

AIRCRAFT LOG
AF5-1



Aerospace Coatings

Base Coat Colors:

Snow White
CM0850102

Primer
E2A960

Clear
CM0850001

Use compatible primer and clear per
AMM and SW product data sheets

North America 1.888.888.5593

International 316.733.7576

www.swaerospace.com

415 E. Commerce Street

Andover, KS (USA) 67002

Aircraft Log

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TC #A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp

MODEL SR22

SERIAL NUMBER 4329

DATE OF MFG. APR-2016

REGISTRATION NUMBER N416PL

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 Inc.	IO550N	R 1032054 L
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	PHL-J3YIF-IN	NJ1276B
PROPELLER	SKYTEC ST3 STARTER REMOVED	657596	403-021610
ENGINE	ENERGIZER STARTER INSTALLED	646275	H-9050855
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

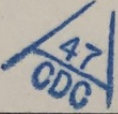
MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

3/10/16

STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.

CDC  on 03/10/16
Cirrus Design Corporation Duluth, MN USA
PRODUCTION CERTIFICATE NO. 338CE

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./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.
		08-APR-2016 HRS: 2.1	Searched AD's through bi-weekly issue <u>2016-07</u> . All AD's are in compliance at this time.			



289 E Perimeter Rd.
Renton, Washington 98057
United States

Telephone: 425-204-0845

www.aceaviationinc.com

Registration #: N416PC

Total A/C Time:

Total A/C Cycles:

Hour Meter: 232.0

Manufacturer: Cirrus Connection

Part/Model number: SR22

A/C Serial Number: 4329

Work Order No: 1765

Date: 6/7/2018

Squawk

- 1.1 Removed rocket s/n 0564 and disassembled. No contamination of aft grain noted at this time. Replaced O rings, Ortman key, and hardware with new and assembled in accordance with SB 2X-95-23 R1 and Cirrus CMM 95-01-01. Reinstalled rocket assembly to aircraft in accordance with Cirrus CMM 95-01-01. This SB does not recur.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number 1765.

Sean Quinn (SEAN)

AP3560704

*** End of Document ***

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6C.

TESTED TO 18,000 FEET ON MAR 21 2016

Transponder: Mfg Garmin P/N 24653-002


Model: GTX-33ES S/N 89131199

Air Data Computer: Model GDC74A P/N 24651-001

S/N 20622154

Altimeter: Mfg United P/N 12731-003

S/N 506725

CDC Quality Assurance  on 03/21/16

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPLY AGENCY
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MAKE: CIRRUS
 MODEL: SR22
 S/N: 4329
 REG. NO. N416PC
 WORK ORDER:
 20570-03-2018



Western Aviation

Repair Station No. GG6R560N
 PO Box 11835
 Spokane, WA 99212
 Phone: 509 534-7371

DATE: 3/14/2018
 A/C TSN:
 HOBBS: 269.5

Avionics Entries

Tested PFD, ADC and Standby Altimeter units to 20,000'. All tests ok. Tested pitot static system and altitude reporting equipment to 20,000'. All tests ok. Tested transponder. Tested all functions. All functions test ok. Found system to comply with part 43 Appendix E and F this date.

#1 ALTIMETER MODEL # GDU-1000 SN 15G055616 Encoder Model# GDC-74A SN 20622154
 #2 ALTIMETER MODEL # 5934AD-3 SN 506725 Encoder Model# SN
 STBY/#3 ALTIMETER MODEL # SN
 #1 TRANSPONDER MODEL# GTX-33E\$ SN 89131199
 #2 TRANSPONDER MODEL# SN

#1 PITOT STATIC SYSTEM FT/MIN 41.2 #2 PITOT STATIC SYSTEM FT/MIN

The aircraft and/or component(s) on N416PC 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 the repair are on file at this repair station under Work Order No. 20570-03-2018, Dated 3/14/2018.

DATE: 3/14/2018

SIGNED:

Work Order: 20570-03-2018

Kelly Martin

Certified Repair Station No. GG6R560N

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MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: CIRRUS DESIGN CORP
MODEL: SR22
S/N: 4329
REG NO: N416PC
WORK ORDER: 17898-04-2016



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-788-3049

DATE: 4/12/2016
A/C TSN: 5.4
TACH: 5.4

Airframe Entries

(2) Adjusted upper pilot side door latch IAW CDC AMM 52-10. Ops check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 4/12/2016

SIGNED:

Ben Hodgkins
Certified Repair Station No. YD5R855Y

Work Order: 17898-04-2016

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6/10/16	42.6	REMOVED SKY TEE STARTER 657596 AND INSTALLED ENERGIZER STARTER 646275 PER AFM. WEIGHT AND BALANCE RECORDED IN POW.	S/N 4C3-021610 S/N H-Q050855
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Handwritten note: New sygon APR 19 2016

DATE

IN SERVICE

07 APR 16

2.1

F.A.R. 43.11-91.409

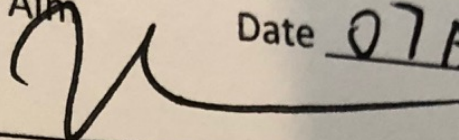
KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

Production Flight Test accomplished in accordance with
Cirrus Procedure #90502.

Name: Nate Alm

Date 07 APR 2016

Signature:

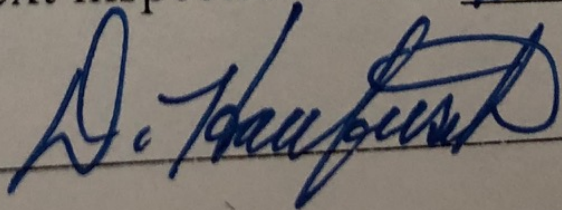


Title: Production Flight Test Pilot

08 APR 2016

2.1

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 08 APR 2016.
The next inspection is due 30 APR 2017.



David C. Hallfrisch

INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION—STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

MAKE: Cirrus Design Corp
MODEL: Sr22
S/N: 4329
REG. NO: 416PC
WORK ORDER:
0798-02-2017

East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B
2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 4/1/2017
A/C TSN: 164.2
HOBBS: 199.8

Airframe Entries

(1) Inspected this aircraft in accordance with FAR 43 Appendix D, replaced induction air filter and serviced fuel strainer,... (5) Replaced sections of missing left and right lower cowl seal P/N 53722-063U... (6) Secured "NO CONNECTION" cap on Alt. #1... (7) Repositioned oil breather hose to prevent further chaffing.... (9) Replaced right flap "NO STEP" placard P/N 12433-001.... (10) Replaced right fuel cap O-Rings P/N 300.... (11) Secured left and right MLG fairing grommets.... (13) C/W FAR 91.207d ELT inspection and test battery due date is 6/22, checked and found all AD's to have been C/W thru this date, I certify this aircraft to have been inspected in accordance with a annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 416PC 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 the repair are on file at this repair station under Work Order No. 0798-02-2017

DATE: 4/1/2017

SIGNED:

Work Order: 0798-02-2017

Richard John Epler

Certified Repair Station No. FAA CRS 9ESR403B

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Corporate Air Center **N416PC SR-22 G5 S/N: 22-4329 FLT: 204.9**



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 204.9
Engine TSN: 204.9
Prop TSN: 204.9
Hobbs: 249.4

IO-550-N

S/N 1032054

All work performed in accordance with the Cirrus maintenance manual and FAR Part 43, Part 91 subpart E.

1. C/W 50 Hr. oil change inspection.
2. Drained oil and obtained a sample (Blackstone).
3. Removed filter and cut open. No metal found.
4. Installed new filter P/N CH48108-1.
5. Serviced engine with 6 qts. of Phillips 20W-50.
6. C/W SB2X-32-22R1 Nose Landing Gear Strut Assy. Inspection. No cracks noted. Next inspection due by FLT: 254.9.
7. C/W SB2X-32-23 Nose Wheel Shimmy Reduction. Set tire pressure to 45 psi, set NLG fork tension to 35 Lbs. of constant force.

7/31/2017

Daniel P. Monahan

INSPECTION RECORD F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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MAKE: Cirrus
MODEL: SR22
S/N: 4329
REG NO: 416PC
WORK ORDER: 28615



Aircraft Solutions, LLC.
6095 E Rutter Ave. Suite 2
Spokane, WA 99212
Phone: (509) 838-8883

DATE: 4/2/2018
A/C TSN: 220.3
HOBBS: 220.3

Airframe Entries

Annual inspection completed this time and date in accordance with FAR 43, Appendix D and per Cirrus Aircraft chapter 5 Inspection Program... Checked aircraft records for any applicable AD notes that are due at this time... ELT inspected and tested in accordance with FAR 91.207. Battery replacement next due JAN 2022... Complied with SB2X-32-22R2 NOSE GEAR - Nose Landing Gear Strut Assembly Inspection... Complied with SB2X-53-06 Vertical stabilizer fuselage skin inspection per visual inspection no defects noted at this time, no further action required... Complied with SB2X-74-02 dated 1-24-2018 Switching - Ignition switch security... Complied with SB2X-95-24 Caps Rocket Shelf Ground wire installation... Removed, top-charged, capacity- checked and recharged per Concord battery instructions for continued airworthiness. passed... Installed new Bracket BA-24 induction air filter element. Next due Mar 2019... Removed and replaced #2 batteries with new p/n 50979-001 reinstalled in aircraft... Complied with GSM86 servo mount inspection and Slip clutch test 2 Year requirement due, no defects noted next due 3/2020 or 3220.3 ACTT which ever first... Complied with GSM86 servo mount inspection 2 Year requirement due next due 3/2020 or 1220.3ACTT which ever first... Complied with special inspection Wing attach and fuselage skin inspect for loose hardware no defects noted next due 520.3 or 3/2019 which ever first... Removed Oleo strut p/n 27057-002 Prod no 1215-38 installed new Oleo strut p/n 27057-002 prod no 0216-34 checked service ok... Removed Attitude Indicator p/n 4300-208 s/n A16-10624 installed overhauled Indicator p/n 4300-208 s/n G14-10551 from MidContinent see 8130-3 dated April 05-2016... Installed new seal on lower LH cowling P/N 53722-063U... Installed Battery minder airframe interface kit P/N BM-AIK2 per the manufacturers installation instructions... Installed new nose gear Strut fairing p/n 26607-001... Replaced LH and RH side tow bar Protective films... Adjusted LH exhaust ball joint as necessary per the Cirrus Maintenance Manual... Installed 3M protective tape P/N 09-20110 on the upper ends of the main gear fairings... Installed 3M protective tape P/N 09-20110 on bottom of wings around the main gear fairings... Touched up paint on RH side of wheel pant... Operational check all systems good, approved for return to service.

I certify that Aircraft 416PC has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Aircraft 416PC and/or component(s) identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this Agency under Work Order 28615 dated 4/2/2018.

DATE: 4/2/2018

SIGNED:
Pete Reed, IA: 3018502

Work Order: 28615

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INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION—STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

Date: 07/01/2019

Tach: 359.0

TTAF: 359.0

Inspected airframe in accordance with Cirrus Maintenance/Service Manual 100 HR/Annual inspection checklist & per FAR 43. App. D. Function tested ELT per FAR 91.207(d), batt due 01/2022. Checked AD's through this date, for details see list in aircraft records.

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

Mari Elin I. Byler
Mari Elin I. Byler
A&P 3535707 IA

NOBBS 359.0
FLIGHT 293.4

J. Cha
1701403

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