

N628TL #1

CLOSED

AIRCRAFT LOG

A15-1

N628TL



PPG Industries, Inc.  
COMMERCIAL COATINGS

PRIMER K36

PRIMER \_\_\_\_\_

COLOR FBC 92813

COLOR FBC 37121

COLOR \_\_\_\_\_

CLEAR F3905

# 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 SR-22 DATE OF MFG. Jan. 10  
SERIAL NUMBER 3595 REGISTRATION NUMBER N628TL

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    | TELEDYNE CONTINENTAL MOTORS | IO-550N      | R 1001217<br>L |
| ENGINE    |                             |              | R<br>L         |
| PROPELLER | HARTZELL PROPELLER INC.     | PHC-33YIF-IN | N1147B         |
| PROPELLER |                             |              |                |
| ENGINE    |                             |              |                |
| ENGINE    |                             |              |                |
| PROPELLER |                             |              |                |
| PROPELLER |                             |              |                |
| ENGINE    |                             |              |                |
| ENGINE    |                             |              |                |
| PROPELLER |                             |              |                |
| PROPELLER |                             |              |                |
| ENGINE    |                             |              |                |
| ENGINE    |                             |              |                |
| PROPELLER |                             |              |                |
| PROPELLER |                             |              |                |
|           |                             |              |                |
|           |                             |              |                |



# MAJOR ALTERATIONS

DESCRIPTION OF ALTERATION

DATE

# LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

| NAME OF PART | PART NUMBER | SERIAL NUMBER | INSTALLATION DATE/HOURS | TIME ON PART AT INSTALL | LIFE LIMIT OR T.B.O. | REMOVAL DATE/HOURS | AGENCY CERT. NO. |
|--------------|-------------|---------------|-------------------------|-------------------------|----------------------|--------------------|------------------|
|--------------|-------------|---------------|-------------------------|-------------------------|----------------------|--------------------|------------------|

## Life Limited Parts SR22

| PART NAME                       | PART NUMBER |                                      | EXPIRES         |
|---------------------------------|-------------|--------------------------------------|-----------------|
| CAPS Rocket Motor               | 21814-001   | S/N <u>4668</u>                      | <u>06/2019</u>  |
| CAPS Parachute                  | 20331-001   | S/N <u>3950</u>                      | <u>07/2019</u>  |
| CAPS Reefing Line Cutters       | 5212        | <u>105084003</u><br>LOT <u>-055</u>  | <u>08/2014</u>  |
| ELT Battery Pack                | 455-6608    | Date Installed<br><u>12/2009</u>     | <u>12/2015</u>  |
| EMA Controller, AAIR            | 20902-001   | <u>04 MAY 09-122</u><br>S/N _____    | <u>05/2016</u>  |
| CO Detector                     | 24660-002   | S/N <u>90681</u>                     | <u>12/2016</u>  |
| Pilot Seat Inflator Assembly    | 20902-002   | <u>AAST 118W</u><br>S/N <u>10100</u> | <u>4/1/2019</u> |
| Co-Pilot Seat Inflator Assembly | 20902-002   | <u>AAST 118W</u><br>S/N <u>10088</u> | <u>4/1/2019</u> |

OXYGEN BOTTLE ASSEMBLY

100N0020-4

MFG DATE:  
08/09

EXPIRATION:  
08/2024













**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 |
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**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
17 March 2010 Flight Hobbs: 39.7 Hobbs Meter: 51.4  
Adjusted stall warning horn switch potentiometer. Stall warning system ground operational check satisfactory.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29064

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
14 September 2010 Flight Hobbs: 93.3 Hobbs Meter: 124.6  
Removed standby air speed indicator (P/N: 13562-003, S/N: T5353S) and replaced with exchange air speed indicator (P/N: 13568-003, S/N: T54049). Checked pitot and static systems for leaks. No defects noted. Operational check satisfactory.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29740

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
7 April 2010 Flight Hobbs: 51.1 Hobbs Meter: 65.5  
Straightened pilot's entry door lower latch, checked latch synchronization and lubricated latches as needed, operational check satisfactory.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29131

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
17 September 2010 Flight Hobbs: 101.4 Hobbs Meter: 134.3  
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing bolt torque. Adjusted and lubricated right and left door latches. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29762

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
13 April 2010 Flight Hobbs: 59.3 Hobbs Meter: 75.1  
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing bolt torque. Serviced oxygen system and check for leakage, no defects noted. Serviced TKS reservoir. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29158

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
18 October 2010 Flight Hobbs: 123.7 Hobbs Meter: 161.9  
Leveled aircraft and adjusted stand-by attitude gyro to be level in panel. Applied mylar tape to tight areas on glareshield to prevent chafing and replaced one screw. Operational check satisfactory.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29883

**ARAPAHOE AERO**

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

N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 139.4

28 January 2011 Flight Hobbs: 139.4 Hobbs Meter: 187.7

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-1, on file. **ELT battery due**

**December 2015.** Inspected, cleaned, resealed, and leak checked fuel strainer. Charged #1 aircraft battery. Installed new nose gear strut bumper P/N: 18380-001. Performed nose gear fork lateral pull test, no defects noted.

Serviced nose gear tire to specified pressure and balanced wheel assembly. Installed new left and right main gear tires P/N: 156E66-4. Torqued wheel halve bolts, serviced tires to specified pressure and balanced wheel assemblies.

Cleaned affected areas and reinstalled main gear strut fairing supports using new Cirrus double-sided tape P/N: 50641-025U. Installed new Bracket induction air filter element P/N: BA24. **Next induction air filter element replacement due January 2012 or Hobbs Time: 339.4.**

Inspected oxygen system for component condition and security. Inspected TKS system for component condition and security. Complied with Am Safe post seat installation test, no defects noted. Serviced TKS reservoir. **Complied with Cirrus SA 06-06 (MCU Corrosion Inspection)** by inspecting unit for corrosion and application of MIL-C-81309 Type III corrosion inhibitor. No corrosion noted. **Complied with Cirrus SB 2X-27-09 R1 (Stall Warning Annunciator)** by installing new electrical wire into connector plug and performing wiring operational check, ground operational check and flight test as outlined in Service Bulletin, no further action required. **Complied with Cirrus SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate and Forward Weld Inspection)** by inspecting the nose landing gear assembly cross tube welds and upper gusset plates for cracks as outlined in Service Bulletin. Installed Cirrus nose gear reinforcement bolt Kit P/N: 70238-001 and tightened bolt to specified torque, no further forward cross tube weld inspection required. **Next upper gusset plate inspection due Flight Hobbs: 239.4.** AD's checked through Biweekly 2011-02. 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 30186, 30191

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

| NO. TO SERVICE | DESCRIPTION OF WORK PERFORMED   | AGENCY & CERTIFICATE NO. |
|----------------|---|--------------------------|
|                | <p align="center"><b>ARAPAHOE AERO</b></p> <p>12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386</p> <p align="center"><b>N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry</b></p> <p>1 April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8</p> <p>Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing axle screw torque. Serviced TKS reservoir. Cleaned windscreen and cabin windows and vacuumed seats and interior.</p> <p align="right"><i>L. John Wells</i> L. John Wells A&amp;P 3221132 w/o 30426</p> |                          |
|                | <p align="center"><b>ARAPAHOE AERO</b></p> <p>12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386</p> <p align="center"><b>N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry</b></p> <p>23 May 2011 Flight Hobbs: 162.5 Hobbs Meter: 219.9</p> <p>Installed new pitch control rod end (P/N: 11315-004) on left control yoke. Reassembled using original hardware and new safety.</p> <p align="right"><i>L. John Wells</i> L. John Wells A&amp;P 3221132 w/o 30567</p>  |                          |
|                | <p align="center"><b>ARAPAHOE AERO</b></p> <p>12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386</p> <p align="center"><b>N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry</b></p> <p>13 June 2011 Flight Hobbs: 164.4 Hobbs Meter: 223.8</p> <p>Wheel pants removed. Installed new Goodyear FC III tires (P/N: 156E66-4) on both mains. Balanced wheel and tire assemblies. Reinstalled wheel assemblies using original hardware and new safeties.</p> <p align="right"><i>L. John Wells</i> L. John Wells A&amp;P 3221132 w/o 30663</p>   |                          |

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

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

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

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: 22-3595 Airframe Log Entry  
20 October 2010 Flight Hobbs: 124.3 Hobbs Meter: 163.1  
Inspected nose wheel assembly and installed new nose wheel tire P/N: 505C66-5 and tube P/N: 092-308-0. Replaced main tire tubes with P/N: 097-500-0. Serviced all tires to specified pressure, and balance wheel assemblies. Cleaned and inspected axle and reinstalled wheel and brake caliper assemblies using original hardware and new safeties.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 29890

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
1 April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8  
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing axle screw torque. Serviced TKS reservoir. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 30426

**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  
15 March 2011 Flight Hobbs: 147.0 Hobbs Meter: 199.8  
Cleaned both connectors at the engine for the oil pressure indicator and applied Stabilant 22. Engine ground run and operational check satisfactory.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 30370

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
23 May 2011 Flight Hobbs: 162.5 Hobbs Meter: 219.9  
Installed new pitch control rod end (P/N: 11315-004) on left control yoke. Reassembled using original hardware and new safety.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 30567

**ARAPAHOE AERO**  
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
13 June 2011 Flight Hobbs: 164.4 Hobbs Meter: 223.8  
Wheel pants removed. Installed new Goodyear FC III tires (P/N: 156E66-4) on both mains. Balanced wheel and tire assemblies. Reinstalled wheel assemblies using original hardware and new safeties.  
*L. John Wells*  
L. John Wells A&P 3221132 w/o 30663

Piazza Robert D  
Stab

**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 |
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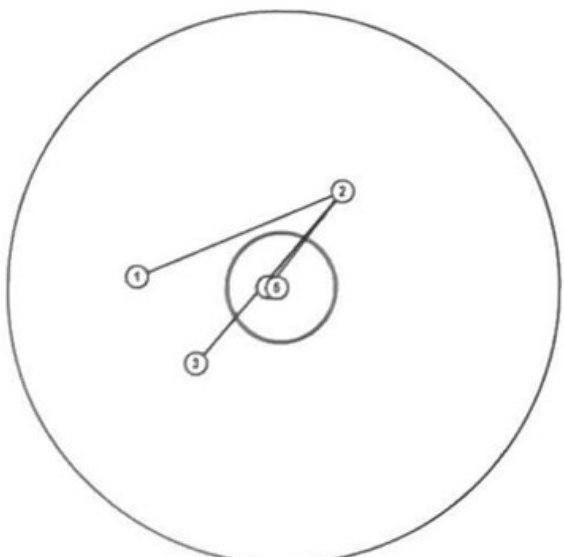
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**ARAPAHOE AERO**  
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry**  
 5 July 2011 Flight Hobbs: 186.4 Hobbs Meter: 248.6  
 Installed new AeroTect on left side of nose pant at tow pins.  
*L. John Wells* L. John Wells A&P 3221132 w/o 30752

**ARAPAHOE AERO**  
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 139.4**  
 9 August 2011 Flight Hobbs: 200.9 Hobbs Meter: 267.3  
 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. Checked main wheel fairing bolt torque. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*Greg Sickafouse* Greg Sickafouse A&P 3443687 w/o 30923

**ARAPAHOE AERO**  
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
**N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry**  
 9 November 2011 Flight Hobbs: 0222.7 Hobbs Meter: 0298.9  
 Installed new flap motor relays, P/N: 50288-001 and verified flap position settings and operation, no defects noted.  
*L. John Wells* L. John Wells A&P 3221132 w/o 31271

**ENG/PROP DYNAMICALLY BALANCED**  
 — POLAR PLOT - 1.0 IN/S FS —



**Operator Comments**  
 Adjusted magneto to engine timing from Left @ + 5 degrees and Right from +1.8 degrees to Both @ - 1 degree from nominal of 22 degrees BTDC. Cleaned ignition lead end springs and sealed numerous airleaks in baffle seals. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmut document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .527 @ 2548 rpm reduced to .016 IPS @ 2569 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar 715 822 5787 Cell: 715 491 1303 Email jim@aviationvibes.com www.aviationvibes.com

N628TL Cirrus SR22 G3 TN 3595 200.9 Hrs  
 Cont/Hart 1001217  
 Front  
 MicroVib II SN:1177 Cal:10/27/2010  
 Initial: 0.527 IN/S @ 2548.3 RPM Final: 0.016 IN/S @ 2569.5 RPM  
 Oper: \_\_\_\_\_  
 Date: 08/08/2011 *Jim Barker* Jim Barker A&P 2755069



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

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**ARAPAHOE AERO**

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

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 233.8

7 February 2012 Flight Hobbs: 233.8 Hobbs Meter: 318.2

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-22012 dated 02-01-2012 on file.

ELT battery due December 2015. Performed functional test of Aircraft Data Logger System, no defects noted. Performed TVS fuse inspection, no defects noted. Performed 24 Months/1200 hours: Cirrus 22-00 AUTOFLIGHT GSM86 servo clutch test, pitch, roll and yaw servos within allowable limits. Next clutch test of servo clutches due February 2014 or Flight Hobbs: 1433.2. Complied with Cirrus (SB) No. 2X-27-16 R1 (Flap Actuator Modification) by replacing actuator rod-end fitting on actuator shaft as provided in Kit No. P/N: 70255-00, readjusting flap proximity sensor and verifying flap settings and operation per Service Bulletin Instructions. Performed left and right fuel cap resistance check, no defects noted.

Inspected, cleaned, resealed, and leak checked fuel strainer. Charged #1 aircraft battery and performed 24 Month/1200 hour capacity check. Battery capacity check at 98%. Installed (2) new #2) aircraft batteries P/N: 50979-001. Next battery replacement due February 2014 of Flight Hobbs: 733.8. Complied with Cirrus (SB) No. SB 2X-32-19 R2 (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: 333.8. Performed nose gear fork lateral pull test, no defects noted. Serviced brake reservoir. Installed and conditioned new left and right main wheel brake caliper linings P/N: 066-06200. Cleaned affected areas and reinstalled main gear strut fairing supports using new Cirrus double-sided tape P/N: 50641-025U. Installed new Bracket induction air filter element P/N: BA24. Next induction air filter element replacement due February 2013 or Hobbs Time: 318.2. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA).

(Page 1) (Continued)

**ARAPAHOE AERO**

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

N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 233.8

7 February 2012 Flight Hobbs: 233.8 Hobbs Meter: 318.2

(Continued) (Page 2)

Installed (2) new TKS filters P/N: 26115-101, cleaned and reinstalled line filter and primed and leak checked system. Next replacement of TKS filters due February 2014 or Flight Hobbs: 1433.8.

Installed new right TKS dial P/N: 21992-201, and performed FIKI System fluid level sensor check, empty and full quantity indication checks and low pressure switch and flow transducer check, no defects noted.

Serviced TKS reservoirs. Complied with Am-Safe post seat installation test, no defects noted. 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. Inspected and weight checked cockpit fire extinguisher, no defects noted. Installed new cabin fresh air SKEET air duct hose insulation blanket P/N: 70194-001. AD's checked through Biweekly 2012-02. 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.

Greg Sickafoose A&P 3443687 IA w/o 31520, 31521

Greg Sickafoose A&P 3443687 IA w/o 31520, 31521

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

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**ARAPAHOE AERO**

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
 N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 278.9  
 2 June 2012 Flight Hobbs: 278.9 Hobbs Meter: 374.8  
 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. Installed new air filter. Post inspection ground run-up and systems operational check good. Cleaned windscreen and cabin windows and vacuumed seats and interior.  
*[Signature]* L. John Wells A&P 3221132 w/o 31971

**ARAPAHOE AERO** 431.5

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
 N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 320.8  
 26 September 2012 Flight Hobbs: 320.8 Hobbs Meter: 431.5  
 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]* Randy J. Knox Jr A&P 3227973 w/o 32416

**ARAPAHOE AERO AVIONICS**

12780 E Control Tower Road Englewood, CO 80112 303.799.6289  
 N628TL Cirrus SR-22 sn: 3595 December 3, 2012  
 Hobbs: 457.7  
 Upgraded **Garmin G-1000 Operating System Software to Version 0764.15** per Cirrus Service Bulletin No. SB 2X-42-08 R1 dated June 27, 2012. Cirrus SR-22 , Dual AHRS/Single ADC. GTX-33 , GFC700 with Yaw Damper, ESP Option, Avidyne TAS, GDL-69A, CO Guardian, Oxygen, FIKI Analog Option, MS Oil Temp Sensor, In-Console Fuel Quantity Indicators. GMA 347, Marker Beacon threshold High 1 / Low 3. Unlocks: CHARTS, TAWS, SVS, ESP  
 The aircraft and/or component identified above has 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: *[Signature]* AV-02785


**ARAPAHOE AERO**

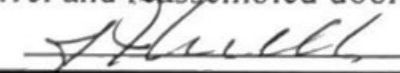
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
 2 January 2013 Flight Hobbs: 0342.1 Hobbs Meter: 0463.3  
 Inspected alternate air components. Removed upper scat hose, lubricated butterfly valve pivot bushings. Rotated lower hose clamp on scat hose on underside of valve. Operational check satisfactory.  
*[Signature]* Greg Sickafoose A&P 3443687 w/o 32711

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

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

| 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: 344.4  
 15 January 2013 Flight Hobbs: 344.4 Hobbs Meter: 467.2  
 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.  
 L. John Wells A&P 3221132 w/o 32749

**ARAPAHOE AERO**  
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  
 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  
 23 January 2013 Flight Hobbs: 364.8 Hobbs Meter: 409.6  
 Removed right cabin door interior panel and disassembled lock assembly. Cleaned and lubricated inner barrel and reassembled door, operational check satisfactory.  
 L. John Wells A&P 3221132 w/o 32786


| DATE | AIRCRAFT TIME IN SERVICE |
|------|--------------------------|
|------|--------------------------|

27 Dec 09 1.6 hr

| KIND OF INSPECTION-STATUS & DISCREPANCY LIST |
|--|
|--|

Production Flight Test accomplished in accordance with Cirrus Procedure #90502.  
 Name: Brett Schelde Date 27 Dec 09  
 Signature:   
 Title: Production Flight Test Pilot

27 JAN 10 1.6 hr

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated JAN 29 2010.  
 The next inspection is due JAN 31 2011.  
  
 Troy J. McDonald  
 DMIR-830296-CE

**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**

**23 January 2013**

**CIRRUS SR22 S/N: 3595**