

The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CIRRUS Model SR22

Serial 2428 Registration Number N4543R

Date of Manufacture 4/2007

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 _____

C
N
IS

Date 5/1/2019

W/O# 17582



Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 454SR

S/N: 2428

ch / Flight 1251.70 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 2019-08.

TTAF 1251.7 COMPLIED WITH CIRRUS MANDATORY SB2X-32-19R3, NOSE LANDING GEAR ASSEMBLY UPPER GUSSET

Eng, TSN 1251.7 PLATE INSPECTION.

Eng TSO N/A COMPLIED WITH CIRRUS AMM CHAPTER 4 ITEM, INSTALLED NEW CAPS REEFING LINE CUTTERS P/N 26707-001 S/N 14593 AND 14358 MFG DATE 08-2018, **NEXT DUE 08-2024**. INSTALLED NEW BRACKETT

Prp TSN 1251.7 INDUCTION AIR FILTER ELEMENT. REMOVED CAPS CROSS BAR TO ACCESS Y-HARNES BLAST SLEEVE, REPOSITIONED AND SECURED. COMPLIED WITH 12 YEAR AMSAFE SEAT INFLATOR REPLACEMENTS BY REMOVING LH & RH FORWARD SEAT INFLATORS PN 508794-401. LOT# 3500716, PILOTS S/N AASI266T20030 AND CO PILOTS S/N AASI266T20013 AND REMOVED EXISTING WIRE HARNESS FROM EACH SEAT. INSTALLED PILOTS SEAT INFLATOR P/N 512847-401 (CIRRUS PN 20902-005), S/N Z7181335089. DATED A1218. WITH NEW 90 DEGREE FITTING AND NEW LRU/INFLATOR INTERFACE CABLE. **PILOTS INFLATOR NEXT DUE 12/2028**. INSTALLED NEW CO-PILOTS SEAT INFLATOR P/N 512847-401 (CIRRUS PN 20902-005), S/N Z7181335175. DATED A1218. WITH NEW 90 DEGREE FITTING AND NEW LRU/INFLATOR INTERFACE CABLE. **CO-PILOTS INFLATOR NEXT DUE 12/2028**.

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 3/2024 Signed: 
Shawn Matthies AWKR298C



Date 8/6/2019

Airframe Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C

S/N: 2428

W/O# 17779

25170 Aviation Ave., Davis, CA 95616

Tach

1293.4

REMOVED S-TEC PITCH SERVO P/N 0108-17-P4, S/N 0651-16971BCDEFHJK, AND INSTALLED NEW S-TEC PITCH SERVO P/N 0108-17-P4, S/N 00108-1929-00001BCDEFHJK. PITCH SERVO SLIP CLUTCH HAS BEEN SET TO 35 IN LBS AND PITCH SERVO BRIDAL CABLE TENSION SET TO 20 LBS. CLEANED CONNECTIONS AT THE AUTOPILOT COMPUTER. OPERATIONAL CHECKED 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



Date 10/22/2019

Airframe Logbook Entry

AIRCRAFT: N 454SR

CRS AWKR298C

S/N: 2428

W/O# 18040

25170 Aviation Ave., Davis, CA 95616

Tach

1332.4

REPLACED ORIGINAL S-TEC AUTOPILOT TRAY WITH AVIDYNE DFC90 TRAY KIT P/N 850-00213-000. PERFORMED ALL GROUND CHECKS, SYSTEM OPERATES NORMALLY.

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

RECORDING

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

to be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)

DATE 1/16/2020

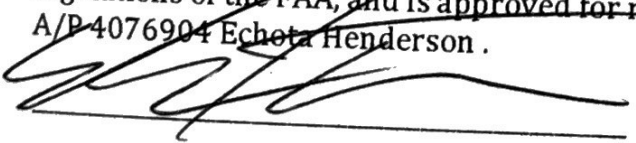
STEEL AVIATION INC
Airframe LOG

N454SR
TACH 1435.0
MAKE Cirrus

S/N 2428
Hobbs 1435.0
Model SR22

1. Removed all flight controls, covers, inspection panels, and decals.
2. Stripped all flight controls using PR-2002, neutralized using ALK-600, cleaned and water brake tested, Etched, Aldine, and epoxy primed.
3. Prepared flight controls airframe for paint per Cirrus AMM 51-20
4. Painted airframe and flight controls per Cirrus AMM 51-20 using materials from Cirrus AMM 51-30.
Sterling silver SGM06660
Black pearl SGP06693
Athens Blue SGP200007
5. Check all flight controls are within balance limits.
6. Reinstalled all flight controls, covers and inspection panels, window sealant, wing walk, gapes seals and decals.
7. R&R refurbished interior components from SCS interior W.O 34636
8. R&R RH/LH MLG tires & tubes P/N 156E66-4, 097-500-0

The aircraft and /or component listed above was repaired and inspected in accordance with manufactures AMM & current regulations of the FAA, and is approved for return to service.
A/P 4076904 Echota Henderson.



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.)
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Date 2/24/2020

Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 454SR

W/O# 18304

25170 Aviation Ave., Davis, CA 95616

S/N: 2428

Tach 1377.5 REMOVED, CLEANED AND INSPECTED DAU CONNECTORS. APPLIED STABILANT TO CONNECTOR FUEL FLOW INDICATION OPERATIONAL CHECKED 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



Date 5/7/2020

Airframe Logbook Entry

CRS AWKR298C

AIRCRAFT: N 454SR

W/O# 18401

25170 Aviation Ave., Davis, CA 95616

S/N: 2428

FLIGHT METER 1,393.40 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 20,000 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.)
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Date 5/21/2020

W/O# 18464

Airframe Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 454SR

S/N: 2428

**FLIGHT
METER**

1403

COMPLIED WITH CIRRUS MANDATORY SB2X-52-08R2 PASSENGER & CREW DOORS CATCHER/DIVERTER AND GAS STRUT METAL ROD END INSTALLATION. INSTALLED NEW DIVERTERS AND METAL GAS STRUT ROD ENDS WITH NEW CO-PILOTS GAS STRUT P/N 18200-004. SECURED ALL ATTACHING HARDWARE. OPERATIONAL AND CLEARANCE CHECKED GOOD.

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

NAME: PASSENGER
 TITLE: CHANDLER
 S/N: CHANDLER
 ADDRESS: CHANDLER
 PHONE: (480) 732-9118
 S/N: XXXXX

CHANDLER AVIATION INC
 CHANDLER MUNICIPAL
 CHANDLER, AZ
 (480) 732-9118

DATE: 09/29/20
 WO#: 57413
 HOBBS: 1544.4
 TACH: XXXXX
 TOTAL: XXXXX

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

SIGNATURE: AUTH. NO. 2307335 A&P

Removed battery and replaced with new S/N G03100593. Ops check satisfactory.

END

Registration N454SR
Make Cirrus
Model SR22
Serial # 2428




Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945

Airframe

Date 05/27/2022
TTAF 1615.1
Hobbs 1704.9
Flt Time 1615.1
Work Order 23152

ns
of
s.)

Performed an Annual inspection service per SMA checklist
ELT unit tested in accordance with FAR 91.207, (d), ops checked good, battery expires 03/2024
CAPS inspection/Check and Electrical Ignition Checkout complied with per Chapter 95-00 of Cirrus maintenance manual, no defects noted
Replaced engine air induction filter P.N. BA-24
Sealed TKS panels with customer supplied sealant
Topped off TKS reservoir
Resealed right hand brake caliper and bled brake system
Replaced left hand tailpipe ground strap with new
Installed new MT propeller per STC SA02924CH
Filed 337 with FAA, updated W&B, equipment list and POH
All AD's are current and up to date
I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for service

Signature: 
Daniel Lee Grass A&P I.A. 3577254
Sierra Mountain Aviation, Inc. 530.273.5273

REG NO N454SR
MODEL SR22
S/N XXXXX
ENG MOD I0550N
ENG S/N XXXXX

CHANDLER AVIATION INC
CHANDLER MUNICIPAL
CHANDLER, AZ
(480) 732-9118

DATE 04/25/23
WO# 60214
HOBBS 1781.9
TACH 1690.3
TOTAL XXXXX



THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND
ELIGIBLE FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.



OPERATURE   AUTH. NO. 2307335 A&P

Removed battery #1 and replaced with new Gill 7243 series S/N G03179249. Ops check satisfactory.

7243-14

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.)
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Registration N454SR Make Cirrus Model SR22		Date 07/28/2023 FLT Time 1714.9 Work Order 23372
Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe		
Installed new pilot door window Resealed all windows Installed new memory battery for #2 GTN650 battery kit # K00-00696-00 Returned aircraft for service		
Signature:  Daniel L. Grass A&P 3577254 Sierra Mountain Aviation, Inc. 530.273.5273		

Registration N454SR Make Cirrus Model SR22		Date 08/21/2023 FLT Time 1717.3 Work Order 23383
Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe		
Installed new RG24-15M battery Serviced nose tire Returned aircraft for service		
Signature:  Daniel L. Grass A&P 3577254 Sierra Mountain Aviation, Inc. 530.273.5273		

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 2428
REG NO N454SR
WORK ORDER:
34581-06-2024



First Flight Aviation

Repair Station No GA5R-876M
10600 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 937-885-5580

DATE 6/20/2024
A/C TSN
TACH

Avionics Entries

(1) Documented GTN-650, P/N 011-02256-00, S/N 1Z8012677, original configurations. Replaced Memory Battery using Garmin GTN625/635/650 Maintenance Manual, P/N 190-01004-01 as a reference. Verified original system configurations settings. Normal Bench Operation Observed.

Maintenance Release

The aircraft and/or component(s) on N454SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 34581-06-2024.

DATE: 6/20/2024

SIGNED:

Musgrave, Jack
Certified Repair Station No. GA5R-876M

Work Order: 34581-06-2024

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YEAR NO 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.)
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wo: WO_458

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

N454SR
HOBBS: 1837.9

CIRRUS DESIGN CORP, SR22, S/N: 2428
TACH: 1746.3

June 25, 2024

1. C/W Annual Inspection in accordance with FAR 43 Appendix D - using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). Next due 6/2024.
3. ELT Battery Due: 5/2029.
4. Airworthiness Directives checked through Bi-Weekly 2024-12.
5. C/W MSB2X-32-19R3. Due every 100 hours.
6. MSB2X-95-31R1 due @ next CAPS replacement.
7. NEW MSB2X-95-33R1 IS N/A BY SB2X-95-81R3 P/C/W ON 2/15/2017.
8. C/W 500 ENG MOUNT TORQUE.
9. R/R ELT remote 6V battery 28L Duracell, due 03-2032 Installed P/N 28L - ELT REMOTE BATTERY DURACELL, Installed P/N 28L - ELT REMOTE BATTERY DURACELL.
10. Removed Rudder/Aileron Bungee cord Per SB 2X-17-18R2.
11. Installed new O-rings on LF brake caliper. Bled system, OPs tested Good. Installed (2) P/N 101-34500 - M83461/1-222, HIGH TEMP O RING, Installed P/N 51698-003 - 300 Degree, Yellow, Installed P/N 51698-001 - 330 Degree, Blue.
12. Installed new Velcro buttons for CAPS placard.
13. Safety wired Encoder w/ .025.
14. Installed new ELT battery EXP. 05/01/2029 OPs tested. Installed P/N E-04.0 - E-04 Replacement battery pack.
15. Removed GTN 650 #1 GPS and sent for memory battery change at First Flight Aviation. See separate log entry for details of work performed. Reinstalled #1 GPS. See form 8130 -3 from First Flight for more details.

Entry 6/25/2024 continued on next page

