

N628TL #2

CLOSED

AIRCRAFT LOG

AF5-1

AIRCRAFT SPRUCE & SPECIALTY CO

PO: 412553 LOT: 10-16357



P/N: 13-32385

LOC: 05GE

153830217

AERO PROD AF5-1 A/C LOG GRN +















**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
--------------------	--------------------------	---	---

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

30 April 2013 Flight Hobbs: 404.9 Hobbs Meter: 543.6

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque.

Complied with Cirrus SB 2X-28-11 R1 (Fuel Lines) by installing new fuel lines, P/N:17313-002, in TKS reservoirs as outlined in Service Bulletin. Fuel system and TKS reservoir leak checks satisfactory.

Complied with Cirrus SB 2X-32-19 R3 (Nose Gear Inspection) by visually inspecting nose landing gear assembly as outlined in Service Bulletin, no cracks found. Next inspection due at Flight Hobbs: 505.9.

Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*L. John Wells*

L. John Wells A&P 3221132 w/o 33070

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 441.4

19 July 2013 Flight Hobbs: 441.4 Hobbs Meter: 592.1

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*Nathaniel Alan Beuthel*

Nathaniel Alan Beuthel A&P 3659835 w/o 33356

**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
--------------------	--------------------------	---	---

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 480.2

7 October 2013 Flight Hobbs: 480.2 Hobbs Meter: 642.0

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*Dave A. Danner*

Dave A. Danner A&P 2828262 w/o 33656

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry

24 October 2013 Flight Hobbs: 492.5 Hobbs Meter: 655.9

Complied with Cirrus SB 2X-28-11 R2 (Fuel Line Replacement) by removing existing fuel return line and installing new fuel return line as outlined in Service Bulletin. Checked new fuel line installation for system leakage, no defects noted and no further action required.

*Jason Daniel Schaaf*

Jason Daniel Schaaf A&P 3551738 w/o 32861

**MAINTENANCE RECORD  
F.A.R. 43.9**

**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
--------------------	--------------------------	---	---

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
--------------------	--------------------------	---	---

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 506.3  
6 December 2013 Flight Hobbs: 506.3 Hobbs Meter: 676.5  
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*[Signature]* Alberto Pizzato A&P 2522916 w/o 33861

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
17 January 2014 Flight Hobbs: 694.9 Hobbs Meter: 519.7  
Removed and replaced #2 batteries (P/N: 50979-001).  
*[Signature]* Dave A. Danner A&P 2828262 w/o 33982

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 541.5  
1 March 2014 Flight Hobbs: 541.5 Hobbs Meter: 720.7  
100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N628TL-2-21-14-1, dated 02-21-2014 on file. **ELT battery due December 2015.** Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated no defects. Performed Cirrus 22-00 Autoflight GSM86 24 Month Clutch Torque check, all three servos were with-in limits. **Next inspection due March 2016 or Flight Hobbs 1741.5.** Inspected and synchronized pilot's cabin door latches. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Sumped all fuel tank drain valves. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged #1) aircraft battery. Inspected nose gear oleo strut for specified extension height. Installed new left and right main wheel tires P/N: 156E66-4, S/N: 32597641 and S/N: 32627565 using new tubes P/N: 097-500-0. Torqued wheel half assembly hardware, serviced tires to specified pressure, and balanced wheel assemblies. Performed **500 Hour Brake Caliper Resealing** by cleaning, inspecting and resealing left and right main wheel brake calipers. Installed new brake temperature placard "stickers", bled brake system, and serviced reservoir. Installed new left and right main wheel brake linings P/N: 066-06200, brake operational check good. Serviced brake reservoir. Installed new Bracket induction air filter element P/N: BA24. **Next induction air filter element replacement due March 2015 or Hobbs Time: 741.5.** Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked oxygen cylinder service pressure. Inspected TKS surface panels and system components for condition and security.  
(Page 1) (Continued)

**MAINTENANCE RECORD  
F.A.R. 43.9**

**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
--------------------	--------------------------	---	---

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
--------------------	--------------------------	---	---

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 541.5  
1 March 2014 Flight Hobbs: 541.5 Hobbs Meter: 720.7  
(Continued) (Page 2)

Performed FIKI low pressure switch functional check, fluid level functional check and fluid flow transducer check, no defects noted. Checked TKS reservoirs service levels. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, no defects noted, bottle weight 508.4 grams. Inspected and wiped down engine cowling. Dressed-out lower left cowling affected area and repaired using two layers of 7781 fiberglass. Complied with Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion per Service Advisory and applying Corrosion Inhibitor, no corrosion noted. Next MCU corrosion inspection due March 2015 or Flight Hobbs: 641.5. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate) by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. Next upper gusset plate inspection due Flight Hobbs: 641.5. AD's checked through Biweekly 2014-04. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.

**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**  
*Scott S. Fisher* Scott S. Fisher A&P 3290363 IA w/o 34090

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry  
7 March 2014 Flight Hobbs: 542.2 Hobbs Meter: 723.0  
Removed alternator (P/N: ES10024, S/N: H-N110058). Replaced brushes on owner's alternator removed during annual (P/N: ES10024, S/N: JO91293) and reinstalled with new gasket. Operational check satisfactory  
*L. John Wells* L. John Wells A&P 3221132 w/o 34131

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 588.0  
6 June 2014 Flight Hobbs: 588.0 Hobbs Meter: 783.3  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Cleaned fuel flow sensor connector with alcohol. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*Dave A. Danner* Dave A. Danner A&P 2828262 w/o 34431

**MAINTENANCE RECORD  
F.A.R. 43.9**

DATE OF COM	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
-------------	---------------	-------------------------------	--

ARAPAHOE AERO			
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N628TL	Cirrus	SR22	S/N: SR22-3595      Airframe Total Time: 619.3
18 August 2014	Flight Hobbs: 619.3	Hobbs Meter: 823.8	
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. <b>Complied with Cirrus SB 2X-23-03 (Static Wick Installation)</b> by installation of static wick kit (P/N: 70504-001) and electrical bonding kit (P/N: 70506-001) per service bulletin instructions. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.			
<i>[Signature]</i>			Jeremy D. Trussell A&P 610051913      w/o 34574

ARAPAHOE AERO			
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N628TL	Cirrus	SR22	S/N: 3595      Airframe Log Entry
18 September 2014	Flight Hobbs: 632.7	Hobbs Meter: 841.8	
Installed serviceable left TKS dial. Operational and leak check satisfactory.			
<i>[Signature]</i>			Simon Rubino A&P 2670700      w/o 34826

**MAINTENANCE RECORD  
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
--------------------	---------------	--	--

ARAPAHOE AERO			
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N628TL	Cirrus	SR22	S/N: SR22-3595      Airframe Total Time: 619.3
25 November 2014	Flight Hobbs: 641.7	Hobbs Meter: 857.5	
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security and condition of primary aircraft battery. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Checked TKS reservoir service level. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.			
<i>[Signature]</i>			Randy Johnson A&P 3123186      w/o 35055



**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
--------------------	--------------------------	---	---

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 686.3**

**14 May 2015 Flight Hobbs: 686.3 Hobbs Meter: 921.4**  
**Completed 50 Hour Servicing** this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security and condition of primary aircraft battery. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Checked TKS reservoir service level. Post inspection ground run-up and systems operational check satisfactory. Resecured right wing aft navigation light lens. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*L. John Wells* L. John Wells A&P 3221132 w/o 35596

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 686.3**

**14 May 2015 Flight Hobbs: 686.3 Hobbs Meter: 921.4**  
**Complied with Cirrus SB 2X-23-03 R1 (Empennage Static Wicks)** by installing static wick kit (P/N: 70509-001) as required.

*Randy Johnson* Randy Johnson A&P 3123186 w/o 35477

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry**

**1 September 2015 Flight Hobbs: 0707.4 Hobbs Meter: 0951.4**  
**Installed new lower cowling forward close out seal** (P/N: 20660-004) using original hardware.

*L. John Wells* L. John Wells A&P 3221132 w/o 35921

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

AIRCRAFT TIME	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
---------------	--

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 720.7**

**15 October 2015 Flight Hobbs: 720.7 Hobbs Meter: 968.9**  
**Completed 50 Hour Servicing** this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Installed new primary battery, P/N: RG24-15M, S/N: 40765252. Installed new #2 batteries (P/N: 50979-001). **Next due at October 2017 or Flight Hobbs: 1220.7, whichever occurs first.** Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*Randy J. Knox, Jr.* Randy J. Knox, Jr. A&P 3227973 w/o 36111

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry**

**05 January 2016 Flight Hobbs: 0749.0 Hobbs Meter: 1006.0**  
**Completed 50 Hour Servicing** this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*L. John Wells* L. John Wells A&P3221132 w/o 36337

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

DATE

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 753.3

22 March 2016 Flight Hobbs: 753.3 Hobbs Meter: 1013.9

**100 Hour/Annual Inspection** completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N628TL-3-10-2016-B-1, dated 03-10-2016 on file. Installed new ELT battery P/N: 455-0012. **Next ELT battery replacement due April 2023.** Replace ELT remote switch battery, P/N: PX28LB. **Next ELT remote switch battery replacement due March 2021.** Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated no defects. Performed AmSafe post seat installation check, no defects noted. Inspected pilot's and co-pilot's cabin doors and hinges. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Performed 12 month primary battery capacity check, no defects noted. Inspected #2 batteries for condition and security, static voltage 24.0 volts. Inspected nose gear strut for condition and security. Adjusted main strut saddle clamp clearances as needed. Serviced tires to specified pressure and balanced wheel assemblies. Inspected main wheel brake disks, calipers and linings. Installed new left and right brake linings, P/N: 066-06200. Conditioned brakes per Cleveland service instructions. Serviced reservoir, brake operational check good. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due March 2017 or Hobbs Time: 953.3.** Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Serviced oxygen cylinder and check for system leakage, no defects noted. TKS surface panels and system components for condition and security. Performed FIKI low pressure switch functional check, fluid level functional check and fluid flow transducer check, no defects noted. Checked TKS reservoirs service levels. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Bottle weight 505.4 grams.

(Continued)

(Page 1 of 2)

**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

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 753.3

22 March 2016 Flight Hobbs: 753.3 Hobbs Meter: 1013.9

(Page 2 of 2)

Inspected and wiped down engine cowling. Performed **Garmin GSM86 (Servo Clutch Test)** by performing on-ship tests. All readings found to be within limits. No further action is required. **Next test due March 2018.** Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due March 2017 or Flight Hobbs: 853.** Complied with **Cirrus SB 2X-28-12 R1 (Electric Fuel Pump Inspection)** by visual inspection and leak check of electric fuel pump, no defects or leakage noted. Printed and inserted TPOH change 15-25 into POH. Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate)** by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 853.3.** AD's checked through Biweekly 2016-06. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

*L. John Wells*

L. John Wells A&P 3221132 IA w/o 36544

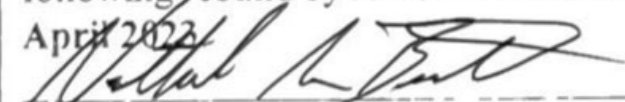
**INSPECTION RECORD  
F.A.R. 43.11-91.409**

DATE

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry

27 May 2016 Flight Hobbs: 760.8 Hobbs Meter: 1027.8  
Installed rebuilt electromechanical actuator (EMA) controller P/N: 508358-421, S/N: RA11APR16-2 following rebuild by AmSafe Aviation, CRO No. 108665, S/O# 108665-1, dated 04-11-2016. Next Due April 2022

 Nathaniel Alan Beuthel A&P 3659835 w/o 36782

**ARAPAHOE AERO**

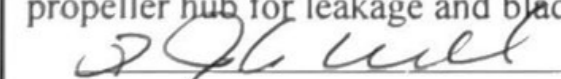
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

12 August 2016 Flight Hobbs: 0783.2 Hobbs Meter: 1059.6  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Hartzell PHC-J3Y1F-1N/N7605B S/N: NJ147B Propeller Log Entry

12 August 2016 Flight Hobbs: 0783.2 Hobbs Meter: 1059.6  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Inspected propeller hub for leakage and blade leading edges for stone nicks.

 L. John Wells A&P3221132 w/o 37069

**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

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

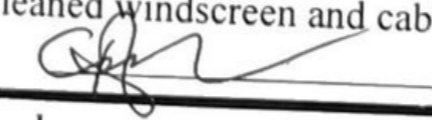
03 November 2016 Flight Hobbs: 0821.9 Hobbs Meter: 1109.0  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

 Jason Daniel Schaaf A&P 3551738 w/o 37387

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

07 March 2017 Flight Hobbs: 0848.9 Hobbs Meter: 1145.2  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

 Cody R. Robinson A&P 3159980 w/o 37768



**INSPECTION RECORD  
F.A.R. 43.11-91.409**

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

DATE

TIME  
VICE

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

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0851.4

06 April 2017 Flight Hobbs: 0851.4 Hobbs Meter: 1149.8

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N628TL-3-30-2017- 1, dated 03-30-2017 on file. **ELT battery replacement due April 2023. ELT remote switch battery replacement due March 2021.** Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated no defects. Performed AmSafe post seat installation check, no defects noted. Inspected pilot's and co-pilot's cabin doors and hinges. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Performed 12 month primary battery capacity check, no defects noted. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next replacement of #2 aircraft batteries April 2019 or Flight Hobbs Time: 1351.4.** Inspected nose gear strut for condition and security. Installed new left and right main tires, P/N: 156E66-4, S/N: 62362019, 62992101 and tubes P/N: 097-500-0. Balanced wheel assemblies as needed. Installed new left and right brake disc P/N: 164-02504. Cleaned and inspected left and right main wheel brake caliper. Installed new left and right brake linings P/N: 066-06200. Reinstalled assemblies on aircraft. Conditioned brakes per Cleveland service instructions. Removed EMA controller S/N: RA11April16-2 and installed unit P/N: 508358-421, S/N: RA27Jan17-26, rebuilt by AMSAFE, Inc, Cert. No. PQ1967NM, W/O# 12485-1, dated 01-30-2017. **Next EMA controller replacement due January 2024.** Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due April 2018 or Flight Hobbs Time: 1051.4.**

(Continued)

(Page 1 of 2)

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0851.4

06 April 2017 Flight Hobbs: 0851.4 Hobbs Meter: 1149.8

(Page 2 of 2)

Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Serviced oxygen cylinder and check for system leakage, no defects noted. Installed new TKS system filter P/N: 908-1 and cleaned and reinstalled TKS in line finger screen with new o-rings. **Next TKS filter replacement due April 2019 or Flight Hobbs Time: 2051.4.** Checked TKS reservoir service levels. Performed FIKI low pressure switch functional check, fluid level functional check and fluid flow transducer check, no defects noted. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Bottle weight 502.2 grams. Cleaned affected areas and applied aluminum tape on bottom cowl. Cleaned affected area of right flap and applied anti-chafe tape to prevent further chafing on wing well. Adjusted aileron bridle cable tension and torqued bolts on cable blocks. Adjusted rudder bridle cable tension and torqued nuts on cable blocks. Inspected and wiped down engine cowling. Inserted POH Revision Garmin Terrain Awareness, P/N: 13772-136 R2, into POH. Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due April 2018.** Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate)** by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 0951.4.** Complied with **Cirrus SB 2X-52-08 R2 (Cabin Door Strut Diverters / Rod Ends)** by installation of rod ends and diverters as included in kit P/N: 70544-001. AD's checked through Biweekly 2017-07. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

Randy C. Johnson A&P 3123186 IA

w/o 37848

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0855.7

16 May 2017 Flight Hobbs: 0855.7 Hobbs Meter: 1157.8

Removed cabin door struts and replaced with two new struts P/N: 18200-004. Operations check good.

Randy J. Knox Jr. A&P 3227973 w/o 37998

**ARAPAHOE AERO AVIONICS**

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N628TL Cirrus SR-22 sn: 3595

June 21, 2017

Hobbs: 1164.8

Removed GDU 1240A 011-01440-30 sn: 14Y000694. Installed Overhauled Exchange GDU 1240A 011-01440-30 sn: 14Y005632. See 8130-3 issued by Garmin International Inc. on their WO # 10793836 dated 19 May 2017.

Upgraded Operating System Software to Version 0764.35 per Cirrus Service Bulletin SB2X-42-12. Cirrus SR-22 3400# Base Software, Dual AHRS/Single ADC, MS Oil Temp Sensor, in-Console Fuel Quantity Indicators, GFC700 w YAW, ESP-No Low Speed Option, GTX-33, Avidyne TAS, GDL-69A GMA 347, CO Guardian, Oxygen, FIKI Analog Option, Marker Beacon Threshold High 1/ Low 3 Unlocks: Charts, TAWS, SVS, ESP.

The aircraft and/or component identified above have been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-03872

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

**ARAPAHOE AERO AVIONICS**

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N628TL Cirrus SR-22 sn: 3595

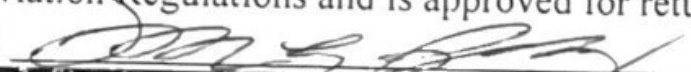
July 24, 2017

Hobbs: 1176.1

GDU 1240A 011-01440-30 sn: 14Y005632. RMA # WX 96925562

Removed GDU 1240A 011-01440-30 sn: 14Y005632. Installed Overhauled Warranty Exchange GDU 1240A 011-01440-30 sn: 14Y000555. See 8130-3 issued by Garmin International Inc. on their WO # 10039816 dated 19 April 2017. Configured system software per Cirrus Line Maintenance Manual 190-00920-00 Rev J Section 5.4.1.

The aircraft and/or component identified above have been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-03893

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

29 July 2017 Flight Hobbs: 0876.9

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

L. John Wells A&P 3221132 w/o 38213

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

12 January 2018 Flight Hobbs: 902.5 Hobbs: 1228.2

Installed new relay for #2 batteries P/N: 50962-002. Operational check satisfactory.

*Jason Daniel Schaaf*  
Jason Daniel Schaaf A&P 3551738 w/o 38662

**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

23 March 2018 Flight Hobbs: 0912.4 Hobbs: 1246.2

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

*Jason Daniel Schaaf*  
Jason Daniel Schaaf A&P 3551738 w/o 38880

**ARAPAHOE AERO AVIONICS**

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N628TL Cirrus SR-22 sn: 3595

April 27, 2018

Hobbs: 1274.7

United Instrument Altimeter 5934AD-3 sn: 478047 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO# 10971 dated April 26, 2018. See their 8130-3 issued this date. Garmin GDC-74A 011-00882-10 sn: 20607603 Altimeter has been tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-04060 dated April 27, 2018. See our 8130-3 issued this date. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above have been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: *Jason Daniel Schaaf* AV-04060

**ARAPAHOE AERO AVIONICS**

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N628TL Cirrus SR-22 sn: 3595

April 27, 2018

Hobbs: 1274.7

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: April 27, 2018 on Garmin GTX-33 sn: 89109380 and found to comply with FAR Part 43 Appendix F. Details of this test and inspection are on file at this Repair Station on our Work Order No. AV-04060.

The aircraft and/or component identified above have been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed: *Jason Daniel Schaaf* AV-04060


### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0936.7

28 April 2018 Flight Hobbs: 0936.7 Hobbs Meter: 1274.7

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N628TL-04-27-18-1, dated 04/28/2018 on file. **ELT battery replacement due April 2023. ELT remote switch battery replacement due March 2021.** Performed AmSafe seat installation check, no defects noted. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose gear strut for condition and security. Installed new left brake caliper shim, P/N: 068-01100. Lubricated throttle and mixture control cable. Installed new pilot door lower latch spring. 308: Cleaned and primed affected area and secured one main fairing support on left main strut using new double-sided tape. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due April 2019 or Flight Hobbs Time: 1136.7.** Complied with Garmin GSM 86 Servo Clutch Torque Check, all reading found to be within normal limits. **Next check due April 2020.** Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked TKS reservoir service levels. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Bottle weight 501.6 grams. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due April 2019.** Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate) by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1036.7.** Complied with Cirrus SB 2X-74-02 (Ignition Switch) by applying Loctite 222 to ignition switch finishing collar. AD's checked through Biweekly 2018-08. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

  
L. John Wells A&P 3221132 IA w/o 39871

### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

03 August 2018 Flight Hobbs: 0976.5 Hobbs: 1326.7

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Serviced TKS reservoir. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.

  
Aaron Peter Villery A&P 3224687 w/o 39305

### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

08 February 2019 Flight Hobbs: 1012.0 Hobbs Meter: 1380.5

Installed new left and right brake linings, P/N: 066-06200. Installed new right brake caliper shim, P/N: 068-01100. Conditioned brakes per Cleveland service instructions. Serviced brake reservoir. Operational and leak check satisfactory.

  
Randy J. Knox Jr. A&P 3227973 w/o 39837

### ARAPAHOE AERO AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

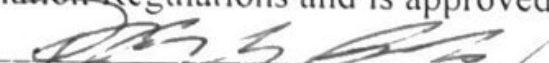
N628TL Cirrus SR-22 sn: 3595

February 6, 2019

Hobbs: 1380.5

Upgraded Operating System Software to Version 0764.36 per Cirrus Service Bulletin SB2X-42-15R2. Cirrus SR-22 3400# Base Software, Dual AHRS/Single ADC, MS Oil Temp Sensor, In-Console Fuel Quantity Indicators, GFC700 w YAW, ESP-No Low Speed Option, GTX-33, Avidyne TAS, GDL-69A GMA 347, CO Guardian, Oxygen, FIKI Analog Option, Marker Beacon Threshold High 1/ Low 3 Unlocks: Charts, TAWS, SVS, ESP.

The aircraft and/or component identified above have been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-04222



### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 3595 Airframe Total Time: 1026.4

01 May 2019 Flight Hobbs: 1026.4 Hobbs Meter: 1400.8

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Inspected / Tested Artex ME406 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N628TL-4-10-19-1, dated 04/10/2019 on file. **ELT battery replacement due April 2023. ELT remote switch battery replacement due March 2021.** Performed AmSafe seat installation check, no defects noted. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose gear strut for condition and security. Installed (2) new #2 batteries P/N: 50979-001. **Next #2 battery replacement due May 2021 or Flight Hobbs: 1526.4.** Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due May 2020 or Flight Hobbs Time: 1226.4.** Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked TKS reservoir service levels. Sealed left and right TKS vents. Installed helicoil on left wheel pant mount. Installed rudder rod end P/N: 11315-004. Repaired broken bonding wire on left wing tip static wick by installing new ring terminal on static end of wire. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Bottle weight 498.3 grams. Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due May 2020.** Complied with **Cirrus SA 18-06 / AmSafe SB501583-25-01 (Loose Fasteners)** by inspection of inertia reel fasteners and applying torque seal to fasteners. No defect noted. Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate)** by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1126.4.** AD's checked through Biweekly 2019-08. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**

*Randy C. Johnson*  
Randy C. Johnson A&P 3123186 IA w/o 40048

### INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION

### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD; ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 3595 Airframe Log Entry

06 July 2019 Flight Hobbs: 1048.4 Hobbs Meter: 1430.3

Complied with **Cirrus SB 2X-95-19 R2 (CAPS Rocket Replacement)** by removal of rocket motor assembly, P/N: 21814-001, S/N: 4668, and parachute assembly P/N: 20331-001/D, S/N: 3950. Modified parachute enclosure as needed for installation of new rocket assembly. Installed rebuilt parachute assembly P/N: 25574-004, S/N: 0355R1, rebuilt by Cirrus Design CSO #YD5R855Y, reference 8130-3 Work Order 937874, dated 15 November 2018. **Next CAPS parachute re-pack due 15 November 2028.** Removed reefing line cutters P/N: 26707-001, S/N: 7862 & 7894 and installed on new parachute assembly. **Reefing Line Cutters expire February 2021.** Assembled new rocket motor and igniter components in accordance with Cirrus CAPS CMM. Rocket assembled using new electric igniter components as included in Cirrus Kit P/N: 70268-002. Installed new frangible link assembly, P/N: 29705-002. Installed new rocket motor assembly, P/N: 29500-403, S/N: 3622. **New Rocket Motor Assembly Expiration Date 30 May 2029.** Disassembled MCU as needed to gain access to Clock Power Fuse. Installed new fuse assembly and installed new fuse holder spade connectors. Completed wiring modifications at P/J100 and P183 connectors as needed. Installed CAPS igniter harness assembly and secured routing as needed. Performed all CAPS electrical Resistance, Voltage and Diode checks. All readings found to be within Manufacturers Published Limits. Weight and Balance calculated using data as provided in Service Bulletin and incorporated into POH. Complied with **Cirrus SB 2X-95-24 R1 (CAPS Grounding Wire)** by installation of new grounding wire kit P/N: 70572-001. Ground run operational check of aircraft systems satisfactory.

*Nathaniel Alan Beuthel*  
Nathaniel Alan Beuthel A&P 3659835 w/o 40215

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

**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

DATE

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry  
14 August 2019 Flight Hobbs: 1054.4 Hobbs Meter: 1441.3  
Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers". Balanced right main tire and reinstalled.  
*Jason Daniel Schaaf* Jason Daniel Schaaf A&P 3551738 w/o 40461

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 3595 Airframe Log Entry  
04 October 2019 Flight Hobbs: 1078.9 Hobbs Meter: 1474.1  
Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers".  
*Jason Daniel Schaaf* Jason Daniel Schaaf A&P 3551738 w/o 40626

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry  
05 September 2019 Flight Hobbs: 1058.6 Hobbs: 1448.9  
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Checked TKS reservoir level. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*Randy J. Knox Jr.* Randy J. Knox Jr. A&P 3227973 w/o 40516

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 3595 Airframe Log Entry  
6 November 2019 Flight Hobbs: 1082.6 Hobbs Meter: 1480.5  
Removed Concorde RG24-15M battery S/N: 40765252 and installed new Concorde RG24-15M battery S/N: 41053450.  
*Michael J. Nigro* Michael J. Nigro A&P 3443131 w/o 40675

**INSPECTION RECORD  
F.A.R. 43.11-91.409**

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

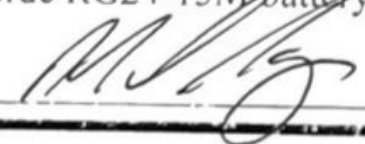
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: 3595 Airframe Log Entry

6 November 2019 Flight Hobbs: 1082.6 Hobbs Meter: 1480.5

Removed Concorde RG24-15M battery S/N: 40765252 and installed new Concorde RG24-15M battery S/N: 41053450.



Michael J. Nigro A&P 3443131 w/o 40675

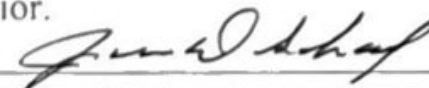
**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Log Entry

26 December 2019 Flight Hobbs: 1095.2 Hobbs: 1497.0

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected condition of nose wheel and main gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake disks, calipers and linings for condition and security. Checked main wheel fairing bolt torque. Checked TKS reservoir level. Removed fuel selector handle, cleaned pin drops and reinstalled with Loctite to the screws. Cleaned lower left cowl, primed and applied new heat tape. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.



Jason Daniel Schaaf A&P 3551738 w/o 40858

**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

**N628TL**

**LOG BOOK CLOSED**

**26 December 2019**

**CIRRUS SR22 S/N: 3595**