

cylinders. AD's checked through Biweekly 2017-07. Post inspection engine ground run operational and leak checks good. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

[REDACTED]
Randy C. Johnson [REDACTED]

w/o 37773

ARAPAHOE AERO

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

N507TX Continental IO-550-N(27) S/N: 917766 Total Time: 1268.2

11 May 2018 Hobbs Meter: 1268.2

100 Hour inspection for Annual completed this date using the Cirrus SR22 Service Manual Inspection Form as a guide. Compression test: #1) 65/80, #2) 65/80, #3) 65/80, #4) 65/80, #5) 65/80, #6) 65/80. Changed engine oil and filter using (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Inspected ignition harness and leads for condition and security. Inspected fuel injection system for component condition and security. Leak checked fuel system. Inspected and pressure tested exhaust system. Added washers to tighten left exhaust ball joint tension and safetied hardware. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2018-09. Post inspection engine ground run operational and leak checks good. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

[REDACTED]
L. John Wells [REDACTED]

w/o 38991

ARAPAHOE AERO

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

N507TX

Cirrus

SR22

S/N: 22-1429

Airframe Total Time: 1268.2

11 May 2018

Hobbs Meter: 1268.2

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Service Manual Inspection Form as a guide. Tested ACK Technologies E-01 ELT per FAR 91.207(d), per using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N507TX-5-2-18-1, dated 05/02/2018, on file. **Remote ELT arming switch battery due March 2020 and ELT battery due December 2024.** Adjusted pilot's seat back break-over pins to fully engage in the fully reclined position, operational check satisfactory. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Removed #1 battery, P/N: G243, S/N: G02710501. Serviced and charged new Gill battery, S/N: G02998932. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next replacement of #2 aircraft batteries May 2020 or Hobbs Time: 1768.2.** Adjusted nose wheel fork side tension and safetied. Installed new right nose pant bracket P/N: 11799-004. Completed fabricated repair to nose pant cap. Reversed right main wheel tire, installed new tube P/N: 097-500-0 and balanced assembly. Reinstalled on aircraft. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease. Cleaned, inspected, resealed, and reinstalled left and right main wheel brake caliper. Installed new brake caliper temperature placard "stickers" and new right brake linings P/N: 066-10500. Conditioned brakes per Cleveland service instructions. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Touched up paint chip mid-span upper surface of left wing. Installed new Brackett induction air filter element P/N: BA24. **Next filter replacement due May 2019 or Hobbs Time: 1468.2.** Inspected TKS flight surface de-ice panels and components for condition and security. Completed CAPS Electrical System check as needed. All voltage, resistance and diode checks, readings are found to be within limits. Complied with **Cirrus SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying corrosion inhibitor, no corrosion noted. **Next MCU corrosion inspection due May 2019.** Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear upper gusset plates for cracks as outlined in Service Bulletin. **Next upper gusset plate inspection due Hobbs Time: 1368.2.**

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N507TX

Cirrus

SR22

S/N: 22-1429

Airframe Total Time: 1268.2

11 May 2018

Hobbs Meter: 1268.2

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DA

Complied with Cirrus SB 2X-95-24 R1 (CAPS Grounding Wire) by installation of new grounding wire kit P/N: 70572-001. AD's checked through Biweekly 2018-09. Post inspection ground run-up and 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

w/o 38991

[illegible]

4. Organization Name and Address:
FAA/UNITED STATES
CENTENNIAL INSTRUMENTS
1. Approving National
Aviation Authority Country:
2. AUTHOI
FAA I

YEAR:	RECORDING DATE	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
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ARAPAHOE AERO AVIONICS
12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289
N507TX Cirrus SR-22 sn: 1429
Hobbs: 948.1
September 27, 2013
United Instruments Altimeter 5934D-3 sn: 445831 has been repaired, tested and inspected per FAR 91.411 Part 43 Appendix E to 20K' by Centennial Instruments Inc. on their WO # 9278 dated September 19, 2013. See their 8130-3 issued this date. Avidyne PFD Altimeter failed the FAR 91.411 test. Reinstalled and aircraft is limited to VFR Flight until such time as the PFD is repaired or replaced. ACK A-30 Encoder sn: 94691 was calibrated per FAR 91.217. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above was inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.
Signed: [Redacted]

ARAPAHOE AERO AVIONICS
12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289
N507TX Cirrus SR-22 sn: 1429
Hobbs: 948.1
September 27, 2013
The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: September 27, 2013 on Garmin GTX-327 sn: 83719814 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 WO # AV-03002. The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.
Signed: [Redacted]

N507T
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S/N: 1
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