNED: Work Order: 1727-12-2017

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2475
REG. NO: N522SR
WORK ORDER:
1743-02-2018

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 2/1/2018
A/C TSN:
HOBBS: 1861.6

Alterations
e Number of
ecific entries.)

Airframe Entries

(1) Removed left main tire and replaced with new 156E66-4 tire. Balanced wheel assy and reinstalled.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1743-02-2018, Dated 2/1/2018

DATE: 2/1/2018 SIGNED:

Work Order: 1743-02-2018

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (oatcomedia.com)

ENGINE MODEL:
ENGINE S/N:
REG. NO: N522SR
WORK ORDER:
1760-02-2018

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 2/26/2018
A/C TSN:
ENG TT:
TSMOH:
HOBBS: 1876.2

Engine Entries

(1) Changed oil and filter CH48108-1, filter cut and inspected, no defects noted. Engine serviced with 8qts AS15W50, washed and ground ran engine, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1760-02-2018, Dated 2/26/2018.

DATE: 2/26/2018 SIGNED:

Work Order: 1760-02-2018

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (oatcomedia.com)

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Repairs and Alterations

g and Certificate Number of
ges for other specific entries.)

ENGINE MODEL:
IO-550-N 46
ENGINE S/N: 689544
REG. NO: N522SR
WORK ORDER: 30331

APR Aviation, Inc.

Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 4/24/2018
A/C TSN: 1793.4
ENG TT: 1793.4
HOBBS: 1793.4

Engine Entries

(1) Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15w-50 oil. Run and leak check good.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 4/24/2018 SIGNED: Work Order: 30331

Stephen Denney
Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2475
REG. NO: N522SR
WORK ORDER:
1764-03-2018

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 3/9/2018
A/C TSN:
HOBBS: 1883.4

Airframe Entries

(1) Recovered aircraft from runup area, removed nose wheel assy and replaced tire and tube with new Goodyear FCill Tire and tube. Reinstalled wheel assy.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1764-03-2018. Dated 3/9/2018.

DATE: 3/9/2018 SIGNED: Work Order: 1764-03-2018

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

Date 8/2/2018

W/O# 16975

WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR

S/N 2475

Tach Time	1765.4
TTAF	1765.4
Eng TSO	N/A
Prp TSN	1765.4
Prp TSO	108.8

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. AD'S CHECKED THROUGH BI-WEEKLY 2018-15.

COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19R3, NOSE LANDING GEAR ASSEMBLY UPPER GUSSET PLATE INSPECTION.

COMPLY WITH CIRRUS MANDATORY SB2X-95-24R1 CAPS ROCKET SHELF GROUND WIRE INSTALLATION.

COMPLIED WITH TAT SI08-05, 100 HOUR INSPECTION AND CLEANING OF INDUCTION SYSTEM FILTER.

COMPLIED WITH TAT SB09-01, 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE.

COMPLIED WITH TAT SB11-04, ANNUAL TURBO OIL INLET SCREEN INSPECTION.

COMPLIED WITH TAT SB11-03, ANNUAL TURBO SUPPORT INSPECTION.

COMPLIED WITH TAT SB12-02, ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION.

COMPLIED WITH TAT SB11-01, ANNUAL EXHAUST SYSTEM INSPECTION.

COMPLIED WITH TAT SI08-1, 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING

COMPLY WITH TAT SB10-01, INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS

COMPLIED WITH TATURBO SI08-04 ANNUAL EXHAUST HEAT AUGMENTER / TAILPIPE INSPECTION.

COMPLIED WITH TAT SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. COMPLIED WITH PRECISE FLIGHT O2 SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. COMPLIED WITH 12-MONTH INSPECTION AND REWEIGH OF PORTABLE FIRE EXTINGUISHER. COMPLIED WITH 500 HR ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTING ATTACH BOLT TORQUE CHECK. INSTALLED OXYGEN CYLINDER P/N 102N0100-1 S/N 17932 AFTER HYDROSTATIC TEST PERFORMED BY C&L AERO, CRS# L0JR785Y, UNDER W/O 01047. DATED 7/18/2018. NEXT HYDRO DUE 7/2023.

1/2

Date 8/2/2018

W/O# 16975

WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR

S/N 2475

COMPLIED WITH **500 HR** ENGINE MOUNT WELDMENT AND LOWER MOUNT ATTACH FITTING ATTACH BOLT TORQUE CHECK. REPOSITIONED RIGHT PARACHUTE STRAP. INSTALLED BOOMERANG ANTI CHAFE SLEEVE INTO THE CORRECT LOCATION. INSTALLED ACTIVATION CABLE AND GROUND WIRE AT IGNITER USING THE CORRECT HARDWARE. RE-TIED LINE CUTTER BREAK AWAY THREAD. REPOSITIONED CABLES ON CAPS COLLAR. SECURED LOWER LINE CUTTER LANYARD USING BREAK AWAY THREAD. INSTALLED NEW PILOTS DOOR LOWER LATCH AND SET RIGGING. INSTALLED NEW PILOT AND CO-PILOT DOOR GAS STRUTS. SEALED UPPER FUSELAGE ANTENNAS. INSTALLED NEW LEFT GEAR GROMMET AND SET CLEARANCE. PERFORMED A STANDARD FIBERGLASS REPAIR TO THE RIGHT WHEEL PANT. INSTALLED NEW RIGHT BRAKE LININGS. INSTALLED CLAMP AND VERIFIED STRUT GAP MEASUREMENT. BLED LEFT BRAKE. INSTALLED NEW NOSE GEAR STRUT ATTACHMENT BUSHINGS. NSTALLED NEW NOSE WHEEL PANT LEFT AND RIGHT PROTECTIVE TAPES. INSTALLED NEW INDUCTION AIR FILTER RETAINER COVER. INSTALLED NEW TOP ENGINE COWLING SEAL. REPLACED ALL SIX EGT PROBES WITH NEW. INSTALLED NEW NOSE WHEEL PANT PROTECTIVE TAPES.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed

Shawn Matthies AWKR298C

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. Battery due date June 2020 Signed:

Shawn Matthies AWKR298C

2/2

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

October 19, 2018 Hobbs 1983.4 Flt Hobbs 1795.6
N522SR TCM IO 550-N S/N 689544

Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal.
John Duffy A&P 3491366

MAKE Cirrus Design Corp
MODEL Sr22
S/N 2475
REG NO N522SR
WORK ORDER
1766-03-2018

Barber Aviation
4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE 3/13/2018
A/C TSN
HOBBS 1883.4

Airframe Entries

(1) Removed right main wheel and replaced tire with new 156E66-4 Tire. Balanced wheel assy and reinstalled onto aircraft.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1766-03-2018, Dated 3/13/2018

DATE 3/13/2018 SIGNED: Work Order 1766-03-2018

Chris Tharp, A&P 2755348AP

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YEAR 20	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of

WOODLAND AVIATION

Date 8/14/2019

W/O# 17581

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR

S/N: 2475

Tach 1871.3 REMOVED ACK MODEL A-30 ALTITUDE ENCODER P/N A30.02.00, S/N105600 AND INSTALLED NEW ACK MODEL A-30.9 ALTITUDE ENCODER P/N A30.02.00 S/N 153819. REMOVED GMA 340 AUDIO PANEL P/N 011-00401-10 S/N 96280540, GARMIN GTX 327 P/N 011-00490-00 S/N 83727864, GARMIN GNS 430W #1 P/N 011-01060-00 S/N 23401743, AND GARMIN GNS 430W #2 P/N 011-01060-00 S/N 23404416.
INSTALLED NEW FLIGHTSREAM 510 P/N 011-03595-00 S/N 402008695. INSTALLED NEW GARMIN GTN 750 P/N 011-02282-00 S/N 1ZA025846 AND NEW GARMIN GTN 650 P/N 011-02256-00 S/N 1Z8028368 IN ACCORDANCE WITH GARMIN STC# SA02019SE-D PER GTN 6XX/7XX PART 23 AML STC INSTALLATION MANUAL REV.13. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. INSTALLED NEW GARMIN GMA 35C P/N 011-02299-40 S/N 1T6202987 IAW GMA 35/35C INSTALLATION MANUAL REV.J AND GTN 6XX/7XX PART 23 AML STC INSTALLATION MANUAL REV.13. PERFORMED GROUND FUNCTIONAL TESTS WITH NO DISCREPANCIES NOTED. INSTALLED NEW GARMIN GTX 345R P/N 011-03303-00 S/N 3EH024681 IN ACCORDANCE WITH GARMIN STC# SA01714WI PER GTX 3XX PART 23 AML STC INSTALLATION MANUAL REV.12. PERFORMED FUNCTONAL CHECKS AND ADS-B MONITOR TESTS WITH NO DISCREPENCIES NOTED. 337 FILED WITH THE FAA, WEIGHT AND BALANCE / EQUIPMENT LIST REVISED, SUPPLEMENTS ADDED TO THE POH.
TESTED DUAL ALTIMETER, ALTITUDE REPORTING SYSTEM, PITOT/STATIC SYSTEM, AND TRANSPONDER SYSTEM PER FAR 43, APPENDICES E AND F. THOSE SYSTEMS MET REQUIREMENTS OF FAR 91.411 AND 91.413 FOR NON-PRESSURIZED AIRCRAFT TO **25,000** FEET.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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 8/14/2019

W/O# 17581

WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR

S/N 2475

Tach Time	1871.3
TTAF	1871.3
Eng TSO	N/A
Prp TSN	1871.3
Prp TSO	214.7

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. CHECKED AIRWORTHINESS DIRECTIVES THROUGH BI-WEEKLY 2019-16.
COMPLIED WITH CIRRUS MANDATORY SB **2X-32-19R3**, NLG UPPER GUSSET PLATE INSPECTION.
COMPLIED WITH TAT SI**08-1**, 50 HOUR INSPECTION / CLEANING OF CRANKCASE BREATHER FITTING.
COMPLIED WITH TAT SI**08-04** ANNUAL EXHAUST HEAT AUGMENTER / TAILPIPE INSPECTION
COMPLIED WITH TAT SI**08-05**, 100 HOUR INSPECTION AND CLEANING OF INDUCTION SYSTEM FILTER.
COMPLIED WITH TAT SB**09-01**, 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE.
COMPLIED WITH TAT SB**10-01**, BY INSPECTION OF THE HINGE PIN ENDS FOR RETENTION.
COMPLIED WITH TAT SB**11-01**, ANNUAL EXHAUST SYSTEM INSPECTION.
COMPLIED WITH TAT SB**11-03**, ANNUAL TURBO SUPPORT INSPECTION.
COMPLIED WITH TAT SB**11-04**, ANNUAL TURBO OIL INLET SCREEN INSPECTION.
COMPLIED WITH TAT SB**12-02**, ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION.
COMPLIED WITH TAT SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. COMPLIED WITH PRECISE FLIGHT O2 SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. COMPLIED WITH ANNUAL CONCORDE BATTERY CAPACITANCE CHECK. INSTALLED NEW FIRE EXTINGUISHER. COMPLIED WITH **6 YR** REEFING LINE CUTTER REPLACEMENT. INSTALLED CIRRUS KIT P/N 25347-002 REEFING LINE CUTTER P/N 26707-001 S/N 15182 AND 15100, MFG DATE 02/2019. NEXT 6 YR REPLACEMENT DUE **02/2025**. INSTALLED NEW PILOTS SEAT INFLATOR P/N 20902-005 AMSAFE P/N 512847-401 LOT# 35709931 S/N Z7182080134 DATED A0519. WITH NEW 90 DEGREE FITTING 513104-201, AND NEW LRU/INFLATOR INTERFACE CABLE PN 508978-241. PILOTS INFLATOR NEXT DUE **05/2029**. INSTALLED NEW CO-PILOTS SEAT INFLATOR P/N 20902-005 AMSAFE P/N 512847-401 LOT# 35709931 S/N Z7182080164. DATED A0519 WITH NEW 90 DEGREE FITTING 513104-201, AND NEW LRU/INFLATOR INTERFACE CABLE PN 508978-241. CO-PILOTS INFLTOR NEXT DUE **05/2029**. INSTALLED NEW RIGHT TAIL PIPE V-BAND CLAMP. COMPLIED WITH **5 YR** ELT REMOTE CONTROL PANEL BATTERY REPLACEMENT. INSTALLED NEW LOWER PILOTS DOOR LATCH AND SET CABLE TENSION.

1/2

Date 8/14/2019

W/O# 17581

WOODLAND AVIATION

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR

S/N 2475

INSTALLED NEW LEFT MLG TIRE P/N 070-449-0 S.N. 8165S00048 AND NEW TUBE. INSTALLED NEW RIGHT MLG TIRE P/N 070-449-0 S/N 8165S00035 WITH NEW TUBE. INSTALLED NEW LEFT BRAKE LININGS. INSTALLED NEW NOSE GEAR FORK TEFLON WASHER AND BELLEVILLE WASHERS. SET BREAK AWAY TENSION. INSTALLED NEW COWLING SEALS. FABRICATED DOUBLER AND INSTALLED ON LH AFT BAFFLE OUTBOARD OF INTERCOOLER. REINSTALLED LEFT TURBO INNER-COOLER INDUCTION TUBE AFTER WELD REPAIR. INSTALLED NEW TIT PROBE.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Signed

Shawn Matthies AWKR298C

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. Battery due date 06/2020 Signed:

Shawn Matthies AWKR298C

2/2

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DATI

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 2475
REG NO: N522SR
WORK ORDER:
1568-12-2016

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 12/28/2016
A/C TSN:
HOBBS: 1707.5

erations
mber of
entries.)

Airframe Entries

(1) Removed right wingtip, removed nav/strobe assy, replaced lens, strobe lamp, strobe lens, and retainer witn new. Reinstalled wingtip, ops check good.

Maintenance Release

The aircraft and/or component(s) on N522SR 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 facility under Work Order No. 1568-12-2016, Dated 12/28/2016.

DATE: 12/28/2016 SIGNED: Work Order: 1568-12-2016

Chris Tharp, A&P: 2755348AP

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WOODLAND AVIATION

Date 11/7/2019

W/O# 17871

Airframe Logbook Entry
CRS AWKR298C
25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 522SR
S/N: 2475

Tach 1891.8 . INSTALLED NEW FUEL BOOST PUMP CIRRUS P/N 11839-002 DUKES P/N 5217-00-9 S/N 9817. TRIMME AND FITTED NEW RADIO RACK BOLSTER PANEL. INSTALLED PANEL WITH NEW BEZEL MAT AND GRA HERE PLACARD. OPERATIONAL CHECK OF RADIOS AND AUTOPILOT NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:

Signed:

Shawn Matthies AWKR298C

YEAR
20
DATE

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 2475** **Airframe Total Time: 1921.9**

18 September 2020 **Flight Hobbs: 1921.9** **Hobbs Meter: 2161.6**

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Inspected / Tested Artex ME406 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N522SR, dated 09/08/2020 on file. Installed new ELT battery P/N: 455-012, S/N: 387401-031. **Next ELT replacement due August 2027. ELT remote battery due August 2024.** Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Installed (2) new #2 batteries P/N: 50979-001. **Next #2 battery replacement due September 2022 or Flight Hobbs: 2421.9.** Reinstalled propeller de-ice feed tube with new o-ring and safetied. Replaced adel clamp on wire harness outboard of right intercooler. Installed new fresh air inlet scat and heat sleeve. Secured pilot's top left panel overlay cover. Removed left center console panel, loosened nut on throttle linkage and installed new cotter pin. Cleaned and applied new AeroShell 5. Adjusted pilot's seat back break-over pins to fully engage in the fully reclined position, operational check satisfactory. Lubricated aileron system controls and pulleys. Installed new anti-chafe seal on top cowl. Installed new nose gear pucks P/N: 13386-001 and safetied nose landing gear hardware. Installed new aluminum heat tape on left and right lower cowl halves. Installed new nose pant cap following painting by Haggan Aviation. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Inspected left and right main wheel brake disks, calipers and linings. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked TKS system for leakage and checked service level of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 30-day cabin fire extinguisher weight check, bottle weight 2 pounds 8 ounces. AD's checked through Biweekly 2020-19. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Scott S. Fisher A&P 3290363 IA w/o 41525

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)
				Mountain Aircraft Maintenance, Inc
				P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387
				May 5, 2021 Hobbs 2187.4 Flt Hobbs 1937.8
				N522SR Cirrus SR22 S/N 2475
				Installed new main ship battery G-243, S/N G03072685. John Duffy A&P 3491366

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S 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.)

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N522SR Cirrus SR-22 SN: 2475 ACTT: 1956.7 **October 21, 2021**

Avidyne PFD 700-00006-000, SN: 20029387 has been tested per FAR 91.411 Part 43 Appendix E to 30K'. See our 8130-3 issued this date. United Instruments Altimeter 5934D-3A SN: 460717 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Tri County Instruments Inc. on their WO # 72692 dated October 14, 2021. See their 8130-3 issued this date. Aircraft Pitot and Static systems have been tested per FAR Part 43 Appendix E. Aircraft Static system was tested to 7000' with <20' leak per minute. Pitot system was tested to 150 kts with no leaks. The ATC Transponder test and inspection required by FAR 91.413 was performed on the Garmin GTX 345R 011-03303-00, SN: 3EH024681 transponder and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station. Garmin GTX 345R 011-03303-00, SN: 3EH024681

Updated GTX main software version from 2.54 to 2.60 & ADS-B software version from 3.13 to 3.21 per Garmin STC Service Bulletin 2152A in accordance with Garmin TSO Service Bulletin 2128B. Updated the following documents: Garmin GTX 3X5 XPDR with ADS-B AFMS 190-00734-15 to Rev 5, Garmin GTX 3X5 ADS-B ICA 190-00734-11 to Rev 8. Updated Garmin GTN 750 011-02282-00, SN: 1ZA025846 and GTN 650 650 011-02256-00, SN: 1Z8028368 software from main version 6.62 to main version 6.71 per Garmin TSO Service Bulletin 20122B in accordance with Garmin STC Service Bulletin 2105A. Updated the following documents: GTN AFMA 190-01007-A2 to Rev 11, GTN MM & ICA 190-01007-A1 Rev 12.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: **AV-04601**

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 2475** **Airframe Total Time: 1956.7**

21 October 2021 **Flight Hobbs: 1956.7** **Hobbs Meter: 2212.7**

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Inspected / Tested Artex ME406 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N522SR, dated 09/24/2021 on file. **ELT replacement due August 2027. ELT remote battery due August 2024.** Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Removed shielding from P599 connector at PFD. Removed transient voltage suppressors from wiring at pins 6 and 25. Soldered in two new suppressors, P/N: 1V5KE16CA. Applied heat shrink over top. Installed new length of EMI shielding and secured harness as needed.

Removed EMA controller P/N: 20902-001, S/N: RA11JUN14-6 due to life limit, installed new unit P/N: 20902-001, S/N: A18JUN21-45. DOM: A0621. **Next EMA controller replacement due June 2028.** Performed AmSafe unit installation check, no defects noted. Serviced oxygen system. Untwisted copilot shoulder strap. Replaced baggage door seal. Applied chafe to main gear fairings as needed. Adjusted nose fork side tension and safetied. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placards. Bled brake system and adjusted fluid level. Checked TKS system for leakage and checked service level of TKS reservoirs. Cleaned and lubricated TKS cap. Inspected cabin fire extinguisher for condition and security and performed 30-day cabin fire extinguisher weight check, bottle weight 2 pounds 8 ounces. Completed **24 Month Magnetometer calibrations**, all readings are found to be within limits. **Next calibrations due October 2023.** Performed **24-month Magnetic Compass Swing. Next swing due October 2023.** Complied with **500 Hour Engine Mount Torque Check** by verifying torque on attachment bolts, no defects noted. Complied with **ACS AD 93-05-06 (Ignition Switch)** effective 04/29/1993 by disassembly of the switch and inspection in reference to ACS SB92-01 and installation of kit P/N: A3650 (11-03654). **Next Ignition Switch Inspection due Flight Hobbs: 3956.7.** **(Continued Page 1 of 2)**

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S 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.)

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR Cirrus SR22 S/N: 2475 Airframe Total Time: 1956.7

21 October 2021 Flight Hobbs: 1956.7 Hobbs Meter: 2212.7 (Page 2 of 2)

AD's checked through Biweekly 2021-21. Post inspection ground run-up and systems operational check satisfactory. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Gilbert C. Schoales, Jr. **Gilbert C. Schoales, Jr. A&P 3644953 IA** w/o 42676

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

January 18, 2022 Hobbs 2228.8 Flt Hobbs 1968.0
N522SR Cirrus SR22 S/N 2475

Removed oxygen bottle and regulator assembly P/N 102N0100-1 S/N HPR100255/17932. Regulator overhauled and new bottle S/N 2805 installed by Precise Flight Inc (CRS 6PCR620B) under work order 118409 form tracking number 05564. Reinstalled bottle and regulator assembly P/N 102N0100-1 S/N HPR100255/2805. New bottle manufacture date November 2021. Next hydrostatic test date due January 2027, bottle life limit due November 2037. Oxygen system serviced and purged per Precise Flight ICA, no leaks noted, all operations normal. John Duffy A&P 3491366.

John Duffy

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)

Engine N522SR | Maintenance

TCM IO-550-N
Serial No: 689544
TSMO: 1975.9

11 Mar 22
Tach: 1975.9
Hobbs: 2239.2

Maintenance Entries:

•Performed borescope inspection of oil sump and confirmed tie bolts are missing and hardware is missing from other tie bolts, Per continental technical support, drop oil sump replace and torque all tie bolts

•Removed and replaced oil pan with new PN 652423 and new gasket PN 655546. Removed propeller and all exhaust and turbo components to facilitate sump replacement. Serviced with 8qts Aeroshell 15w50. All installed after replacement. Torqued to spec and performed engine run. Leak check ok.

I certify the airframe, engine, and/or component identified was repaired and inspected in accordance with the current Repair Manual and the Federal Aviation Regulations, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work Order: #WO11254

Ruben Sandoval CRS # COAR038E

SAN DIEGO, CA – COAST AVIATION SERVICES – (858) 800-3878

CAS FORM ALT 24

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N522SR **Cirrus** **SR22** **S/N: 2475** **Airframe Total Time: 1996.1**

16 November 2022 **Flight Hobbs: 1996.1** **Hobbs Meter: 2269.2**

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System (ICA) as a guide. Inspected / Tested Artex ME406 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N522SR, dated 11/03/2022 on file. **ELT replacement due August 2027. ELT remote battery due August 2024.** Straightened pilot and copilot shoulder straps. Replaced loose rivets for the rudder trim tab as needed. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft primary battery. Performed AmSafe unit installation check, no defects noted. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and cleaned felt grease seals in all wheel assemblies. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placards. Bled brake system. Installed new left and right main tires, P/N: 14075-009, S/N: 8270S00129, 2076T00098 and tubes P/N: 097-500-0-0. Balanced wheel assemblies. Reinstalled assembly on aircraft. Inspected cabin fire extinguisher for condition and security and performed 30-day cabin fire extinguisher weight check, bottle weight 2 pounds 8 ounces. Serviced oxygen system. Installed new top cowl aft rubber seal. Post inspection ground run-up and systems operational check satisfactory. AD's checked through Biweekly 2022-23. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Gilbert C. Schoales, Jr. **Gilbert C. Schoales, Jr. A&P 3644953 IA** w/o 43803

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations

February 13, 2023

Fabricated wiring harness extensions for Whelen Orion 600 assemblies P/N 01-0771733-11, S/N 661014 (GREEN) and P/N 01-0771733-12, S/N 660638 (RED). Extensions utilize OEM style connectors, environmental heat shrink and same pin out. Attached lighting protection "L" bracket to base of each unit. Bench test found satisfactory.

THIS LIGHT WAS INSPECTED AND/OR WAS **REPAIRED** IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

SCOTT STANDAERT A&P/IA 2807407
Hangar (715) 822 5787
Cell (715) 491 1303
Email jim@aviationvibes.com

FEDERAL AVIATION ADMINISTRATION A&P 2807407

AVIATION RESOURCES, LLC
101 Airport Ave, Hangar #7
Cumberland, WI 54829
www.aviationvibes.com

wo: 2023-2459

Airframe Repair · page 1 of 1

Sawyer MX, LLC · 14700 North Airport Drive, Suite 117 · Scottsdale, Arizona 85260 · (480) 922-5341

N522SR **Cirrus Aircraft, SR22, S/N: 2475** **June 27, 2023**

Flight Hobbs 2004.5 hours

RH Strobe Light INOP. Removed RH strobe light, determined it was blown and replaced with new Whelen PN: 02-0250276-00 and light stayed INOP. Determined power supply to be putting out insufficient power.

Robert Wilson A&P 32116144

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)

MOUNTAIN AIRCRAFT
MAINTENANCE INC.
STEAMBOAT SPRINGS, CO

July 13, 2023 Hobbs 2295.9 Flt Hobbs 2014.4

N522SR Cirrus SR22 S/N 2475

Removed left and right wing tips. Removed existing navigation / anti-collision light assemblies, power supplies and harnesses on both wing tips. Installed new TSO'd Whelen Aerospace Technologies LED wingtip navigation / anti-collision light assemblies M/N OR6002G P/N 01-0771733-11 (green) S/N 661014 and MN OR6002R P/N 01-0771733-12 (red) S/N 660638 into wing tip existing positions and reinstalled wing tips. Weight and Balance updated; equipment list updated. All work accomplished per AMM 33-40 and Whelen Aerospace Technologies installation guide. See WAT installation guide for Instructions for Continued Airworthiness. This modification is considered a minor alteration. John Duffy A&P 3491366