

Book #3 1182250

AIRCRAFT LOG
AF5-1

Aircraft Log

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR22 DATE OF MFG. APR 2004
SERIAL NUMBER 0899 REGISTRATION NUMBER N8225C

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 _____

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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MAKE: Cirrus
 MODEL: SR 22
 S/N: 0899
 REG. NO: N822SC
 WORK ORDER:
 5942-10-2020



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 12/8/2020
 A/C TSN: 3865.6
 HOBBS: 3865.6

AD Entries

Researched all ADs and Mandatory Service Bulletins thru BW 2020-25. C/W SB 2X-05-01 "Overhaul And Replacement Schedule - Brake Assembly O-Ring Replacement Interval" by installing (4) new LH and RH brake o-rings P/n M83461-1-222, (2) new temperature indicators P/n 51698-001 and (2) new temperature indicators P/n 51698-003. Serviced with hydraulic fluid P/n Royco 756. Operational and leak check satisfactory. Next recommended replacement due DEC/2025 or on condition. C/W SB 2X-05-02 "Induction Duct Flapper Bolt Replacement Interval" by installing new induction duct flapper bolt P/n AN3-34. Next due Flight Meter: 970.7 or 12/22, whichever comes first. C/W SB2X-27-18 "Rudder Aileron Interconnect Assembly Removal" by removing the rudder-aileron interconnect Assy. Installed "REMOVED PER SB2X-27-18" tag to the mounting holes previously used to attach the rudder-aileron interconnect arm. C/W SB 2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Next upper gusset plate inspection is due Hobbs: 3965.6. Hartzell ASB 081 Rev. A "Alternator Castellated Hex-nut Inspection" (Continental Aerospace Technologies CSB19-06) is N/A per installed alternator is not affected. C/W AD 2020-16-11 Continental Aerospace Technologies "Inspection and Maintenance Modification of Cylinder Assemblies" by performing a non-destructive visual inspection IAW Continental Aerospace Technologies MSB18-08C. Blended radius of all cylinder exhaust ears, achieving a smooth, tapered corner. Cylinder S/Ns affected: #1 AC17CA288, #2 AC17BA318, # 3AC17CA415, #4 AC17BA248, #5 AC17BA287, #6 AC17CA269.

Maintenance Release

The aircraft and/or component(s) on N822SC was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 5942-10-2020.

DATE: 12/8/2020

SIGNED:

Fouad Hussain, A&P: 3204861 IA

Work Order: 5942-10-2020

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MAKE: Cirrus
MODEL: SR 22
S/N: 0899
REG. NO: N822SC
WORK ORDER:
5942-10-2020



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 12/8/2020
A/C TSN: 3865.6
FLIGHTTIME: 470.7

Airframe Entries

Completed an Annual Inspection this date Ref. CDC SR22 AMM 5-20. Inspected and lubricated all pulleys, cables, rod ends trim cartridges and hinges. Installed new engine induction air filter element P/n BA24. Inspected and weighed cabin fire extinguisher (weight 514g). Inspected and tested E-04 ELT per FAR 91.207(d). Battery exp. MAR/2027. Checked ADs thru BW 2020-25.... Hartzell ASB 081 Rev. A "Alternator Castellated Hex-nut Inspection" (Continental Aerospace Technologies CSB19-06) is N/A per installed alternator is not affected.... C/W SB 2X-05-01 "Overhaul And Replacement Schedule - Brake Assembly O-Ring Replacement Interval" by installing (4) new LH and RH brake o-rings P/n M83461-1-222, (2) new temperature indicators P/n 51698-001 and (2) new temperature indicators P/n 51698-003. Serviced with hydraulic fluid P/n Royco 756. Operational and leak check satisfactory. Next recommended replacement due DEC/2025 or on condition.... C/W SB 2X-05-02 "Induction Duct Flapper Bolt Replacement Interval" by installing new induction duct flapper bolt P/n AN3-34. Next due Flight Meter: 970.7 or 12/22, whichever comes first.... C/W SB2X-27-18 "Rudder Aileron Interconnect Assembly Removal" by removing the rudder-aileron interconnect assy. Installed "REMOVED PER SB2X-27-18" tag to the mounting holes previously used to attach the rudder-aileron interconnect arm.... C/W SB 2X-32-19R3 "Nose Landing Gear Assembly Inspection and Reinforcement" by inspecting the upper gusset plate and nose gear strut fillet weld. Next upper gusset plate inspection is due Hobbs: 3965.6.... C/W Airwolf Airsep ICA Ref. AFC-W360 Rev C by cleaning the inside of the AirSep and oil return line with mineral spirits. Installed new air oil separator gasket P/n W-2003. Next due: DEC/2021 or Hobbs: 3966.1.... Installed new upper cowl seal P/n 53722-063U.... Removed upper spinner baffle section and lower spinner baffle bracket and installed in correct positions using (4) new bolts P/n 628321-38.... Installed new propeller rod end P/n 131553-3F and checked rigging. Operational check satisfactory.... Installed new LH Tygon fuel vent tubing P/n 50173-125U using (2) new spring clips P/n 50152-002.... Installed new RH Tygon fuel vent P/n 50173-125U using (2) new spring clips P/n 50152-002.... Installed new RH IB wing tip click bond P/n 50132-001 using Epoxy P/n 14240.... Painted and installed new tail inspection plug P/n 50498-200.... Installed new NLG thrust washer P/n 50545-001, new castellated nut P/n MS17825-8, new washer P/n NAS1149F0863P, and (4) new Belleville washers P/n 50750-101. Set nose fork tension to 25 lbs. Ref. Cirrus AMM Ch. 32-20.... Installed new RH NLG wheel fairing support bracket P/n 11799-004.... Installed new RH wheel pant mount axle P/n 13447-001 using new bolt P/n AN4-4A and new cotter pin P/n MS24665-362.... Rotated LH and RH tires on wheels to even tread wear and prolong life of tire. Inflated tires checked for leaks.... Installed new pitch trim cartridge bushing P/n 11268-001.... Installed new bow tie locking cotter pin P/n 51170-001 in LH passenger seat.... Installed new well nut P/n 50763-002 and new screw P/n MS24693C29 in baggage door threshold plate.... Installed new battery vent tube P/n 50209-001U.... Installed new ALT air flapper assy. P/n 15710-002. Function check satisfactory.... Installed new mixture control rod end P/n 131553-3F. Function check satisfactory.... Removed electric fuel pump P/n 5217-00-1R, S/N 1363, and installed electric fuel pump P/n 5217-00-3, S/N 0878, overhauled by Quality Aircraft Accessories, Inc., CRS No. 9QFR310C, under W/O: 060406. Leak and function check satisfactory.... Removed compressor hose and installed (2) new hose connection o-rings. Reinstalled hose and serviced system with Freon, R-134-A. Leak check satisfactory.... Installed serviceable compressor support bracket P/n 220-1404-1 and adjusted belt tension IAW CDC AMM 21-50-03.... Installed new air oil separator discharge duct P/n SCAT7 with new clamp P/n MS21919WDG30, IAW AFC-W360.... Installed new #1 header P/n 15080-001, new exhaust gasket P/n 652458 and new bolt P/n AN4C32. Leak check satisfactory.... Installed new #4 exhaust weldment P/n 15073-001, (3) new exhaust gaskets P/n 352458 with new bolt P/n AN4C32. Leak check satisfactory.... Installed new #3 exhaust P/n 15069-001 with new exhaust gasket P/n 652458 and new bolt P/n AN4C32. Leak

check satisfactory.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N822SC was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 5942-10-2020.

DATE: 12/8/2020

SIGNED:

Fouad Hussain, A&P: 3204861 IA

Work Order: 5942-10-2020

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AIRFRAME LOG

1/4/2021

Reg: **N822SC**
Make: **CIRRUS**
Hobbs: **3987.1**

STEEL AVIATION
S/N: **0899**
Model: **SR22**
Tach: **0579.5**

END OF INSPECTION-STATUS & DISCREPANCY LIST
NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

1. Removed
ENGINE IO-550 N S/N.687500
PROP P/N PHC-J3YF-1RF, S/N FP279213
Prop GOV, P/N NC040202.
ALT 1. S/N A70507.
ALT 2. S/N 0287096K
Starter. H-T060574

A/P/I/A 3304319
Signed Jeff Fleiman

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