

**AIRCRAFT  
MAINTENANCE RECORDS**

**N** Z15CP

**AIRFRAME  
LOG BOOK**



# AIRCRAFT MAINTENANCE RECORDS

Owner \_\_\_\_\_

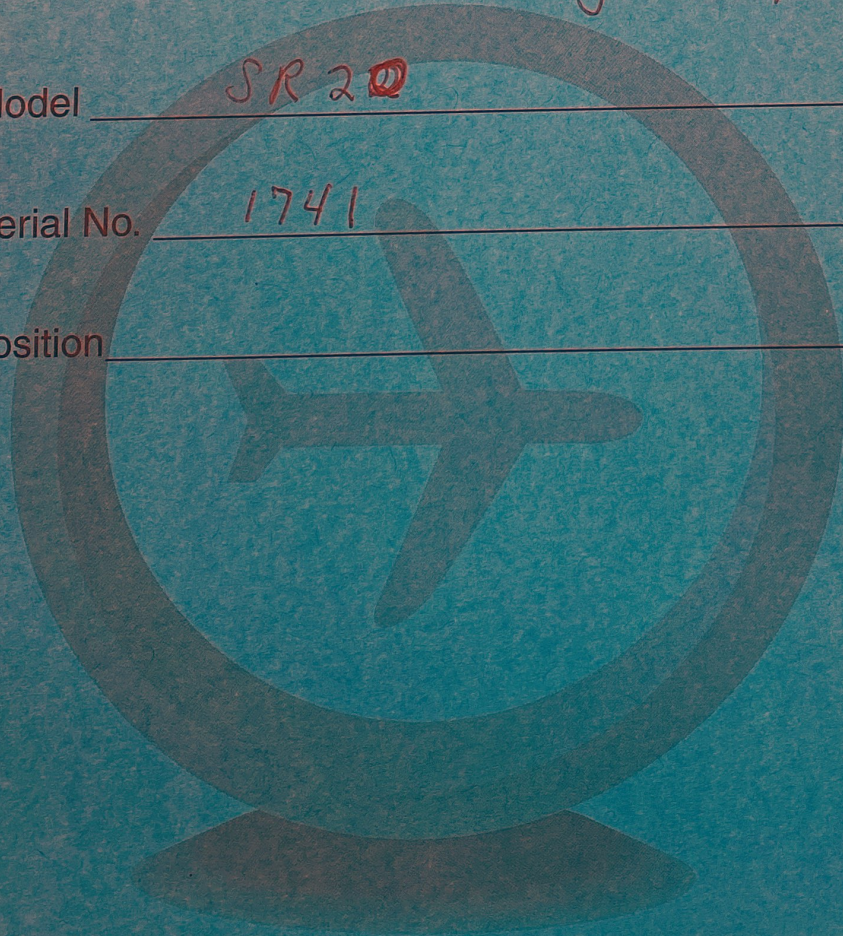
Aircraft Registration **N** 215CP

Manufacturer Cirrus Design Corp.

Model SR20

Serial No. 1741

Position \_\_\_\_\_



# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<b>CARRIED FORWARD</b> →		

MAKE: CIRRUS DESIGN CORP  
MODEL: SR20  
S/N: 1741  
REG. NO: N215CP  
WORK ORDER: 1745



**Advanced Leesburg**  
1005 Sycolin Road Suite 106  
Leesburg, VA 20175  
Phone: 703-443-4739

DATE: 6/27/2022  
A/C TSN:  
FLIGHTTIME: 4006.8

**Airframe Entries**

Removed and replaced #2 battery. P/N 50979-001. Op's check ok at this time.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 6/27/2022

SIGNED:   
Tim Watson, A&P: 2775667

Work Order: 1745

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MAKE: CIRRUS DESIGN CORP  
MODEL: SR20  
S/N: 1741  
REG. NO: N215CP  
WORK ORDER: 1863



**Advanced Leesburg**  
1005 Sycolin Road Suite 106  
Leesburg, VA 20175  
Phone: 703-443-4739

DATE: 8/8/2022  
A/C TSN: 4267.5  
FLIGHTTIME: 4017

**Airframe Entries**

Replaced #3 EGT Probe with new, P/N: 16579-002. Performed post run, ops check ok at this time.  
Cleaned Fuel flow indicator connector. Performed post run Ops check ok at this time.

Maintenance Release

The aircraft and/or component(s) on N215CP 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 this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 8/8/2022

SIGNED:   
Paul Alexiou, A&P: 4401425

Work Order: 1863

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ACE Flight Solutions 95  
Aviation Way  
Fredericksburg VA 22406

**Airframe:**

**Aircraft Registration: N215CP      Aircraft Make & Model: Cirrus SR-20    A/C S/N: 1741**

**Flight Time: 4080.4      Hobbs: 4347.3**

- Lubricated all hinges and rods.
- Serviced all tires with nitrogen/checked pressure.
- ELT check ok. Battery replacement date: 3-27.
- AD search brought forward to 11/4/2023.
- This Airframe has been inspected per the requirements of an annual inspection, referencing FAR 43 App. D, and has been found to be in an airworthy condition at this time.
- Work performed referencing Cessna 182 Service Manual.

Signed:      Date: 11/5/2023

Name (Printed): Gregory Stansberry      A&P License Number: 2775732


**SUB-TOTAL THIS PAGE**

**TOTAL - CARRY FORWARD TO NEXT PAGE**

# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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**CARRIED FORWARD** →

MAKE CIRRUS DESIGN CORP  
MODEL SR20  
S/N 1741  
REG. NO N215CP  
WORK ORDER 2078



**Advanced Leesburg**  
1005 Sycolin Road Suite 106  
Leesburg, VA 20175  
Phone: 703-443-4739

DATE: 11/21/2022  
A/C TSN: 4292.8  
FLIGHTTIME: 4036.9

**Airframe Entries**

- Performed ANNUAL Airframe inspection IAW FAR 43 Appendix D and using Cirrus SR20 AMM Chpt. 5-20 as a reference. Checked flight controls for proper operation, travel, and rigging, lubricated as needed. Performed functional test of the AMSAFE AAIR system using the SDT and using Chpt. 25-10 and Ops Doc# E509129 as reference, all systems passed. Inspected handheld cockpit fire extinguisher for any damage, no defects. Verified pressure in within operable range and weighed extinguisher. Inspected mounting in aircraft, no defects; reinstalled extinguisher. Opened all exterior and interior access panels, inspected, no defects noted, closed all panels.
- ADs & SBs researched on ATP through 11/21/2022.
- Removed ACK Tech E-01 ELT, S/N: 56504 from aircraft to perform operational check and inspect IAW Part 91.207(d), satisfactory at this time with no defects noted. Reinstalled ELT into aircraft. BATTERY DUE @ 3/2027.
- Performed operational check of stall warning horn, no defects noted.
- C/W SB2X-25-25 [Precise Flight Cupholder Install]; utilizing (2) cupholder kit P/N: 70689-001 and install for pilot and co-pilot side per accomplishment instructions. Ops check ok.
- Replaced missing fuel pump vent fitting with (1) refurbished P/N: 50370-001.
- Found fuel strainer warped and exhibiting spots of corrosion and stat-o-seal damaged. Removed old fuel strainer and seal and installed (1) new strainer P/N: 50908-001 and (1) new stat-o-seal P/N: NAS1523-8B. Ops and leak check ok.
- Found negative battery ring terminal to be corroded. Cleaned and treated as needed to eliminate corrosion.
- Reattached LH belly fireshield to airframe using DAPCO 2200 primerless firewall sealant.
- C/W SB2X-55-12R1 after finding top rudder bracket to be cracked. Installed (2) new upper rudder brackets P/N: 20101-007, utilizing (4) screws P/N: AN525-832R9, (4) washers P/N: NAS1149DN832K, and (4) locknuts P/N: MS21044N08. Replaced middle hinge bolt with (1) new bolt P/N: AN4-10. Confirmed gap measurements are within spec and drilled 3/16" hole for pivot bolt. Reinstalled rudder assembly; ops check of rudder satisfactory. All work done using SB2X-55-12R1 and Cirrus SR20 AMM Chpt. 55-40 as reference.
- Installed chafe tape on section of RH flap that was chafing on the airframe.
- Resealed RH outboard NACA duct with ClickBond CB200 acrylic adhesive.
- Adjusted NLG fork to obtain 25lbs of force as needed. Secured with cotter pin.
- Resealed aft antenna with new sealant as needed.
- Replaced (1) battery P/N: 28L for the ELT remote switch. Ops check ok. NEXT DUE @ 11/2026.
- C/W AD2008-11-18 & SB2X-78-07R1 [Exhaust System/Heat Exchanger Inspection] by visual and pressurization check using SR20 AMM Chpt. 78-20 as reference. Found no defects. NEXT DUE @ Flight Time: 4136.9 or 11/7/2023, whichever occurs first.
- C/W SB2X-32-18R4 [NLG Upper Gusset Plate And Attach Point Arms Inspection], no defects noted at this time. NEXT DUE @ Flight Time: 4136.9
- C/W SB2X-24-09, installed 2A inline fuse holder on TVS IAW the accomplishment instructions. Ops check ok.
- C/W SB2X-25-19 IAW accomplishment instructions with no defects noted.
- Fabricated & installed bracket above external power receptacle for customer supplied BatteryMINDER using MIL-@-22759/16 wire with 15A inline circuit

protection fuse. Attached to battery relay and airframe ground with ring terminals. Terminated opposite end with Anderson SB50 plug with protective cover. All work IAW AC43.13/1B. Verified continuity, polarity, tested with charger and for proper aircraft electrical system operation. No defects noted at this time.

- Main battery failed capacity check. Removed Gill battery P/N: G-243, S/N: G02974202 and replaced with (1) new Concorde SLA battery P/N: RG24-15M, S/N: 41251703. Ops check ok.

I certify this Aircraft has been inspected IAW with a 100 HOUR/ANNUAL Inspection and was found to be in Airworthy Condition.

**Maintenance Release**

The aircraft and/or component(s) on N215CP 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 this maintenance are on file at our facility under the above work/service order number as applicable.

DATE: 11/21/2022

SIGNED:

*Mike Arthur*

Michael Arthur, IA: 3543829

Work Order: 2078

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