

N411HZ

Book #2

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

AirMart.com
AIRCRAFT SALES & BROKERAGE

AIRCRAFT DATA

1. Nationality & Registration N411HZ
2. Manufacturer's Designation
(Make & Model) Cirrus SR22
3. Manufacturer's Serial
Number 1568
4. Type Approval or
Specification Number _____
5. Date of Manufacture Aug 2005
6. Aircraft Inspection Cycle _____



Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	N ^A SIG.	LICENCE: AME or AMO/ACA
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN					
CARRIED FORWARD									

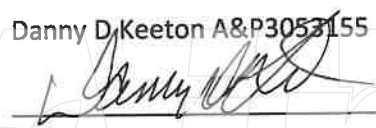
Date: May 09 2019
Make: Cirrus
Model: SR22
S/N: 1568

Logbook Entry
Tach: 924.4
Hobbs: 501.4
Reg N411HZ

Performed 100hr inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 20-2024, completed pull test on nose pivot. No AD'S to report since last inspection interval.

I certify this aircraft has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.

Danny D Keeton A&P3053155



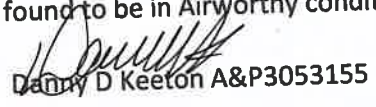
Date: August 14, 2019
Make: Cirrus
Model: SR22
S/N: 1568

Logbook Entry
Tach: 1020.4
Hobbs: 653.4
Reg N411HZ

Performed 100hr inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 03:2024, completed pull test on nose pivot. No AD'S to report since last inspection interval.

I certify this aircraft has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.

Danny D Keeton A&P3053155



Date: 01 October 2019
Make: Cirrus
Model: SR22
S/N: 1568

Logbook Entry
Tach: 1065.3
Hobbs: 698.3
Reg N411HZ

Annual inspection completed. All maintenance was conducted in I/A/W the Cirrus maintenance manuals and FAR 43-13 appendix D. The following AD's were complied with during this annual: NO new AD's due this annual. SB2X-05-02 due at: 768.8 or SEPT 2020. Replaced wing tip hardware. Cleared pilot seat belt seat sheaths. Replaced 2 EA M/L/G tires and tubes. Cleaned and repacked all bearings (M/L/G and N/L/G). Serviced Battery. Inspected brakes and linings. Replaced all landing gear brake pads (8EA). Filled the brake fluid resevoir. Inspected and lubricated external flight controls. Completed pull test on nose gear pivot to 25 lbs as required by Cirrus design maintenance manual section 32-20.

I certify that this aircraft has been inspected I/A/W a/an annual inspection and determined it to be in an airworthy condition.



Danny D Keeton A&P3053155 IA

11/12/2019
Cirrus SR22
TACH: 1113.4
Hobbs: 774.2

Replaced R/H wing white NAV light w/ PN 11-03208. All MX was conducted I/A/W the applicable MM.

JH Haynes
AP 3790028

Tach 1124.7
21 Nov 19

Removal engine sensor interface unit for
Repair. Pulled & locked engine instrument CR - Okech AP305301

Section 1: Airframe Log

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DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN					
CARRIED FORWARD									
Date: 12/20/2019 Aircraft: N411HZ Cirrus SR22 S/N: 1568 Flight Hobbs: 1135.1									
Complied with Cirrus Service Bulletin SB 2X-34-24 R1, dated 29 Jan 2009 – Upgrade of GPS1/GPS2 by removing #1 GNS430 P/N 011-00280-10 S/N 97123770 and #2 GNS430 P/N 011-00280-10 S/N 97124815 and shipping to Garmin for WAAS Upgrade. Removed #1 GPS Antenna P/N 011-00134-00 S/N 59409299 and #2 GPS Antenna P/N 011-00134-00 S/N 59409303. Installed new #1 GA35 WAAS Antenna P/N 013-00235-00 S/N 180529 and #2 WAAS GPS Antenna P/N 013-00235-00 S/N 180534. Installed upgraded #1 GNS430W P/N 011-01060-40 S/N 97123770 (See FAA Form 8130-3, Garmin International, Form Tracking Number# RMA 117807482) and upgraded #2 GNS430W P/N 011-01060-40 S/N 97124815 (See FAA Form 8130-3, Garmin International, Form Tracking Number# RMA 117807482) Configured units, operational tests check good.									
Accessed and removed GTX327 Mode C Transponder, P/N 011-00490-00 S/N 83724428. Installed a new Garmin GTX345 ADS-B Compliant Transponder, P/N 011-03302-00 S/N 3EG031943 (See FAA Form 8130-3, Garmin International, dated 10 DEC 2019, Form Tracking Number 169847419-4) in accordance with Garmin International STC# SA01714WI. (See FAA Form 337, Aviation Technology, Inc., dated 12/20/2019)									
Complied with Avidyne EX5000 MFD Release 8.2.2 Software Upgrade Service Bulletin in accordance with Avidyne Document Number 601-00004-107 Revision 03, dated 04 June 2019 on EX5000 MFD P/N 700-00004-008 S/N 21215235.									
I certify that, with respect to the work performed; this aircraft is airworthy and is approved for return to service. Records are on file at this agency under WO#A4061.									
Signed <u>Denny Goodman</u> for CRS# AYTR297X									
Aviation Technology Louisville International Airport (KSDL) 1141 Standiford Avenue Louisville, Kentucky 40213 (502)361-7130									
Date: 13 Jan 2020 Logbook Entry									
Make: Cirrus Tach: 1150.3									
Model: SR22 Hobbs: 819									
S/N: 1568 Reg: N411HZ									
Performed 100hr inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 03:2024, complied with ICA LSM-500-082-Rev S by op check and inspection per instructions in ICA next due 1250.3. completed pull test on nose pivot. No AD'S to report since last inspection interval.									
I certify this aircraft has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.									
Date: June 22, 2019									
AC: N411HZ AC SN: 1568 ACTT: 1306.1									
Removed the right wing tip, nav light assembly and strobe control box. Installed AEROLED pulsar nav light assembly, part number 11-1100-24. Reinstalled right wing tip. Removed left wing tip, nav light assembly and strobe control box. Installed AEROLED pulsar nav light assembly kit, part number 11-1100-24. Reinstalled left wing tip. Operational check OK.									
Date: 14 Jan 2020 Logbook Entry									
Make: Cirrus Tach: 1150.3									
Model: SR22 Hobbs: 819									
S/N: 1568 Reg: N411HZ									
Reinstalled Engine Sensor interface unit functional check on Old A&P3053155									
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Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN					
CARRIED FORWARD									
<div><div><div><div>Date: 24 July 2020</div><div>Make: Cirrus</div><div>Model: SR22</div><div>S/N: 1568</div></div><div><div>Logbook Entry</div><div>Tach:1346.1</div><div>Reg N411HZ</div></div></div><div><div>Performed 100hr inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 03:2024, complied with ICA LSM-500-082-Rev S by op check and inspection per instructions in ICA next due 1346.1 completed pull test on nose pivot. No AD'S to report since last inspection interval. I certify this aircraft has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.</div><div><div>Danny D Keeton</div><div>A&P3053155</div></div></div></div>									
<div><div><div><div>Date: 08/25/2020</div><div>Aircraft: N411HZ</div><div>S/N: 1568</div><div>Time: HOBBS: 1112.6</div></div><div><div>The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 20,000 feet.</div><div>The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.</div></div><div><div><div>#1 Altimeter/ADC P/N 700-00006-000</div><div>S/N D1262</div></div><div><div>#2 Altimeter/ADC P/N 59340-3</div><div>S/N 445826</div></div><div><div>#3 Altimeter/ADC P/N N/A</div><div>S/N N/A</div></div></div><div><div>#1 Transponder P/N 901-03302-00</div><div>S/N 3EG031943</div></div><div><div>#2 Transponder P/N N/A</div><div>S/N N/A</div></div></div><div><div>Date Altimeters/ADCs Tested: 08/25/2020</div></div><div><div>The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # A4083</div><div><div>Signed</div><div>for CRS# AYTR297X</div></div><div><div>Aviation Technology</div><div>1141 Standiford Avenue</div><div>Louisville, Kentucky 40213</div><div>(502)361-7130</div></div></div></div>									
<div><div>AT Form 39</div><div>PAGE TOTALS</div><div>CARRY FORWARD to Top of Next Page</div></div>									

wo: A4083

Aviation Technology

Aviation Technology Inc. • 1141 Standiford Ave • Louisville, KY 40213 • 502-361-7130 • CRS#: AYTR297X

N411HZ

Flight Hobbs: 1308.1

CIRRUS DESIGN CORP, SR22, S/N: 1568

Hobbs: 1112.6

August 25, 2020

1. Removed Roll Trim Cartridge assembly P/N: 15660-001 and installed new Roll Trim Cartridge assembly P/N: 15660-001. Removed Roll Trim motor Assembly P/N: 11796-004 S/N: 21 and installed overhauled Roll Trim motor assembly P/N: 12546-005(s) S/N: 123. All work was done in accordance with Cirrus SR22 AMM 27-10 Pages 31-34 Para. 5,6,8,9,10. Performed operational Check and found to operate satisfactory. No other Defects noted at this time.

2. Complied with 14 CFR Part 91.411& 91.413. Refer to Aviation Technology AT Form 39 Dated 08/25/2020 for P/N and S/N of units tested.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aviation Technology Inc. under work order: A4083.

Matt Richmer CRS AYTR297X

wo: A4083

Aviation Technology

Aviation Technology Inc. • 1141 Standiford Ave • Louisville, KY 40213 • 502-361-7130 • CRS#: AYTR297X

N411HZ

Flight Hobbs: 1308.1

CIRRUS DESIGN CORP, SR22, S/N: 1568

Hobbs: 1112.6

August 27, 2020

1. Removed Pilot and Co-Pilot Brake assemblies, inspected and installed new Brake Puck o-rings P/N: M83461/1-222. Found all brake linings worn beyond limits, Removed worn brake linings and installed new brake linings P/N: 66-10500. Installed Pilot and Co-pilot brake assemblies and bled brakes. All work was done in accordance with Cirrus SR22 AMM Chapter 32-42. No other defects noted at this time.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aviation Technology Inc. under work order: A4083.

Matt Richmer CRS AYTR297X

Date: 02 Nov 2020

Make: Cirrus

Model: SR22

S/N: 1568

Logbook Entry

Tach: 1440.9

Reg N411HZ

Performed Annual inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 03:2024,completed pull test on nose pivot. Complied with Garmin ICA's per instructions in Garmin ICA'S No new AD'S to report since last inspection interval. I certify this aircraft has been inspected in accordance with an annual inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.

Danny D Keeton

A&P3053155IA

Section 1: Airframe Log

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DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							
12/02/2020			1461	3			Remove NOSE FORK Replaced w new NOSE fork & (Yoko), Replaced wheel bearings (NOSE) Replaced Brake rotor R Main wheel (NOSE wheel pants support) Replaced R Main & Main wheel bearings. Replaced front engine bottle w new bottle. A&P 3053155IA

Date: 3/10/2021; Aircraft: N411HZ; Type: SR22; S/N: 1568; Hobbs: 1486.80; Tach: 1251.30; Total Time: 1251.30; LG Cycles:; Engine - Type: IO550N27B, S/N: 917812, Time: 1251.30; Prop - Type: PHC-J3YF1RF, S/N: FP3942B, Time: 1251.30
Shop Order #: SH21-0036

Discrepancy: 1 Perform Preliminary Inspection
Corrective Action: 1 Preliminary Inspection Complied With And Any Discrepancies Noted Are Listed On Work Order Sheet.

Discrepancy: 2 ALT 2 Light Steady On. Essential Voltage Stays In Red (22.3 Vdc)
Corrective Action: 2 Initial Troubleshooting Found No Voltage At Alt 2 Field. Removed Voltage Regulator P/N 29434-003 S/N 5282 And Installed New Regulator P/N 29434-003 S/N 10949. Found Power Diode To Be Defective. Removed Diode P/N 51130-001 S/N D633008 And Installed New Diode P/N 51130-001 S/N VDA160051. Ground Ran Aircraft And Noted 22.3VDC On MFD And Volt / Amp Meter. While Running Checked Voltage At Essintal Bus At Circuit Breaker And Found To Be 28.5VDC. Removed Logic Module P/N 14610-004 S/N 0811 And Installed New Logic P/N 14610-004 S/N 1314. Performed Ground Run. System Still Indicating 22.3VDC. Upon Instruction From Cirrus Tech Support Checked All Wiring For Annunciator Panel / Voltage Indication. Found To Be Good. Upon Further Conversation Tech Support Advised To Check Individual Circuit Breakers For Essential Voltage. Found Essential Voltage Breaker To Be Bad. Removed And Replaced With New Breaker 7277-2-20. Operational And Functional Check Good. All Work Accomplished Per Cirrus SR22 Amm Ch. 24-30.

The aircraft, airframe aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Tate Hall
Date: 03-10-2021
MidAmerica Aircraft Services, LLC • CRS#: 8MCR521C • #1 Bullfrog Blvd • Owensboro, KY 42301

23 MAR 2021			Tach 1487.2				Removed ALT #1 Replaced with overhauled alternator Hartzell ES6024D SN A2130577 Replaced elastomer gear P/N 64668 SN AA77. Torqued elastomer to 350"lb. checked rotation turn OK. operation OK A&P3053155IA
14 June 21			1572.1				Replaced Both main tires + Brake pads on R main wheel. used Goodyear tires 15.6-c and 15.6-c on C tires and to 62 PSI Both main checked OK A&P3053155IA
							23 June 21 1580. Replaced Both nose wheel bearings, checked nose turn rotation OK. 23 June 21 checked strut Assy for crack cracks none noted. A&P3053155IA
							3 AUG 21 1624.5 Removed ALT #1 Replaced with overhauled alternator Hartzell ES6024D SN A21813. Torqued elastomer gear to 325 in-lb. brake turn torque checked OK. operation OK A&P3053155IA

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Date: 13 May 2021

Make: Cirrus

Model: SR22

S/N: 1568

Logbook Entry

Tach: 1563.3

Reg N411HZ

Performed 100hr inspection in accordance with Cirrus SR22 MM and FAR 43 Appendix D. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. . checked control rigging and lubricated airframe serviced hydraulics, battery and wheels as required. Performed ELT Inspection in accordance with FAR 91.207 par D 1-4. ELT Battery Next Due: 03:2024, complied with ICA LSM-500-082-Rev S by op check and inspection per instructions in ICA next due 1346.1 completed pull test on nose pivot. No new AD'S as of 13 May 2021.

I certify this aircraft has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus MM 05-20 checklist and found to be in Airworthy condition at this time.

Danny D Keeton
A&P3053155

14 June 21 1572.1 Replaced Both main tires + Brake pads on R main wheel. used Goodyear tires 15.6-c and 15.6-c on C tires and to 62 PSI Both main checked OK A&P3053155IA

23 June 21 1580. Replaced Both nose wheel bearings, checked nose turn rotation OK. 23 June 21 checked strut Assy for crack cracks none noted. A&P3053155IA

3 AUG 21 1624.5 Removed ALT #1 Replaced with overhauled alternator
Hartzell ES6024D SN A21813. Torqued elastomer gear to 325 in-lb. brake turn torque checked OK. operation OK A&P3053155IA

Date: September 9, 2021

Make: Cirrus

Model: SR22

S/N: 1568

Airframe Logbook Entry N411HZ

Tach: 1664.3

Performed 100 hour inspection IAW FAR 43 Appendix D and Cirrus SR22 MM. 100 hour was overflowed by 1.0 hours*. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. Checked control rigging and lubricated airframe, serviced hydraulics, battery and wheels as required. Performed ELT Inspection IAW FAR 91.207 part D 1-4. ELT battery next due 03/2024. Complied with ICA LSM-500-082-Rev S by op check and inspection per instructions in ICA at next 100 hour inspection. Completed pull test on nose pivot. No new AD'S as of biweekly 2021-18.

I certify this airplane has been inspected IAW 100 hour inspection IAW FAR 43-13 Appendix D and found to be in airworthy condition.

Danny D Keeton A&P3053155IA
*Note New 100 HR time is 1763.3 (Due) A&P3053155IA

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

Date: November 12, 2021

Airframe Logbook Entry

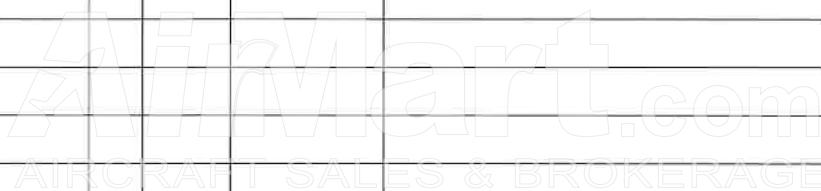
N411HZ

Make: Cirrus Model:SR22 S/N: 1568

Tach: 1720.2

Performed Annual inspection IAW FAR 43 Appendix D and Cirrus SR22 MM. Opened inspection panels, inspected and serviced aircraft in accordance with Cirrus MM as a guide. Checked control rigging and lubricated airframe, serviced hydraulics, battery and wheels as required. Performed ELT Inspection IAW FAR 91.207 part D 1-4. ELT battery next due 03/2024. Complied with ICA LSM-500-082-Rev S by op check and inspection per instructions in ICA at next at 1820.2. Completed pull test on nose pivot Replaced orings (M83462/1-222)in Brake calipers. No new AD'S as of biweekly 2021-23. Issuance of this airframe, currently installed engine, propeller and appliances have been complied with. (Reference attached compliance reports.) I certify this Aircraft has been inspected in accordance with FAR 43-13 Appendix D Annual inspection and determined to be in an airworthy condition.


 Danny D Keeton A&P3053155IA


 AIRCRAFT SALES & BROKERAGE

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TOTALS

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Airframe Logbook

Date: 04/25/2022



Reg No: N411HZ	Aircraft Type: SR22	Aircraft S/N: 1568
Flight: 1765.5	Hobbs: 1610.3	Aircraft Total Time: 1765.5

1. Removed and reinstalled prop for Engine overhaul, Model number: J3yF1RF S/N: FP 39482B (Hub)
2. Installed new alerion Gap seals P/N: 14390-003
3. Installed new nose gear rebound bumper P/N: 18380-001
4. Removed old number 2 batteries and installed new Date on batteries 12/21/21 and installed on 4/25/2022.
5. Installed new Wellnuts on RH landing upper gear fairing. P/N: 50803-001
6. Operational and leak check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 4/25/2022

Signed: 

Nathan Parton, A&P: 4368564

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
Avionics West, Inc. dba Avwest Atlanta 1723 McCollum Parkway Hangar 430 Kennesaw, GA 30144 Tel: 678-354-6255 Fax: 678-354-6248 WO# 2700 DATE: 8/15/18 N# 411HZ A 2 year IFR Certification was performed on this aircraft. Complies with FAR 43 appendix E and F, FAR 91.411, FAR 91.413. Altimeter tested per FAR 43 appendix E section (b). This A/C and/or component was repaired and inspected in accord w/ current FARs and is approved for return to service. Signed <u>[Signature]</u> -CRS# VWIR654K		

Date: 08/25/2020 Aircraft: N411HZ S/N 1568 Time: HO985:1112.6

The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 20,000 feet.

The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

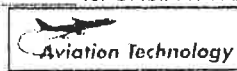
#1 Altimeter/ADC P/N 700-00005-000 S/N D1262
 #2 Altimeter/ADC P/N 5934D-3 S/N 415826
 #3 Altimeter/ADC P/N N/A S/N N/A

Date Altimeters/ADCs Tested: 08/25/2020

#1 Transponder P/N 001-03302-00 S/N 3EG031943
 #2 Transponder P/N N/A S/N N/A

The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # A4083

Signed [Signature] for CRS# AYTR297X



Reg No: N411HZ Aircraft: CIRRUS SR22 0213

Serial No: 1568 Work Order: 225096

I HEREBY CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 WAS PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E.

ADC ALTIMETER TESTED TO 20,000 FEET
 STANDBY ALTIMETER TESTED TO 20,000 FEET

SYSTEM TEST DATE 5-9-2022

I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 WAS PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

MAKE: GARMIN MODEL: GTX-345 SERIAL NO: 3EG031943

SYSTEM TEST DATE 5-9-2022

TESTED BY [Signature] # R81R199Y
 KENNETH REAMS

Thoroughbred Aviation Maintenance
 4316 Hangar Dr.
 Lexington, KY 40510
 FAA CRS #R81R199Y

TOTAL - CARRY FORWARD TO NEXT PAGE



Thoroughbred Aviation Maintenance, Inc.
FAA CRS# R81R199Y
Airframe

Date: 06/MAY/2022
AC: N411HZ

WO: 225068
Type: Cirrus SR22

AC SN: 1568

Tach: -----

Hobbs: 1616.9

1. Removed the S-TEC-55X Autopilot Controller PN 01192-34-61T-30 SN 0644-10704. Installed Avidyne DFC90 Digital Flight Controller PN 700-00170-000 SN M220517523 IAW Avidyne STC#SA00296BO dated June 18 2010, amended June 27 2013. and wired per instructions set forth in Avidyne Service Bulletin 601-00170-007 Revision 00 Dated January 16, 2012. All interfaces checked and verified per the Service Bulletin. Configured DFC90 Digital Flight Control System IAW the Avidyne Post installation Configuration and Testing Document #AVDFC-096 Revision 02 dated 09/02/2014. Operationally checked good on ground.
2. Removed Primary Flight Display PN 700-00006-000 SN D1262 for not incorporating Modification 55 and Software level for the DFC90 Autopilot System per Avidyne Post Installation Configuration and Testing Document #AVDFC-096 revision 2 dated 09/02/2014.
3. Installed Repaired Primary Flight Display PN 700-00006-000 SN 20576445 with Modification 55 and correct Software level per Avidyne Post Installation Configuration and Testing Document #AVDFC-096 Revision 02 dated 09/02/2014. for the DFC90 Autopilot System. Functionally checked good.
4. No affect on Weight and Balance.
5. See FAA Form 337 dated May 6 2022 for details of STC installation.
6. Inserted Avidyne DFC90 Digital Flight Control System AFMS into aircraft.

-----END-----

I certify that this aircraft was repaired/inspected/serviced utilizing the Cirrus SR22 Technical Publications and standard practices referencing the AC43.13-1b.

MAINTENANCE RELEASE

The aircraft identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order: 225068 Date: 06/MAY/2022

Signed:

For CRS: R81R199Y



Thoroughbred Aviation Maintenance, Inc.
FAA CRS# R81R199Y

Airframe

Date: 5/11/2022
AC: N411HZ
Aircraft: SR22

WO: 223152
AC SN: 1568
Eng. SN: 917812

Hobbs: 1617.2
Eng.: IO-550-N
Engine TT: 1617.2

1. Performed operational check of ELT per FAR 91.207 (D). Ops check good. Batteries Due: 03/2024
2. Completed all lubrications as required.
3. Removed and replaced TKS filter with new. P/N: 26115-101 Secured as removed.
4. Removed, Cleaned & Reinstalled Fuel Strainer, with new Packings.
5. Removed tires, inspected brakes, and cleaned bearings. No defects noted.
6. I certify this Airframe has been inspected IAW Cirrus SR 22 Annual Inspection Program, as well to include the scope and detail of 14 CFR FAR Part 43 Appendix D and found to be Airworthy.

-----End-----

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 223152 Date: 5/11/2022 Signed: For CRS:

R81R199Y

Abilene Aero Inc.

N411HZ

WO24-23138

Removed and replaced line cutters Part number 25347-002 S/N23776 and 23867
mfg 9/23 Installed. Removed line cutters S/N 12660 AND 12677

2850 Airport Blvd. Abilene

Date: 6/19/2024

Airframe log

TX 79602

A/C Flight Hobbs:1866.9

LICENCE:
AME or
AMO/ACA

Nate Loflin AP3669831

Approved for return to service
For work completed

Date: 10/29/2024

Hours: HOBBS:1753.4

Tail#: N411HZ

FLIGHT: 1870.0

Make: Cirrus

Model: SR22

S/N: 1568

Installed new Concorde RG-24-15M S/N 41414640 battery. Test run aircraft for proper operation.

Name: Thomas Hanning

Co: T3 Aerosports.LLC

Cert: 3222219A&P

Sign: [Signature]

Section 1: Airframe Log

DATE				AIR TIME		LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)			
DAILY TOTAL		TOTAL		DAILY TOTAL		TOTAL					
HRS	MIN	HOURS	MIN	HRS	MIN	HOURS	MIN				
hangersixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032 Make Cirrus Model SR22 Serial Number 1568 Registration N411HZ Flight Hobbs 1812.1 Engine TSO 46.6 Hobbs 1677.4 Date 4-14-2023 Aircraft TT: 1812.1 Prop TSN 1812.1											
Inspected Aircraft per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Inspected ELT per FAR 91.207(d). Replaced ELT batteries with new. Installed new ELT batteries. Next due March 2032. Installed new O-rings on Brake Calipers M8461/1-222. C/W ICA LMS-500-082 Rev V. C/W nose wheel pull test on nose pivot, 25lbs. Replaced right brake hose. Serviced Brake Hydraulic Reservoir. Replaced induction air filter with new BA24. Serviced Anti-icing reservoir. Cleaned and inspected fuel gascolator. Cleaned and inspected Wolf oil/air separator per Wolf ICA. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy.											

hangersixllc@gmail.com Hangar 6 Aircraft Maintenance LLC 405-365-3032							
Make	Cirrus	Model	SR22	Serial Number	1568		
Registration	N411HZ	Flight Hobbs	1831.0	Engine TSO	65.5	Hobbs	
Date	4-14-2023	Aircraft TT:	1831.0	Prop TSN	1831.0		
Replaced #2 Alternator pad gasket with new. Cleaned grounding terminals at the grounding bar and MCU grounding stud. Cleaned #2 Alternator connectors in the engine compartment and at the #2 battery.							

Make	Cirrus	Model	SR22	Serial Number	1568		
Registration	N411HZ	Flight Hobbs	1865.5	Engine TSO	100.0	Hobbs	1677.4
Date	06-01-2024	Aircraft TT:	1865.5	Prop TSN	1865.5		
Inspected Aircraft per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Inspected ELT per FAR 91.207(d). ELT batteries replacement next due March 2032. Replaced EMA 5083589-421, next replacement/overhaul due 5/2031. Installed new M8461/1-222 O-rings and 66-105 Brake linings on Left and Right Brake Caliper assemblies. C/W SB2X-05-02- Induction duct flapper Bolt by replacement with AN3-34, next due at TT: 2365.5 or 5/2026, whichever occurs first. Replaced Air induction pin 14626-002. Replaced #2 batteries 50979-001. Replaced various well nuts 50803-001 on main gear upper fairings. C/W ICA LMS-500-082 Rev V. C/W nose wheel pull test on nose pivot, 25lbs. Serviced Brake Hydraulic Reservoir and bleed brakes as required. Replaced induction air filter with new BA24. Cleaned and inspected fuel gascolator, installed new O-ring MS29513-137 and new Stat-O-Seal NAS1523-8B. Cleaned and inspected Wolf oil/air separator per Wolf ICA. Performed ground operational checks. C/W AD 06-21-03- per SB 2X-32-14R1 by Inspected and Replaced Left and right brake caliper piston O-rings and replaced Brake temperature yellow and blue indicators per SB 2X-05-01. Next due at TT: 1965.5 or Annual, whichever occurs first. This aircraft has been inspected in accordance with an Annual inspection and the discrepancy list dated 06-1-01- 2024 has been provided to the owner. (1) CAPS Line Cutter Replacement due.							

Make	Cirrus	Model	SR22	Serial Number	1568		
Registration	N411HZ	Flight Hobbs	1865.5	Engine TSO	100.0	Hobbs	1677.4
Date	06-14-2024	Aircraft TT:	1865.5	Prop TSN	1865.5		
This Aircraft has been inspected and has been found safe for flight intended in accordance with Special Flight permit AWC application 06132024-922							


Make	Cirrus	Model	SR22	Serial Number	1568		
Registration	N411HZ	Flight Hobbs	1871.7	Engine TSO	106.2	Hobbs	1755.6
Date	09-05-2025	Aircraft TT:	1871.7	Prop TSN	1871.7		

Inspected Aircraft per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Inspected ELT per FAR 91.207(d). ELT batteries replacement next due March 2032. Replaced various well nuts 50803-001 on main gear upper fairings. C/W ICA LMS-500-082 Rev V. C/W nose wheel pull test on nose pivot, 25lbs. Serviced Brake Hydraulic Reservoir and bled brakes as required. Cleaned and inspected fuel gascolator, installed new O-ring MS29513-137 and new Stat-O-Seal NAS1523-8B. Cleaned and inspected Wolf oil/air separator per Wolf ICA. Replaced various well nuts on main gear upper fairings. Performed ground operational checks. C/W AD 06-21-03- by inspection of brake temperature indicators per SB2X-05-01. I certify this aircraft has been inspected in accordance with a Annual Inspection and was determined to be Airworthy

James Neo

IA 3116360 AP


STBY ALTIMETER SCALE CORRECTION CARD

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-980	14000	13900
0	-20	16000	15900
500	480	18000	17920
1000	980	20000	19920
1500	1480	22000	-----
2000	1980	25000	-----
3000	2990	30000	-----
4000	3980	35000	-----
6000	5980	40000	-----
8000	7940	45000	-----
10000	9920	50000	-----
12000	11920		
Tested By: 		N411HZ	Date: 11-05-25



Thoroughbred Aviation Maintenance, Inc.
4316 Hangar Drive
Lexington, KY 40510
FAA CRS # R81R199Y

ADC SCALE CORRECTION CARD

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-990	14000	14000
0	0	16000	15990
500	500	18000	17990
1000	1000	20000	19990
1500	1500	22000	-----
2000	2000	25000	-----
3000	3000	30000	-----
4000	4000	35000	-----
6000	6000	40000	-----
8000	8000	45000	-----
10000	10000	50000	-----
12000	12000		
Tested By: 		N411HZ	Date: 11-05-25



Thoroughbred Aviation Maintenance, Inc.
4316 Hangar Drive
Lexington, KY 40510
FAA CRS # R81R199Y



THOROUGHbred AVIATION MAINTENANCE, INC.
4316 HANGAR DRIVE
LEXINGTON, KY 40510
CRS#R81R199Y

SYSTEM TEST DATE: 11-05-25 WORK ORDER: A25226 TACH: ----- HOBBS: 1762.5

AIRCRAFT REG# N411HZ AIRCRAFT SERIAL #: 1568

AIRCRAFT MAKE/MODEL: CIRRUS SR22

I HEREBY CERTIFY THAT THE ALTIMETER, ENCODER, AND STATIC SYSTEM TESTS/INSPECTIONS REQUIRED BY 14 CFR §91.411 HAVE BEEN PERFORMED AND MEET SPECIFICATIONS SET FORTH IN 14 CFR 43 APPENDIX E.

ADC TESTED TO 20,000 FEET

STBY ALTIMETER TESTED TO 20,000 FEET

ALTITUDE ENCODER TESTED TO 20,000 FEET

I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST/INSPECTION REQUIRED BY 14 CFR §91.413 WAS PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

#1 TRANSPONDER MAKE: GARMIN MODEL NUMBER: GTX 345 SERIAL NUMBER: 3EG031943

TESTED BY:  Cert# 4136889