

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR 22 DATE OF MFG. June 2004
SERIAL NUMBER 0951 REGISTRATION NUMBER N401SC

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

☐

F.A.R. 91.409 ANNUAL/100 HOUR

☐

F.A.R. 91.409 PROGRESSIVE

☐

F.A.R. 135.419 A.T.C.O.

☐

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors	E0-550 N	R 917210
ENGINE			L
PROPELLER	Hartzell Propellers Inc.	PHCJ3YF-1RF	R FP 2844B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
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PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

Life Limited Parts SR22			
PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	15047-001	S/N 01376	04/2014
CAPS Parachute	20331-001	S/N 01248	04/2014
CAPS Reefing Line Cutters	5212	PO504A LOT 002-019	02/2010
ELT Batteries	MN1300	Date Installed 05/04	03/2011
ELT Batteries	MN1300	08/2011	03/2016

CAPS Reef Line Cutters P/N 25347-001 Lot 785106, 663-667, 07-2016

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ALTIMETER & STATIC SYSTEM CHECKS

[illegible]

ADO 80112 (303) 799-8386
Airframe Log Entry

removal of rocket motor
131-001, S/N: 01248. Complied
Installation) by enlarging
ence as outlined in Service
d for installation of new rocket
00964R1, rebuilt by Cirrus
CAPS parachute repack due
ute pack assembly and
new rocket motor and igniter
PS CMM. Rocket assembled
-002. Installed new frangible
29500-003, S/N: 0363, and
Expiration Date 11 April 2024.
new fuse assembly and
at P/J100 as needed. Installed
as needed. Assembled #2
al Resistance, Voltage and
its. Weight and Balance
OH. Completed pitot and static
satisfactory.
w/o 33965

N401SC Cirrus SR22 S/N: 22-0951 A/C TT: 991.6
9 October 2014 Tach: 991.6

Complied with 100 hour/annual inspection in accordance with Cirrus SR22 maintenance manual inspection form as a guide. Cleaned inspected and repacked main and nose gear wheel bearings. Cleaned and serviced #1 battery. Checked ELT function I.A.W. FAR 91.207(d) - function normal. ELT batteries due replacement March 2016. Inspected #2 battery no defects noted, #2 replacement due March 2015 or Hobbs 1175.3. Cleaned and reinstalled fuel strainer. Inspected MCU no corrosion found, applied corrosion inhibitor. AD's checked via FAA website to 2014-10. I certify that this aircraft has been inspected in accordance with an annual/100 hour inspection and was determined to be in airworthy condition.

David R. Seeds

IA

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

N401SC Cirrus SR-22 sn: 0951

October 17, 2014

Hobbs: 991.7

Avidyne PFD 700-00006-000 sn: 24236144 (sw R6.0)

RMA # 9025950 Recorded configuration and removed PFD from aircraft.

Returned PFD to Avidyne for evaluation/exchange.

Received Avidyne PFD 700-00006-000 sn: 20319305 (sw R8.0.6) in exchange. See Avidyne 8130-3 issued July 21, 2014. New Altimeter 91.411 cert date is July 17, 2014.

Reconfigured unit to match system criteria. Performed Mag Cal update. Verified normal operation of

GPS/Nav/HDG information. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation

Regulations and is approved for return to service.

CRS ZL6R006Y Signed:

DATE _____ AIRCRAFT TIME IN SERVICE _____

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE _____

Cirrus / SR-22 N401SC Hobbs: 0991.6 October 27, 2014
Transponder Make/Model Garmin / GTX327, S.N. 83716757 in this A/C has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App. F.
Altimeter #1 Make/Model Avidyne / 700-00006-000, S.N. 24236144,
Altimeter #2 Make/Model United / 5934PD-3, S.N. 438812,
Encoder Make/Model ACK / A-30.4, S.N. 89714 and the Static System have been inspected IAW Title 14 CFR 91.411 and found to comply with the specifications of Title 14 CFR 43 App E.
Details on file MTSWO 40822 _____ CRS TJJR625X
Dan Fisher-Chief Inspector _____ Date 10-27-2014
Mobile Transponder Services, LLC, 6015 W Condor Rd Peyton, CO 80831

ARAPAHOE AERO AVIONICS
12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289
N926PY Cessna 525A sn: 525A0450 February 4, 2015
Hobbs:
Garmin GNS 500W 011-01062-10 sn: 23651053
Requires Software upgrade to be compatible with new style Navdata Card.
Updated **MAIN Software to Version 3.20** and **GPS Software to Version 3.2** per Garmin Software Service Bulletin No. 0848 Rev B dated Feb/2009. (previous versions 3.11 / 3.1) Updated **MAIN Software to Version 3.30** per Garmin Software Service Bulletin 0918 Rev. A dated August 4, 2009.
Software Upgrade Supplements for 3.00, 3.20 and 3.30 and AFMS 190-00557-03 Rev B provided to owner.
The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for use by [REDACTED]
CRS ZL6R006Y Signed: [REDACTED]

	AIRCRAFT TIME IN SERVICE	
0001SC	Cirrus	SI
2 April 2015	Tach:	
New number 2 battery		
check. System function		

N401SC Cirrus
19 July 2015 Tac
New number 1 batte
Performed electrical
service

DAVID R. Seeds

F.A.R. 43.11-91.409

1 Software
MAIN Software
rovided.to
Federal Aviation

21 January 2016 Tach: 1004.9

DATE _____

Complied with 100 hour/annual inspection in accordance with Cirrus SR22 maintenance manual inspection form as a guide. Cleaned inspected and repacked main and nose gear wheel bearings. Cleaned and serviced #1 battery. Checked ELT function I.A.W. FAR 91.207(d) - function normal. ELT batteries DUE replacement March 2017. Inspected #2 battery no defects noted, #2 replacement DUE April 2017. Cleaned and reinstalled fuel strainer. Inspected MCU no corrosion found, applied corrosion inhibitor. AD's checked via FAA website to 2016-21. I certify that this aircraft has been inspected in accordance with an annual/100 hour inspection and was determined to be in airworthy condition.

David R. Seeds

AIRCRAFT DESCRIPTION

MANUFACTURER <u>CIRRUS DESIGN</u>	MODEL <u>SR22</u>	DATE OF MFG. <u>JUNE 2004</u>
SERIAL NUMBER <u>0951</u>	REGISTRATION NUMBER <u>N401SC</u>	
REGISTERED OWNER _____ STREET ADDRESS _____ CITY, STATE, ZIP _____ PILOT OPERATOR _____ STREET ADDRESS _____ CITY, STATE, ZIP _____ REGISTERED OWNER _____ STREET ADDRESS _____ CITY, STATE, ZIP _____ PILOT OPERATOR _____ STREET ADDRESS _____ CITY, STATE, ZIP _____ _____ _____ _____ _____ _____		Inspection Status (Check one) ☐ F.A.R. 91.409 ANNUAL/100 HOUR ☐ F.A.R. 91.409 PROGRESSIVE ☐ F.A.R. 135.419 A.T.C.O. ☐ OTHER DATE ENTERED _____ MAINTENANCE RESPONSIBILITY _____ _____ _____ _____ _____

[illegible]

A&P

MAINTENANCE RECORD **F.A.R. 43.9**

ARAPAHOE AERO

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

N401SC

Cirrus

SR22

S/N: 22-0951

21 June 2016

Hobbs: 1007.1

Aircraft Total Time: 1007.1

Removed MCU cover and cleaned connectors at the top of the unit associated with the wiring harnesses. Installed new logic module, P/N: 14610-004. Reassembled MCU as needed. Installed new Reefing Line Cutters S/N: 9431 & 9446, as included in kit P/N: 25347-002. Cutters installed in reference to Cirrus CMM. Manufacture date 03/16. **Next Reefing Line Cutter Replacement due March 2022.** Oxygen bottle hydrostatic test completed by Compressed Gas Systems, LLC, CRS# 20XR229C. Reinstalled valve and serviced as needed. Leak check satisfactory. **Next Oxygen Bottle Hydrostatic test due June 2021.** Installed new ELT Remote Switch Battery, P/N: PX28LB. **Next ELT Remote Switch Battery replacement due June 2024.** Installed new TKS filter, P/N: 908-1. **Next TKS Filter Replacement due June 2018 or Hobbs: 2207.1.** Updated MFD checklist to Version A10. Adjusted preset configuration as needed. Secured #1 battery in tray as needed. Replaced 2ea. nose strut shock pucks, P/N: 13386-001. Cleaned and resealed right brake caliper. Bled right brake as needed. Applied new temperature stickers to caliper. Applied new yellow temperature sticker to left brake caliper. Serviced brake reservoir as needed. Installed new left inboard main pant fairing support, P/N: 17205-001. Applied heat tape as needed to lower left cowl interior surfaces. Replaced missing sections of lower cowl aft flange seal, P/N: 53722-063U. Applied new close-out tape to upper area of vertical stabilizer. Removed loose sections of tape from lower right wing fairing. Cleaned area and applied primer 94. Secured wing fairing using new tape, P/N: 51847-045U. Complied with **Cirrus SB 2X-27-12 R1 (Control Free-Play)** by removing bolts and spacers and reaming holes in torque tubes and fittings. Installed new studs and nuts as included in kit P/N: 70124-001. Ground run operational check of aircraft systems satisfactory.

L. John Wells A&P

w/o 36823

NO.
TO SERVICE

DA
COMI

12780 E. Cont
N401SC Cirrus SR-
Hobbs: 1007.1
Garmin GNS 430 011-00
Replaced Memory Battery
Allowed unit to download
Reinstalled in aircraft and
The aircraft and/or compo
Regulations and is approv
CRS ZL6R006Y Sign

This
Serie
by SI
Supp
FAA-
This:
For i

Form

MAINTENANCE RECORD **F.A.R. 43.9**

NO.
TO SERVICE

JA
OMI

SERVICE

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289

N401SC Cirrus SR-22 sn: 0951

June 21, 2016

Hobbs: 1007.1

Garmin GNS 430 011-00280-10 sn: 97120336 (sw 5.01 / 3.03 Mods 1-5,7)

Replaced Memory Battery per Garmin GNS 430 MM 190-00140-05 Rev. F OCT/08.

Allowed unit to download new Almanac and acquire satellites. Verified normal operation of unit.

Reinstalled in aircraft and verified all systems operated normal. See our 8130-3 issued this date.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:

AV-03650

FAA - PMA

This tag certifies that Sky-Tec Model No. **C24ST5**

Serial No. **4C5-301605** was manufactured new on 29 Jul 2016

by Sky-Tec under the authority of FAA-PMA No. PQ0852SW

Supplement No. 6 in accordance with Sky-Tec's

FAA-Approved Quality System (14CFR Part 21, Subpart K).

This article has been determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Installed on **N** _____ by _____
(Aircraft) (Mechanic)

Form CC1108-1

12 (303) 799-8386
1-0951

he wiring harnesses.
d new Reefing Line
ference to Cirrus
ch 2022. Oxygen
29C. Reinstalled valve
test due June 2021.
ch Battery
er Replacement due
reset configuration as
P/N: 13386-001.
emperature stickers to
reservoir as needed.
ape as needed to lower
al, P/N: 53722-063U.
ons of tape from lower
ew tape, P/N: 51847-
bolts and spacers and
in kit P/N: 70124-001.

w/o 36823

[illegible]

ATC Transponders & En
tested & inspected in acc
appendix E&F 91-413. I
systems, and interrogation
have been performed. The
20,000 feet. Reference in
Signed: [redacted]

Date: 09/01/2016

Signature:

MAINTENANCE RECORD

F.A.R. 43.9

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
VICE			High Desert Avionics Inc. FAA Approved Repair Station#HD7R252J A/C: SR22 N#: N401SC Date: 11-02-2016 TACH: 1093.5 ATC Transponders & Encoding systems have been tested & inspected in accordance with FAR part 43 appendix E&F 91-413. I certify that the Altimeter, static systems, and interrogation tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 feet. Reference invoice#2665.	
Signed:			[Redacted Signature]	
			MAKE: Cirrus MODEL: SR22 S/N: 0951 REG. NO: 401SC WORK ORDER: 18872	
				
			Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)	DATE: 12/8/2016 A/C TSN: 1098.9 HOBBS: 1098.9
-6PLAY 156E66-4.				
Date: 09/01/2016			Airframe Entries Performed 50hr servicing of aircraft brakes, battery, lights, tires and lubrication of surface and engine controls. Ran up and no leaks found.----Checked nose fork tension per Cirrus MM and found within limits. ----Replaced #1 EGT sensor w/new. Function test checked good.	
			Maintenance Release The aircraft, airframe, engine, propeller or appliance identified above was Repaired & Inspected in accordance with the current maintenance rules of the Federal Aviation Administration.	
			DATE: 12/8/2016 SIGNED: [Redacted Signature] Work Order 18872	
			Kim Davidson Certified Repair Station No. YYKR678L	Printed by EBis 3 (datamedia.com)

MAINTENANCE RECORD

		 Leading the Business of Aviation		AIRFRAME RECORD ENTRY	
Registration	N401SC	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 Phone (210) 384-3388 Fax (210) 384-3394 CRS U7TR491Y		Flt. Hour meter	1123.3
Model No.	SR22			Total Time	1123.3
Serial No.	0951			PAGE 1 OF 2	
1. COMPLIED WITH AN ANNUAL INSPECTION IAW FAR43 APPENDIX D USING THE CIRRUS SR22 SERIES SCHEDULED INSPECTION REPORT AS A GUIDE. GROUND RUNS WERE PERFORMED WITH ALL INDICATIONS AND SYSTEM OPERATIONS NORMAL. 2. COMPLIED WITH THE FOLLOWING SPECIAL INSPECTIONS: 50 HOUR GASCOLATOR SERVICING. NO DEFECTS NOTED. LEAK CHECK GOOD. 12 MONTH/200 HOUR REPLACEMENT OF INDUCTION AIR FILTER. INSTALLED P/N BA-24. 12 MONTH/30 DAY INSPECTION AND WEIGHT CHECK OF FIRE EXTINGUISHER. NO DEFECTS NOTED. 3. COMPLIED WITH 12 MONTH INSPECTION AND FUNCTIONAL TEST OF ELT ACK TECHNOLOGIES E-01, S/N 048731 AFTER INSTALLATION OF NEW BATTERIES P/N 4033311340. NO DEFECTS NOTED. REFERENCE SR22 SERIES AMM CHAPTER 25-60 AND FAR 91.207(d). ELT BATTERY EXPIRATION DATE: 03/2018. 4. INSTALLED NEW RIGHT AILERON GAP SEAL P/N 41390-003. REFERENCED SR22 MM 57-50. 5. INSTALLED NEW ALTERNATE AIR DOOR FLAPPER P/N 15710-002 USING NEW BOLT P/N AN3-34 AND NYLON BUSHING P/N 50200-101. REFERENCED SR22 MM 71-60. OPS CHECK GOOD. 6. INSTALLED NEW INNER CYLINDER BAFFLE P/N 646868 BETWEEN #3 AND #5 CYLINDERS. INSTALLED NEW # 5 CYLINDER INTAKE TUBE GASKET P/N 649950 DUE TO REMOVAL FOR ACCESS. REFERENCED SR22 MM 71-00. 7. INSTALLED NEW ADEL CLAMP P/N MS21919WH11 ON RIGHT REAR ENGINE BAFFLE. REFERENCED STANDARD SHOP PRACTICES. 8. SAFETIED KNURLED HOLD DOWN NUT FOR ALTITUDE ENCODER. REFERENCED STANDARD SHOP PRACTICES. 9. REPOSITIONED FUEL LINE GROMMETS FOR THE FUEL SELECTOR VALVE HOUSING IN CONSOLE. REFERENCED STANDARD SHOP PRACTICES. 10. RETORQUED B-NUT ON RIGHT RETURN LINE ELBOW. REFERENCED SR22 MM 20-80. LEAK CHECK GOOD. 11. INSTALLED FOUR NEW SLEEVE SPACERS P/N NAS43DD3-24FC ON THE #2 BATTERY MOUNT. REFERENCED SR22 MM 24-30. 12. INSTALLED TWO NEW WELL NUTS P/N 50803-001 AND ONE NEW P/N 50802-001 FOR LEFT WING STRUT FAIRING. REFERENCED STANDARD SHOP PRACTICES.					

CONTINUED ON PAGE 2

	
Registration	N401SC
Model No.	SR22
Serial No.	0951
13. REMOVED LEFT AND RIGHT WING WITH NEW BRAKE DISCS AND 32-42. OPS CHECK GOOD. 14. REMOVED AND DISASSEMBLED (STEM SIDE) P/N 162-162 SERVICED TIRE. REFERENCE SR22 MM 71-60. 15. INSTALLED NEW #5 CYLINDER. 16. DETERMINED THAT CIRCUITRY BY INSTALLING NOSE REPAIR, PARAGRAPH 17. 17. COMPLIED WITH CIRCUITRY ACCORDANCE WITH BULLETIN. 18. COMPLIED WITH CIRCUITRY BULLETIN ACCOMPLISHING INSTALLATION OF CAT INSTRUCTIONS. 19. VERIFIED AD 2006-07-C WIRE BUNDLES, WHICH WITH CIRRUS SB 2X-21.	
I CERTIFY THAT AN ANNUAL INSPECTION WAS PERFORMED IAW FAR 91.403, APPENDIX D, AND HAS BEEN COMPLETED. PERTINENT DETAILS OF THE INSPECTION ARE RECORDED IN THE MAINTENANCE RECORD.	
Date:	01/24/2017

MAINTENANCE RECORD



AIRFRAME RECORD
ENTRY

Flt. Hour meter 1123.3
Total Time 1123.3

PAGE 2 OF 2

Registration N401SC
Model No. SR22
Serial No. 0951

Cutter Aviation San Antonio, Inc.
367 Sandau Rd.
San Antonio, Texas 78216
Phone (210) 384-3388 Fax (210) 384-3394
CRS U7TR491Y

13. REMOVED LEFT AND RIGHT WHEEL AND BRAKE ASSEMBLIES. REINSTALLED WHEEL AND BRAKES ASSEMBLIES WITH NEW BRAKE DISCS P/N 164-015011 AND NEW BRAKE LININGS P/B 066-10500. REFERENCED SR22 MM 32-41 AND 32-42. OPS CHECK GOOD.
14. REMOVED AND DISASSEMBLED NOSE WHEEL ASSEMBLY. REASSEMBLED WITH NEW OUTER WHEEL HALF (STEM SIDE) P/N 162-02800. REINSTALLED WHEEL ASSEMBLY USING NEW END PLUGS (2 EA) P/N 11635-001. SERVICED TIRE. REFERENCED SR22 MM 32-41.
15. INSTALLED NEW #5 CYLINDER CHT PROBE P/N 14880-001. REFERENCED SR22 MM 77-20. OPS CHECK GOOD.
16. DETERMINED THAT CIRRUS SB2X-32-19R3 NOSE LANDING GEAR ASSEMBLY INSPECTION AND REINFORCEMENT BY INSTALLING NOSE LANDING GEAR REINFORCEMENT KIT P/N 70238-001 IN ACCORDANCE WITH APPROVED REPAIR, PARAGRAPH F, ITEMS 1-6 OF BULLETIN ACCOMPLISHMENT INSTRUCTIONS.
17. COMPLIED WITH CIRRUS SB2X-27-16R2 AYSMETRIC FLAPS BY INSTALLATION OF KIT P/N 70255-002. IN ACCORDANCE WITH BULLETIN ACCOMPLISHMENT INSTRUCTIONS. OPS CHECKED GOOD.
18. COMPLIED WITH CIRRUS SB2X-28-12R1 BY FUNCTIONAL TEST OF ELECTRIC FUEL PUMP IN ACCORDANCE WITH BULLETIN ACCOMPLISHMENT INSTRUCTIONS. NO DEFECTS OR LEAKS NOTED. INSERTED TR 15-27 INTO POH.
19. COMPLIED WITH CIRRUS SB2X-52-08R2 CATCHER / DIVERter AND GAS STRUT ROD END REPLACEMENT BY INSTALLATION OF CATCHER / DIVERter KIT P/N 70544-001 IN ACCORDANCE WITH BULLETIN ACCOMPLISHMENT INSTRUCTIONS.
20. VERIFIED AD 2006-07-06 AMDT 39-14533 TO DETECT, CORRECT, AND PREVENT DAMAGE TO THE FUEL LINE AND WIRE BUNDLES, WHICH COULD RESULT IN FUEL LEAKS WAS PREVIOUSLY COMPLIED WITH IN ACCORDANCE WITH CIRRUS SB 2X-28-04R1.

I CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under **Work Order: 11M-4034**

Date: 01/24/2017

Authorized
Signature:

Richard Kurland

DATE OF
COMPLETION

AIRFRAME RECORD
ENTRY

lt. Hour meter 1123.3
Total Time 1123.3

PAGE 1 OF 2

CIRRUS SR22 SERIES
WITH ALL INDICATIONS

1A-24.
DEFECTS NOTED.
ECHOLOGIES E-01, S/N
NOTED. REFERENCE SR22
/2018.
-50.
P/N AN3-34 AND NYLON

RS. INSTALLED NEW # 5
ENCED SR22 MM 71-00.
ERERENCED STANDARD

DARD SHOP PRACTICES.
IOUSING IN CONSOLE.

EAK CHECK GOOD.
Y MOUNT. REFERENCED

EFT WING STRUT FAIRING.