

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

N927CD  
**AIRFRAME  
MAINTENANCE  
RECORDS**



# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N927CD

Aircraft Mfg. CIRRUS Model SR22 Serial No. 0227

Engine Mfg. CONTINENTAL MOTORS Model IO-550-N Serial No. 679144

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. HARTZELL Model PHC-J3YF-1RF Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. FP1669B

Blade Design No. F7694 Blade Serial No's. J72019

J72121

J72133

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)



## AEROTECH PUBLICATIONS INC.

www.adlog.com  
P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359

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DATE

TOTAL TIME IN SERVICE

HOURS ON RECORDING METER TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

THIS LOGBOOK OPENED 12/15/12

**Advanced Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Dec. 14, 2012 Hobbs: 2944.1 TTAF: 2944.1 TSMOH: 407.1 TTP: 407.1 Airframe Logbook N927CD

Complied with 100 hour inspection of the airframe in accordance with FAR 43 Appendix D; using Cirrus SR22 Maintenance Manual Ch. 5-20-00 Scheduled Maintenance Checks as a guide only. Complied with 100 hour lubrication schedule requirements as per maintenance manual. Complied with ELT inspection in accordance with FAR 91.207 (d); ELT battery replacement is next due March 2014. Removed and replaced the following items with new; 2 p/n 156E66-4 left and right main tires, 1 p/n 302-246-401 right tire tube, 1 p/n 18380-001 puck assembly bumper, 1 p/n 51698-001 right brake temp indicator and 1 p/n 14502-003 landing light vibration mount. Removed and reinstalled nose gear fork after replacing 1 p/n 50544-001 bearing, 1 p/n 50543-001 flanged bearing, 150545-001 thrust washer, and 4 p/n 50750-01 Belleville spring washers. Removed and reinstalled pilot and copilot seats after foam replacement by Gladstone Auto Trim; see permanent records for material and flammability certificates. Determined AD2012-03-06C is not applicable by Avstar Fuel Servo is not installed. Determined AD2012-10-13 is not applicable by engine is not STC'd for turbo normalizing. ADs checked using ATP Navigator Revision 312230F-A dated 12/18/2012. I certify that I have inspected this aircraft in accordance with 100 hour inspection and that it has been determined to be in an airworthy condition at this time.



Lea S Sartin A&P3506599

**Advanced Aviation**

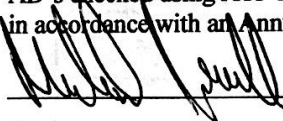
5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Dec. 14, 2012 Hobbs: 2944.1 TTAF: 2944.1 TSMOH: 407.1 TTP: 407.1 Airframe Logbook N927CD

AD's checked using ATP Navigator Revision 312230F-A dated 12/18/2012. I certify that I have inspected this aircraft in accordance with an Annual Inspection and that it has been determined to be in an airworthy condition at this time.



Michael D. Jewell AP30410761A

**Advanced Aviation**

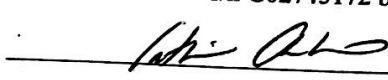
5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: Jan 3, 2013 Hobbs: 2952.0 N927CD Airframe Logbook

Removed and reinstalled left brake caliper after resealing pucks with 2 p/n MS28775-222 O-rings. Serviced brake reservoir with MIL-PRF-5606 hydraulic fluid and bled the left brake system. Set up and replaced main aircraft battery p/n G243 with new s/n G02745172 battery. Performed ground engine run for operational checks with no defects.



Catherine Chelimo AP2741924

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Kings Avionics, Inc. 1430 JET STREAM DR. SUITE # 120 HENDERSON, NV 89052 KD62661N  
 LOG ID# 4318 27-March-2013 WO# 35697/1 HOBBS 3025.8  
 N927CD S/N 0227 CIRRUS SR22 Pg 1 / 1

THIS IS A PERMANENT LOGBOOK ENTRY.  
 \*\*\*\* ITEM # 35697-1 AIRSPEED INACCURATE \*\*\*\*  
 ACTION: VERIFIED DISCREPENCY. REPLACED BROKEN STATIC 'T' FITTING, PN 264N04, IN CO-PILOT KICK PANEL. TIGHTENED UNION TIE BEHIND MFD. TESTED SYSTEM IAW FAR 43, APP E(A). SYSTEM CHECKS GOOD. FINAL INSPECTION OK.  
 GENERAL AVIATION MAINTENANCE RELEASE---THE AIRCRAFT/APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.  
 PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK ORDER #35697.

*C. R. Haskell*  
 Signed 3605470 CHRIS HASKELL

**Advanced Aviation** 5 Aero Plaza New Century, KS 66031 Phone: 913-768-1500

Date: April 4, 2013 Hobbs: 3033.6 N927CD Airframe Logbook

Removed and reinstalled right brake caliper after replacing puck O-rings p/n MS28775-222 with new, and bled the right brake system. Removed and replaced 4 ea. p/n 066-10500 brake linings on both left and right brake assemblies.

*[Signature]* Lea Sartin A&P3506599

N927CD ✦ SANTA FE **AERO SERVICES** Airframe Log

AVIONICS  
MAINTENANCE  
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 05-13-13	Make: CIRRUS	Model: SR-22	S/N: 0227
Tach: N/A	Hobbs: 3072.0	TTAF: 3072.0	

C/W AN ANNUAL INSPECTION IAW FAR 43 APPENDIX (D) INSPECTION ITEMS. RESEARCHED AD'S THROUGH 05-01-13. C/W FAR 91.207 (D) EIT INSPECTION, BATT DUE 2014. C/W CAPS PARACHUTE LINE CUTTER REPLACEMENT, INSTALLED, P/N KIT 25347-002 IAW CIRRUS AMM, NEXT DUE 2-2018. C/W SECONDARY #2 BATTERY REPLACEMENT, INSTALLED NEW BATTERIES, P/N 50979-001. INSTALLED NEW OAT BATTERY, P/N AA. RESEALED THE L/R LOWER WING ROOT FAIRINGS. INSTALLED NEW L/R NOSE WHEEL FAIRING BRACKETS, P/N 11799-002. REPAIRED FRONT L/II ENGINE BAFFLING AND INSTALLED NEW BAFFLING BRACE, P/N 13834-001. GROUND RAN, LEAK AND OPERATIONAL CHECK SATISFACTORY.

*[Signature]*  
 DANIEL GOWE A&P 558904411 N/A

This AIRCRAFT has been inspected IAW an ANNUAL INSPECTION and has been determined to be in airworthy condition and is approved for return to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 4058

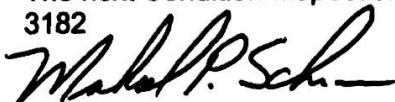
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MAKE	MODEL	DATE	
Cirrus Design Corporation	SR22	05/13/2013	
REGISTRATION	S/N	TT/TSN	LANDINGS/CYCLES
N927CD	0227	3072.6	N/A

**Log Book Entry**

I find the aircraft meets the requirements for the certification requested and have issued Special Airworthiness Certificate-Experimental for the purpose of Market Survey, dated 05/13/2013. Expiration Date: 05/12/2014. The next Condition Inspection is due: 05/13/2013 or total airframe hours: 3182



Michael P. Schuman  
DARF-636118-SW

MAKE	MODEL	DATE	
Cirrus Design Corporation	SR22	05/13/2013	
REGISTRATION	S/N	TT/TSN	LANDINGS/CYCLES
N927CD	0227	3072.6	N/A

**Log Book Entry**

I find the aircraft meets the requirements for the certification requested and have issued Special Airworthiness Certificate-Experimental for the purpose of Market Survey, dated 05/13/2013. Expiration Date: 05/12/2014. The next Condition Inspection is due: 05/13/2014 or total airframe hours: 3172



Michael P. Schuman  
DARF-636118-SW

**Advanced  
Aviation**

5 Aero Plaza

New Century, KS 66031

Phone: 913-768-1500

Date: August 30, 2013 Hobbs: 3169.0 N927CD Airframe Logbook

Removed and replaced left brake disc with new p/n 164-01501, replaced left flexible brake line with new p/n 350-4-007 and bled the left brake system. Performed an operational check and found no further discrepancies at this time.



Lea Sartin A&P3506599

**TOTAL**-Carry forward to next page

N927CD

✦ SANTA FE

# AERO SERVICES

Airframe Log

AVIONICS  
MAINTENANCE  
SALES

121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507

Date: 10-05-13	Make: CIRRUS	Model: SR-22	S/N: 0227
Tach: N/A	Hobbs: 3189.0	TTAF: 3189.0	

C/W AN ANNUAL INSPECTION IAW FAR 43 APPENDIX D INSPECTION ITEMS. RESEARCHED AD'S THROUGH 10-01-13. C/W FAR 91.207 (d) ELT INSTIECTION, BATTERIES DUE 2014. C/W CIRRUS SERVICE BULLETTIN IAW SR23X, SB 2X-27-16-R2, FLAPS MODIFICATION KIT, P/N 70255-002. REPAIRED L/R MLG WHEEL PANTS AND TOP ENGINE COWLING, PAINTED TO MATCH. GROUND RAN, LEAK AND OPERATIONAL CHECKS SATISFACTORY.



DANIEL GOWE A&P 558904411 I/A

This AIRCRAFT has been inspected IAW an ANNUAL INSPECTION and has been determined to be in airworthy condition and is approved for return to service.

Work accomplished at Santa Fe Aero Services, LLC. Reference work order # 4400

N927CD

MSN 0227

"I find that the aircraft meets the requirements for the certification requested and have issued a (standard) (~~special~~) airworthiness certificate dated 10-07-2013".

The next inspection is due 10-31-2014.



Walter P. Tidmore

DART-833267-SW

TOTAL brought forward from previous page

N# 927CD

Date 4-MAR-14

Kings Avionics, Inc.

Station #TF2R185L

The aircraft and/or component identified was repaired in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature Jerry E. Holler

Repairman # 2587433

Hobbs/Tac 3282.9

W.O.# 73113

Action: PERFORMED 91.411, 91.413 AND MODE C INTEGRATION TESTS OK!

KA Form 012

Registration # N-927CD

I certify that the following equipment and associated pitot/static systems were tested as required by FAR 91.411, FAR 43, Appendix E, FAR 23.1325, FAR 25.1325 and/or specific RVSM requirements found in \_\_\_\_\_

	Model #	S/N#
Pilot's Altimeter	<u>ASPEN EFD1000</u>	<u>12277</u>
Copilot's Altimeter		
STDBY Altimeter		
Remote Encoder/ADC		
RVSM Compliance		

MAX Test Altitude to 25000 ft. Date 4-MAR-14  
Signature: Jerry E. Holler Certificate # 2587433  
FAA Repair Station: TF2R185L Kings Avionics, Inc.  
KAForm-003

Registration # N-927CD

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 appendix F.

Transponder Model # GTX-327 SN 8373249B  
Signature: Jerry E. Holler Date 4-MAR-14  
Certificate No. 2587433 for Kings Avionics, Inc.  
FAA Repair Station TF2R185L

KA-Form-009

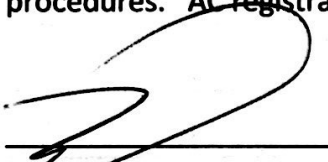
DATE	TIME IN SERVICE	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page

N927CD


SR22 SN 0227

AC TT: 3328.1

Removed old vinyl graphics and installed new vinyl graphics IAW Cirrus SR22 Service Information supplied by Cirrus Field Service. Graphics removed and installed IAW Cirrus SR22 Standard Practices and procedures. AC registration was not changed at this time.



Kelly Self A&P 2857562

<b>R &amp; D American Aviation LLC.</b>		2751 N.E. Douglas Suite B Hanger J Lee's Summit, MO. 64064 P.H. 816/525/5996 Fax 816/525/5997	
Date	Tach	Hobbs	Airframe Total Time
12/31/2014	-	3341.0	3341.0
N927CD Cirrus SR22G1 S/N 0227			
<p>Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowling, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Replaced Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 12/2017. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. Cleaned and re-oiled engine air filter Removed fuel bowl, replaced fuel screen with new P/N50908-001. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Removed L/H I/B and O/B fuel sending units sent to Air Parts of Lock Haven for overhaul. Reinstalled senders with new gaskets P/N 12638-102 torque bolts to 40 in. lbs. Removed R/H I/B fuel sender and sent to Air Parts of Lock Haven for overhaul. Reinstall fuel sender with new gasket P/N 12638-102 and torque bolts to 40 in. lbs. Removed all wheel's bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled. Replaced R/H brake disc with new P/N 164-01501. Replaced R/H &amp; L/H brake linings with new P/N 066-10500 (4 each). Replaced L/H and R/H caliper o-ring with new P/N MS28775-222. Bled brakes. Replaced brake caliper over-temp stickers with new upper P/N 51698-003 (2 ea.), lower P/N 51698-001 (2 ea.). Replaced R/H brake caliper cylinder with new P/N 061-01800. Inspected and lubed nose gear, set brake away force 24 lbs. C/W SB 2X-32-19 R2 nose landing gear assembly inspection and reinforcement by visual inspection and installation of Kit P/N 70238-001. Installed all new nose gear rubber pucks P/N 13386-001 (6 ea.), new bumper P/N 18380-001 and new lower puck bushing P/N 17481-001. Cleaned and inspected main gear. Replaced R/H middle wheel pant bracket with new P/N 13522-001. Replaced R/H upper gear leg fairing trailing edge clip with new P/N 13641-00. Replaced R/H and L/H wing root fairing foam tape with new P/N 50561-045U. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Lubricated, inspected, and ops checked engine controls, installed friction tab P/N 28304-001. Ops ok. found ok. Replaced L/H and R/H rescue fracture and remove placards with new P/N 12437-001 pilot side and co-pilot side P/N 12437-007. Replaced L/H and R/H emergency exit placards P/N 12436-002. Replaced L/H and R/H aileron trim placards P/N 12391-002 (2 ea.). Replaced pilot yoke switch plate with new P/N 11994-003 and co-pilot switch plate P/N 11994-004. Belly burn caused by exhaust tail pipe. Performed repair I/A/W Cirrus repair # CM00000866B dated 12/09/2014. Painted repaired area and installed a new exhaust shield P/N 12347-002. Installed a tail pipe turn down fabricated by Dawley Aviation A pin clamp was used to attach turn down to tail pipe. Completed a FAA form 337 as a field approval dated 12/03/2014. Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 12/31/2014.</p>			
Richard L. White A&P3162074IA. 			



TIME  
IN  
SERVICERECORDING  
METER  
TIME

SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK

**R & D American Aviation LLC.**2751 N.E. Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
02/21/2015	-	3347.1	3347.1

N927CD Cirrus SR22G1 S/N 0227

Removed inop #4 CHT probe and installed a new CHT probe P/N 14880-001. Cked. probe for ops found ok.

Richard L. White A&P3162074 *Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
04/29/2015	-	3353.9	3353.9

N927CD Cirrus SR22G1 S/N 0227

Install a new Gill battery P/N G-243 S/N G02865836 Aired tires. Repaired R/H out board wheel pant attach bushing by installing a ¼-28 heil-coil. Installed wheel pant.

Richard L. White A&P3162074 *Richard L. White***R & D American Aviation LLC.**2751 N.E. Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
01/21/2016	-	3382.0	3382.0

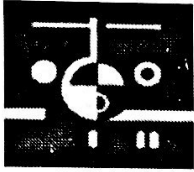
N927CD Cirrus SR22G1 S/N 0227

Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowling, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 01/2017. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. Replaced #2 batteries with new P/N 50979-001 next due 01/2018. Replaced engine air filter with new P/N CPE1178. Removed fuel bowl, cleaned fuel screen. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Replaced left and right main gear tires with new Goodyear Flight Custom III P/N 156E66-4. (2 ea.). Replaced main tires tubes with new P/N Michelin Airstop 097-500-0 (2ea.). Removed all wheel bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled wheels. Cked brakes found ok. Inspected and lubed nose gear, set brake away force 24 lbs. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Line cutters due 02/2018. Parachute and rocket motor due 01/2022. IFR due 02/2016 Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 01/21/2016.

Richard L. White A&P3162074I.A. *Richard L. White*

SERVICE TIME

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



**Duncan Aviation Inc.**

701 NW Lou Holland Dr.  
 Kansas City, MO 64116  
 CRS# JQ02194F

Phone (816) 421-1836 Fax (816) 421-1877

HOBBS: 3387.5 REG #: N927CD MAKE: CIRRUS MODEL: SR22 S/N: 0227

Performed Air Data Field Calibration of both Air Data Computers as per Aspen Avionics Tech Note 2009-02 Rev D, Document # 991-00023-001, dated April 7, 2016.

Certified ADC-1, Aspen EFD-1000, p/n 910-00001-001 s/n 12297 to 25,000 feet on 04/26/2016. Certified ADC-2, Aspen EFD-1000, p/n 910-00001-001 s/n 12257 to 25,000 feet on 04/26/2016. Leaked checked pitot and static system. Certified Garmin GTX-327 p/n 011-00490-00 s/n 83732493 on 04/26/2016. Tested and inspected static pressure system, altimeter and automatic pressure altitude reporting system in accordance with Title 14 CFR Part 91.411 and ATC transponder tests and inspections in accordance with 14 CFR Part 91.413(a) and found to comply with Title 14 CFR Part 43, Appendices E and F.

**The above described repair or maintenance is approved for return to service.**

A detailed record is on file under Work Order # 4ETUA.

Signed Roderick A Snyder <sup>DUNCAN</sup> <sub>QI 1134</sub> Roderick A Snyder  
 For Duncan Aviation CRS# JQ02194F Date: 4/26/2016

**R & D American Aviation LLC.**

2751 N.E. Douglas Suite B Hanger J  
 Lee's Summit, MO. 64064  
 P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
01/10/2017	-	3411.4	3411.4

N927CD Cirrus SR22G1 S/N 0227

Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowling, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. Replaced ELT batteries with new Duracell MN 1300 batteries. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 01/2019. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. Inspected #2 batteries found ok. next due replacement 01/2018. Inspected engine air filter found ok. Removed fuel bowl, cleaned fuel screen. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Removed all wheel bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled wheels. Cked brakes for ops found ok. Inspected and lubed nose gear, set brake away force 24 lbs. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Line cutters due 02/2018. Parachute and rocket motor due 01/2022. IFR due 04/2018. Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 01/10/2017.

Richard L. White A&P3162074I.A. Richard L. White



**R & D American Aviation LLC.**

2751 N.E. Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
02/15/2018	-	3436.2	3436.2

N927CD Cirrus SR22G1 S/N 0227

Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowlings, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. Replaced ELT batteries with new Duracell MN 1300 batteries. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 02/2021. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. Inspected engine air filter found ok. Removed fuel bowl, cleaned fuel screen. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Replaced L/H brake caliper bleeder screw and seat with new P/N 079-00300, 081-00100. Bled brake. Ckd brakes for ops. found ok. Removed all wheel bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled wheels. Inspected and lubed nose gear, set brake away force 24 lbs. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Line cutters due 02/2018. Parachute and rocket motor due 01/2022. IFR due 04/2018. Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 02/15/2018.

Richard L. White A&P3162074IA. *Richard L. White*

**R & D American Aviation LLC.**

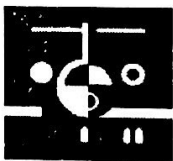
2751 NE Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
03/02/18	-	3438.8	3438.8

N927CD Cirrus SR22 S/N 0227

Removed line cutters and installed new line cutters P/N 26707-001 (2 ea.) S/N 12582 and 12632. Line cutters next due replacement 03/2024.

Darrell Yelton A&P 3621263 *Darrell Yelton*



**Duncan Aviation Inc.**

701 NW Lou Holland Dr.  
Kansas City, MO 64116

CRS# JQ02194F

Phone (816) 421-1836 Fax (816) 421-1877

HOBBS: **3454.6** REG #: N927CD MAKE: CIRRUS MODEL: SR22 S/N: 0227

Certified ADC-1, Aspen EFD-1000, p/n 910-00001-001 s/n 12297 to 25,000 feet on 10/25/20168. Certified ADC-2, Aspen EFD-1000, p/n 910-00001-001 s/n 12257 to 25,000 feet on 10/25/2018. Leaked checked pitot and static system. Certified Garmin GTX-327 p/n 011-00490-00 s/n 83732493 on 10/25/2018. Tested and inspected static pressure system, altimeter and automatic pressure altitude reporting system in accordance with Title 14 CFR Part 91.411 and ATC transponder tests and inspections in accordance with 14 CFR Part 91.413(a) and found to comply with Title 14 CFR Part 43, Appendices E and F.

The above described repair or maintenance is approved for return to service.

A detailed record is on file under Work Order # 69JZA.

Signed *Roderick Snyder* DUNCAN QI 1134 Roderick A Snyder  
For Duncan Aviation CRS# JQ02194F Date: 10/25/2018

<b>R &amp; D American Aviation LLC.</b>		2751 N.E. Douglas Suite B Hanger J Lee's Summit, MO. 64064 P.H. 816/525/5996 Fax 816/525/5997	
Date	Tach	Hobbs	Airframe Total Time
03/01/2019	-	3460.0	3460.0
N927CD Cirrus SR22G1 S/N 0227			
<p>Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowling, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 02/2021. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. Replaced #2 batteries with new P/N 50979-001. #2 batteries next due replacement 03/2021. Inspected engine air filter found ok. Removed fuel bowl, cleaned fuel screen. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Cked brakes found ok. Removed all wheel, removed wheel bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled wheels. Inspected and lubed nose gear, set brake away force 24 lbs. Replaced muffler with overhauled muffler P/N 14694-002 S/N 184993. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Line cutters due 10/2024. Parachute and rocket motor due 01/2022. IFR due 10/2020. C/W AD 93-05-06 (04/29/1993 ACS ignition switch by inspection and installing service kit P/N A-3650-2 AD next due 3660.0 Hobbs. Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 03/01/2019.</p>			
Richard L. White A&P3162074I.A. <i>Richard L. White</i>			

<b>R &amp; D American Aviation LLC.</b>		2751 N.E. Douglas Suite B Hanger J Lee's Summit, MO. 64064 P.H. 816/525/5996 Fax 816/525/5997	
Date	Tach	Hobbs	Airframe Total Time
12/30/2019	-	3484.8	3484.8
N927CD Cirrus SR22G1 S/N 0227			
<p>Removed #1 and #2 Garmin 430W sent to Butler Avionics software up date. See butler repair work order #70336 and 70337 dated 12/18/2019 for work done. Installed a Garmin GDL 82 P/N 011-03946-40 S/N 4P005483 for ADSB out. Mounted unit under pilot front floor board inspection panel. Ran RG400 coax from GDL 82 to transponder, ran RG400 coax from GDL 82 transponder antenna. Fabricated wiring harness wired GDL 82 to #2 Garmin 430W RS232 port 4 Pins 54 and 55 and time mark out pin 16 For position source. Wired power to 5 amp #2 GPS circuit breaker. Configure port 4 in and out to ADSB traffic. Ran power and ground. Configure The GDL 82 to GNS series. This installation was done using the Garmin GDL 82 install manual. AC 43.13 -2A Chapter 2&amp;3 as reference. This installed ADS-B out system was shown to meet the equipment performance requirements of 14 CFR section 91.227. Completed FAA form 337 dated 12/30/2019 Revised weight and balance and equipment list.</p>			
Richard L. White A&P3162074 <i>Richard L. White</i>			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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### R & D American Aviation LLC.

2751 N.E. Douglas Suite B Hanger J  
Lee's Summit, MO. 64064  
P.H. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Airframe Total Time
04/01/2020	-	3489.5	3489.5

N927CD Cirrus SR22G1 S/N 0227

Opened all panels, inspected and lubed pulleys, bushings, bellcranks and flight controls, found ok. Inspected, wings and fuselage, cowling, and fairings for de-bonding, none noted. Inspected windows and windshield, checked ok. Checked all cable tensions, found ok. Checked for ops Nav lights, strobes, landing lights, stall warning system and panel lights, found ok. C/W FAR 91.207 (d) ELT ops check, found ok. ELT battery next due 03/2021. Cleaned, inspected, serviced, and charged #1 aircraft battery, checked ok. #2 batteries next due replacement 03/2021. Removed engine air filter cleaned, inspected and re-oiled filter. Removed fuel bowl, cleaned fuel screen. Reinstalled fuel bowl with new seals P/N MS29513-137 (1 ea.) and NAS1523-8B (1 ea.), checked for leaks, none noted. Checked fuel tank vents for ops, found ok. Replaced L/H and R/H brake lining with new P/N066-10500 (8 ea.). Cked brakes for ops. found ok. Removed all wheel, removed wheel bearings, cleaned, and inspected. Repacked all wheel bearing and reinstalled wheels. Inspected and lubed nose gear, set brake away force 24 lbs. Pressure tested exhaust system, checked for cracks, none noted. Lubed all slip joints mouse milk. Line cutters due 10/2024. Parachute and rocket motor due 01/2022. IFR due 10/2020. AD 93-05-06 (04/29/1993 ACS ignition switch by inspection next due 3660.0 Hobbs. Used Cirrus inspection guide of section 5-20 of Cirrus maintenance manual as reference for this inspection. I certify that this aircraft has been inspected I/A/W an Annual inspection and has been determined to be in an airworthy condition this date 04/01/2020.

Richard L. White A&P3162074I.A.

*Richard L. White*

### Achievement Aviation LLC

Facility Address:  
Lakefield Airport  
6177 St Rd 219  
Celina, OH 45822

September 3, 2020    N927CD    Cirrus SR22    Hobbs time: 3498.5

- (1) Troubleshoot massive static leak. Found deteriorated and broken flex hose from nylo-seal tee to rear of Aspen MFD. Replaced static line from final tee to rear of Aspen with new Nylo-Seal tubing.
- (2) Troubleshoot pitot leak. Found deteriorated hose from nylo-seal tee to both Aspen displays. Replaced nylo seal tee with Nylo Seal 264N-04 tee and tubing to rear of both Aspen displays with nylo-seal tubing.
- (3) After this work was performed, pitot and static system leak tests were performed by CRS9FDR993C per work order A316. Pitot system leak was 0.0 knots per minute, Static system proof test was 03 fpm.

Joshua L Johnson

*Joshua L Johnson*  
2861559 A&P

SUB-TOTAL this page

TOTAL-Carry forward to next page

# Achievement Aviation of Ohio

Page No. \_\_\_\_\_

CRS 9FDR993C

Facility Address:

6177 St Rd 219

Hangar 51

Celina, OH 45822

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

September 3, 2020    N927CD    Cirrus SR22    Hobbs time:3498.5

I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F.

Alt 1 Model:Aspen EFD1000    Alt 2 Model: Aspen EFD1000    Transponder Model:Garmin GTX327    Encoder Model:ACK A30.3

Serial No. 12297    Serial No. 12257    Serial No. 83732493    Serial No. 77807

Performed air data cal of Aspen SN 12257 per Aspen TN 2009-09 Rev G dated 2/8/2019 then performed 91.411 test on unit.

The altimeters were tested to 20,000 feet on this date.

The transponder was tested on this date.

Encoder data correspondence was tested to 20,000 feet on this date. Static system leak tested on this date.

Details of the inspection are on file at the repair station under work order A316

September 3, 2020    Certified Repair Station 9FDR993C    Signature: 

## AIRFRAME LOG

N927CD

11-5-2020

Make: Cirrus  
Hobbs: 3498.5



S/N: 0227  
Model: SR22  
Tach:

1. Replaced rear cabin window with new W/G-2269-2064
2. Replaced nose tire with new
3. Removed engine mount assy for repair, reinstalled after repair by Aerospace Welding CRS# UWDR792L
4. C/W SB 2X32-19R3, inspection of nose gear assembly, found one crack in the upper gusset plate. Found to be within limits of SB 11, D (1). Reinspect in 100 hours
5. Replaced nose gear pucks with new
6. Replaced landing light lens with new
7. Replaced hand held fire extinguisher with new
8. Repaired lower cowling as required
9. Repaired right wheel pant as required
10. C/W Steel Aviation Pre-Purchase Inspection form

Kevin Pierron A&P 3343189IA



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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WELLS AIRCRAFT, INC.  
800 AIRPORT ROAD  
MUNICIPAL AIRPORT  
HUTCHINSON, KS 67501-1953  
CRS NT2R043L  
(620)663-1546  
www.wellsac.com

Date: **12-08-2020**  
Work Order: **S9235**  
N927CD S/N 22-0227  
  
Hobbs Meter: **3508.5**  
Total Time: **3508.5**

**AIRFRAME LOG**



Removed rudder trim tab, reworked and reinstalled with cherry rivets P/N CR3213-4-01 (4). Inspected pilot & co-pilot door handle mechanism for correct operation. Replaced pilot & co-pilot door struts P/N 18200-005 (2). Replaced all door seals with as removed seals. Performed oil and filter change see engine log this date.  
All work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-001 Rev. B8.  
Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*  
Chad J. Koehn / CRS Release Authority



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Date: **12-31-2020**  
Work Order: **R8727**  
N927CD S/N 22-0227  
  
Hobbs Meter: **3523.2**  
Total Time: **3523.2**

**AIRFRAME LOG**



Replaced pilot's yoke PTT switch with new P/N 50339-001. Work was performed with reference to CDC SR22/22T AMM P/N 13773-001 Rev. B8, sec. 27-10. Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Nathaniel Hershberger*  
Nathaniel Hershberger IA#3271622 for CRS NT2R043L



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Date: **01-07-2021**  
Work Order: **S9257**  
N927CD S/N 22-0227  
  
Hobbs Meter: **3526.6**  
Total Time: **3526.6**

**AIRFRAME LOG**



Replaced rudder trim tab P/N 12934-002 using cherry rivets P/N CR3213-4-01 (4). Removed inside door panels, inner door handles, actuator assemblies and outer door handle. Per Cirrus field service: ground area around backside of door handle main shaft housing, then used Loctite EA9430 epoxy adhesive to fill in area. After epoxy cured filed flush with main shaft housing. Cleaned all parts, removed burrs, checked fit and lubricated moving parts. Reassembled outer door handles, actuator assemblies, checked for operation with outside door handles, reinstalled inside door panels and door handle. Replaced both wellnuts P/N E632 (2) and screws in LH inside upper door pull.

All work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-001 Rev. B8.  
Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*  
Chad J. Koehn / CRS Release Authority


TE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date: **02-12-2021**  
Work Order: **S9281**  
N927CD S/N 22-0227  
  
Hobbs Meter: **3540.5**  
Total Time: **3540.5**

AIRFRAME LOG



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D; with reference to CDC SR22/22T AMM P/N 13773-001 Rev. B8. Replaced ELT batteries P/N MN1300 (8). C/W FAR 91.207(d) by inspection and functional check, found satisfactory; next ELT battery replacement due 03/2030. Stop drilled crack in LH rear baffle. Trimmed nose wheel fairing for clearance. Adjusted rudder trim tab as needed. Cleaned all ground cable connections installed 5/16 + 18 helicoil to repair bolt hole for ground cable. Secured LH rear window and resealed. Replaced pilots side LH brake master cylinder with as removed unit P/N 10-24C. Repaired pilots side RH brake master cylinder using new "O" rings P/N MS28775-113 (2). Adjusted rudder/aileron interconnect travels to within acceptable limits. Replaced "O" rings in LH & RH brake calipers P/N MS28775-222 (4). Replaced yellow temp. sticker on RH caliper P/N 51698-003. Replaced main battery P/N RG24-11M, S/N 41121872. Realigned LH aileron outboard hinge attach bracket and installed new rivets P/N CCR264CS-3-4 (2). Replaced wellnuts on RH main landing gear fairing P/N 50803-001 (2). Installed new door handle placards on cabin doors P/N 15592-001 & 15592-002. Replaced bushing on pilot side inner door handle P/N MS1-0305-02. Aspen EFD 1000 external backup battery passed test. Replaced battery #2 P/N PS-1270 (2), (Tested by Wells Aircraft Inc.). Reattached loose upholstery on glareshield. Performed magnetic compass calibration and installed new correction card.

- Complied with SB2X-52-05R2 (Aileron hinge bearing and gap inspection) Verified previous compliance by visual inspection. No action required at this time.

All applicable ADs complied with at this time.

All work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-001 Rev. B8. Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*  
Chad J. Koehn / CRS Release Authority



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(620)663-1546  
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Date: **03-22-2021**  
Work Order: **S9292**  
N927CD S/N 22-0227  
Hobbs Meter: **3543.0**  
Total Time: **3543.0**

AIRFRAME LOG



Cleaned J900/P900 and J901/P901 connectors on Sensor Interface Unit. Checked ground in J900 connector to fire wall-is satisfactory. Found J950 to P950 connector lock collars loose, tightened and safety wired. Found J110/P110 lock collar loose, tightened and safety wired. EGT sensors are erratic indication of grounding issues. Additionally bench tested ALT 1 reinstalled with new gasket P/N 653981 and cotter pin P/N MS24665-302. Checked voltage bleed and found to be .019 volts in system within limits. Removed MCU cover and cleaned and tightened several connections on Alt 1 lug and 100AMP fuse base and output connections. Installed additional ground straps from Starter adapter to fire wall, MCU to fire wall and ALT 1 to engine case to pick up additional grounds. Ground run operations and test flight completed. Replaced 4 new RH side Rivets P/N CR3213-4-02 (4). Replaced Alt #1 field control module P/N 29435-002, S/N 8540. Replaced Alt #2 field control module P/N 29434-003, S/N 7878. Replaced diode block P/N 51130-001 in MCU. Installed new CAPS safety pin P/N 25322-001. Removed MCU P/N 16600-001, S/N 00807 sent to Cirrus for testing, reinstalled MCU after Cirrus test.

-Complied with SB2X-34-08R1 (Installation of ground wire to the OAT probe) by installing new ground wire per SB. Verified resistance to OAT probe is less than 2 ohms. Added 1qt. of 80W oil to engine.

All work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-001 Rev. B8. Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*  
Chad J. Koehn / CRS Release Authority



**AIRFRAME LOG**




3/12/2022

Reg: N927CD  
Make: CIRRUS  
Hobbs: 3808.9

S/N: 0227  
Model: SR22  
Tach: \_\_\_\_\_

1. R&R MCU 120 with O/H unit P/N 16600-011S S/N 02123.
2. R&R Aspen PFD battery P/N 409-0003-001 S/N 192800117, IAW Document 900-00012-002 section 14.
3. Replaced PFD switch in breaker panel.

  
Signed A/P3939968 Brad Helman



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**AIRFRAME LOG**



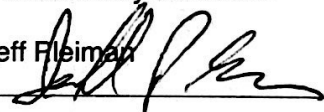
Date: 4/10/2022  
Reg: N927CD  
Make: CIRRUS  
Hobbs: 3808.9

S/N: 0227  
Model: SR22  
Tach: N/A

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D using aircraft manufactures AMM as a guide.
2. C/W ELT inspection IAW FAR 91.207(D). no Defects noted. Next inspection due 04/2024.
3. R&R NEW RT-A600.
4. Adjusted cabin heat control.
5. Safty wired encoder.
6. Installed grab here placards.
7. R&R NLG wheel fairing braket P/N 11799-002.
8. C/W SB2X-05-01 Brake Assembly O-Ring Replacement Interval.
9. C/WSB2X-27-18R2 Rudder Interconnect assy Removal.

I certify that this AIRFRAME has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition.

A/P33034191/A Jeff Pleiman



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**AIRFRAME LOG**



Date: 4/10/2022  
Reg: N927CD  
Make: CIRRUS  
Hobbs: 3808.9

S/N: 0227  
Model: SR22  
Tach: N/A

1. R&R RH/LH brake lining P/N 066-10500.

  
A/P38034191/A Jeff Pleiman

Blank lined area for additional notes or signatures.