

LOG BOOK #1

N892AM

CLOSED

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22 DATE OF MFG. OCT. 07

SERIAL NUMBER 2738 REGISTRATION NUMBER N892AM

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-550-N	R 691376
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13YF-IN	R
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

9/19/07

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES
HAVE BEEN INSTALLED ON THIS AIRCRAFT

SA10588SC

SE10589SC

SA01708SE



CDC _____ on 9/19/07.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289

N892AM Cirrus SR-22 sn: 2738

May 1, 2008

Hobbs: 157.4

Avidyne PFD pn: 700-00006-000 sn: 200025357 R6.2 was removed and **Avidyne PFD 700-00006-000 sn: M081301084 R7** was installed and returned to service per Avidyne Service Bulletin No. 601-00006-081 OCT/07.

Avidyne MFD pn: 700-00004-008 sn: 20063357 has been upgraded to **Version R7.0.2** per Avidyne Service Bulletin No. 601-00004-077 dated FEB/07.

Aircrafts pitot & static systems have been tested per Part 43 Appendix E.

GARMIN GNS 430W sn: 23402958 and 23403099 MAIN Software has been updated to **Version 3.10** and **GPS Software** has been updated to **Version 3.1** per GARMIN Software Service Bulletin No. 0808 Rev. A dated APR/08.

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

FAA CRS ZL6R006Y

Signed:

AV-01213

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289
May 1, 2009

N892AM Cirrus SR-22 sn: 2738

Hobbs: 397.3

Garmin GNS 430W 011-01060-00 sn: 23402958

Garmin GNS 430W 011-01060-00 sn: 23403099

Updated MAIN Software to Version 3.20 and GPS Software to Version 3.2 per Garmin Software

Service Bulletin No. 0848 Rev. B. (previous version 3.10 / 3.1)

Updated Terrain Cards per SB 0820 to Version 08T2.

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

CRS ZL6R006Y Signed:



AV-01622

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289

N892AM Cirrus SR-22 sn: 2738

September 24, 2009

Hobbs: 514.1

Garmin GNS 430W 011-01060-00 sn: 23402958

Garmin GNS 430W 011-01060-00 sn: 23403099

Updated MAIN Software to Version 3.30 per Garmin Software Service Bulletin No. 0918 Rev. A.
(previous version 3.20 / 3.2)

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

CRS ZL6R006Y Signed:



AV-01782

RADIO & ELECTRONIC CHECKS

ED BY:
- CERT. NO.

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289
N892AM Cirrus SR-22 sn 2738
Hobbs: 556.9
December 2, 2009

United Instruments Altimeter 5934AD-3 sn: 463316 has been repaired and certified per FAR 91.411 to 35K' by Centennial Instruments Inc. on their WO #7590 dated December 2, 2009. See their 8130-3 issued this date. Avidyne PFD 700-00006-000 sn: M081301084 Altimeter has been tested and certified per FAR 91.411 to 20K' by Arapahoe Aero Avionics on our WO # AV-01855 dated December 3, 2009. See 8130-3 issued this date. Aircraft's Static system has been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above has been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:  AV-01855

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road, Englewood, CO 80112 303-799-6289
N892AM Cirrus SR-22 sn: 2738
Hobbs: 556.9
December 9, 2009

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: December 9, 2009 on Garmin GTX-327 sn: 83729507 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-. The aircraft and/or component identified above have been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:  AV-01855

RADIO & ELECTRONIC CHECKS

TOTAL
TIME

EQUIPMENT
CHECKED

TYPE OF
CHECK

ERROR OR
RESULTS

NEXT CHECK
DUE

CHECKED BY:
SIGNATURE — CERT. NO.

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289

N892AM Cirrus SR-22 sn: 2738

August 17, 2010

Hobbs:

Removed ACK A.30 Blind Encoder sn: 108170

Performed FAR 91.217 Calibration Correspondence Test between Avidyne PFD sn: M081301084 and Warranty Replacement ACK A.30 Blind Encoder sn: 115089. Details of this inspection/calibration are on file at this repair station on our WO # AV-02068, Form AA-0120. See our 8130-3 issued this date. Reinstalled PFD and Encoder and performed Pitot and Static system leak tests per FAR Part 43 Appendix E.

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

CRS ZL6R006Y Signed: 

AV-02068

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED SIGNATURE
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ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289

N892AM Cirrus SR-22 sn 2738

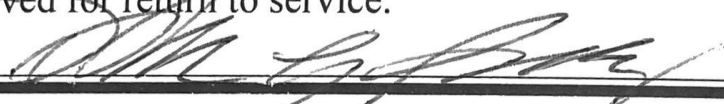
March 14, 2012

Hobbs: 881.7

United Instruments Altimeter 5934AD-3 sn: 463316 has been repaired and certified per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO #8636 dated March 13, 2012. See their 8130-3 issued this date. Avidyne PFD 700-00006-000 sn: M081301084 Altimeter has been tested and certified per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-02545 dated March 14, 2012. See 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 has been inspected in accordance with the current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:



AV-02545

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road, Englewood, CO 80112 303-799-6289

N892AM Cirrus SR-22 sn: 2738

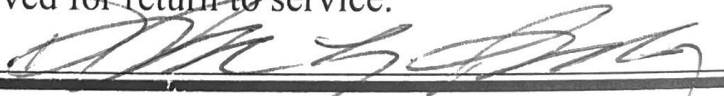
March 14, 2012

Hobbs: 881.7

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: March 14, 2012 on Garmin GTX-327 sn: 83729507 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-02545.

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

FAA CRS ZL6R006Y Signed:



AV-02545

RADIO & ELECTRONIC CHECKS

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

May 1, 2014

ED
Hobbs: 1069.5

8130-3
Avidyne PFD 700-00006-000 sn: M081301084 ADU Calibration has been performed as described in Section 3.7.3 of the Avidyne EXP5000 Installation Manual 600-00141-000 Rev. 05, and tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-03152 dated May 1, 2014. See our 8130-3 issued this date.

United Instruments Altimeter 5934D-3 sn: 463316 has been repaired, tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO #9497 dated May 1, 2014. See their 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 was tested and inspected in accordance with current procedures of the Federal Aviation Regulations and is approved for return to service.

DU C
tested:

CRS ZL6R006Y Signed: 

AV-03152

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

May 1, 2014

Hobbs: 1069.5

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: May 1, 2014 on Garmin GTX-327 sn: 83729507 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-03152.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-03152

MAINTENANCE RECORD

F.A.R. 43.9

DA
COMI

MAKE Cirrus
MODEL SR22 G3
S/N 2738
REG NO 892AM
WORK ORDER
10048-10-2007



Cirrus Design Factory Service Center

Repair Station No YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 10/12/2007
APL T IN 7
HOBBS 7

CATE NO.
VED TO SERVICE

Airframe Entries

(1) Removed and replaced the Terrain data base card P/N 15963-201 IAW SR22 AMM 34-40 Ground check satisfactory (3) Installed Peit Corp Engine Preheat System, FAA-PMA No PQ2585CE, in accordance with Manufacturer's Installation Instructions Updated the aircraft's weight and balance in the Pilot's Operating Handbook (14) Repaired paint on left wingroot fairing IAW Cirrus A MM 51-20

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

DATE: 10/12/2007

SIGNED:

Steven LaMourea
Certified Repair Station No YD5R855Y

Work Order: 10048-10-2007

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ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

19 October 2007

Flight Hobbs: 15.3

Hobbs Meter: 22.8

Adjusted aft rudder control arm and rudder ground adjustable trim tab to correct for right yaw condition.
Lubricated nose landing gear pivot points and polymer shock pucks. No further audible taxi issues noted.
Cleaned windscreen and cabin windows.

 L. John Wells A&P 3221132

w/o 25636, 25638

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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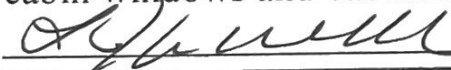
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

18 December 2007 Flight Hobbs: 49.3 Hobbs Meter: 66.5

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Installed new Garmin 430 screen protectors P/N: NAVG400/430 per manufactures instructions. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Checked servicing of oxygen system. Checked servicing of TKS system reservoir. **Complied with Cirrus SB 2X-32-17 (Nose Landing Gear Wheel Torque)** by tightening the nuts on the nose wheel half bolts to specified torque as outlined in Service Bulletin, no further action required. **Complied with Cirrus SB 2X-57-08 (Wing Structure Wing Drain Hole Modification)** by adding a drain hole to the left and right hand outboard wing as outlined in Service Bulletin, no further action required. **Cirrus AD 2007-24-13 (Aileron Control Pulley Failure)** effective 12-04-2007, complied with per Cirrus Service Bulletin No. SB 2X-57-08 (Wing Structure Wing Drain Hole Modification) this date, see entry above, no further action required. 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 25880, 25821

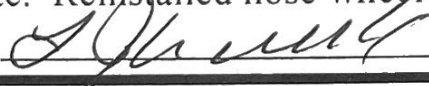
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

7 January 2008 Flight Hobbs: Hobbs Meter:

Trimmed nose wheel fairing nose cap for improved fit and prepped, primed and repainted using Cirrus base white. Reinstalled nose wheel faring nose cap using new installation hardware.



L. John Wells A&P 3221132

w/o 25932

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USEDAGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

10 January 2008

Flight Hobbs: 66.0

Hobbs Meter: 85.1

Complied with Cirrus SB 2X-28-06 (Fuel Level Sending Unit Sensor Dial Replacement) by installing G3 Fuel Sending Unit Kit Part No. 70192-001 as outlined in Service Bulletin, adjusted left fuel indicator per Cirrus Maintenance Manual and verified accuracy of fuel indicators by defueling and refueling fuel tanks, no further defects noted. Installed new right main gear upper fairing clip P/N: 13641-001.

L. John Wells A&P 3221132

w/o 25963

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

3 March 2008

Flight Hobbs: 92.3

Hobbs Meter: 117.9

Repaired and rerouted wiring for left passenger audio jack. Tightened and safetied left aileron actuating bolt. Installed new auto-pilot roll trim servo P/N: 12546-903, S/N: E0235, set stops to specified degree setting and reinstalled aileron assembly using new safeties, operational check satisfactory.

L. John Wells A&P 3221132

w/o 26157

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

18 March 2008

Flight Hobbs: 111.7

Hobbs Meter: 139.3

Installed new Cirrus aft tie down bumper kit P/N: 70121-001.

L. John Wells A&P 3221132

w/o 26196

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

26 March 2008 Flight Hobbs: 120.1 Hobbs Meter: 149.9

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Adjusted pilot's and co-pilot's cabin door latch cable length and timing, operational check satisfactory. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Serviced oxygen cylinder and checked for leakage. Serviced TKS reservoirs. Post inspection ground run-up and systems operational check satisfactory. Washed and waxed aircraft exterior and cleaned windscreen and cabin windows and vacuumed seats and interior.



L. John Wells A&P 3221132

w/o 26268, 26269

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

29 March 2008 Flight Hobbs: 121.1 Hobbs Meter: 151.3

Tightened aft rudder push rod rod-end bearing check nut, applied torque seal putty and checked rudder deflection and surface travel, no defects noted.



L. John Wells A&P 3221132

w/o 26293

MAINTENANCE RECORD

F.A.R. 43.9

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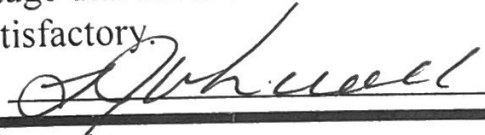
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

1 May 2008 Flight Hobbs: 125.7 Hobbs Meter: 157.4

Checked #2 COMM radio operation and modulation, no defects noted. Tightened right outboard fuel gauge dial mount and cleaned fuel tank gauge dial connections, operational check and gauge indications satisfactory.



L. John Wells A&P 3221132 IA w/o 26397

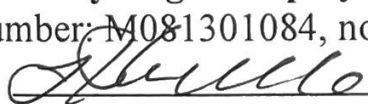
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

6 June 2008 Flight Hobbs: 157.4 Hobbs Meter: 193.7

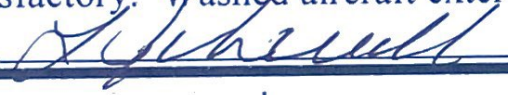

Inspected oxygen system for component condition and security. Cleaned and inspected wiring connector pins and sockets adjacent to cylinder and reassembled using Stabilant 22. Serviced oxygen cylinder and checked for system leakage and fault annunciator light indication, no defects noted. **Complied with Cirrus SB 2X-08-01 (Weighing As-Delivered Weight and Balance Correction)** by correcting As-Delivered Weight and Balance and Equipment List information and incorporating corrected document into the Pilot's Operating Handbook as outlined in Service Bulletin, no further action required. **Complied with Cirrus SB 2X-52-07 R4 (Cabin Door Rod End Replacement)** by installing new pilot's and co-pilot's door rod ends as provided in Kit No. 70186-004 and as outlined in Service Bulletin and adjusting pilot's and co-pilot's cabin door rigging and lubricating linkage, no further action required. **Complied with Cirrus SB 2X-57-09 (Flap Cove Patch Installation)** by installing flap cove patches as provided in Kit P/N: 70202-002 over the opening at the outboard flap coves between the lower wing skin and the outboard flap hinges as outlined in Service Bulletin., no further action required. **Avidyne Corp AD 2008-06-28 R1 (Primary Flight Display Limitations)** effective 04-10-2008, does not apply by installed (PFD) Serial Number: M081301084, no further action required.



L. John Wells A&P 3221132 w/o 26563, 26569

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 N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry 23 June 2008 Flight Hobbs: 173.4 Hobbs Meter: 213.0 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Reinstalled bolster panel switch cover following repainting. Inspected area below co-pilot's door and removed blemish on exterior painted surface. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Checked servicing of oxygen cylinder. Checked servicing of TKS reservoirs. Post inspection ground run-up and systems operational check satisfactory. Washed aircraft exterior, cleaned windscreen, cabin windows, carpets, and vacuumed seats.  L. John Wells A&P 3221132 w/o 26645			
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry 16 July 2008 Flight Hobbs: 189.8 Hobbs Meter: 233.9 Defueled aircraft, adjusted left and right fuel tank low level fuel indication and calibrated and verified fuel indications through 46.0 gallon capacity in each tank, no defects noted.  L. John Wells A&P 3221132 w/o 26741, 26742			

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

30 September 2008 Flight Hobbs: 225.3 Hobbs Meter: 290.3

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 electrolyte level and condition of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Correctly reinstalled left main gear strut fairing. Cleaned affected areas and reinstalled original right main gear fairing bumpers using new Cirrus double-sided tape. Inspected brake calipers and linings. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "sticker", bled brake system and serviced reservoir, brake operational check satisfactory. Checked main wheel fairing bolt torque. Checked servicing of oxygen cylinder. Serviced TKS system reservoirs. Post inspection ground run-up and systems operational check satisfactory. Washed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.



L. John Wells A&P 3221132 w/o 27086

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			
N892AM	Cirrus	SR22	S/N: 22-2738 Airframe Total Time: 246.5
12 November 2008	Flight Hobbs: 246.5	Hobbs Meter: 308.3	
<p>100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Artex ME406 ELT and remote arming switch tested per FAR 91.207(d), no defects noted. ELT battery due October 2012. Reinstalled power lever handle trim button. Untwisted and straightened pilot's seat belts. Adjusted pilot's and co-pilot's seat back locking sectors, no further locking pin engagement defects noted. Aligned rudder pedals by adjusting linkages, trim cartridge and cables. Installed new rudder cable turnbuckle safeties and verified rudder deflection and travel and pedal alignment, no defects noted. Lubricated pilot's and co-pilots rudder pedals, no further operational noise noted. Affixed pilot's cabin floor carpets. Installed and sealed new vertical fin mounted VOR antenna elastic grommets. Adjusted left elevator to horizontal stabilizer gap to specified clearance and verified left and right hand elevator clearances, no further defects noted. Inspected, cleaned, resealed, and safetied fuel strainer. Serviced and charged aircraft battery. Lubricated nose gear pivot points and polymer shock pucks. Adjusted nose gear fork to specified side tension. Adjusted right main gear saddle to specified clearance and tightened installation hardware to specified torque. Cleaned affected areas and reinstalled left and right main gear fairing bumpers using new double-sided tape. Serviced brake reservoir. Installed new cabin air SCEET flexible air duct firewall insulation duct Kit P/N: 70194-001. Installed new left hand lower cowl aft close out seal P/N: 20665-002. Reinstalled pilot's and co-pilot's seats and performed AMSAFE post installation test, no defects noted. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.</p>			
(Continued)		(Page 1)	

(Continued)

(Page 1)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETION

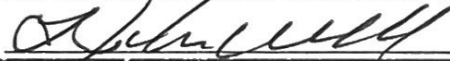
AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

(Page 2)

Complied with Precise Flight MSL 102NMAN0005 (Oxygen System Switch Guard) by installing guard P/N: 100N2125-1 in accordance with PFI drawing number 100N2120, no further action required. Serviced oxygen system and checked for leakage, no defects noted. **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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next MCU corrosion inspection due November 2009 or Flight Hobbs: 346.5.** **Cirrus AD 2008-03-16 (Rudder-Aileron Interconnect Rigging)** effective 03-11-2008, does not apply by Aircraft Serial Number, no further action required. **Avidyne Corp. AD 2008-06-28 R1 (PFD Operational Limitations)** effective 04-10-2008, does not apply by installed PFD Serial Number M081301084, no further action required. Post inspection ground run-up and systems operational check satisfactory. ADs checked through Biweekly 2008-23. **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 27233, 27234

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

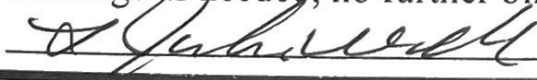
Airframe Log Entry

19 November 2008

Flight Hobbs: 248.5

Hobbs Meter: 312.3

Inspected cabin heat control and valve assembly for condition and security. Adjusted and secured control valve linkage as needed, no further binding noted, operational check satisfactory.



L. John Wells A&P 3221132

w/o 27305

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

N892AM

Cirrus

SR22

S/N: 22-2738

11 January 2009

Flight Hobbs: 0286.5

Hobbs: 0353.5

Adjusted Flight Hobbs airspeed switch as needed. Installed new pilot's carpet using new Velcro pads. Removed roll trim motor, P/N: 12546-903, S/N: EO24. Installed Serviced / Exchange assembly as provided by Cirrus Aircraft, P/N: 12465-903S, S/N: EO61. Checked travels and operation. No defects noted.

L. John Wells A&P 3221132

w/o 27482

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

11 February 2009

Flight Hobbs: 286.5

Hobbs Meter: 353.5

Removed auto-pilot roll trim servo S/N: 241 and installed new unit P/N: 12546-903S, S/N: EO 61, operational check satisfactory. Adjusted Flight Hobbs Meter air speed switch per Cirrus AMM to provide positive "On/Off" operation. Installed new pilot's black carpet P/N: 50453-003U using new Dual-lock Velcro strips.

L. John Wells A&P 3221132

w/o 27482

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

5 March 2009 Flight Hobbs: 297.1 Hobbs Meter: 366.0

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Removed Stormscope processor, inspected connector pins and sockets, applied Stabilant 22 and reassembled unit. Removed and reinstalled altitude encoder following recalibration by Arapahoe Aero Avionics. Installed (2) new right fuel tank outboard fuel level sending units P/N: 18484-311 and calibrated system per Cirrus AMM, operational check satisfactory. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked security of #1 aircraft battery. Installed (2) new #2) aircraft batteries P/N: 50979-001. **Next #2 battery replacement due March 2011 or Flight Hobbs: 797.1.** Serviced brake reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Checked oxygen cylinder service pressure. Checked service level of TKS reservoirs. 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 27641, 27642

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

19 March 2009 Flight Hobbs: 229.5 Hobbs Meter: 369.6

Installed new right main wheel tire P/N: 156E66-4 and tube P/N: 097-500-0 and torqued wheel half assembly hardware. Serviced tire to specified pressure and balanced wheel assembly. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 grease, installed wheel assembly, set bearing preload and installed new safety.

L. John Wells **L. John Wells A&P 3221132** w/o 27714

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

1 May 2009 Flight Hobbs: 323.1 Hobbs Meter: 397.3

Installed (2) new right fuel tank outboard fuel level pots P/N: 18484-311 and calibrated fuel system, leak check and operational check good.

[Signature]

Randy J. Knox Jr. A&P 3227973 w/o 27830

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

12 June 2009 Flight Hobbs: 349.3 Hobbs Meter: 427.2



Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Installed new pilot's cup holder P/N: 51179-001. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Installed new AeroShield protective coating on right main gear upper fairing. Checked main wheel fairing bolt torque. Serviced oxygen cylinder and checked for leakage. Serviced TKS reservoirs. Post inspection ground run-up and systems operational check satisfactory. Washed and waxed aircraft exterior and cleaned windscreen and cabin windows and vacuumed seats and interior.

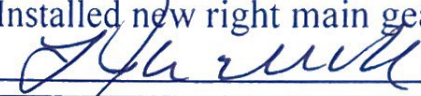
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L. John Wells A&P 3221132 w/o 28002

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
		<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;">  <p>HOLMAN AVIATION</p> <p>1940 Airport Court Great Falls, MT. 59404 PH (406) 453-7613 Fax (406) 453-7204</p> </div> <div style="width: 60%;"> <p><u>N892AM Maker: Cirrus Model: SR22 S/N: 2738</u></p> <p>All the following maintenance was complied with in accordance with Cirrus Maintenance Manual. Removed foreign object from stall warning tubing. Torque Co-Pilot's left hand brake line "B" nut and serviced brake reservoir with hydraulic fluid. Pertinent details of this maintenance action can be found at this Repair Station under WO# 73796.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>Sign </p> <p>CRS# HQOR040K</p> </div> <div> <p>Date: 6 Jul. 2009</p> </div> </div> <p style="text-align: right; margin-top: 20px;">A/C Tach Time: 443.9</p> </div> </div>	

ARAPAHOE AERO			
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N892AM	Cirrus	SR22	S/N: 22-2738
		Airframe Log Entry	
23 July 2009	Flight Hobbs: 373.8	Hobbs Meter: 456.3	
Installed new right main gear fairing upper aft tie clip P/N: 13641-001 and reinstalled fairing assembly.			
		L. John Wells A&P 3221132	w/o 28196



BigHorn Airways
912 W. Brundage Lane
Sheridan WY 82801

N# 892AM
Serial # 2738

Airframe Log Entry

Date: 7/29/2009

Hobbs Time: 461.4

Removed and replaced #1 Alternator with a overhauled unit (P# off: ES-10024, S# off: H080894)(P# on: ES-10024, S# on J011041) IAW Cirrus Maintenance manual chapter 24-30 pg 8-9 ops checked good and leak check satisfactory. Charged battery IAW Gill Maintenance instructions no defects noted. -----END-----

Reference Bighorn Airways Work Order 09-13339 for details of work performed.

Aircraft is approved for return to service.

Mitch Latham

Mitch Latham

Bighorn Airways

3288738 A4P

A&P

AIRFRAME LOG ENTRY N892AM CIRRUS SR-22
COMPLETED 50 HOUR INSPECTION I/A/W CIRRUS
INSPECTION GUIDE NO DEFECTS NOTED AT THIS
TIME. RICHARD S. DESPORTES A&P 259787531
SIGNATURE *Richard S. Desportes* DATE 08/17/09
HOUR METER 405.

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

23 September 2009

Flight Hobbs: 423.2

Hobbs Meter: 514.1

Verified Skywatch system airspeed switch operation. No defects noted. Removed cleaned and inspected TRC 497 processor connector pins and sockets, applied Stabilant 22 and reinstalled and tested Skywatch system, no defects noted. Flight test of Skywatch system with owner/operator satisfactory.


L. John Wells

L. John Wells A&P 3221132

w/o 28454

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
10 OCT 07	6.0 HRS	Production Flight Test accomplished in accordance with Cirrus Procedure #90502
		Name: Brian J. Olson Date: <u>OCT 10, 2007</u>
		Signature: <u>Brian J. Olson</u>
		Title: Production Flight Test Pilot
OCT 11 2007	6.2 hrs	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>OCT / 11 / 2007</u> The next inspection is due <u>OCT / 31 / 2008</u>
		
		LOREN L. THIBERT ODARF-405228-CE

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 459.4

10 December 2009

Flight Hobbs: 459.4

Hobbs Meter: 556.9

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Artex ME406 ELT and remote arming switch tested per FAR 91.207(d), no defects noted. **ELT battery due October 2012.** Cleaned away hydraulic fluid on co-pilot's brake system and floor area and torqued ridged brake supply line fitting, brake operational check good, no further leakage noted. Complied with **Cirrus Service Bulletin No. 2X-30-07 R1 (Wing Porous Panel Vent Inspection)** by removing residual sealant from left and right de-ice panel vent holes as outlined in Service Bulletin. Cleaned and primed affected area and installed new right aileron gap seal P/N: 14390-002 using new Cirrus double-sided tape P/N: 50641-025U. Checked torque on aileron trim cartridge installation hardware. Inspected, cleaned, resealed, and safetied fuel strainer. Serviced and charged aircraft battery. Installed (2) new #2) aircraft batteries P/N: 50979-001. **Next #2) battery due December 2011 or Flight Hobbs: 959.4.** Lubricated nose gear pivot points and polymer shock pucks using HD aerosol silicone. Cleaned and primed affected areas and installed new left and right main gear support straps using new Cirrus double-side tape P/N: 50641-025U. Installed new left main gear tire P/N: 156E66-4. Serviced tire to specified pressure and balanced wheel assembly. Complied with **Cirrus Service Bulletin No. SB 2X-05-01 (Second Brake Temperature Indicator)** by cleaning, inspecting, resealing, and reinstalling left and right brake calipers. Installed new second brake temperature indicator (stickers) per Kit No. 70227-001 to the left and right main gear brake calipers as outlined in Service Bulletin. Bled brake system and serviced reservoir, brake operational check good. Repaired left and right inboard gear fairings and right main gear fairing using composite type repair. Installed new left lower cowl heat reflective aluminum tape. Installed new lower cowl aft close-out seal P/N: 20665-002.

(Page 1)

(Continued)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 459.4

10 December 2009

Flight Hobbs: 459.4

Hobbs Meter: 556.9

(Continued) (Page 2)

Complied with Cirrus Service Advisory No. SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted.

Avidyne Corporation AD 2009-05-05 (Incorrect PFD Altitude and Airspeed Information) effective 04-03-2009, does not apply by installed PFD Serial Number M081301084, no further action required.

Detailed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior.

AD's checked through Biweekly 2009-25. 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 A&P 3290363 IA

w/o 28698, 28699

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

18 December 2009

Flight Hobbs: 460.2

Hobbs Meter: 559.0

Installed (4) new left and right fuel tank outboard fuel level potentiometers P/N:18484-31, and calibrated fuel system, operational check good. Performed 24 month magnetometer checks at field "Compass Rose", all four major headings are within limits, operational check good.

Scott S. Fisher A&P 3290363

w/o 28768

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

10 March 2010

Flight Hobbs: 483.8

Hobbs Meter: 587.5

Removed Cowls, disconnected battery, removed MCU cover and circuit board. Applied stabilant to terminals on current shunt. Reassembled components, MCU cover, reconnected battery and reinstalled cowls. Adjusted pilot's door latches to open simultaneously.



Dave A. Danner A&P 2828262

w/o 29038

ARAPAHOE AERO

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

N892AM

Cirrus

SR22G3T

S/N: 22-2738

Airframe Log Entry

24 March 2010

Flight Hobbs:

Hobbs Meter:

Removed old cracked NACA scoop panel and installed new panel P/N: 16922-001. Removed fuselage panel and installed placard onto ELT as requested. Reinstalled panel using original hardware.



Scott S. Fisher A&P 3290363

w/o 29082

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

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

2 July 2010 Flight Hobbs: 517.2 Hobbs Meter: 626.6

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 electrolyte level and condition of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected main wheel brake calipers and linings. Checked main wheel fairing bolt torque. Checked oxygen cylinder service pressure. Checked serving of TKS reservoirs. 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 29434

ARAPAHOE AERO

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

N892AM

Cirrus

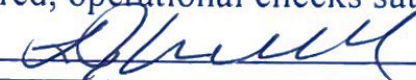
SR22

S/N: 22-2738

Airframe Log Entry

20 August 2010 Flight Hobbs: 533.5 Hobbs Meter: 646.6

Tightened rear passenger headset phone jacks and reinstalled armrest trim. Removed auto-pilot S/N: 0731-12617 and installed overhauled unit P/N: 13560-004-OH-E, S/N: 0802-13142 and aligned system as required, operational checks satisfactory.



L. John Wells A&P 3221132

w/o 29435

INSPECTION RECORD

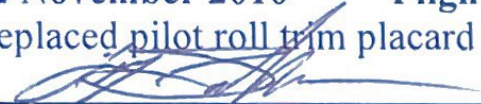
F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
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ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry
22 November 2010 Flight Hobbs: 554.9 Hobbs Meter: 674.5
Replaced pilot roll trim placard and aligned as needed.
 Greg M. Sickafoose A&P 3443687 w/o 30017

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry
15 December 2010 Flight Hobbs: 571.6 Hobbs Meter: 693.4
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 electrolyte level and condition of #1 aircraft battery. Serviced brake reservoir. Installed new left and right main wheel brake caliper linings P/N: 066-06200. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing bolt torque. Serviced oxygen cylinder and checked for leakage. Checked serving of TKS reservoirs. 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 30073

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION-STATUS & DISCREPANCY LIST
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ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 581.3

3 February 2011

Flight Hobbs: 581.3

Hobbs Meter: 704.8

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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/N892AM-2, on file. **ELT batteries due October 2012.** Adjusted pilot's seat back recline latches for full engagement in the full recline position. Cleaned affected areas and installed new right aileron gap seal P/N: 14390-002-01. Adjusted left elevator to stabilizer tip clearance as needed. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft #1 battery. Performed nose gear fork lateral pull test, no adjustment needed. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and installed new felt grease seals in all wheel assemblies. Cleaned affected areas and installed main gear fairing supports new double-sided tape. Serviced brake reservoir. Installed new fresh air SCEET air duct hose insulation sleeve P/N: 70194-001. Inspected oxygen system for component condition and security. Checked oxygen cylinder service pressure. Inspected wing and stabilizer TKS panels and components for condition and security. Checked servicing levels of TKS reservoirs. **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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next inspection due February 2012 or Flight Hobbs: 681.3.** **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 gusset plates for cracks as outlined in Service Bulletin, no defects noted. Installed bolt through nose gear forward weldment as provided in Cirrus Kit 70238-00, no further forward weld inspection required. **Next upper gusset plate inspection due Flight Hobbs: 681.3.**

(Page 1)

(Continued)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 581.3

3 February 2011

Flight Hobbs: 581.3

Hobbs Meter: 704.8

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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/N892AM-2, on file. **ELT batteries due October 2012.** Adjusted pilot's seat back recline latches for full engagement in the full recline position. Cleaned affected areas and installed new right aileron gap seal P/N: 14390-002-01. Adjusted left elevator to stabilizer tip clearance as needed. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft #1 battery. Performed nose gear fork lateral pull test, no adjustment needed. Cleaned, inspected and repacked wheel bearings using Mobile SHC 100 synthetic grease and installed new felt grease seals in all wheel assemblies. Cleaned affected areas and installed main gear fairing supports new double-sided tape. Serviced brake reservoir. Installed new fresh air SCEET air duct hose insulation sleeve P/N: 70194-001. Inspected oxygen system for component condition and security. Checked oxygen cylinder service pressure. Inspected wing and stabilizer TKS panels and components for condition and security. Checked servicing levels of TKS reservoirs. **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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next inspection due February 2012 or Flight Hobbs: 681.3.** **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 gusset plates for cracks as outlined in Service Bulletin, no defects noted. Installed bolt through nose gear forward weldment as provided in Cirrus Kit 70238-00, no further forward weld inspection required. **Next upper gusset plate inspection due Flight Hobbs: 681.3.**

(Page 1)

(Continued)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 581.3

3 February 2011

Flight Hobbs: 581.3

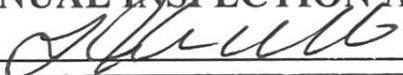
Hobbs Meter: 704.8

(Continued)

(Page 2)

Complied with Cirrus SB 2X-30-07 R3 (Porous Vent Inspection) by checking porous panel vent tubes for obstructions as outlined in Service Bulletin. Cirrus AD 2009-26-01 (Anti-Ice Fluid Line Separation) effective 12-21-2009, does not apply by aircraft serial number, no further action required. AD's checked through Biweekly 2011-03. Post inspection ground run-up and systems operational check satisfactory. 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 30138

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

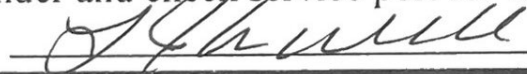
Airframe Log Entry

11 April 2011

Flight Hobbs: 606.5

Hobbs Meter: 734.3

Installed new throttle control cable rod-end P/N: 11314-003 and installed new safety. Rigged power lever controls as needed for full stop-to-stop travel and cushion, operational check satisfactory. Serviced oxygen cylinder and check service port for leakage. Serviced TKS reservoirs.



L. John Wells A&P 3221132

w/o 30454

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

26 August 2011

Flight Hobbs: 689.0

Hobbs Meter:

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. 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. **Complied with Cirrus SB 2X-32-19R1 (nose strut inspection)** by visual inspection of upper gusset plate. No defects noted. Serviced oxygen system. Replaced a section of sceet hose for the fresh air duct. Cleaned windscreen and cabin windows.



L. John Wells A&P 3221132

w/o 30965

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 674.3

17 March 2012

Flight Hobbs: 674.3

Hobbs Meter: 811.7

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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/N892AM-3-7-12-1, dated 03-07-2012, on file. **ELT batteries due October 2012.** Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Cleaned affected areas and installed new vertical stabilizer close-out alloy tape. Torqued left elevator center hinge bolt and installed new safety. Applied Loctite thread-lock to bracket hardware and assembled pitch trim motor mounting bracket to motor flange. Reinstalled pitch trim motor and bracket, operational check satisfactory. Performed left and right fuel cap resistance check, no defects noted and all readings within limits.

(Page 1)

(Continued)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICEKIND 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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 674.3

17 March 2012

Flight Hobbs: 674.3

Hobbs Meter: 811.7

(Continued)

(Page 2)

Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next #2 aircraft battery replacement due March 2014 or Flight Hobbs: 1174.3.** Torqued nose gear strut pivot bolts and installed new safeties. Checked nose wheel fork side tension. Serviced brake reservoir. Inspected oxygen system for components condition and security per Precise Flight (ICA). Checked oxygen cylinder pressure. Inspected wing and stabilizer TKS system components and panels for condition and security. Cleaned and inspected TKS finger strainer, installed new O-ring seals, reinstalled TKS lines, and inspected for leakage. Checked servicing of TKS reservoirs. Performed AmSafe post seat installation check, no defects noted. Wiped down and inspected engine cowlings. Cleaned lower left engine cowling affected area and affixed new heat reflective aluminum tape P/N: 53294-001. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **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 Type III corrosion inhibitor per the Cirrus AMM, no corrosion noted. **Next inspection due March 2013 or Flight Hobbs: 774.3.** **Complied with Cirrus SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 774.3.** AD's checked through Biweekly 2012-05. Post inspection ground run-up and systems operational check satisfactory. **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 31629

INSPECTION RECORD

F.A.R. 43.11-91.409

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

31 May 2012 Flight Hobbs: 697.0 Hobbs Meter: 838.6

Serviced and installed new Gill G243 battery (P/N: G243, S/N: G02717828).

 Eric R. Lundquist A&P 3442975 w/o 31932

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 735.1

18 July 2012 Flight Hobbs: 735.1 Hobbs: 880.3

Removed fuel gauge, P/N: 13557-002, S/N: 0323. Installed overhauled unit, P/N: 13557-002-OH-E, S/N: 0338. Installed all new fuel dials, 4ea. 18484-501. Drained fuel and completed fuel system calibration as needed. Operational check satisfactory.

 L. John Wells A&P 3221132 w/o 32011

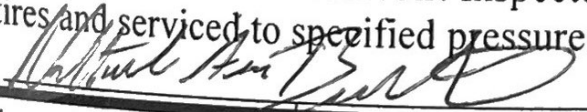
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

20 September 2012 Flight Hobbs: 759.6 Hobbs Meter: 909.7

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. 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. Serviced TKS reservoir. Cleaned windscreen and cabin windows.

 Nathaniel Alan Beuthel A&P 523298743 w/o 32387

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

24 October 2012

Flight Hobbs: 766.1

Hobbs Meter: 917.3

Installed new O-ring seals P/N: AS3582-112 and reinstalled TKS strainer using new P/N: 15164-093 and torqued line fittings. Serviced TKS reservoirs, operational check and leak check good.



David A. Danner A&P 2828262

w/o 32506

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 804.4

8 April 2013

Flight Hobbs: 804.4

Hobbs Meter: 961.4

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Installed new ELT battery P/N: 455-0012 and tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. T100AVtriple/3195/N892AM-4-1-13-2, dated 04-01-2013 on file. **ELT batteries due March 2020.** Completed MFD Check List version A10 updated and adjusted preset parameters as needed. Installed new co-pilot's cup holder P/N: 51179-001. Performed "Data Logger" functional inspection, L.E.D. annunciator light indicated no defects. Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Lubricated hinges and latches on cabin doors. Torqued right aileron actuating arm pivot bolt and installed new safety. Performed left and right fuel cap resistance check, no defects noted, all readings within limits. Installed new O-ring seal and adjusted left fuel tank cap as needed. Installed and safetied new right wing tank fuel drain valve P/N: 25038-001. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged aircraft battery. Lubricated nose gear shock pucks using heavy duty dry silicone. **Complied with Cirrus (SB) No. SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 904.4.** Checked nose wheel fork side tension. Installed new right main gear saddle grommet P/N: 16937-002 and torqued installation hardware. **Complied with Cirrus (SB) No. 2X-57-13 R2 (Lower Landing Gear Attach Bracket)** by retorquing the left and right main gear lower landing gear attach bracket bolts per Service Bulletin, no further action required. Serviced brake reservoir. Reinstalled oxygen cylinder P/N: 1270152-3, S/N: 19524 following hydrostatic test by Aero Care, Inc, W/O# 8967, dated 04-03-2013. **Next oxygen cylinder hydrostatic test due April 2018.**

(Page 1)

(Continued)

INSPECTION RECORD

F.A.R. 43.11-91.409

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ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 804.4

8 April 2013

Flight Hobbs: 804.4

Hobbs Meter: 961.4

(Continued) (Page 2)

Inspected oxygen system for component condition and security per Precise Flight (ICA). Serviced oxygen cylinder and checked for system leakage, no defects noted. Installed new oxygen filler cover Camlock fastener. Inspected wing and stabilizer TKS de-ice surface panels and system components for condition and security. Installed new TKS test port tee fitting B-nut seal P/N: 15164-092 and torqued line fitting, leak check good. Checked servicing of TKS reservoir. Complied with **Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection)** by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying Type III corrosion inhibitor per the Cirrus AMM, no corrosion noted. **Next inspection due April 2014 or Flight Hobbs: 904.4.** Cirrus (SA) No. SA 12-03 (Lock Plate Inspection) does not apply by engine serial number, no further action required. Performed AmSafe post seat installation check, no defects noted. Performed 12 month cabin fire extinguisher weight check, no further defects noted. AD's checked through Biweekly 2013-07. 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.**


Greg Sickafoose A&P 3443687 IA

w/o 32978

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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ARAPAHOE AERO

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

N892AM Cirrus SR22G3 Turbo S/N: 2738 Airframe Log Entry

29 July 2013 Flight Hobbs Meter: 822.2 Hobbs Meter: 984.3

Installed new CAPS reefing line cutter Kit P/N: 25347-002, Model CI-8 sec., 1RRL0613, Mfg date 06/2013, S/N: 4702 and 4726. Next CAPS Reefing Line Cutter replacement due July 2019.

 Greg Sickafoose A&P 3443687 w/o 33324

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

5 December 2013 Flight Hobbs: 851.0 Hobbs Meter: 1018.0

Installed new cabin fan relay (P/N: 50288-001). Operational check satisfactory.

 L. John Wells A&P 3221132 w/o 33858

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

30 December 2013 Flight Hobbs: 857.1 Hobbs Meter: 1024.8

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. 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. Serviced TKS reservoir. Cleaned windscreen and cabin windows.

 Dave A. Danner A&P 2828262 w/o 33932

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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IN SERVICE

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ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 893.5

10 May 2014

Flight Hobbs: 893.54

Hobbs Meter: 1069.5

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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. T100AVtriple/3195/N892AM-4-29-14-1, dated 04-29-2014 on file. **ELT batteries due March 2020.** Installed new ELT remote switch battery, P/N: PX28LB. **Next remote switch battery replacement due May 2019.** Installed (2) new cup holders P/N: 51179-001, for rear passenger area. Performed "Data Logger" Functional Inspection, L.E.D. annunciator light indicated, no defects. Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Performed AmSafe post seat installation check, no defects noted. Inspected pilot's and co-pilot's entry doors and hinges for condition and security. Cleaned affected areas and installed new vertical stabilizer alloy self-adhesive close-out tape. 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 and charged #1 aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. **Next #2 aircraft battery replacement due May 2016 or Flight Hobbs: 1393.5.** Checked nose wheel fork side tension. Removed one right main gear saddle clamp shim washer, checked clearance and torqued installation hardware. Installed new left main strut upper fairing tie strap, P/N: 13641-001. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper assembly. Installed new brake temperature placard stickers, bled brake system and serviced reservoir, brake operational check satisfactory. Inspected oxygen system for component condition and security per Precise Flight (ICA). Checked oxygen cylinder service pressure. Inspected wing and stabilizer TKS de-ice surface panels and system components for condition and security, no defects noted. Checked servicing of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, no defects noted, bottle weight 503.0 grams. Inspected and wiped down engine cowling.

INSPECTION RECORD

F.A.R. 43.11-91.409

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ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 917.6

27 June 2014 Flight Hobbs: 917.6 Hobbs: 1098.0

Replaced EMA controller with overhauled unit (P/N: 508358-421, S/N: RA11JUN14-3). Cleaned #2 alternator connector at MCU and applied stabilant 22. Operational check satisfactory.



L. John Wells A&P 3221132

w/o 34514

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

3 October 2014 Flight Hobbs: 978.2 Hobbs Meter: 1168.6

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Sealed stormscope antenna as needed. Inspected left and right fuel tank caps and adjusted as needed. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Installed new upper right main landing gear strut fairing (P/N: 18139-002). Serviced brake fluid reservoir. Inspected brake disks, calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Wiped down and inspected engine cowlings. Checked oxygen cylinder service pressure. 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 34854

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

DATE

5 March 2015

Flight Hobbs: 1038.4

Hobbs Meter: 1228.8

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 electrolyte level and condition of #1) aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected main wheel brake disks, calipers and linings. Checked main wheel fairing bolt torque. Wiped down and inspected engine cowling. Checked oxygen cylinder service pressure. Checked service level of TKS reservoirs. 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 35376

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 1079.9

11 June 2015

Flight Hobbs: 1079.9

Hobbs Meter: 1270.1

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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. T100AVtriple/3195/N892AM-5-27-15-2, dated 05-27-2015 on file. **ELT batteries due March 2020.** Performed Transient Voltage Suppressor Inspection by inspecting continuity of installed fuses, no defects noted. Performed AmSafe post seat installation check, no defects noted. Inspected pilot's and co-pilot's entry doors and hinges for condition and security. Inspected flaps for condition and security, flap deflection check and operational check satisfactory. Installed new right flap inboard hinge fairing P/N: 16892-003. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected and secured right inboard fuel dial wiring harness. Back-flushed right fuel tank sump drain, no further fuel seepage noted. Inspected, cleaned, resealed, and leak checked fuel strainer.

INSPECTION RECORD

F.A.R. 43.11-91.409

ARAPAHOE AERO

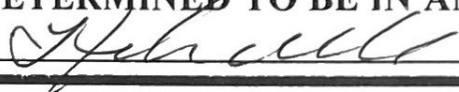
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 1079.9

11 June 2015 Flight Hobbs: 1079.9 Hobbs Meter: 1270.1

(Continued) (Page 2)

Inspected and charged #1 aircraft battery. Inspected #2 batteries for condition and security, no defects noted, static voltage 24.6 volts. Checked nose wheel fork side tension. Installed new right main wheel tire P/N: 156E66-4, S/N: 41342447, tube P/N: 097-500-0 and brake disk P/N: 164-02504 and torqued wheel halve assembly hardware. Serviced tire to specified pressure and balanced wheel assembly. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned all felt grease seals. Inspected left and right main wheel brake disks, calipers and linings. Installed new right main wheel brake caliper linings P/N: 066-06200 and new insulator shim P/N: 068-01100. Inspected oxygen system for component condition and security per Precise Flight (ICA). Checked oxygen cylinder service pressure. Inspected flight surface TKS de-ice surface panels and system components for condition and security, no defects noted. Checked servicing of TKS reservoirs. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Inspected and wiped down engine cowlings. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. **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 Type III corrosion inhibitor per the Cirrus AMM, no corrosion noted. Cleaned and primed affected areas and resealed MCU mounting bolts, no further defects noted. **Next inspection due June 2016 or Flight Hobbs: 1179.9.** **Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1179.9.** AD's checked through Biweekly 2015-11. Post inspection ground run-up and systems operational check satisfactory. **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 35623

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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ARAPAHOE AERO

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

N892AM

Cirrus

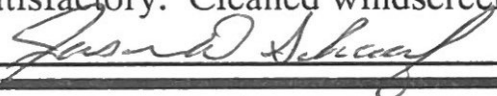
SR22

S/N: 22-2738

Airframe Log Entry

7 August 2015 Flight Hobbs: 1138.2 Hobbs Meter: 1328.7

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. Checked electrolyte level and condition of #1) aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected main wheel brake disks, calipers and linings. Checked main wheel fairing bolt torque. Wiped down and inspected engine cowling. Serviced oxygen as needed. Checked service level of TKS reservoirs. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.



Jason D. Schaaf A&P 3551738 w/o 35878

ARAPAHOE AERO

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

N892AM

Cirrus

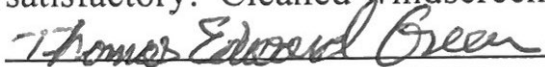
SR22

S/N: 22-2738

Airframe Log Entry

4 December 2015 Flight Hobbs: 1215.0 Hobbs Meter: 1405.5

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 electrolyte level and condition of #1) aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake reservoir. Inspected main wheel brake disks, calipers and linings. Checked main wheel fairing bolt torque. Wiped down and inspected engine cowling. Serviced oxygen as needed. Serviced TKS reservoir as needed. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.



Thomas Edward Green A&P 3445718 w/o 36258

INSPECTION RECORD
F.A.R. 43.11-91.409

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

February 2016

Flight Hobbs: 1239.8

Hobbs: 1430.2

Installed #1 alternator field control module P/N: 29435-002, S/N: 2136. . Operational check satisfactory.

 **Simon Rubino A&P 2670700**

w/o 36446

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

July 6, 2016

Hobbs: 1491.0

Avidyne PFD 700-00006-000 sn: M081301084 Altimeter has been tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-03660 dated July 6, 2016. See our 8130-3 issued this date.

United Instruments Altimeter 5934D-3 sn: 463316 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO #10301 dated July 6, 2016. See their 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 was tested and inspected in accordance with current procedures of the Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-03660

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

July 6, 2016

Hobbs: 1491.0

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: July 6, 2016 on Garmin GTX-327 sn: 83729507 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-03660.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed: 

AV-03660

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 1300.6

12 July 2016

Flight Hobbs: 1300.6

Hobbs Meter: 1491.0

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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. T100AVtriple/3195/N892AM-7-1-16-1, dated 16 July 2016 on file. **ELT batteries due March 2020.** Performed AmSafe post seat installation check, no defects noted. Inspected pilot's and co-pilot's entry doors and hinges for condition and security. 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 and charged #1 aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-002, static voltage 24.4 volts. **Next replacement of #2) aircraft batteries July 2018 or Hobbs Time: 1800.6.** Checked nose wheel fork side tension. Serviced tires to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned all felt grease seals. Inspected left and right main wheel brake disks, calipers and linings. Inspected oxygen system for component condition and security per Precise Flight (ICA). Serviced oxygen. Inspected flight surface TKS de-ice surface panels and system components for condition and security, no defects noted. Serviced TKS reservoir.

(Page 1)

(Continued)

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 1300.6
12 July 2016 Flight Hobbs: 1300.6 Hobbs Meter: 1491.0

(Page 2)

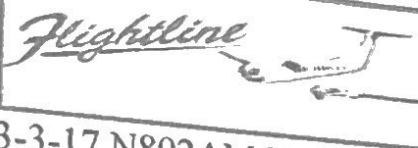
(Continued)

Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Inspected and wiped down engine cowling. Removed and installed new left hand lower cowl heat tape. Secured left aileron horn bolt, as needed. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Inserted revisions A9 and A10 into POH. Printed and inserted TPOH changes 15-18 and 15-27 into POH. 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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next inspection due July 2017 or Flight Hobbs: 1400.6.** Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1400.6.** Complied with **Cirrus SB 2X-52-08 R2 (Cabin Door Struts)** by installing new door strut rod ends and catcher diverter's as included in kit P/N: 70544-001 and outlined in Service Bulletin, no further action required. AD's checked through Biweekly 2016-14. Post inspection ground run-up and systems operational check satisfactory. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



Simon Rubino A&P 2670700 IA

w/o 36921



2000 Airport Rd. #2D Gillette, WY 82716
Ph. 307-686-7000 Fax. 307-686-5770

DATE	AIRCRAFT TIME IN SERVICE

3-3-17 N892AM Hobbs: 1648.8 Flt. Hobbs: 1458.3
R&R LH main tire w/ AirHawk 15x6.00-6 6 ply. R&R LH main tire tube w/
Leakguard 15/6.00-6 inner tube. Ops ck ok.
Heath Rose A&P 3058236 IA

ANALYST

END

12760 EAST CONTROL TOWER ROAD; ENGLEWOOD, COLORADO 80112 (303) 755-1111

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

17 June 2017 Flight Hobbs: 1491.6 Hobbs Meter: 1681.6

Complied with Cirrus SB 2X-95-18 R3 (CAPS Rocket Replacement) by removal of rocket motor assembly, P/N: 21814-001, S/N: 3498, and parachute assembly P/N: 20331-001/D, S/N: 03042. Modified parachute enclosure as needed for installation of new rocket assembly. Installed rebuilt parachute assembly P/N: 25574-004, S/N: 02834R1, rebuilt by Cirrus Design PCE# 338CE, reference 8130-3 Work Order 162276, dated 08 June 2017. **Next CAPS parachute repack due 08 June 2027.** Removed reefing line cutters P/N: 26707-001, S/N: 4726 & 4702 and installed on new parachute assembly. **Reefing Line Cutters expire June 2019.** 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: 2451. **New Rocket Motor Assembly Expiration Date 04 May 2027.** 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 P138 connectors as needed. Installed CAPS igniter harness assembly and secured routing as needed. Assembled #2 battery box using new cover. Performed all CAPS electrical Resistance, Voltage and Diode checks. All readings found to be within Manufacturers Published Limits. Performed Pitot and Static system leak checks. Weight and Balance calculated using data as provided in Service Bulletin and incorporated into POH. Ground run operational check of aircraft systems satisfactory.

Nathaniel Alan Beuthel A&P 3659835

w/o 37952

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Total Time: 1681.6

DATE

17 June 2017

Flight Hobbs: 1491.6

Hobbs Meter: 1681.6

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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. T100AVtriple/3195/N892AM-6-16-17-1, dated 06-16-2017 on file.

ELT batteries due March 2020. Performed AmSafe post seat installation check, no defects noted.

Inspected pilot's and co-pilot's entry doors and hinges for condition and security. 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 and charged #1 aircraft battery. Checked nose wheel fork side tension. Serviced tires to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned all felt grease seals. Inspected left and right main wheel brake disks, calipers and linings. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers" and new left and right brake linings P/N: 066-06200. Conditioned brakes per Cleveland service instructions. Inspected oxygen system for component condition and security per Precise Flight (ICA). Serviced oxygen. Inspected flight surface TKS de-ice surface panels and system components for condition and security, no defects noted. Serviced TKS reservoir. Installed new TKS filter P/N: 26115-101. **Next TKS filter replacement due June 2019 or Flight Hobbs Time: 2691.6.**

Inspected cabin fire extinguisher for condition and security and performed 30 days cabin fire extinguisher weight check. Inspected and wiped down engine cowlings. Secured left main fairing support as needed using new tape. Wash and wax aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. 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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next inspection due June 2018.** Complied with **Cirrus SA16-09 R1, Artex SA 161011.1 (Clasp)** N/A by installed tray design. Complied with **Cirrus SA17-02, Artex SA 161216.1 (Date Code)** N/A by ELT manufacture date. Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted.

Next upper gusset plate inspection due Flight Hobbs: 1591.6. (Continued)

(Page 1 of 2)

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 1681.6

DATE

17 June 2017 Flight Hobbs: 1491.6 Hobbs Meter: 1681.6 (Page 2 of 2)

AD's checked through Biweekly 2017-12. Post inspection ground run-up and systems operational check satisfactory. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

L. John Wells

L. John Wells A&P 3221132 IA

w/o 37952

ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Log Entry

14 December 2017 Flight Hobbs: 1560.5 Hobbs Meter: 1751.4

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 of #1 aircraft battery. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Checked oxygen cylinder service pressure. Checked service level of TKS system reservoirs. Post inspection ground run-up and systems operational check satisfactory. Washed and waxed aircraft. Cleaned windscreen and cabin windows and vacuumed seats and interior.

Jason D. Schaaf

Jason Daniel Schaaf A&P 3551738

w/o 38466

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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

ARAPAHOE AERO AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

March 20, 2018

Hobbs: 1758.3

Avidyne PFD 700-00006-000 sn: M081301084 NO MODS. Screen Protector installed.

RMA # 12938 Returned PFD to Extant for repair.

Extant evaluated the PFD. "Unit requires Mods 34, 43, 51, 52, 57 and 58. Incoming Squawk confirmed, No heading displayed, no comm with mag. This problem was caused by thermally degraded components on Power Supply board (L9 and C41). Mod 34 previously installed but not marked on TSO label. Mod 52 does not need to be performed per SB 601-00006-096 Rev 01, dated 7/14/2008. AD 2009-05-05 is N/A per unit serial number. Installed Mod 43, 51, 57 and 58. Replaced power supply 320-00064-001 sn: 0804245440 to correct incoming squawk. Replaced cracked knobs. Installed Software version 530-00214-002 Rev 06. (8.0.6) All work done per PMM 600-00128-004 Rev 06 dated 9/20/16. Replaced C83 on ADAHRS board to correct a quick start issue." See FAA Form 8130-3 issued by Extant Aerospace on their WO 19395-12938RS dated 14-March-2018. Unit reinstalled and configured to match previous installation data. Verified normal operation. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E. New FAR 91.411 cert date March 14, 2018.

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-04027

ARAPAHOE AERO AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

July 6, 2018

Hobbs: 1777.7

Garmin GNS 430W 011-01060-00 sn: 23402958 (#1)

Garmin GNS 430W 011-01060-00 sn: 23403099 (#2)

Upgraded MAIN Software to version 5.40 per STC Service Bulletin 1766 Rev A dated DEC/17 in accordance with Service Bulletin No. 1762 Rev A dated 11-16-2017. Upgraded GPS Software to version 5.0 per Software Service Bulletin No. 1317 Rev A dated APR/13. (previous versions 3.30 / 3.2)

Units have been configured for new equipment and operation verified. New Approved Flight Manual Supplement 190-00356-03 Rev F dated November 30, 2017 has been added to aircraft's POH.

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-04072

ARAPAHOE AERO AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

July 9, 2018

Hobbs: 1777.7

United Instruments Altimeter 5934AD-3 sn: 463316 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 20K' by Centennial Instruments Inc. on their WO # 11051 dated July 9, 2018. See their 8130-3 issued this date.

Avidyne PFD 700-00006-000 sn: M081301084 Altimeter has been tested per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero Avionics on our WO # AV-04072 dated July 6, 2018. See our 8130-3 issued this date. ACK-A30.9 sn: 148262 Encoder has been calibrated to the PFD 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 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-04072

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 AVIONICS

12780 E Control Tower Rd Englewood, CO 80112 303.799.6289

N892AM Cirrus SR-22 sn: 2738

Hobbs: 1777.7

July 10, 2018

Removed GTX-327 Mode C Transponder and ACK A-30 Encoder.

Installed **Garmin GTX-345 Mode S / ADSB Transponder 011-03302-00 sn: 3EG020847** and **ACK A-30.9 Serial Encoder sn: 148262**. Installed in accordance with **STC SA01714WI**.

Aircraft's Equipment List and Weight and Balance have been amended. See FAA Form 337 dated July 10, 2018 for details.

The installed ADS-B OUT system has been shown to meet the equipment requirements of 14 CFR 91.277.

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: July 10, 2018 on **Garmin GTX-345 011-03302-00 sn: 3EG020847** 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-04072. 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-04072

INSPECTION RECORD

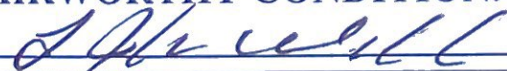
ARAPAHOE AERO

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

N892AM Cirrus SR22 S/N: 22-2738 Airframe Total Time: 1586.7

19 July 2018 Flight Hobbs: 1586.7 Hobbs Meter: 1777.7

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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. T100AVtriple/3195/N892AM-7-13-18-1, dated 07/13/2018 on file. **ELT batteries due March 2020.** 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 and charged #1 aircraft battery. Checked nose wheel fork side tension. Serviced tires to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned all felt grease seals. Inspected left and right main wheel brake disks, calipers and linings. Hydrostatic test of oxygen cylinder competed by DOT, Inc. Reinstalled regulator and serviced bottle as needed. Leak check satisfactory. **Next oxygen bottle hydrostatic test due July 2023.** Tightened all TKS fittings from pump and filter on TKS system. Cleaned and lubricated TKS fill cap. Inspected cabin fire extinguisher for condition and security and performed 30 days cabin fire extinguisher weight check. Cleaned, prepped affected area and applied new heat tape on left lower cowling. 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 MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. **Next inspection due July 2019.** Complied with **Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection)** by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1686.7.** 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 2018-15. Washed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check satisfactory. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



L. John Wells A&P 3221132 IA

w/o 39189

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

03 July 2019 Flight Hobbs: 1629.5 Hobbs Meter: 1820.6

Installed repaired Multi-function display P/N: 7000-00004-008, S/N: 20063357, repaired by Extant Aerospace, CRS # 5S5R934B, referenced 8130-3 dated 02 July 2019, WO# 24311-17963RS. Installed right navigation light bulb P/N: 34-0428020-65. Serviced oxygen system. Reassembled right rear passenger air vent. Ground run-up and operational check satisfactory.



L. John Wells A&P 3221132

w/o 40257

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 2738

Airframe Total Time: 1651.9

09 August 2019 Flight Hobbs: 1651.9 Hobbs Meter: 1842.9

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction 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/ N892AM-7-29-19-1, dated 07/29/2019 on file. Installed new ELT remote arming switch battery P/N: PX28LB. **Next ELT remote battery due August 2024. ELT batteries due March 2020.** 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 and charged #1 aircraft battery. Installed (2) new #2 batteries P/N: 50979-001. **Next #2 battery replacement due August 2021 or Flight Hobbs: 2151.9.** Cleaned, prepped section of lower cowl and installed new flange seal. Drained TKS system. Removed and re-torqued fittings on finger screen. Reinstalled with new o-rings, leak check good. Re-installed forward interior inboard left side panel and missing screw. Adjusted nose wheel fork side tension. Serviced tires to specified pressure. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and cleaned all felt grease seals. Inspected left and right main wheel brake disks, calipers and linings. Printed and inserted TPOH Revision 13-08 R1, 15-15 R1 and 18-03 into POH.

(Continued) (Page 1 of 2)

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 2738

Airframe Total Time: 1651.9

09 August 2019

Flight Hobbs: 1651.9

Hobbs Meter: 1842.9 (Page 2 of 2)

Installed new reefing line cutters, P/N: 26707-001, S/N: 15415 & 15356 as included in kit P/N: 25347-002. Cutters installed in reference to Cirrus CMM. Cutter date of manufacture February 2019. **Next Reefing Line Cutter replacement due February 2025.** Installed **new pilot and co-pilot seat inflator assemblies** P/N: 20902-005, S/N: Z7181336144, Z7181336107. Manufacture date November 2018. **Next seat inflator replacement due November 2028.** 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 Inspection) by inspecting the nose landing gear gusset plates for cracks as outlined in Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1751.9.** AD's checked through Biweekly 2019-16. Washed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check satisfactory. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

 L. John Wells A&P 3221132 IA

w/o 40406

ARAPAHOE AERO

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

N892AM

Cirrus

SR22

S/N: 22-2738

Airframe Log Entry

19 November 2019

Flight Hobbs: 1695.8

Hobbs Meter: 1886.8

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. Inspected nose and main landing gear tires and serviced to specified pressures. Inspected brake calipers and linings. Checked main wheel fairing bolt torque. Checked oxygen cylinder service pressure. Checked service level of TKS system reservoirs. Installed new RT A400 fire extinguisher. Post inspection ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.



Thomas Edward Green A&P 3445718

w/o 40746