

# MAINTENANCE RECORD F.A.R. 43.9

FUNCTION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURNED
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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 22-3178  
REG NO: 828LE  
WORK ORDER:  
12338-12-2008



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3438

DATE: 12/2/2008  
A/C TSN: 6.6  
HOBBS: 6.6

#### Airframe Entries

(4) (FLT TIME: 3.7 Hrs.) Buffed windscreen with P-210 cleaner/polish I.A.W. CDC AMM 12-20... (5) Installed leading edge protection on NLG fairing I.A.W. Manufacturers Instructions.

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: 12/2/2008

SIGNED:

Karl Hagglund  
Certified Repair Station No. YD5R855Y

Work Order: 12338-12-2008

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MAKE: Cirrus  
MODEL: SR22 G3  
S/N: 3178  
REG. NO: 828LE  
WORK ORDER:  
12345-12-2008



### Cirrus Design Factory Service Center

Repair Station No. YD5R855Y  
4515 Taylor Circle  
Duluth, MN 55811  
Phone: 218- 788-3438

DATE: 12/4/2008  
A/C TSN: 11.1  
HOBBS: 11.1

#### Airframe Entries

(5) (FLT TIME: 6.9 Hrs.) Adjusted fit of RH wingroot fairing access panels IAW CDC SR22 MM 57-30... (6) Removed and Replaced LH and RH, IB and OB, Fuel Potentiometer's P/N 18484-301 and calibrated fuel system. All work done IAW SR-22 AMM 28-40.

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: 12/4/2008



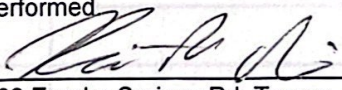
SIGNED:

Peterson, Daniel J  
Certified Repair Station No. YD5R855Y


Work Order: 12345-12-2008

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## 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
		 <b>LEADING EDGE</b> AVIATION SERVICES, INC. <b>Tampa, FL</b>	 <b>CIRRUS</b> AUTHORIZED SERVICE CENTER
		<p>Date: 5/09/2009; Aircraft: N828LE; Type: CIRRUS Do Not Use; S/N: 3178; Hobbs: 74.7; Tach: 57.1; Total Time: 57.1</p> <p>-Complied with Cirrus Maintenance Program 50hr Inspection Checklist.</p> <p>-Tightened O2 line at remote filler block.</p> <p>-Removed and replaced TKS dial indicator as required.</p> <p>-Removed, and repaired nose fairing. Applied primer, and refinished with reference to Cirrus AMiM section 51-70. Removed and replaced decals and aeroshield as required.</p> <p>The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed</p> <p style="text-align: center;">             Brian Bills  A&amp;P 3197850              6582 Eureka Springs Rd. Tampa, FL 33610              Tampa Executive Airport (KTPX) 813 626 1515           </p>	

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

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		<p><b>N828LE Flight Time; 108.0</b> <b>AIRFRAME</b> C/W In Service Inspection II. Remove nose gear fork, clean, lubricate and Re-torque IAW 32-20 page 12. Lubricate cabin door hinges, propeller hub, engine control rod ends, and flap actuator shaft. Service tires and brakes. Check the following AD's <b>2008-03-16</b> rudder/aileron interconnect DNA due to serial number, <b>2008-14-13</b> upper door hinge DNA due to serial number, <b>2009-05-05</b> DNA- Garmin equipped aircraft.</p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under <b>Service Order No. 56730 Dated 7/15/09</b></p> <p> _____ FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020</p>	

## 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
7/24/09		Performed Weight Check of Hand-held Fire extinguisher H3R, Model # RT-A4ΦΦ, S/N U-124446 IAW Weight = 522 grams. <i>Checked by [Signature]</i> A# P 512433/3 <i>FA</i>	

N 828LE Hobbs: 193.0 Flight Time Hobbs: 162.7  
 Cirrus SR22 Serial # 3178  
 Complied with FAR 91.207D ELT inspection. Battery due August 2013.  
 Complied with Cirrus SB 2X-28-06R1, fuel sensor sending unit dial replacement. Installed all new potentiometers (18484-311).  
 Installed replacement fuel gauge (13557-003S). Adjusted for full and empty per Cirrus SB. Complied with Cirrus SB 2X-28-08R1, improved gascolator installation. Installed new fuel bowl kit (70226-002). Complied with Cirrus SB 2X-31-05R2, recoverable data module replacement. Installed new module (RDM100-02, Serial # 30000377). Complied with Cirrus SB 2X-32-19, nose gear inspection. No defects noted. Due each 100 hours.  
 Complied with Cirrus SB 2X-05-01, brake overhaul schedule. Updated POH.  
 Installed low temperature indicators on the brake calipers. Installed new TKS Slinger ring feed line (15388-006). Retorqued nose gear upper strut bolts and installed new cotter pins. Installed new oxygen line (102N-0420-1) bottle to fill line. Installed new right wing rear recognition light bulb (508-28 Replaced the engine air filter element (BA24).

Service Order No. 56792 Dated: 09/04/09

Signed: *James K. Merzuck*  
 FAA Approved Repair Station No. B2ER144J  
 Boshart Enterprises and Aircraft Services, Inc.  
 Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS Aircraft HAS BEEN INSPE  
 IN ACCORDANCE WITH ANNUAL- TYPE INSPE  
 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITIO  
 A.D. SUMMARY TO 2009-16 CHECKED.  
 OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: *James K. Merzuck*  
 FOR REPAIR STATION B2ER144J  
 TOTAL TIME: 193.0 TACH: HOBBS Flight Time 163  
 DATE OF INSPECTION: 9/4/09

## 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

LEADING EDGE

AVIATION SERVICES, INC.  
Tampa, FL



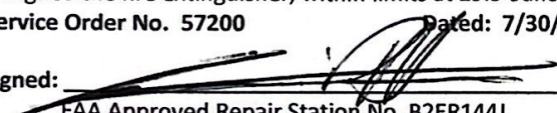
Date: 1/20/2010; Aircraft: N828LE; Type: CIRRUS; S/N: 3178; Hobbs: 246.7; Tach: 207.1; Total Time: 207.1

- Removed and replaced cabin air coupler assembly. P/N: 17433-404S Rev. A Lot# 36730-001.
- Checked nose landing gear fork tension. Found tension to be correct.
- Tightened nose wheel axle to correct tension.
- Lubricated door latches and locking assemblies.
- Removed & replaced right side NLG aeroflect.
- Work performed with reference to Cirrus SR-22 AMM.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

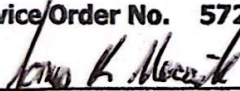
Taylor Harper A&P 3438147  
6582 Eureka Springs Rd. Tampa, FL 33610  
Tampa Executive Airport (KTPX) 813 626 1515

## MAINTENANCE RECORD F.A.R. 43.9

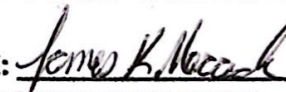
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>AIRFRAME N 828LE Hobbs: 340.8 Cirrus SR20 Serial # 3178 Performed scheduled maintenance 50 hour in service inspection I. Performed scheduled 100 hour in service inspection II. Performed scheduled 300 hour in service inspection II. Weighed the fire extinguisher, within limits at 19.5 ounces. Service Order No. 57200 Dated: 7/30/10</p> <p>Signed:  FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020</p>	

N828LE Hobbs; 340.8 Flight Time; 291.7  
AIRFRAME  
C/W FAR91.207 (d) ELT inspection 406 battery replacement next due 8/2013, remove due 8/2013. C/W Cirrus SB 2X-32-19R2 nose gear assembly, no defects noted, due each 100 hr. Install new nav light bulb on right wing (aft bulb).

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 57221 Dated 7-29-10

  
FAA approved Repair Station No. B2ER144J  
Boshart Enterprises and Aircraft Services, Inc.  
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2010-15 CHECKED. OPERATIONAL CHECK SATISFACTORY.

SIGNATURE:   
FOR REPAIR STATION B2ER144J  
TOTAL TIME: 291.7 <sup>Fuel</sup> TACH: 1433.340.8  
DATE OF INSPECTION: 7/29/10

MODEL: SR-22 G3  
S/N: 3178  
REG. NO: N828LE  
WORK ORDER:  
28767-08-2011



Repair Station No. GA5R-876M  
10570 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 888-881-5580

DATE: 9/8/2011  
A/C TSN: 309.2  
FLIGHTTIME: 309.2

### Airframe Entries

(1) Complied with 100 Hour Airframe Inspection.... (4) Replaced well nuts and installed threshold.... (7) Serviced and charged battery as required.... (8) Complied with Cirrus Mandatory SB 2X-32-19 R2 Nose Landing Gear Assembly Inspection.... (9) Checked connector and pins on oil pressure cannon plug cleaned and lubed reinstalled cannon plug.... (16) Installed new seal on top cowl aft edge as needed... (17) Serviced oxygen to 1800 psi.... (18) Repaired minor gouge in foam core and exterior surface of fiberglass.... (19) Performed Inspection/Check GSA 80 Servo Actuator (300 hours).... (20) Performed Inspection/Check GSA 81 Servo Actuator (300 hours).... (21) Replaced rebound bumper on nose gear.... (22) Complied with SB 2X-27-16R1 (Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions).... (25) Checked AD's thru 11-18.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.  
The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 28767-08-2011.

DATE: 9/8/2011

SIGNED:

Work Order: 28767-08-2011

Herrmann, Gary  
Certified Repair Station No. GA5R-876M

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4510 Airport Rd.  
Cincinnati OH 45226  
(513) 321-1200



N828LE      S/n 3178      Airframe      Date: 10/04/2011

Nose wheel shimmy reported by pilot. Found tire pressure at 50 psi. Adjusted tire pressure to 30psi. Cirrus AMM 12-10 figure 12-101. Balanced nose wheel assembly. Reinstalled nose wheel per Cirrus AMM 32-41 3. C. (2)

Greg Herrmann 406901563IA

## 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

### Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901

Phone: (419)524-4261 Fax: (419)525-4730

**Date:** 6/19/2012

**Make/Model:** Cirrus SR 22

**S/N:** 3178

**N:** N828LE

**Panel Display Hrs.** 439.6 hrs.

**TTAF:** 439.6 hrs.

**Removed both** main gear tires due to wear and installed new Goodyear Flight Special 15-6.00x6, 6 ply tires. Wheels washed, bearings cleaned and packed. Reinstalled and inflated to 62 PSI. New brake pads installed on both main gear, p/n RA066-06200 (eight each) with new heat shims, p/n 068-01100. Returned to service. Refer to work order #683.

  
Thomas L. Lantz A & P 2192105 I.A.

MAKE: Cirrus  
MODEL: SR-22 G3  
S/N: 3178  
REG. NO: N828LE  
WORK ORDER:  
28784-09-2011



### Commander Aero, Inc.

Repair Station No. GA5R-876M  
10570 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 888-881-5580

DATE: 9/14/2011  
A/C TSN: 309.2  
FLIGHTTIME: 309.2

### Airframe Entries

(1) Repaired and painted left and right wing leading edges.... (2) Repaired and painted Nose wheel pant... (3) Applied clear vinyl tape to wing and horizontal leading edges.

### Maintenance Release

The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28784-09-2011.

**DATE:** 9/14/2011

**SIGNED:**




**Work Order:** 28784-09-2011

Kromer, Gary  
Certified Repair Station No. GA5R-876M

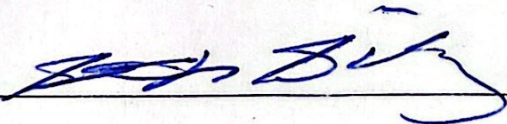
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## MAINTENANCE RECORD F.A.R. 43.9

OF TION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL: SR22-G3 S/N: 3178 REG. NO: N828LE WORK ORDER: 6912-10-2012	<b>Kalamazoo Aircraft, Inc.</b>  Repair Station No. K9AR289N 2729 E Milham Rd. Kalamazoo, MI 49002 Phone: (269) 381-0790	DATE: 10/5/2012 A/C TSN: 480.3 FLIGHTTIME: 480.3
	<b>Airframe Entries</b>  I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.... REMOVED OIL SUMP PLUG, INSTALLED NEW GASKET AND RE-INSTALLED, LEAK CHECKED GOOD.... C/W SB 2X-57-13 R2 DATED 07/31/2012 LOWER LANDING GEAR ATTACH BRACKET TORQUE CHECK ON RH AND LH MLG.... PERFORMED TEST OF AMSAFE AIRBAG SYSTEM, NO FAULTS NOTED AT THIS TIME... INSPECTED AND TESTED ELT PER FAR 91.207 (d), CHECKED GOOD, BATTERY DUE AUG 2013.... INSTALLED NEW NLG REBOUND BUMPER AND SECURED.... REMOVED RH BRAKE CALIPER ASSEMBLY, DISASSEMBLED AND CLEANED, INSTALLED NEW O-RINGS AND TEMP DECALS, REINSTALLED, BLED BRAKES, OPS CHECKED GOOD.... INSTALLED (2) NEW #2 BATTERIES.... INSTALLED NEW BEARINGS AND RACES IN NLG WHEEL ASSEMBLY... REMOVED AND INSTALLED NEW NLG THRUST WASHER, CLEANED NOSE WHEEL CASTERING ASSEMBLY, REASSEMBLED AND SET TENSION PER MM32-20, AND SECURED, RECHECKED TENSION AND FOUND TO BE WITHIN LIMITS... REMOVED AND INSTALLED NEW NLG TIRE AND TUBE, BALANCED AND INSTALLED.		
	The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this certified repair station.		
	DATE: 10/5/2012	SIGNED:  James R Michalka Certified Repair Station No. K9AR289N	Work Order: 6912-10-2012  Printed by EBis 3 (datcomedia.com)

## 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
<p>CIRRUS SR22</p> <p>REGISTRATION : N828LE</p> <p>Hobbs Time : 724.2</p> <p>FL. Time: 580.9</p> <p>Date : 07-10-2013</p>		<p style="text-align: center;">AIRFRAME LOG</p>	<p style="text-align: center;">G-FORCE AVIATION INC.</p> <p>5430 Lauby Rd. Bldg. # 17</p> <p>N. Canton OH. 44720</p> <p>PH. 330-526-6275</p> <p>CRS # G25R235Y</p>
<p>Inspected damage and repaired under right wing in accordance with Cirrus design approved repair # R10943. Replaced damaged right wheel pant and access panel along with the tire and tube in accordance with Cirrus maintenance manual 32-10 and 32-41. Replaced lower rudder fairing and lower rudder hinge in accordance with Cirrus maintenance manual 55-40, 55-50 and 51-30. Replaced right main brake bleeder and seal in accordance with Cirrus maintenance manual 32-42. Replaced right main gear lower attach bracket and clamp in accordance with Cirrus maintenance manual 57-40 and 32-10. Replaced nose gear strut in accordance with Cirrus maintenance manual 32-20. Repaired left elevator tip in accordance with AC43.13-1B Section 4. Painted under right wing in damage area, rudder cap, nose wheel pant and elevator tip in accordance with 51-20</p> <p>The aircraft and/or component listed above was repaired &amp; inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at G-Force Aviation CRS# G25R235Y under Work Order # 13-15475 I certify that this aircraft has been inspected and determined to be in airworthy condition.</p>			
CRS# G25R235Y	Signature		Date <u>7-10-13</u>

CIRRUS SR22

AIRFRAME LOG

G-FORCE AVIATION INC.

REGISTRATION : N828LE

5430 Lauby Rd. Bldg. # 17

Hobbs Time : 775.3

N. Canton OH. 44720

FLT. Time: 622.2

PH. 330-526-6275

Date : 10/30/2013

CRS # G25R235Y

Performed annual inspection per Cirrus maintenance manual checklist. Performed current AD research and complied with all applicable AD's. See AD compliance record and registration profile for details. Performed compression check per continental SB 03-3 as follows 1) 62/80 2) 68/80 3) 64/80 5) 60/80 6) 68/80. Replaced oil filter with new and cut open old filter to inspect media, no defects noted. Cleaned fuel injectors per Continental maintenance manual chapter 13. Found and replaced cracked number 4 injector per Continental maintenance manual chapter 13. Re-torqued engine weldmount attach fittings per Cirrus maintenance manual 71-20 and repositioned engine breather tube per Cirrus maintenance manual 71-70. Replaced ELT and the remote ELT battery per Cirrus maintenance manual 25-60 and performed operational check per FAR 91.207 (d). Remote ELT battery due 10-2018 and main battery due 12-2020. Replaced left and right main brake discs, pads and heat shims per Cirrus maintenance manual 32-41 and 32-42. Replaced left exhaust muffler per Cirrus maintenance manual 78-20. Removed, reinstalled and serviced oxygen bottle for hydrostatic check per Precise flight I.C.A. 2.4.1., next hydrostatic check due 10-2018.

The aircraft and/or component listed above was repaired & inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at G-Force Aviation CRS# G25R235Y under Work Order # 13-15545. I certify that this aircraft has been determined to be in airworthy condition.

CRS# G25R235Y

Signature



Date

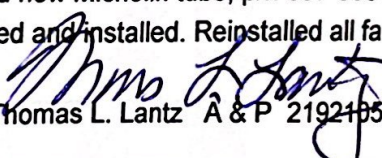
10/30/13

ACR ELECTRONICS, Inc.  
 ARTEX PRODUCTS - CAGE Code: 18560  
 Fort Lauderdale, FL 33312  
 ME406 LITHIUM BATTERY PACK MnO2  
 PART NO: 452-6499 REV: F  
 TSO C126 S.N.:360190-002  
 EXPIRATION DATE: DEC /2020 DO-227  
 ENV CAT D1XBC[204][204]XRXXXXXZAZZ[204]H[XXXX]XXX

\* ELT

# 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
	<p><b>Richland Aviation, Inc.</b> P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901 Phone: (419)524-4261 Fax: (419)525-4730</p> <p><b>Date:</b> 8/5/2014      <b>Make/Model:</b> Cirrus SR-22      <b>S/N:</b> 3178 <b>N:</b> N828LE      <b>Tach/Total Time:</b> 730.2 hrs.</p> <p><b>Removed and</b> replaced left main gear tire and tube. Installed new Goodyear Flight Custom III, 15x6.0-6 6 ply tire, p/n 156E66-4, s/n 40327611, and new Michelin tube, p/n 097-500-0. Wheel assembly cleaned, wheel bearings cleaned and packed. Reassembled and installed. Reinstalled all fairings removed. Refer to work order #762.</p> <p> Thomas L. Lantz A &amp; P 2192405 I.A.</p>



THE OHIO STATE UNIVERSITY AIRPORT  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 10/31/2014 Work Order #: AMO6291 N#: N828LE  
 Aircraft Make/Model: Cirrus / SR22 Serial #: 3178  
 Flight Meter: 789.0 Total Time: 789.0

**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Installed new Caps line cutters P/N 26707-001 S/N 7205 and S/N 7216 per Cirrus CMM for SR22 parachute system Reissued E, Feb 2013 and complied with MSB 2X-95-12 Cirrus CAPS CMM Line Cutters Rigging Illustration Error. Line cutters next due 10/2020.
3. Secured loose flight meter.
4. Complied with Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System STC Number SA01708SE Per Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System STC Number SA01708SE Doc 102NMAN0003 Rev. F.
5. Installed new Camloc Grommet P/N S2119-21 (C of C) to lower right cowling.
6. Installed new heat shield tape to lower left cowling.
7. Complied with FAR 91.207 (d) per Artex ME406 MM P/N 570-1600 Rev. R and Report of testing.
8. Complied with MSB 2X-32-19 R3 "Nose landing gear assy inspection" per MSB 2X-32-19 R3 instruction. Next due Flight Time 889.0.
9. Installed new Brackett Filters induction air filter P/N BA24 (C of C).
10. Installed new A/C pulley grommets P/N 1133089-1 (C of C) per Cirrus SR-22 AMM Reissue B June 2010.
11. Installed new left outboard fuel quick drain P/N S2020-2 (C of C).
12. Installed new O-rings P/N MS28775-222 (8130-3) and yellow brake placard P/N 51698-003 (C of C) per Cirrus SR-22 AMM Reissue B JUNE 2010.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2014-21.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature:  for CRS# IKBR028F

DATE

AIRCRAFT TIME  
IN SERVICE

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING

Report da

ELT Model

ELT Serial

Elt Issue da

ELT M

Frequency of 40  
Frequency of 24



THE OHIO STATE UNIVERSITY AIRPORT  
2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526  
CRS# IKBR028F

Date: 11/20/15 Work Order #: AMO6839 N#: N828LE

Aircraft Make/Model: Cirrus / SR22 Serial #: 3178

Flight Meter: 0914.8 Total Time: 0914.8

### Aircraft Log:

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Complied with FAR 91.411 & 91.413. Next due at 11-2017. Installed O/H'd GDC74A HIRF P/N 011-00882-10 S/N 20613842 IAW Perspective Line MIM # 190-00929-00 Rv. H
3. C'd/W Precise Flight O2 ICA on all available equipment. DLA triggered on and off @ 11,980 ft. Bottle due Hydro 10/18.
4. Installed new shoulder harness system EMA controller P/N 20902-001, S/N A16JUL15-47 from Cirrus Design with (C of C) on file. Installed using Cirrus Design AMM, chap. 25-10 as a guide.
5. Installed new CO2 detector P/N 24660-002, S/N 95063 dated 09/15 from Cirrus Design with Cert. Of Con. on file. Installed using Cirrus SR22 AMM, chap. 31-20 as a guide.
6. Cleaned and prepped both wing leading edges. Made paint spot repair with Delfleet 92813 white. Applied erosion chaffe tape on both wing upper leading edges.
7. Cleaned and prepped cosmetic damaged area at right mid-wing leading edge. Made paint spot repair with Delfleet 92813 white
8. Located A.W. Cert. and Registration and installed in console pouch.
9. C'd/W MSB 2X-28-11 R3 "Fuel line replacement" per SB, new fuel line P/N 17313-002 (C of C).
10. Complied with MSB 2X-28-12 R1 "Elec. fuel pmp insp" by insp. and POH Rev.
11. Complied with FAR 91.207d using Tester Mdl ELTT-124, S/N 13202 certified 10/19/15, next due 11/16 see separate entry. Batteries due 12/20 (main) and 10/18 (remote).
12. Cleaned all injectors, reindexed to correct cylinders, and installed svcbl P/N 625 921 atomizer screen from bench stock.
13. Replaced cabin heat scat with new P/N 19629-001 (C of C).
14. Cleaned affected area and secured R/H exh. heat shield with 1300L adhesive.
15. Installed new Alt. 2 belt P/N 657970 (C of C).
16. Replaced Batts 2 with new P/N 21063-001 (C of C), next due 11/2017.
17. Cleaned and resealed TKS tank vent fitting, sealed filler plenum inbd aft seam, and removed TKS residue from filler bay.
18. Replaced Rt. MLG tire with new F.S. II P/N 301-249-420 S/N 51582075. Cleaned, insp., and lubed wheel and bearings.
19. Backed prop. gov. stop screw out 1 1/4 turn and safetied to increase max. rpm apprx 20 to 30 rpm.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2015-21

#### "Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature:  for CRS# IKBR028F

# 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
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**THE OHIO STATE UNIVERSITY AIRPORT**  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 11/20/15      Work Order #: AMO6839      N#: N828LE  
 Aircraft Make/Model: Cirrus / SR22      Serial #: 3178  
 Flight Meter: 0914.8      Total Time: 0914.8

### Aircraft Log:

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B4 dated 2/1/2013 and other current data.
2. Complied with FAR 91.411 & 91.413. Next due at 11-2017. Installed O/H'd GDC74A HIRF P/N 011-00882-10 S/N 20613842 IAW Perspective Line MIM # 190-00929-00 Rv. H
3. C'd/W Precise Flight O2 ICA on all available equipment. DLA triggered on and off @ 11,980 ft. Bottle due Hydro 10/18.
4. Installed new shoulder harness system EMA controller P/N 20902-001, S/N A16JUL15-47 from Cirrus Design with (C of C) on file. Installed using Cirrus Design AMM, chap. 25-10 as a guide.
5. Installed new CO2 detector P/N 24660-002, S/N 95063 dated 09/15 from Cirrus Design with Cert. Of Con. on file. Installed using Cirrus SR22 AMM, chap. 31-20 as a guide.
6. Cleaned and prepped both wing leading edges. Made paint spot repair with Delfleet 92813 white. Applied erosion chaffe tape on both wing upper leading edges.
7. Cleaned and prepped cosmetic damaged area at right mid-wing leading edge. Made paint spot repair with Delfleet 92813 white
8. Located A.W. Cert. and Registration and installed in console pouch.
9. C'd/W MSB 2X-28-11 R3 "Fuel line replacement" per SB, new fuel line P/N 17313-002 (C of C).

10. Complied with MSB 2X-28-12 R1 "Elec. fuel pmp insp" by insp. and POH Rev.
11. Complied with FAR 91.207d using Tester Mdl ELTT-124, S/N 13202 certified 10/19/15, next due 11/16 see separate entry. Batteries due 12/20 (main) and 10/18 (remote).
12. Cleaned all injectors, reindexed to correct cylinders, and installed svcb1 P/N 625 921 atomizer screen from bench stock.
13. Replaced cabin heat scat with new P/N 19629-001 (C of C).
14. Cleaned affected area and secured R/H exh. heat shield with 1300L adhesive.
15. Installed new Alt. 2 belt P/N 657970 (C of C).
16. Replaced Batts 2 with new P/N 21063-001 (C of C), next due 11/2017.
17. Cleaned and resealed TKS tank vent fitting, sealed filler plenum inbd aft seam, and removed TKS residue from filler bay.
18. Replaced Rt. MLG tire with new F.S. II P/N 301-249-420 S/N 51582075. Cleaned, insp., and lubed wheel and bearings.
19. Backed prop. gov. stop screw out 1 1/4 turn and safetied to increase max. rpm apprx 20 to 30 rpm.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru issue 2015-21

#### "Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature: \_\_\_\_\_ for CRS# IKBR028F

# 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
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### Richland Aviation, Inc.

P.O. Box 306, Mansfield Lahm Regional Airport, Mansfield, Ohio 44901

Phone: (419)524-4261 Fax: (419)525-4730

**Date:** 2/9/2016

**Make/Model:**

Cirrus SR 22

**S/N:**

3178

**N:** N828LE

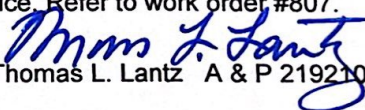
**Tach Time:**

961.1 hrs.

**TTSN:**

961.1 hrs.

**Aircraft battery** replaced at this time. Removed Gill G-243, s/n G02398256. Installed Concorde RG24-11M, s/n 40760598. Mount bracket and cable ends cleaned, all per Concorde component maintenance manual supplied with the new battery. Returned to service. Refer to work order #807.

  
Thomas L. Lantz A & P 2192105



# INSPECTION RECORD

## F A R 43 11 - 01 400

DATE	AIRCRAFT TIME IN SERVICE



**THE OHIO STATE UNIVERSITY AIRPORT**  
 2160 West Case road  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 11-20-15      Work Order #: AME05207      #: N828LE  
 Aircraft Make/Model: CIRRUS SR22      Serial #: 3178  
 Hour Meter:      Aircraft total time:

**Aircraft Log:**

1. Altimeter and static system tests required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E, para. A and B.
2. Automatic pressure altitude reporting system tested as required by FAR 91.411 in accordance with FAR 43, Appendix E, paragraph C.
3. ATC Transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

**“Maintenance Release”**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Altimeter P/N: 011-00882-10	Altimeter S/N: 20613842	Tested to: 20,000 FT.	Next Due: 11/2017
Encoder P/N: 5934AD-3	Encoder S/N: 469986	Tested to: 20,000 FT.	Next Due: 11/2017
Xponder P/N: 011-00768-00	Xponder S/N: 83900372	Tested to: 20,000 FT.	Next Due: 11/2017

-----  
 END

Signature: for FAA CRS # IKBR028F

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE



**THE OHIO STATE UNIVERSITY AIRPORT**  
 2160 West Case Road Hgr. 3  
 Columbus, Ohio 43235-2526  
 CRS# IKBR028F

Date: 12/17/15      Work Order #: AM06893      N#: N828LE  
 Aircraft Make/Model: Cirrus SR22      Serial #: 3178  
 Tach Meter: 934.1      Aircraft Total Time: 934.1

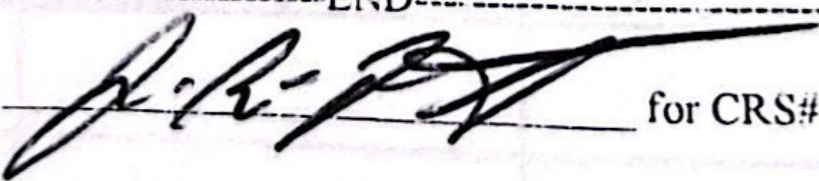
**Aircraft Log:**

1. Removed wing leading edge tapes and painted leading edge of wing. Installed new leading edge tape P/N LE-01C (C of C) to wing leading edge.
2. Removed Horizontal leading edge tape and Installed new tape P/N LE-01C (C of C).
3. Replaced both aileron gap seals P/N 14390-003 (C of C) IAW AMM 57-50 pgs 17-18.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature:  for CRS# IKBR028F

Spirit Aeronautics CRS# UOKR250X 4808 E 5<sup>th</sup> Ave Columbus OH 43219  
8/11/2016 N828LE A/C Hobbs: 1254.5

1. Customer reports that the Nav #1 button is inoperative on the audio panel. Removed the defective audio panel and installed an overhauled audio panel from Garmin International, CRS# G6XR582Y S/O# 4289701 in accordance with the Garmin GMA 347 Installation Manual Doc. #190-00325-01 Revision F.

Removed GMA 347 P/N: 011-00807-30 S/N: 15H005188  
Installed GMA 347 P/N: 011-00807-30 S/N: 15H005201

Refer to Spirit Aeronautics WO# 16511

The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Authorized Signature:  Merritt K. Thogmartin

Certificate Number: UOKR250X

# 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**

MAKE Cirrus  
MODEL SR-22 G3  
S/N 3178  
REG NO N828LE  
WORK ORDER:  
30282-11-2016



**Commander Aero, Inc.**

Repair Station No. GA5R-876M  
10570 Springboro Pike  
Miamisburg, Ohio 45342 USA  
Phone: 888-881-5580

DATE 12/14/2016  
A/C TSN 10817  
FLIGHTTIME 10817

**Airframe Entries**

(1) Annual relicense.... (2) Complied with 100 Hour Airframe Inspection.... (7) Complied with FAR Part 91.207 on ELT.... (12) Stop drilled crack in R/H upper engine baffle.... (17) Resealed R/H brake and installed new temperature sensors.... (22) Installed new Grommets in air conditioning drive P/N 21119-112.... (24) Installed new L/H muffler P/N 14836-001 and new springs and hardware.... (25) Installed new R/H muffler P/N 21892-002 and new springs and hardware.... (26) Stop drilled cracks in forward engine baffle behind prop and added large area washer.... (29) Installed new Alternator two cover P/N 17547-004.... (30) Resecured Aux fuel pump lower drain lines.... (34) Complied with AmSafe certification.... (36) Installed new Left and right brake linings P/N 066-06200.... (37) Installed new cam lock for O2 filler port cover.... (40) Complied with SB 2X-32-19 R3 ( Nose Landing Gear Assembly Inspection and Reinforcement ).... (42) Installed new #1 Alternator P/N 656802 S/N H-Q11066.... (53) Checked Airworthiness Directives and Mandatory Service Bulletins.

**Maintenance Release**

The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 30282-11-2016.

DATE: 12/14/2016

SIGNED:



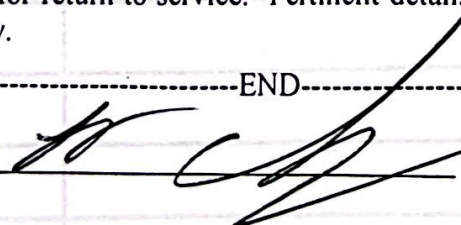
Minzler, Alvin  
Certified Repair Station No. GA5R-876M

Work Order: 30282-11-2016

Printed by EBis 3 (datcomedia.com)

# 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
		 
		<b>THE OHIO STATE UNIVERSITY AIRPORT</b> 2160 West Case Road Hgr. 3 Columbus, Ohio 43235-2526 CRS# IKBR028F
		Date: 10/27/2016    Work Order #: AM07347    N#: N828LE Aircraft Make/Model: Cirrus Design SR22    Serial: 3178 Flight Meter: 1055.8
		<b><u>Aircraft Log;</u></b>
		1) Installed new pilot side PTT switch P/N 51761-005. Found loose pin at yoke connector J/P700 and reinserted. Pilot side PTT function checked normal.
		<b>“Maintenance Release”</b>
		The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.
		-----END-----
		Signature:  for CRS# IKBR028F

## 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
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**Fixed Wing Aviation Maintenance**  
 Lakeland Linder Regional Airport (KLAL)  
 3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM  
 Lakeland FL 33811 863-606-5757

Date: 12/29/2017; Aircraft: N828LE; Type: CIRRUS; S/N: 3178; Hobbs: 1463.5; Total Time: 1205.3; Engine - Type: IO-550-N, S/N: 691837, Time: 1205.3; Prop - Type: PHC-J3YF-1RF, S/N: FP6926B, Time:

- Removed cowling, wing access panel, wing tips, landing gear fairing's, and interior. Inspected wings, fuselage, and flight controls. Removed wheels, greased bearings, and reinstalled. Inspected electrical wiring for chafing and security. Annual inspection completed WRT Cirrus AMM section 5-20.
- Complied with Precise Flight Instructions for Continued Airworthiness document # 102NMAN00003 Rev F.
- Verified AD compliance through bi-weekly issue 2017-25
- Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.
- Battery is sealed and does not require any further servicing.
- Per Cirrus SB 2X-05-01 no action is required at this time.
- Inspected ELT in accordance with FAR91.207 paragraph (c) and (d). Batteries due for replacement 12/20
- Fire extinguisher inspected and found to be within manufacturers specifications at 710 grams.
- Applied ACF50 to interior of flaps, ailerons, elevator, and rudder.
- Removed and replaced LT wing aft nav light as required.
- Filled O2 to full as recommended.
- Removed and replaced pilot side exhaust pipe ground strap and I/B spring with new as required.
- Removed, inspected and tightened pitch trim housing bolts Reinstalled. Ops checked, no defects noted at this time.
- Complied with SB 2X-28-12R1 (Electric Fuel Pump inspection) no defects noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin

A&P 3502686IA

# 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
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Gulf Coast Avionics CRS UB4R564M  
 Registration: N828LE      Make: CIRRUS DESIGN CORP      Model: SR22      S/N: 3178      Aircraft Time: 1463.5 HOBBS

The United Instruments 5934AD-3 Altimeter SN 469986, Garmin GDC 74A ADC SN 20613842, the aircraft static and altitude reporting systems have been inspected and tested to a pressure altitude of 20000 feet and found to comply with Appendix E of 14 CFR Part 43. The Garmin GTX 32 transponder SN 83900372 has been tested, inspected and found to comply with Appendix F of 14 CFR Part 43. This satisfies the requirements of 14 CFR 91.411 & 91.413. Next inspection due: 12/2019.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Gulf Coast Avionics under James Schumer, work order SO-53536.

*John D. Theobald*

Date: 12/29/2017

Modern Avionics & Maintenance, Inc.  
 Mansfield Lahm Regional Airport  
 2000 Harrington Memorial Road, Hangar #528  
 Mansfield, OH 44903  
 (440) 541-7059



### Airframe Logbook Entry

Date: 07/24/2018	Registration Number: N828LE	Aircraft Model Number: Cirrus SR22	Aircraft Serial Number: 3178
Work Order: MAMI-2245	Total Airframe Time: 1283.7	Flight Hobbs Time: 1283.7	

Nose wheel is flat:

-Removed the nose wheel fairing and nose wheel from the aircraft. Removed and replaced the nose wheel tire and tube with a new Condor 5.00-5 tire and Michelin Airstop 5.00-5 tube. Cleaned, inspected and greased the wheel bearings with mobil 100. Installed the wheel halves and torqued nuts to 75 in lbs. Reinstalled the nose wheel onto the aircraft and preset torqued the nut to 200 in lbs to set the wheel bearings. Backed off the nut and torqued to 80 in lbs. Reinstalled the nose wheel fairing. 24 hour leak check satisfactory with no other defects noted at this time. All maintenance done referencing the Cirrus SR22 and SR22T AMM.

*Jeffrey W. Turner*  
 Jeffrey W. Turner

Mechanic: AP3371638IA



THE OHIO STATE UNIVERSITY AIRPORT

2160 West Case Road Hgr. 3  
Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 03/01/2019 Work Order #: AM08949 N#: N828LE

Aircraft Make/Model: Cirrus SR22 Serial#: 3178

Flight Time: 1582.4 Hobbs Meter: 1306.4

**Aircraft Log:**

1. Complied with an Annual Inspection using Cirrus SR22/22T AMM Chapter 5 Inspection Guide Revision B6 dated 1/1/2016 and other current data.
2. Removed nose wheel pant and updated weight and balance.
3. Complied with FAR 91.207 (c) & (d). No defects noted. Main battery due for replacement 12/2020. **Remote battery due for replacement 12/2024.**
4. Complied with AmSafe Seatbelt ICA per AmSafe document # E508804. No defects noted at this time.
5. **Re-installed overhauled O2 bottle** PN 102N0100-1 SN HPR100760/1403 (Precise Flight Inc, WO# 105113 dated 21/FEB/2019) as per Precise Flight STC SA01708SE. Serviced bottle with oxygen as required.
6. Installed new induction air filter PN BA-24 (c of c).
7. Installed new 6V **battery in remote ELT switch** as per Cirrus SR22 AMM. Next due 12/2024.
8. Installed new tire PN 156E66B1 SN 72015889 (c of c) on right main landing gear as per Cirrus SR22 AMM.
9. **Installed new Batt 2s** PN 21063-001 as per Cirrus SR22 AMM.
10. Complied with Precise Flight Oxygen ICA as per Precise Flight Doc #102NMAN0003 Rev F. No defects noted.
11. Complied with **SB2X-32-19R3** "Nose Landing Gear Assy Inspection" by SB paragraphs A-E. No defects noted, next due 1682.4 Flight Time.
12. Complied with **SB2X-74-02** "Ignition Switch Security" as per SB paragraphs A-I. Next due 1682.4 Flight time.
13. Re-seated pins in landing light plug as required.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: Adalmei for CRS# IKBR028F

REPORT  
of 406 MHz ELT testing

Report date: 2/11/2019

Date of testing: 2/11/2019

ELT IDENTIFICATION

ELT Model:	ME406
ELT Serial No:	12419
ELT Issue date:	2/12/2014

ELT MESSAGE CONTENTS

Full Message: FFFED056E620610600130A211F90  
 Message Format: Short  
 User protocols or User-location protocols  
 Beacon Identifier: ADCC40C20C00261  
 Country code: United States of America (366)  
 Beacon Serial Number: 12419  
 Cospas Sarsat Certificate: 152  
 121.5MHz radio-locating transmitter: Yes

GENERAL ELT PARAMETERS

Frequency of 406MHz channel, kHz:	406027.34
Power level in 406MHz channel, dBm:	24.3

ADDITIONAL ELT PARAMETERS

Total transmission time, ms:	442.9
Unmodulated carrier time, ms:	442.9
Phase(+), degrees:	65
Phase(-), degrees:	51

VISUAL ELT PARAMETERS

406 MHz Led:	Yes
State of Marking:	Good

Date of next testing: 2/11/2020 Batteries replacement date: 2/12/2020  
 Tests are carried out by certified company: Ohio State University Airport Repair Station #IKBR028F  
 2160 West Case Rd. Columbus, Ohio 43235  
 Tel/Fax:

NOTES:

Radioengineer \_\_\_\_\_  
(Signature, Position, Name)  
2/11/2019



DATE

AIRCRAFT TIME  
IN SERVICE

SIGNATURE



**THE OHIO STATE UNIVERSITY AIRPORT**

2160 West Case Road Hgr. 3

Columbus, Ohio 43235-2526

CRS# IKBR028F

Date: 02/07/2019

Work Order #: AM08895

N#: N828LE

Aircraft Make/Model: Cirrus SR22

Serial #: 3178

Flight Time: 1582.4

Hobbs Meter: 1306.4

**Aircraft Log:**

1. Removed parachute PN 20331-001/D SN 03605 and rocket assembly PN 21814-001 SN 3772, and installed repacked parachute PN 25574-004-REB SN 03161R1 (8130-3, Cirrus Design Corporation, WO#629386 dated 31/OCT/2018) and rocket assembly PN 29500-003 SN 3526 (C of C) as per Cirrus Mandatory SBX-95-19-R1 and Cirrus SR22 AMM Chapter 95. Re-installed existing line cutters, cutters due 10/2020. Rocket and parachute next due 10/2028.
2. Complied with Cirrus Mandatory SB2X-95-24R1 "CAPS Shelf Grounding Wire" by installing Cirrus Ground Wire kit PN 70572-001 (C of C) per SB2X-95-24R1 instructions.

**"Maintenance Release"**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

-----END-----

Signature: \_\_\_\_\_

*A. Palmer*

for CRS# IKBR028F



# 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

Modern Avionics & Maintenance, Inc.  
Mansfield Lahm Regional Airport  
2000 Harrington Memorial Road, Hangar 528  
Mansfield, OH 44903  
(440) 541-7059

Airframe Logbook Entry



Date: 09/30/2019	Registration Number: N828LE	Aircraft Model Number: Cirrus SR22	Aircraft Serial Number: 3178
------------------	-----------------------------	------------------------------------	------------------------------

Work Order: AV119-0647	Total Airframe Time: 1350.5	Hour Recorder Time: 1350.5
------------------------	-----------------------------	----------------------------

- 1) Removed the GTX 32 Transponder:  
P/N OFF: 011-00768-00  
S/N OFF: 83900372
- 2) Installed the GTX 335R Transponder:  
P/N ON: 011-03301-00  
S/N ON: 3EF022213
- 3) Installed the GTX 335R in reference to the following documents:  
-STC SA01714WI with AML, P/N: SA01714WI, REV 6, Dated August 31, 2019.  
-GTX 3XX Part 23 AML STC Installation Manual, P/N: 190-00734-10, REV 13, Dated August 31, 2019.  
-Master Drawing List GTX 33X and GTX 3X5 ADS-B AML STC, P/N: 005-00734-04, REV 14, Dated August 31, 2019.  
-GTX 33X and GTX 3X5 ADS-B AML STC Equipment List, P/N: 005-00734-05, REV 17, REV July 31, 2019.  
-STC-SA01714WI Permission Letter, P/N: PRM\_SA01714WI, Dated June 30, 2018.
- 4) Inserted the AFMS into the POH: AFMS Garmin GTX 33X and GTX 3X5 Transponders with ADS-B, P/N: 190-00734-15, REV 4, Dated August 31, 2019.
- 5) Inserted the ICA into the aircraft maintenance records: GTX 33X and GTX 3X5 ADS-B MM/ICA, P/N: 190-00734-11, REV: 7, Dated August 31, 2019.
- 6) The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR Part 91.227.
- 7) Performed an Electrical Load Analysis and found total load does not exceed 80% of rated capacity.
- 8) Updated the aircraft logbooks, equipment list and weight/balance data to reflect these changes this date.
- 9) Weight change negligible. Under 1lb change.

See major alteration form dated 09/30/2019. The aircraft and/or components above was installed/repared and inspected in accordance with the current federal aviation regulations, and was found airworthy for return to service. Pertinent details of the installation/repair are on file at this agency under work order AV119-0647

Signed by: for Modern Avionics & Maintenance, Inc. CRS # 7MVR170C

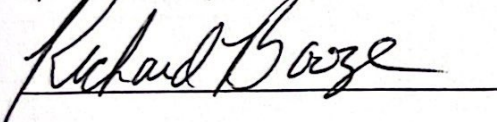
N828LE Phillipsburg Airport LLC  
AIRFRAME LOG

DATE 11/10/2019 Hobbs 1648.5  
MAKE Cirrus TACH 1356.5  
Model SR22 S/N 3178

1. C/W ANNUAL inspection I/A/W FAR 43 APENDIX D, Using Cirrus AMM as a guide.
2. C/W ELT inspection IAW FAR 91.207(D). no Defects noted. Next inspection due 11/2020. ELT battery next due . 12/2020
3. R&R boost pump for O/H
4. R&R LH MLG tire and tube p/n 097-500-0 , 156E66-4
5. trouble shoot intermittent landing light found incorrect pins on Molex connector , R&R with correct pin.
6. Cleaned oil soak lower cowlings .
7. Set NLG caster tension.
8. Tighten loose B nut on TKS lines

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

A/P 2796212091/A Richard Booze



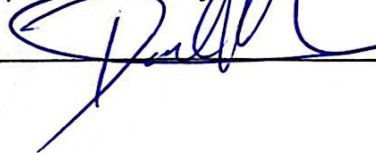
N828LE Phillipsburg Airport LLC  
AIRFRAME LOG

DATE 11/20/2019 Hobbs 1648.5  
MAKE Cirrus TACH 1356.5  
Model SR22 S/N 3178

1. R&R NLG wheel pant and strut , repainted
2. Repainted tops of LH ,RH wings
3. R&R RH,LH wing walk 12683-004,005
4. R&R RH/LH gap seals 14390-003

All work was performed I/A/W Cirrus AMM 51/10,20,30 as a guide , this aircraft is approved for it to be returned to service.

A/P 3176242 Danny Potter.



# 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
6/16/21		I certify that I have inspected N828LE for the purpose of conducting a ferry flight from KMFD to 3i7 for annual inspection. It is safe to conduct the flight above. J 2554665AP 6/16/21

MAKE: Cirrus  
 MODEL: SR-22 G3  
 S/N: 3178  
 REG NO: N828LE  
 WORK ORDER:  
 32633-06-2021



**First Flight Aviation**

10600 Springboro Pike  
 Miamisburg, Ohio 45342 USA  
 Phone: 937-885-5580

DATE: 7/28/2021  
 A/C TSN:  
 FLIGHTTIME:  
 1378.3

**Airframe Entries**

(2) Replaced CAPS Reefing Line Cutters with new kit p/n 25347-002, s/n's 19806/19566, DOM 5/2021. Due again 5/2027.

**Maintenance Release**

The aircraft and/or component(s) on N828LE was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 32633-06-2021.

DATE: 7/28/2021

SIGNED:

Warren, Josh, A&P: 3823176

Work Order: 32633-06-2021

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# AIRFRAME LOG

8-18-2021



Reg: **N828LE**  
Make: Cirrus  
Hobbs: 1674.5

S/N:	3178
Model:	SR22
Tach:	1378.3

1. C/W ANNUAL INSPECTION in accordance with FAR 43 APPENDIX D - Using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). No defects noted. Next inspection due 8-2022
3. Replaced ELT battery with new, next due 10-2028
4. Replaced seat belt inflators with new, including hoses, harness, fittings and clamps.
5. Resealed right brake caliper
6. Replaced left and right aileron gap seals
7. Replaced left rear nav light lamp
8. Replaced hand held fire extinguisher with new
9. Replaced ignition switch with new, P/N A-510-2, new key #133
10. Replaced Alt 1 with an overhauled unit. P/N ES-10024, S/N H-V071080

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

Kevin Pierron A&P 3343189IA

A handwritten signature in black ink, appearing to read "Kevin Pierron", written over a faint, large watermark of the word "AVIATION".

WWW.STEELAVIATION.COM

# INSPECTION RECORD

## Achievement Aviation LLC

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

August 24, 2021    N828LE    Cirrus SR22    Hobbs Tiem: 1676.8

(1). Gained access to GDC74A for testing in accordance with 14CFR91.411. Disconnected pitot and static lines from GDC74A (pitot line was marked for identification). Reconnected GDC74A pitot/static lines after 91.411 test was completed. Work completed in accordance with Garmin manual 190-00920-00 Rev E.

(2). Gained access to altimeter for testing in accordance with 14CFR91.411. Disconnected static line from altimeter. Reconnected static line after 91.411 test was completed.

No wiring was disconnected. After the 91.411 testing of individual components was completed, verified proper operation of integrated pitot/static system. System was leak tested after aforementioned work completed. 91.411 testing and leak tests performed by CRS9FDR993C per work order A460

Joshua L Johnson  2861559 A&P

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

**Achievement Aviation of Ohio**

CRS 9FDR993C

Facility Address:

6177 St Rd 219

Hangar 51

Celina, OH 45822

August 24, 2021    N828LE    Cirrus SR22    Hobbs time:1676.8

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.

ADC Model:Garmin GDC74A    Altimeter: United 5934AD-3    Transponder Model:Garmin GTX335R

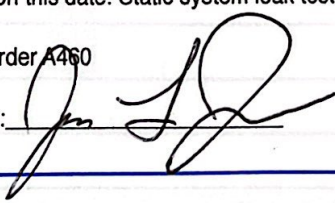
Serial No. 20613842    Serial No.469986    Serial No.3EF022213

The altimeter & ADC were tested to 20,000 feet on this date.

The transponder was tested on this date.

ADC / Transponder 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 A460

August 24, 2021    Certified Repair Station 9FDR993C    Signature: 

## AIRFRAME LOG

STEEL  
AVIATION

Date:	09/01/2022
Reg:	N828LE
Make:	CIRRUS
Hobbs:	1736.2

S/N:	3178
Model:	SR22
Tach:	1430.9

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 08/2023. ELT battery next due 10/2028

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

A/P3304319I/A Jeff Pleiman

Signed \_\_\_\_\_



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

wo: WO\_131

Airframe - page 1 of 1



Steel Aviation, Inc. · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

**N828LE**

**Cirrus , SR22, S/N: 3178**

**January 06, 2023**

HOBBS: 1751.1

TACH: 1442.3

1. C/W MSB SB2X-42-19 v0764.38 update Installed (2) P/N P/N010-00474-44 - GARMIN DATA CARD.
2. Removed GTX 335 transponder and installed GTX33 I/A/W Cirrus AMM 34-50-05, 34-40-05 Installed P/N 011-00779-30 GTX33 - GTX33 (REPAIRED) S/N: 89103256.
3. Confirmed MOD 2 ES upgrade on GTX33 P/N 011-00779-30 S/N 89103256 for ADSB compliance.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation, Inc. under work order: WO\_131.

Danny Potter A/P I/A 3176242

F.A.R. 43.11-91.409

wo: LUK145-23064

Airframe - page 1 of 1



Airtech of Ohio, LLC. - 4765 Airport Rd - CINCINNATI, Ohio 45226 - CRS#: 5A8R960B

**N828LE**

**CIRRUS DESIGN CORP, SR22, S/N: 3178**

**February 10, 2023**

FLIGHT: 1442.3

HOBBS: 1751.1

1. Complied with aircraft preliminary inspection. No discrepancies noted at this time.
2. Performed 24-Month IFR Certification to 20,000ft in accordance with FAR 43 Appendix E and F. No discrepancies 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 Airtech of Ohio, LLC. under work order: LUK145-23064.

Craig Harbeson CRS# 5A8R960B



**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

ROMAC-AIR  
3960 25 TH. AVE.N.  
ST.PETERSBURG, FL.  
33713

**AIRFRAME LOG ENTRY**

N# 828LE  
DATE 08/14/23  
TACH  
HOBBS 1853.0  
TT 1853.0

REMOVED OLD ELETRIC FUEL PUMP AND INSTALLED A NEW  
WELDON FUEL BOOST PUMP, OPS CHECK GOOD NO LEAKS NOTED.

Roy McClure

*Roy McClure*

A&P 2823788 IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

wo: WO\_332

Airframe Annual · page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

**N828LE**

**CIRRUS DESIGN CORP, SR22, S/N: 3178**

**September 21, 2023**

HOBBS: 1900.9

TACH: 1568.9

1. C/W Annual Inspection in accordance with FAR 43 Appendix D - using Cirrus AMM as a guide.
2. C/W ELT Inspection IAW FAR 91.207(D). Next due:9/2024.
3. ELT Battery Due: 10/2028.
4. Airworthiness Directives Due: No AD's due at this time. All AD's checked for compliance through Bi-Weekly date 2023-20.
5. C/W 500 ENG MOUNT TORQUE.
6. Removed and Replaced R/H and L/H brake caliper o-rings. Bled brakes. Installed (4) P/N M83461/1-222 - O RING, BRAKE, Installed (2) P/N 51698-003 - 300 Degree, Yellow, Installed (2) P/N 51698-001 - 330 Degree, Blue.
7. R&R EMA controller with new. Installed P/N 508358-421 - EMA CONTROLLER S/N: A22FEB23-75.
8. R&R NEW BRAKE LININGS Installed (8) P/N RA066-06200 - RAPCO BRAKE LINING, 066-06200.
9. R&R SERVICABLE MUFFLER & HEAT EXCHANGER Installed P/N A14836-001 - CIRRUS MUFFLER (SERVICEABLE), Installed P/N 21892-002 - Heat Exchanger, SR22, Inconel, S/N 2438 And Up (SERVICEABLE).
10. Removed old oxygen bottle due to 15 year replacement. Installed new bottle manufacture date (8/2023) with new valve/regulator and serviced to 2000 psi. Next hydro test due 8/2028 and replacement due 8/2038 next valve/regulator overhaul due 9/2028.

I certify that this AIRFRAME has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation under work order: WO\_332.

Jeff Pleiman A/P I/A 3304319

# STEEL AVIATION

# N10281E

## 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
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wo: WO\_398

Airframe · page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

**N828LE**

January 09, 2024

HOBBS: 1985.9

TACH: 1644.3

1. R&R RH MLG tire with serviceable Flight custom 3.
2. C/W SB2X-05-01.

With respect to the work performed, this Airframe is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO\_398.

Zack Aicholtz A&P 4058800 