

AIRCRAFT LOG
AF5-1



Base Coat Colors:

Sterling Silver

SGM06660

Athens Blue

SGP200007

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

MANUFACTURER

MODEL

SERIAL NO.

Continental Motors Inc

TSIO550K

R 1032310

L

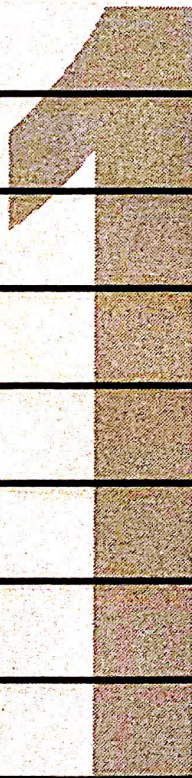
R

L

Hartzell Propeller Inc.

PHC-J3YIF-IN

NJ1328B



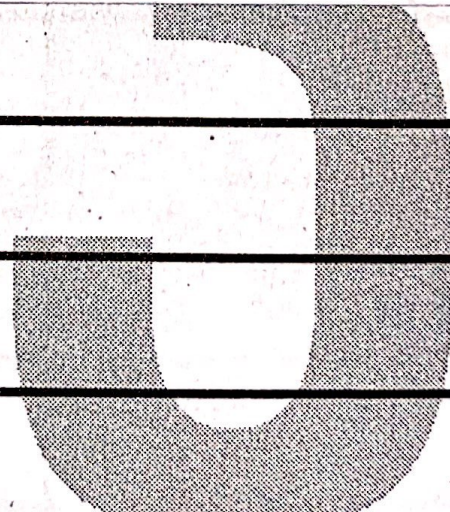
STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.



CDC _____ on 05 / 18 / 2016

Cirrus Design Corporation Duluth, MN USA

PRODUCTION CERTIFICATE NO. 338CE



Life Limited Parts SR22T

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	29500-004	S/N <u>0939</u>	<u>05/2026</u>
CAPS Parachute	29696-004	S/N <u>0755-LW</u>	<u>04/2026</u>
CAPS Reefing Line Cutters	26707-002	S/N <u>1984</u> S/N <u>1985</u>	<u>05/2022</u>
ELT Battery Pack	452-6504-1		<u>09/2022</u>
EMA Controller, AAIR	20902-001	S/N <u>A31MAR16-108</u>	<u>03/2023</u>
Oxygen Bottle Assembly	102N0100-1	MFG Date <u>01/2016</u>	<u>01/2031</u>
CO Detector	24660-002	S/N <u>95884</u>	<u>05/2023</u>
Pilot Seat Inflator Assembly	20902-005	<u>27152341092</u> S/N _____	<u>04/2026</u>
Co-Pilot Seat Inflator Assembly	20902-005	<u>27151927069</u> S/N _____	<u>02/2026</u>

ADC 1: Model GDC74A P/N 24651-001

S/N 20622561.

ADC 2: Model GDC74A P/N 24651-001

S/N 20622617.

Altimeter: Mfg MD 302 P/N 30499-004

S/N D16-10896.

CDC Quality Assurance 16 on 5/25/16

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

AIRFRAME LOG ENTRY DATED: 07/14/2016

REG #: N112RN
FLIGHT TIME: 21.9

SERIAL #: SR22T-1369
HOBBS TIME: 27.2

COMPLIED WITH THE FOLLOWING INSPECTIONS / MAINTENANCE:

1. 50 HOUR AIRFRAME INSPECTION
2. 50 HOUR NOSE GEAR OLEO STRUT INSPECTION

ALL WORK COMPLETED IN ACCORDANCE WITH CIRRUS DESIGN AIRCRAFT MAINTENANCE MANUAL CURRENT REVISION. THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS RETURNED TO SERVICE WITH RESPECT TO THE WORK PERFORMED.


MECHANIC INSPECTOR: JOSHUA J. FERRY, CERTIFICATE #: AP3115270
FOR SKYWARD AVIATION

MAKE: Cirrus
MODEL: SR22T
S/N: 1369
REG. NO: N112RN
WORK ORDER:
4635-07-2016

ADVANCED Fly Advanced

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/23/2016
A/C TSN: 36.3
HOBBS: 45.3

Airframe Entries

Removed and replaced the cam locks in the top and bottom cowlings, installed stainless cam locks.... Installed a battery minder harness airframe interface kit P/N BM-AIK2 All work was performed IAW the installation instructions.... Reformed the aft headliner.... Removed and replaced the exterior rocket warning placards.

AKE: Cirrus
ODEL: SR22T
N: 1364
EG. NO: N325CD
ORK ORDER:
51-07-2016

ADVANCED Fly Advanced

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/30/2016
A/C TSN: 36.3
HOBBS: 45.7

Airframe Entries

Installed the battery minder airframe interface kit IAW the installation instructions.... C/W SB2X-79-04 Improved Installation of
Pressure Sensor.... Repaired the co-pilots lower interior trim.... Removed and replaced the top and bottom cowling
locks, installed stainless steel camlocks.... Removed and replaced the CAPS warning rocket placards on the fuselage....
Rigged the pilot and co-pilot doors latches.

Maintenance Release

The aircraft and/or component(s) on N325CD was repaired and inspected in accordance with the current rules and regulations
Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 8/30/2016

SIGNED:

Work Order: 4651-07-2016

Richard A. Barnhart II, IA: 3124994AP

Printed by EBis 3 (datcomedia.com)

Date: 2/22/2017; Aircraft: N112RN; Type: CIRRUS SR22T; S/N: 1369; Hobbs: 52.3; Total Time: 52.3
Hobbs Time 67.8, Flight Hobbs 52.3

*****Airframe Work*****

Replaced ECS Display Panel p/n 22101-001 with new. Replaced Cabin Coupler Assembly p/n 17433-005
with new. Cabin temperature and zone changing checks good.

Dan Stammen
A&P 2636878 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

DATE OF COMPLETION

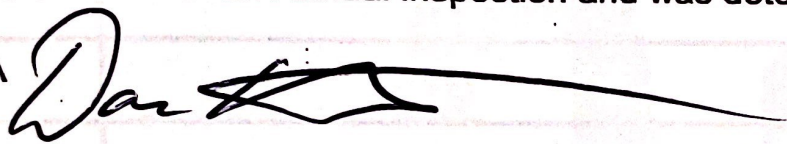
Date: 7/01/2017; Aircraft: N22B; Type: CIRRUS SR22T; S/N: 1369; Hobbs: 106.9; Total Time: 106.9; Engine - Type: TSIO-550-K, S/N: 1032310, Time: 106.9; Prop - Type: PHC-J3Y1F-1N, S/N: NJ1328B, Time: 106.9
Flight : 106.9 Hobbs : 128.9

Airframe Work

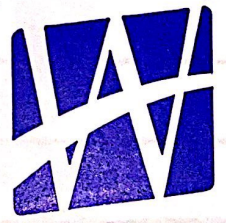
Completed an Annual inspection in accordance with FAR 43, Appendix D. Complied with Instructions for continued airworthiness Tanis heater, no defects noted. Inspected and weighed cabin fire extinguisher, no defects noted. Inspected and tested ELT in accordance with FAR 91.207(d), no defects noted. Next due 06/2018. ELT battery due 9/2022. Replaced Convenience System Controller p/n 36517-004 with new. Replaced upper cowl seal p/n 53722-063U with new. Changed registration number from N122RN to N22B.

Performed ground run, operational, and leak checks - no defects noted. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Dan Stammen
A&P 2636878 IA



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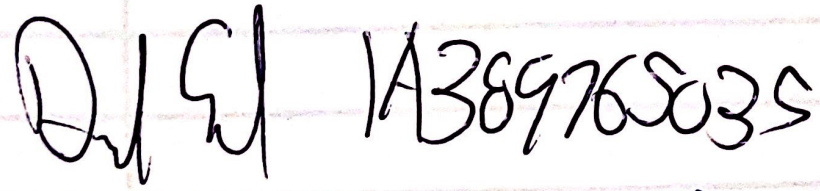
SERVICE

Date: 10/30/2017; Aircraft: N22B; Type: CIRRUS SR22T; S/N: 1369; Hobbs: 135.6; Total Time: 135.6

Airframe Work

Complied with SB2X-32-22 R1 (7-14-17) Nose Landing Gear Strut Assembly Inspection, no defects noted. Next due 158.6 flight hobbs. Complied with Cirrus Mandatory SB2X-32-23 (7-14-17) Nose Wheel Shimmy Reduction, no defects noted.

Doug Seibel
A&P389765035 IA



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al: 0.062 IN/S @ 2481.3 RPM

Jim Barker A&P 2755069

NOTE:
This Airframe Log Entry
is not in chronological sequence with
the entry on the top of the next page.

January 18, 2018

N22B	CIRRUS SR22T S/N 1369	Flight 156.2 Hrs	Hobbs 187.4 Hrs
Continental	TSIO 550K S/N 1032310	Flight 156.2 Hrs	Hobbs 187.4 Hrs
Hartzell	PHCJ3Y1F S/N NJ1328B	Flight 156.2 Hrs	Hobbs 187.4 Hrs

Accessed aircraft. Installed "Northern Lights" AeroLED recognition lights replacing factory Whelen units in each wing tip leading edge. Removed existing landing light and installed Lopresti 85 watt kit LSM-500-082-27 (Ballast S/N 58119, Lamp S/N 52871) IAW STC SA02279AT. See FAA 337 Form dated 1/18/18. Closed aircraft. (Refer to Job #22B2 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS **REPAIRED** IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

Hangar (715) 822 5787

Cell (715) 491 1303

Email jim@aviationvibes.com



AVIATION RESOURCES, LLC
101 Airport Ave, Hangar #7
Cumberland, WI 54829
www.aviationvibes.com

Date: 3/23/2018; Aircraft: N22B; Type: CIRRUS SR22T; S/N: 1369; Hobbs: 168.4; Total Time: 168.4

Airframe

Changed the aircraft registration number from N22B to N22P. Updated transponder aircraft registration number. Checked brake fluid and tire pressure. Complied with SB2X-32-22 R2 Nose Landing Gear Strut Assembly Inspection, no defects noted. Next due 253.7 hobbs. Serviced oxygen system to 1800 psi.

Randall Effinger
A&P 3439510 IA



Wisconsin Aviation - Madison
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608-268-5003



Wisconsin Aviation - Watertown
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920-261-4567

WISCONSIN AVIATION FOUR LAKES, INC.

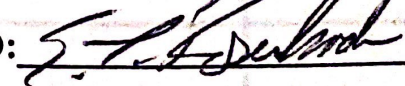
DESCRIPTION OF WORK DONE:

N22B

Changed aircraft N-number in the transponder from N22B to N22P in accordance with AMM 34-50. Ops check normal.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 3-22-2018 HOBBS: 168.4 WO#: AV18-15845 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

& CERTIFICATE NO.
ED/RETURNED TO SERVICE

DATE
COMPL



Sweet Aviation · 902 W. Ludwig Rd · Fort Wayne, IN 46825 · (260) 267-5505

N22P**Cirrus, SR22T, S/N: 1369****August 9, 2018**

Tach: 214.5

ACTT: 214.5

Hobbs: 263.3

ACTT: 263.3

1. Aircraft inspected IAW 14 CFR 43 Appendix D using SR22/SR22T Service Manual as a guide.
2. Gascolator inspected, cleaned, and reinstalled.
3. Battery serviced.
4. Replaced (2) 20920-001 "Screws must be installed for engine operation" placards with new.
5. R&R RH outboard static wick with new DG 16606.
6. C/W SB2X-53-06 Vertical Stabilizer skin inspection. No defects noted.
7. C/W SB2X-95-24R1 CAPS Rocket Shelf Ground Wire by installation of ground wire kit 70572-001.
8. C/W SB2X-79-07R1 by inspection and adjustment of oil return line around AC compressor.
9. C/W SB2X-32-22R2 by inspection of affected NLG areas for cracks. No defects noted, due again @ 264.5.
10. C/W SB2X-32-23R1 Nose gear shimmy reduction by checking nose gear pivot tension and adjusting nose tire pressure.
11. C/W SB2X-74-02 Ignition switch security by applying loctite to ignition switch collar threads.
12. C/W GSM 85A/86 servo clutch test, results are attached. Due again August 2020 or TTAF 3214.5 whichever comes first.
13. All ADs current through 08/10/2018. See AD compliance log for full listing.
14. 14 CFR 91.207(d), ELT inspection, c/w by visual inspection and operational test. Battery exp: SEPT 2022.

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

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 1621.

Russ Moriarity A&P IA 3804509

Premier Avionics, LLC

N: 22P

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8
TOL. ± FT.	20	20	20	20 70	25	30 70	30 70	35	70	40	60
ACTUAL FRICTION	1020	20	480	0	1475	1975	2475	3970	0	5970	9465
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SC	
TOL. ± FT.	120	130 100	140	155 120	180 140	205 160	230 180	255	280 250	28.10	28.50
ACTUAL FRICTION	17960	14420	21950	24945						1730	1340

DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

Premier Avionics, LLC

N: 22P ADC#2

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110	
ACTUAL	1020	20	480	480	1480	1980	2980	3915	5415	7910	9410	11910	13410	14910	16410	17910	
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)							
TOL. ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90	30.99
ACTUAL	1740	100	245	245	140	160	180	255	250	125	135	80	390	0	335	805	480
HYSTERESIS (TOL. ± 75 FT.)				50% MAX.	0	40% MAX.	+5	AFTER EFFECT (TOL. 30 FT.): +5				CASE LEAK: -6					

ALTIMETER MAKE Garmin
 MODEL GDC 74A
 S/N 20622617

BLIND ENCODER N/A
 MODEL N/A
 S/N N/A

TRANSPONDER NAME N/A
 MODEL N/A
 S/N N/A

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 25000 FT. TO COMPLY WITH FAR 91.411.
 CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
 CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

This aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number

Date: 8-9-2018 Tech. JJP W.O. 5350 Signed [Signature]

PREMIER AVIONICS, LLC. • CRS# 7PMR634B • PH: (260) 747-4810 • 4424 Altitude Drive • FORT WAYNE, INDIANA 46809

HYSTERESIS (VOLTS)

ALTIMETER MAKE <u>MidContinent</u>	BLIND ENCODER <u>N/A</u>	TRANSPONDER NAME <u>N/A</u>
MODEL <u>MD302</u>	MODEL <u>N/A</u>	MODEL <u>N/A</u>
S/N <u>D16-10896</u>	S/N <u>N/A</u>	S/N <u>N/A</u>

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 25000 FT. TO COMPLY WITH FAR 91.411.
 CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
 CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

This aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 8-9-2018 Tech. JJP W.O. 5350 Signed [Signature]

PREMIER AVIONICS, LLC • CRS# 7PMR634B • PH: (260) 747-4810 • 4424 Altitude Drive • FORT WAYNE, INDIANA 46809

Date: 3/27/2019; Aircraft: N22P; Type: CIRRUS SR22T; S/N: 1369; Hobbs: 289.1; Total Time: 289.1

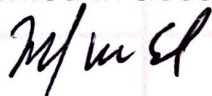
Flt: 289.1 Hobbs: 347.3.

Airframe

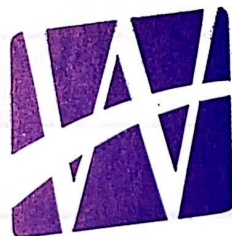
Completed service check, performed walk around inspection. Serviced tires, checked brake reservoir level and serviced oxygen system to 1800 psi. Leak check normal.

All work performed in accordance with approved/current technical data.

Martin McCauley
AP3654552IA



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

DATE O
COMPLET



Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

N22P

Tach: 300.7

Cirrus, SR22T, S/N: 1369

ACTT: 300.7

Hobbs: 359.9

April 11, 2019

ACTT: 359.9

Removed electric fuel boost pump 5217-00-3 S/N 7028 and installed repaired pump 5217-00-3 S/N 6355. Engine ran on ground, no defects noted.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 1977.

Russ Moriarity A&P IA 3804509

wo: 1977



Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

N22P

Tach: 302.5

Cirrus, SR22T, S/N: 1369

ACTT: 302.5

Hobbs: 362.5

April 12, 2019

ACTT: 362.5

1. Removed manifold pressure gauge sender 12-635-003 S/N D1116 reading 1 inch low of ambient with new sender 12-635-003 S/N H2916 reading 0.4 inches low of ambient. Engine ran on ground, *no defects noted.*
2. Reduced idle speed to 650 RPM, enriched idle mixture for a 30 RPM rise, reduced slope controller pressure for 36.5 MP in climb, and reduced metered fuel pressure for 40 GPH IAW Cirrus AMM 73-20 and using CAT M-0 as a guide.
3. Test flew aircraft. Full throttle, full mixture climb (boost pump OFF, however POH recommends ON) from 840-17,500 ft. yielded 36.4-36.6 MP & 40.0-40.2 GPH for the full duration of the climb. Boost pump on "Low" after leveling off for 20 mins as the fuel cooled down (POH recommends operating boost pump during takeoff, climb, and until 30 mins at cruise altitude) and then pump was turned off with no ill affects and the airplane performed normally.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 1977.

Russ Moriarity A&P IA 3804509

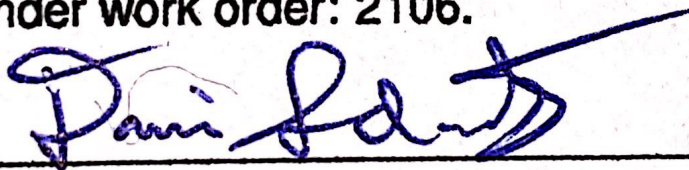
N22P
Tach: 338.2

Cirrus, SR22T, S/N: 1369
ACTT: 338.2 Hobbs: 403.2

July 11, 2019
ACTT: 403.2

1. Performed Cirrus Aircraft Structure Continuity Checks, Rev11, Sept1, 2015.
2. Removed electric boost pump P/N 5217-00-3 S/N 6335 and installed new pump P/N 5217-00-9 S/N 9665. Installed (1) 11839-002 - Electric Fuel Boost Pump, Installed (2) MS29512-08 - Oring Nitrile .644 ID X .087 W.
3. Performed fuel set up IAW Cirrus AMM 73-20.
4. Installed temporary bonding tape on cowling lip to properly bond camlocs.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2106.



Darrin Schwartz A&P IA 3619852



Sweet Aviation - 902 W. Ludwig Rd - Fort Wayne, IN 46825 - (260) 267-5505

N22P

Tach: 346.0

Cirrus, SR22T, S/N: 1369

ACTT: 346.0

Hobbs: 412.5

September 5, 2019

ACTT: 412.5

1. Aircraft inspected IAW 14 CFR 43 Appendix D using Cirrus Service Manual as a guide.
2. Gascolator inspected, cleaned and reinstalled.
3. Battery serviced.
4. 14 CFR 91.207(d), ELT inspection, c/w by visual inspection and operational test. Battery exp: 09/2022.
5. All ADs current through Biweekly 2019-17. See AD compliance log dated 08/28/2019 for full listing.
6. Performed nose wheel fork inspection. Installed (1) 50545-001 - Thrust Washer,
7. R&R both main gear tires with new. Installed (2) 025-501-0 - Michelin Pilot Tire (Cirrus), Installed (2) J-JTR-007N - O'ring.
8. Complied with SB2X-34-29 Pitot and TKS Line Routing Inspection. No defects found.
9. R&R engine drain manifold with new. Installed (1) 26939-004 - Weldment Manifold Drain Fuel.
10. Removed right aileron and aileron actuation arm. Re-secured aileron actuation arm bearings with bearing shaft retainer. Re-installed right aileron and saftied bolts.
11. Removed camlocs on the aft side of the top cowling. Sanded camlock installation areas down to EMM for better bonding. Installed copper tape over camloc installation areas to ensure proper bond between camlocs.
12. R&R both main gear brake pads with new Installed (2) 31392-105 - Brake Pads (pair).

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and found to be in an airworthy condition. With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sweet Aviation under work order: 2193.

Darrin Schwartz A&P IA 3619852

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

Production Flight Test accomplished in accordance with
Cirrus Procedure #90504.

Name: Justin Krom

Date 16 JUN 2016

Signature: 

Title: Production Flight Test Pilot