

AIRCRAFT MAINTENANCE RECORD

Page No. _____

DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK

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. 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

Printed by ERIS 3 (datamedia.com)

wo: WO_548

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Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N215CP

TACH: 4094.9

Cirrus , SR20, S/N: 1741

August 08, 2024

- Removed all flight controls, covers, inspection panels, and decals.
- Stripped all flight controls using PR-2002, neutralized using ALK-600, cleaned and water break tested, Etched, Alodine, and epoxy primed.
- Prepared flight controls and airframe for paint I/A/W Cirrus AMM 51-20.
- Painted airframe and flight controls I/A/W Cirrus AMM 51-20.
- Checked all the flight controls are within balance limits.
- Reinstalled all flight controls, covers and inspection panels, window sealant, wing walk, gap seals and decals. Installed (2) P/N 15648-001 - Fuel Fill Placard SR20, Installed (2) P/N 14390-003 - AILERON GAP SEAL, WHITE, Installed P/N 760UV - WINDOW SEAL.
- Recovered FWD headliner, A pillars with ALCM-FR-2445. Recovered lower panels with ULCOFR194590. Refinished interior plastics with S/W#E09991.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO_548

Echota Henderson A/P 4076904

[Signature]