

**AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD**

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
2000-02		2-21-00 7.0	Searched AD's through bi-weekly issue 2000-02. All AD's are in compliance at this time.			Chris P. Nelson A&P# 468040495 <i>Chris P. Nelson</i>
3820-51-01						
90-129 Rev D	Rework of Fuselage and stabilizer Bond, Horizontal Postured Per Remarks Circ # Hobb 40.9	03130011 M.	Mam wing attach Postured Per Remarks Circ # 03130010 M, Rework in accordance with 90-129 Rev D table 4 and Cirrus Design MM 12137-001			
3/11/00			This Aircraft is Found to be Airworthy and is Returned to service <i>Chipt Day</i> 471822554			
2000-06		04/02/00 102.3	Searched ADs through biweekly issue 2000-06. There are No Airworthy Directives Applicable to SR-20 Cirrus Design Aircraft At This Date 04/02/00 <i>Chipt Day</i> 1A471822556 END			
20-52-01	LOWER CABIN DOOR HINGE	05-23-00 225.4	INSTALLED NEW DOOR HINGE			<i>Richard J. Jarama</i> A&P 2527434
20-11-01	FLAP PLACARD	05-23-00 225.4	FLAP PLACARD INSTALLED			<i>Richard J. Jarama</i> A&P 2527434
20-25-02	SEATS	08-07-00 380.2	FLAME RETARDANT			<i>Richard J. Jarama</i> A&P 2527434
20-76-01	ROD ENDS	08-07-00 380.2	CHECK ROD END MEASUREMENT.			<i>Richard J. Jarama</i> A&P 2527434



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20-78-01	EXHAUST T.C.M.	08-07-00 380.2	EXHAUST BALL JOINT			Buddy Miller AP473925394
98-19-02	PISTON PIN		NOT APPLICABLE NO SUPERIOR PINS			Buddy Miller 471200870AP
00-08-51	CRANKSHAFT ROD JOURNAL		NOT APPLICABLE SERIAL NUMBER			Buddy Miller 471200870AP
00-11-51	IMPULSE COUPLER STOP PIN		NOT APPLICABLE SERIAL NUMBER			Buddy Miller 471200870AP

Stephen Miller	A/P 491669792-JH
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Lawrence P. Marks  
A&P 1974039

SR 202503	11-C-01
	664.9

Date: 03-29-00  
Howard Hargrove  
Authorized Signature  
Dulles Aviation, Inc.  
Manassas Regional Airport  
10501 Observation Road  
Manassas, VA 20110

CS



## F.A.R. 91.411

APPROVED BY:  
AGENCY CERT. NO.

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
2/8/00	<p>I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413 &amp; 91.217 have been performed and found within the limits of FAR 43 appendices E &amp; F and AC 43.6a.</p> <p><b>TESTED TO 17,500 Feet on 2/8/00.</b></p> <p><b>Transponder:</b> Mfg <u>GARMIN</u> P/N <u>011-00259-10</u>  Model <u>GTX 320</u> S/N <u>83501520</u></p> <p><b>Encoder:</b> Model <u>ACK</u> P/N <u>A-30</u> S/N <u>65062</u></p> <p><b>Altimeter #1:</b> Mfg <u>UNITED</u> P/N <u>59340-3</u> S/N <u>407192</u>  CDC P/N <u>12102-001</u></p> <p><b>Altimeter #2:</b> Mfg <u>      </u> P/N <u>      </u> S/N <u>      </u>  CDC P/N <u>      </u></p> <p>CDC Quality Assurance <u>[Signature]</u> on <u>2/8/00</u>  Cirrus Design Corporation Duluth, MN USA</p>						







# RADIO & ELECTRONIC CHECKS

DATE \_\_\_\_\_ Date: 1/20/03 Make: CIRRUS Model: SR20 N# 145CD

REPAIRED A/P AND SYS CHECKS WERE NORMAL.

The aircraft identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order No. 03-0076

*[Signature]*

For: Ron Collins Aviation Electronics

6103 Flightline Drive

Evansville, IN 47711

CRS No. PG2R082L

Phone (812) 425-2603

FAX (812) 425-2129

## RON COLLINS AVIATION ELECTRONICS

6103 Flightline Drive Evansville, IN 47725

Evansville Regional Airport

## SERVICEABLE PART

Name A/P CONTROLLER

Part No. 01260-4-8-25

Model 545 30

Serial 669B

Customer TRISTATE AERO

W.O. 03-1076

Tested ☐ Repaired ☒ OHC ☐

Date 1/22/03

By *[Signature]*

Insp. By *[Signature]*

RC-109

# RADIO & ELECTRONIC CHECKS

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

## Logbook Entry

Date 8/27/2003 Make: Cirrus N# 145CD

Replaced the A30 encoder, matched to existing altimeter, performed Data Correspondence test in accordance with Part 43, Appendix E, Paragraph C. Transponder Biennial test performed per FAR

91.413. S/N off 65062 S/N on 86013

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found to be ok for return to service.

Pertinent details of this repair are on file at this Repair Station under Work Order. 03-1541

*[Signature]*

Bruce W. Tippet A&P 316682285

For Ron Collins Aviation Electronics

6103 Flightline Drive Evansville, IN 47725

Phone: (812) 425-2603

CRS No. PG2R082L

E-Mail rcollins1@insightbb.com

FAX: (812) 425-2129

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,

HM: 1112.6, WO 3694.

COMPLIED WITH SB 2X-34-05, TRANSPONDER ANTENNA GROUND PLANE IMPROVEMENT.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED

*[Signature]*  
TRI-STATE AERO, INC. CRS. AUTH. 1020 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED 09-03-03



# RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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Reg #: N145CD  
Model: Cirrus SR20  
Serial #: 1020  
Work Order #: A9223



Hobbs: 1557.1  
Tach:  
Total Time:  
Date: 1/5/06

Removed existing ARNAV MFD. Installed an Avidyne EX5000 MFD i/a/w SB 20-34-03R1. Installed XM WX Satellite Weather System i/a/w SB 2X-34-06. Installed update for terrain in Garmin GNS 430 p/n 011-00280-00 s/n 96305207 i/a/w Garmin SB 0532. Systems op's checked normal. Amended acft weight and balance and equipment list. For further details see WO# A9223 on file this station.

For: Air Care, Inc.  
FAA Repair Station  
AC0R030C

December 7, 2012 A/C Time 3302.1 Hobbs

Removed A30 Encoder SN 86013 and replaced it with A 30 SN 128444. System ops checked good. Work Order 1075.

CS  
Boggs Avionics, Inc. CRS# YOGK280Y

# RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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# RADIO & ELECTRONIC CHECKS

# MAINTENANCE RECORD F.A.R. 43.9

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
2/22/00	9.5			Replaced Landing Light, Function check Good		
				P/N 50238-001 Per Cirrus MM 33-40. Rechecked		
				Plots Door locking Pin to Allow easier Handle Action		AP 47182255

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
02/23/00	9.9	Aircraft Graphic stripes applied Aircraft inspected (Exterior) and Found to be in Airworthy condition And returned to service	AP 47182255
		END	
3/4/00	38.5	SERVICED OIL AND FILTER ADDED 15W-50 AEROSHELL AND CH 45108 FILTER LEAK CHECK WAS GOOD. INSTALLED WHEEL PANT TRIM RETURNED TO SERVICE FOR CIRRUS DESIGN DULUTH, MA.	Richard J. Laurin ACP 2527434
03-16-00	55.8	REMOVED LIGHT FOUND TERMINALS HAD BROKE OFF AND SCREW WAS MISSING. INSTALLED NEW TERMINALS AND SCREW IN ACCORDANCE WITH SR20 MAINT MANUAL CHAP 33 SEC. 40 Pg. 1	Richard J. Laurin ACP 2527434
03-17-00	62.1	Repaired Copilots defective Hat trim switch Performed operation check - Good IAW CMM	
		2720 Aircraft Return to service	AP 47182255



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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
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## CROWNAIR

FAA Approved Repair Station #CWNR273K

3753 John J. Montgomery Dr.

San Diego, CA 92123

CONTINENTAL ENGINE

IO-360-ES

S/N: 357153

N145CD

CIRRUS SR20

S/N: 1020

4-25-2000

HOBBS: 156.2 HRS

TET: 156.2 HRS

Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108 oil filter. Inspected old oil filter for metal contamination and none found. Ground ran and leak checked OK. Took oil sample and sent out for analysis.

The aircraft identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order #30408.

*John L. Keiper*  
Authorized Representative

# MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Top Gun Aviation, Inc.  
6100 S. Lindbergh St.  
Stockton, CA 95206  
(209) 983-8082

Reg. #: 145CD Tach: 191.4 AF TT: 191.4  
Date: 05-11-2000 Eng TT: \_\_\_\_\_ Date: 5/10/00 RO: 0055360

Completed 100hr inspection IAW Cirrus SR20 inspection guide. Replaced vacuum relief filter, induction air filter, landing light, both main gear tires and lubed all wheel bearing. Replaced all brake linings, batteries in turn coordinator, one nut plate in RT wheel fairing, and 2 ea welnuts for RT gear wing fairing.

I certify that this AIRCRAFT is airworthy with respect to the work performed.

*Mark Rouch*  
Mark Rouch 55531421A



**F.A.R. 43.9**

**Lincoln Park Aviation CRS LKPR101K**  
425 Beaverbrook Road  
Lincoln Park NJ 07035  
973-633-0450

Reg # 145CD	Make: Citrus	Model: SR-20
Date: 06-20-2000	W/O # S1628	Meter: 278.2
		S/N: 1020

This aircraft was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Details of this repair are on file at this agency under the work order listed above. Replaced all hardware on landing light bracket with new. Functional check satisfactory.

Authorized Signature \_\_\_\_\_

HP 2975A 4356 IA

**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 SERV
6/24/00 TAT 2942	06/14/00	Removed broken nutplate on landing light mount. Installed 1 new spring and reinstalled landing light using new washers and screws. Removed engine control console RH side panel and lubricated prop governor cable at prop governor	
		AHP 271501049	
6/28/00 T-298.2-		INSTALLED -2- NEW RUBBER BUMPERS ON NOSE LANDING GEAR PN-#12936-001	Sgt. [Signature] 4717008704



# 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
05-11-00	385.0	REMOVED TACHOMETER P/N ST2035-04001, S/N 029 AND REPLACED WITH A NEW TACH S/N 086 VISUAL AND OPERATIONAL CHECK IS GOOD <i>Richard J. Dawkins AIP 2527434</i>	
05-12-00	386.1	REMOVED AILERON AND LUBED BEARING AND INSPECTED FOR CRACKS AND REPLACED ON THE A/C VISUAL AND OPERATIONAL CHECK ARE GOOD <i>Richard J. Dawkins AIP 2527434</i>	
05-15-00	400.8	REMOVED OUTSIDE DOOR HANDLE AND REPLACED WITH A NEW HANDLE. RE-FASTENED REAR PASSENGER SEAT AND <del>INSTALLED</del> REMOVED PITCH COMPUTER P/N 12726-002 S/N 1374A AND REPLACED WITH A NEW PITCH COMPUTER P/N 12726-002 S/N 11022 VISUAL AND OPERATIONAL CHECK ARE GOOD. <i>Richard J. Dawkins AIP 2527434</i>	

# 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
8/29/00	418.3	Removed Vac. pump M/N: 215 cc, S/N: 2AT986 and Replaced with a New Vac. pump M/N: 215 cc, S/N: 6AT3162. Vacuum pump operationally tested - No Abnormalities Noted. <i>Richard J. Dawkins AIP 2527434</i>	
<p>Cardinal Wings 2800 Moran Ave Louisville Ky 40205 502-459-6184</p> <p>Reg# 145CD Date: 11/09/010</p> <p>Make: Cirrus A/C Time: 502.00</p> <p>Model: SR-20 S/N: 1020</p> <p>Performed 100 HR inspection as per Cirrus Design maintenance manual check list. Replaced L/H and R/H brake linings. Bleed brake system as per Cirrus maintenance manual. Repaired L/H seat recline function. Replaced battery.</p> <p><b>I certify that this aircraft engine has been inspected in accordance with a annual/100 hour inspection and was determined to be in airworthy condition.</b> Date <u>11/9/00</u> <u>David Birgmann AIP 359620244</u></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
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**ISO AERO**

SERVICE Inc.

ACFT  
DATE  
TACH

N145CD  
5Dec09

Replaced Oil Door Latches pn 50701-002

AuthSign&Cert# 2804 A&P159033 A&P1580833  
(GJ7865 145CDa05)

ISO AERO Service Inc. 1410 N. Kerr, Wilmington NC 28405 910 763 8844



**ISO AERO**

SERVICE Inc.

AC  
Cirrus SR-20  
Date  
Current Time

N145CD  
SN 1020  
Sep2011  
2942

Changed Oil & Oil Filter(AA48109). Serviced with 8 qts. Aero Shell 50AD Oil Filter ck.  
Normal - Runup - no leaks noted. Replaced (MCU Electrical Box ) Removed sn 801549  
Installed sn 0356883 A/c test flown and pilot reporter box ops. Ck. Normal.  
—END—

AuthSign&Cert# 2804 A&P159033  
is (sho p k g w) 153409a15

ISO AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910)763-8844

# 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 DISSAPPROVING AIRCRAFT FOR SERVICE
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21 FEB 09

7.0

Production Flight Test accomplished in accordance with Cirrus

Procedure # 90500.

Name: Gene Marsolek Date: 21 FEB 09

Signature: Gene Marsolek

Title: Production Flight Test Pilot



N#: 145CD  
Date: 5-1-2017  
Tach: 3632.3

- Overhauled electric fuel pump by CJ Aviation
- Resealed both lower wing root seals by cirrus recommended repair
- Replaced Rudder control attaching hardware to rudder surface due to wear
- Replaced RH nose strut bumper

Sign/Date: [Signature] Cert. 3795511AP



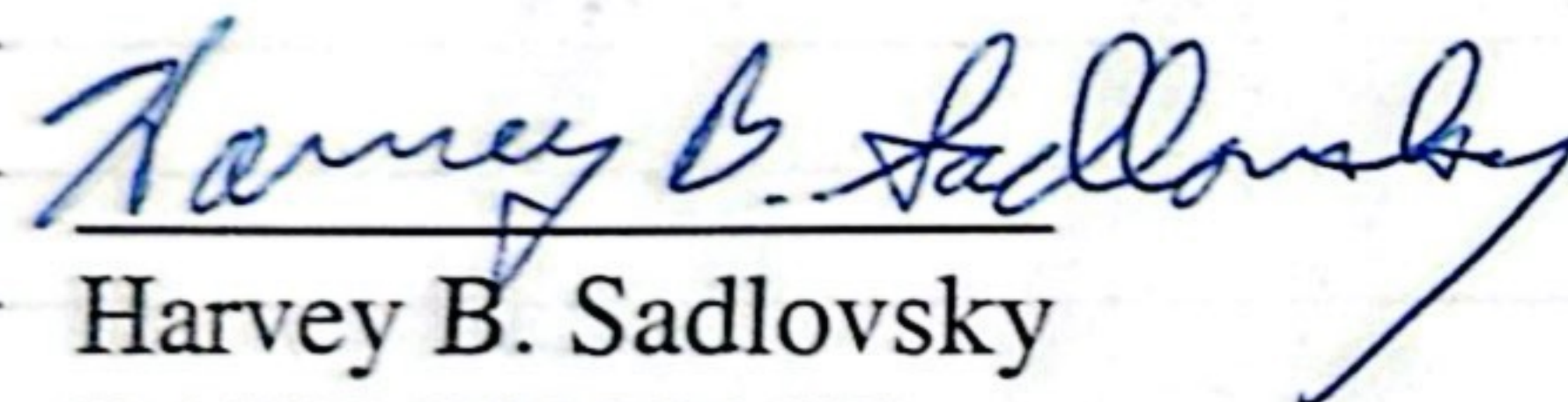
## INSPECTION RECORD

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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2/21/00 7.0 hrs

I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 2-21-00.  
The next inspection due 2-01.



Harvey B. Sadlovsky  
DARF-501084CE

## 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 DISSAPPROVING AIRCRAFT FOR SERVICE
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06/24/00

TAT: 294.2

Inspected airframe IAW Cirrus Design SR20 100 hour checklist from Cirrus MM Chapter 5-20. Performed Service Items IAW the checklist. I certify this airframe has been inspected IAW a 100 hour inspection and is determined to be in airworthy condition.

 ADP 271501044

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## 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 DISSAPPROVING AIRCRAFT FOR SERVICE
08-08-00	380.2	COMPLETED AIRFRAME 100 HR INSPECTION. REPLACED SET SCREW ON DEFROST KNOB, REPLACED DUCTING ON HEAT FLENUM BOX. SECURED PLUG UNDER FLOOR CO-PILOT SIDE. REMOVED AND REPACKED ALL TIRES AND REPACKED BEARINGS. COMPLIED WITH SB 20-25-02 ADDING FLAME RETARDANT TO SEATS. REPLACED LANDING LIGHT AND CLAMP ASSEMBLY. COMPLIED WITH SB 20-76-01 CHECKED ROD END MEASUREMENT. REPLACED LEFT LANDING GEAR SPACER UPPER BRACKET: <del>I CERTIFY</del> <sup>966</sup>

I certify that this AIRFRAME  
has been inspected in accordance with  
a 100 HR inspection and  
was determined to be in airworthy condition.

*Richard J. Harrison* A# 2527434

## 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 DISSAPPROVING AIRCRAFT FOR SERVICE
8/21/00	402.4	ACTT REPLACED - 3 - 9VOLT INSTRUMENT BATTERIES (TURN BANK) & OAT/CLOCK BATTERY (AA). TIGHTENED NOSE WHEEL PANT BRACKETS - BOTH SIDES.

I certify that this AIRCRAFT  
has been inspected in accordance with  
an ANNUAL inspection and  
was determined to be in airworthy condition.

*Bill Doren* 9717008702

11-06-01 664.9

Annual Inspection: Chaged instrument air filter, vacuum  
Pump air filter, 3 9 volt instrument batteries (TB) & OAT/clock battery  
Performed SB 20-3201, 20-5502, 20-5504, 20-2301. I certify that the  
aircraft has been inspected in accordance with Annual  
Inspection and was determined to be airworthy. Condition Report  
details are on file at this agency. WO#091301-02 CBS YD520557



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INSPECTION RECORD  
N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
HM: 732.3, ACTT: 732.3, WO 2260.

DATE

INSTALLED NEW 28V TO 14V POWER CONVERTER P/N:12749-001. COMPLIED WITH SB20-33-01, LANDING LIGHT VIBRATION MOUNT, BY INSTALLING LANDING LIGHT KIT P/N:70013-001.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: Jeremy S. Britz  
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 1/9/02

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
HM: 765.0, WO 2363.

COMPLIED WITH SB20-32-03, NOSE WHEEL FORK ASSEMBLY NUT RETENTION, BY OVERSIZING SPINDLE COTTER PIN HOLE AND INSTALLING NEW RETENTION NUT.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: Jeremy S. Britz  
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 2/22/02

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
TACH: 782.5, WO 2423.

COMPLIED WITH SB A20-95-01, MODIFICATION OF CAPS CABLE ASSEMBLY. BY FOLLOWING INSTRUCTIONS FROM BRS SB95-01, BY INSTALLING CABLE CLAMP EXTERNAL TO THE CONE ADAPTER.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: Jeremy S. Britz  
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 3/6/02

INSPECTION RECORD  
N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
TACH: 877.7, WO 2722.

DATE

ACCOMPLISHED SB20-01-00 GROSS WEIGHT INCREASE. ACCOMPLISHED SB 20-95-02, REPLACEMENT OF CAPS HANDLE ACCESS COVER. ACCOMPLISHED SB20-32-04, SPINDLE CUP INSPECTION, NO DEFECTS FOUND. ACCOMPLISHED SB20-76-02, POWER LEVER BEARING REPLACEMENT.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: Chris J. [Signature]  
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 07-24-02

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 3-7-02

Registration: 145CD

Installed GTX327 S/N 83708593 as lower, removed GTX320 S/N 83501520 for repair.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 02-413

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

For: Ron Collins Aviation Electronics  
6103 Flightline Drive

CRS No. PG2R082L  
Evansville IN 47725

Phone (812)425-2603  
FAX (812) 425-2129



## INSPECTION RECORD

## INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

N145CD, MAKE:CIRRUS, MODEL:SR20, S/N:1020,  
TACH:983.2, ACTT:983.2, ENG TT:983.2, WO3095/3096.

COMPLIED WITH AD 02-21-02 ROLL AND YAW TRIM CARTRIDGE LOCK NUT REPLACEMENT PER INSTRUCTIONS IN SB-A20-27-06. COMPLIED WITH AD 02-24-08 BY INSTALLING REPLACEMENT CAPS ACTIVATION CABLE, AND RE-ROUTED ACTIVATION CABLE PER INSTRUCTIONS IN SB-20-95-05. CLEANED AND PRESSURE LUBED PROP CONTROL CABLE. RE-ATTACHED MIXTURE CABLE END TO CABLE HOUSING AT FUEL PUMP.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED

*Jeremy S. Butts*  
TRI-STATE AERO, INC. CRS AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED

*12/10/02*

## SCALE CORRECTION

ALT S/N 407192

MASTER	ALTIMETER	MASTER	ALTIMETER
-1000	-1010	14000	13990
0	-10	16000	16010
500	495	18000	18010
1000	995	20000	20000
1500	1500	22000	
2000	2000	25000	
3000	3000	30000	
4000	4000	35000	
6000	5985	40000	
8000	7995	45000	
10000	9995	50000	
12000	11980		

Performed Biennial check required by FAR 91.413  
on *Cessna GTX 320* Transponder  
system #1 S/N *8370 4573* #2 *\_\_\_\_\_*  
Specifications were met per part 43 appendix F and  
were recorded on W.O.# *03-0012*  
Ron Collins Aviation Electronics Faa Repair  
Station #PC2R082L

*1-13-03* *Ron Collins*  
Date Authorized Signature

TESTED BY: AB *QD* DATE: January 7, 2003

DATE

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

Date: *1/13/03*, N *145CD*, HM: *991.8*  
Make: *CIRRUS*, Model: *SR20*, S/N: *1020*

F.A.R. 43 Appendix E:

Para. (a) *The* Static sys. C/W by *CRS AHTR102C*  
on *1/13/03*

Para. (b) *Pilot* Altimeter tested to *20,000* Ft.  
on *1/13/03* by *PG2R082L*

Para. (b) *N/A* Altimeter tested to *N/A* Ft.  
on *N/A* by *N/A*

Para. (c) Auto. press. altitude reporting equipment and A.T.C. transponder system  
integration test by *Ron Collins PG2R082L*

Para. (d) records by *CRS PG2R082L* and  
*Jeremy S. Butts* insp. for:  
Tri-State Aero, Inc. CRS AHTR102C  
Evansville, Indiana



# 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 DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020, HM: 991.8, ACTT: 991.8, WO 3154 &amp; 3159.</p> <p>PERFORMED ANNUAL INSPECTION, CIRRUS SR20. INSTALLED NEW LEFT POSITION LIGHT AND SOCKET. REPLACED LANYARD ON CENTER CONSOLE LID. THE PILOTS STATIC INSTRUMENT SYSTEM WAS SATISFACTORILY TESTED IN ACCORDANCE WITH F.A.R. 43 APPENDIX E. PARAGRAPH (A). REMOVED, AND REINSTALLED ALTIMETER FOLLOWING COMPLIANCE WITH F.A.R. 43 APPENDIX E, PARAGRAPH B, BY R.C.A.E. CRS PG2R082L, AND ASSISTED WITH COMPLIANCE OF PARAGRAPH C. <b>INSTALLED NEW TURN AND BANK INDICATOR BATTERIES</b> WITH CONSECUTIVE DATES. INSTALLED NEW INDUCTION AIR FILTER. SECURED RIGHT MAIN GEAR STRUT FAIRING STAND-OFF. REPLACED ANTISLIP TAPE ON BOTH STEPS. REPLACED LEFT AND RIGHT BRAKE DISCS. REPLACED LEFT AND RIGHT BRAKE LININGS. REPLACED O-RING IN RIGHT BRAKE HOUSING. INSTALLED SPIRAL WRAP ON THE TWO CLEAR INSTRUMENT AIR LINES UNDER THE CENTER CONSOLE AS NEEDED TO PREVENT CHAFING. COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATOR TRANSMITTER AS REQUIRED BY F.A.R. 91.207 (D). REMOVED THE LEFT AILERON AND INSTALLED NEW AILERON STOP BRACKET, CHECKED AILERON CABLE TENSIONS AND RE-RIGGED AILERON CONTROL SYSTEM STOPS ON LEFT AND RIGHT SIDES TO GAIN PROPER TRAVEL UP AND DOWN. ROTATED RIGHT MAIN GEAR TIRE. INSTALLED A NEW BATTERY FOR THE OAT/CLOCK GAUGE. INSTALLED NEW VACUUM SYSTEM AIR INLET FILTER. TOUCHED UP PAINT AS NEEDED. REPLACED "NO STEP" PLACARDS ON FLAP EDGES. INSTALLED NEW RUBBER HOSE AT T-FITTING FOR ALTITUDE ENCODER. COMPLIED WITH <b>SB 20-27-03</b> BY REPLACING THE RUDDER PEDAL TORQUE TUBE BRACKETS WITH NEW IMPROVED BRACKETS. INSTALLED FLAP EMI SUPPRESSION WIRE HARNESS IN ACCORDANCE WITH <b>SB20-27-05</b>.</p> <p>CONTINUED ON NEXT PAGE</p>

# INSPECTION REPORT

CONTINUED FROM PREVIOUS PAGE

AD01-23-17, GARMIN GNS430, NOT APPLICABLE BY PART NUMBER. INSTALLED SHOULDER RESTRAINT STOPS IN ACCORDANCE WITH SA 01-19.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: *Jeremy S. Burt*  
TRI-STATE AERO. INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 1/17/03

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
HM: 1006.2, WO 3229.

INSTALLED NEW CLEVELAND NOSE WHEEL ASSEMBLY P/N:40-77, MOUNTED AND BALANCED TIRE AS NEEDED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: *Jeremy S. Burt*  
TRI-STATE AERO. INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 2/6/03

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 3570,  
HM: 1073.7, WO 3570.

INSTALLED NEW AIRSPEED INDICATOR, P/N:EA5175-07L-C1R M/N:EA5175 S/N:T43976, AND TESTED STATIC SYSTEM.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED: *Jeremy S. Burt*  
TRI-STATE AERO. INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 1/26/04



## INSPECTION RECORD

DATE

N720CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,  
TACH: 1206.5, ACTT: 1206.5, ENG TT: 1206.5, WO# 4027.

REMOVED ENGINE FROM AIRFRAME SENT TO TELEDYNE CONTENTAL MOTORS FOR REPAIR

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED

TRI-STATE AERO, INC. CRS AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED

1/30/04

N145CD, MAKE: 145CD, MODEL: SR22, S/N: 1020,  
HM: 1206.5, ACTT: 1206.5, WO 4027 & 4039.

PERFORMED ANNUAL INSPECTION, CIRRUS SR20. COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATOR TRANSMITTER AS REQUIRED BY F.A.R. 91.207 (D). INSTALLED THREE NEW TURN & BANK INDICATOR BATTERIES. INSTALLED NEW VACUUM SYSTEM AIR INLET FILTER. INSTALLED BODY FILLER AND PAINTED AREAS ON BOTH LEADING EDGES. INSTALLED A NEW INDUCTION AIR FILTER. INSTALLED NEW LAMP IN LEFT WING TIP REAR POSITION LIGHT. INSTALLED BOTH NEW MAIN TIRES, CHECKED AND BALANCED AS NEEDED. INSTALLED NEW LININGS ON THE RIGHT BRAKE. SECURED RIGHT CABIN DOOR UPPER LATCH POCKET IN AIRFRAME. INSTALLED NEW BOLT AND BEARING IN POWER/PROP LEVER AND LUBRICATED POWER/PROP CABLES. INSTALLED REPLACEMENT EMERGENCY LOCATOR TRANSMITTER BATTERY. COMPLIED WITH SB 2X-32-06 BY INSTALLING COUNTERSUNK WASHERS ON NOSE WHEEL PANT. COMPLIED WITH SB-20-52-02, INSTALLATION OF DRAIN HOLES IN CABIN DOORS AND BAGGAGE DOORS. REMOVED CLOCK/OAT, INSTALLED NEW LIGHTS IN GAUGE AS NEEDED, REINSTALLED GAUGE. REATTACHED BOTH MAIN LANDING GEAR MID-FAIRING NUT PLATES. INSTALLED NEW SUNVISORS, LEFT AND RIGHT SIDES. Re-Installed Engine following repair.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED

TRI-STATE AERO, INC. CRS AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED

5/21/04

DATE

N: 145CD

Make: CIRRUS

Model: SR20

S/N: 1020

RM: 1321.5

ACTT: 1321.5

Eng TT: N/A

ENG SOH: N/A

COMPLIED WITH SB 2X-25-06 R1 CREW SEAT RECLINE LOCK INSTALLATION. COMPLIED WITH SB 2X-25-08 CREW SEAT BREAK-OVER BOLT ADJUSTMENT. SB 2X-28-02 R2 FUEL SELECTOR VALVE EXTENSION SHAFT REPLACEMENT PREVIOUSLY COMPLIED WITH. COMPLIED WITH SB 2X-28-03 FUEL SELECTOR VALVE EXTENSION SHAFT SLEEVE INSTALLATION. COMPLIED WITH SB 2X-32-08 R1 BRAKE LINE INSPECTION AND ANTI-CHAFE SPACER INSTALLATION. COMPLIED WITH SB 2X-27-08 R1 TRIM CARTRIDGE LUBRICATION/MODIFICATION. COMPLIED WITH SB 2X-57-04 OUTBOARD AILERON HINGE INSPECTION. COMPLIED WITH SB 2X-95-06 CAPS LANYARD RIGGING INSPECTION. COMPLIED WITH SB 2X-95-07 CAPS BULKHEAD 222 PLACARD INSTALLATION. COMPLIED WITH SB 2X-25-05 R1 RELEASE OF AM-SAFE MANDATORY SERVICE BULLETINS 504907-25-02 AND 504491-25-01. COMPLIED WITH SB 2X-55-10 HORIZONTAL STABILIZER INSPECTION HOLE CLOSEOUT. INSTALLED REPLACEMENT RAPCO VACUUM PUMP P/N: RA215CC S/N: A14531 AND REPLACED 28 INCHES OF VACUUM HOSE. ADJUSTED MIXTURE CONTROL AS NEEDED. ADJUSTED RUDDER TRIM TAB AS NEEDED..

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

W/O:

4765  
4779

Signed:

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Dr.

Date:

12-07-04

Evansville, IN 47725



## INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

MODEL: SR-20  
S/N: 1020  
REG. No. N145CD

CORPORATE FLIGHT MANAGEMENT, INC.  
625 FITZHUGH BLVD.  
SMYRNA, TN 37167 (615) 459-8883

DATE: 07/08/05  
TACH: 1403.2  
TAT: 1403.2

## AIRCRAFT

## Inspection(s):

Complied with an Annual Inspection in accordance with Cirrus Design SR20 Maintenance Manual Scheduled Inspection Report.

## AD's:

All AD's reviewed and current through 2005-13.

## Service Bulletin(s):

Complied with SB 2X-25-07 R1 Dual inertia reel seat belt installation.

Complied with SB 2X-57-05 R1 Aileron hinge bearing and gap inspection. Replaced bolts and washers as required.

## Maintenance Accomplished:

Removed and replaced induction air filter P/N: BA-24.

Complied with vacuum check valve manifold inspection/check, check good.

Complied with ELT inspection IAW FAR 91.207(d), inspection good at this time. Batt. Due date 3/2011.

Removed and replaced aileron-rudder interconnect shock cord P/N: 12983-001.

Removed and replaced instrument air filter P/N: 50119-001.

Removed and replaced vacuum regulator filter P/N: 50119-001.

Removed and replaced muffler/heat exchanger P/N: 11884-002.

Removed and replaced 3 turn coordinator batteries P/N: MN1604.

Removed and replaced Left and Right brake linings 4ea.P/N: 066-14100, 12ea.P/N: 105-00200.

Total of 10 screws in nose wheel pants drilled and extracted.

Re-routed mixture flex cable to above drain line. Mixture adjustment not disturbed.

Inspected and touched up paint at lower door pin area on Right door.

Primed and painted Left and Right upper door hinge points on fuselage.

Removed and replaced Left and Right MLG standoffs.

Painted and polished area of fuselage to engine cowl meeting points.

Removed corrosion from Left and Right steps and touched up paint.

Repaired nose wheel pant damage using fiberglass repair and prepped and painted.

All work accomplished in accordance with manufacturer's maintenance manual.

I certify this Airframe has been inspected in accordance with an Annual Inspection as required by FAR 91.409(a)(1), and it was found to be in an airworthy condition and is approved for return to service.

Signed

Thomas R. Ladd A & P 408960059IA  
Thomas R. Ladd A & P No. 408960059IA

## 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 DISSAPPROVING AIRCRAFT FOR SERVICE

## LOG BOOK ENTRY

Date 7-8-05 N 145CD Mfg. Cirrus SR-20 SN# 1020 Hobbs 1408.4

I certify that the altimeter

ADC,  
Mfg. X

Left,  
Mfg. United Inst.

Right,  
Mfg. X

PN# X

PN# 59340-3

PN# X

SN# X

SN# 407192

SN# X

has/~~have~~ been tested, inspected and found to comply with Appendix E, para. b of FAR 43.

The altimeter was/~~was~~ tested to a maximum altitude of 20,000 feet.

I certify that the ATC transponder

#1 Mfg. Garmin

Model GTX-327

PN# 011-00490-00

SN# 83708593

#2 Mfg. X

Model X

PN# X

SN# X

has/~~have~~ been tested, inspected and found to comply with Appendix F of FAR 43.

The altitude reporting correspondence checks required have been performed to 18,000

feet. This aircraft meets criteria outlined in FAR, part 43, Appendix E, Para. c.

I certify that the static system pilot's/~~copilot's/altimeter~~ was/~~was~~ tested and inspected and found to comply with Appendix E para. a of FAR 43. This aircraft or component has been inspected and work described above found airworthy for return to service.

7-8-05  
Date

[Signature]  
Signed for Carpenter Avionics, Inc. Repair Station RH4R492M



F.A.R. 43.11-91.409

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME  
IN SERVICE

Reg #: N145CD  
Model: Cirrus SR20  
Serial #: 1020  
Work Order #: 19511



Hobbs: 1600.5  
Tach:  
Total Time:  
Date: 2/7/06

Replaced nose gear shock pads, installed p/n 11879-006 pads and bumpers p/n 4020-001. For further details see WO# 19511 on file this station.

*Jimmy Hume*  
For: Air Care, Inc.  
FAA Repair Station  
AC0R030C

*5/20/06 1646.2 Replaced Brake pad linings (4) For both main tires. 11/1/06 PP 2691230*

Reg #: N145CD  
Model: Cirrus SR20  
Serial #: 1020  
Work Order #: 19537



Hobbs: 1606.0  
Tach:  
Total Time:  
Date: 2/16/06

Replaced nose tire. Installed new tire (Condor 5.00-5 6PR) s/n 4270W00037. Replaced nose wheel bearings p/n 08125 and races p/n 08231. Balanced nose wheel assembly. Replaced LH wing rear NAV light lamp p/n 34-04 8070-54. Ops check normal. For further details see WO# 19537 on file this station.

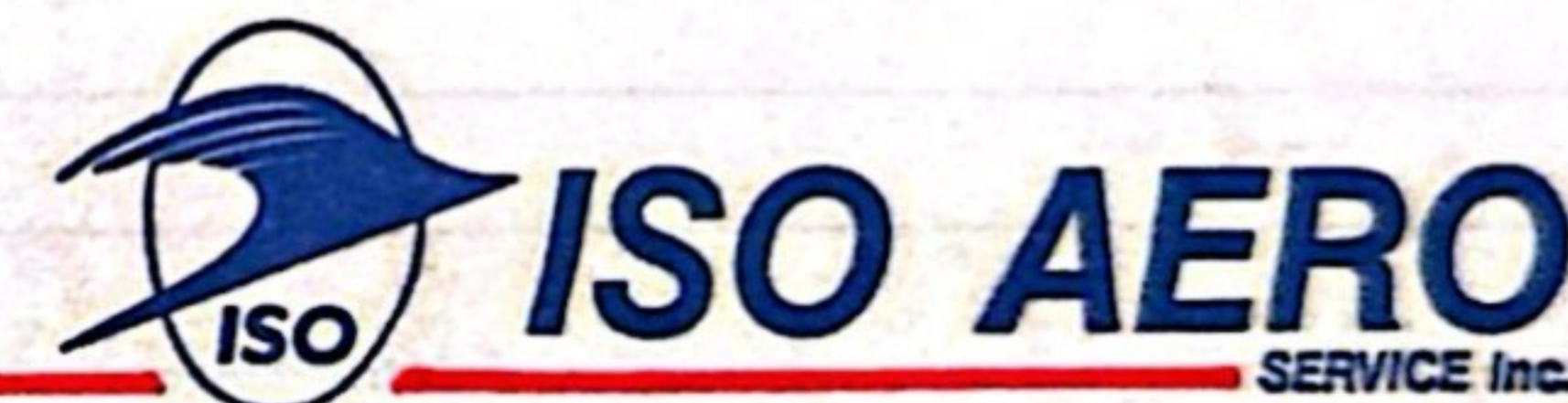
*Jimmy Hume*  
For: Air Care, Inc.  
FAA Repair Station  
AC0R030C

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



A/C N145CD  
Cirrus SR-20 S/N 1020  
Date: July 13, 2006  
Current Time 1696  
FAR 91:411 Due : July 2007  
FAR 91:413 Due : July 2007  
Life Limited Components

Due  
ELT Battery Due : Mar 2011  
CAPS Rocket Motor Feb 2010  
CAPS Parachute Feb 2010  
CAPS Reefing Line Cutter Due  
Turn Coord Batteries July 2007

Recurring AD's Due  
AD 93-05-06 TT 2000  
Vac system filter 2196  
Annual Due July 2007  
FAR 91.207 Due July 2007

Completed Annual Inspection in accordance with Cirrus Inspection Procedures. Inspected and lubed controls. Complied with ELT operation check I/A/W FAR 91.207 par D 1-4 and found airworthy. Lubed throttle and propeller controls. Replaced clock and OAT battery. Replaced Turn Coordinator/ Roll Control batteries. Checked tension on nose steering and found within limits. Removed left muffler, inspected cone and reinstalled. Replaced vac regulator filter. Replaced vac system filter. Cleaned fuel gage electrical connector. Replaced induction filter. Run up checked normal no leaks or defects noted.

END

See T-Data AD summary for complete AD compliance history.

I certify that this Aircraft has been inspected in accordance with an annual inspection and a list of discrepancies and unairworthy items dated July 13, 2006 has been provided for the aircraft owner or operator.

Auth. Sign & Cert # *[Signature]* A&P 1824562IA  
(F7399) iso\shop\log\iso\145Cda01

ILM AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910)763-8844



## 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 DISSAPPROVING AIRCRAFT FOR SERVICE
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Reg #: N145CD  
Model: Cirrus SR20  
Serial #: 1020  
Work Order #: 19986



Hobbs: 1834  
Tach:  
Total Time:  
Date: 11/22/06

C/W AD 2006-21-03 by removing calipers and installing new o-rings p/n 101-34500. Bled brake system. Ops check normal. Replaced wheel fairing brackets p/n 17205-001 and 17205-002. Serviced tires with shop air. C/W SB 2X-32-14R by installing kit p/n 70144-001 and modifying fairings i/a/w SB instructions. For further details see WO# 19986 on file this station.

*William N. Buchanan*

For: Air Care, Inc.  
FAA Repair Station  
AC0R030C

## 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 DISSAPPROVING AIRCRAFT FOR SERVICE
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THE FOLLOWING 2 STICKERS WERE RECEIVED + INPUTED - PLEASE EXCUSE THE

DATES BRING OUT OF ORDER - - 11/22/06

MODEL: SR-20  
S/N: 1020  
REG. No. N145CD

CORPORATE FLIGHT MANAGEMENT, INC.  
625 FITZHUGH BLVD.  
SMYRNA, TN 37167 (615) 459-8883

DATE: 07/26/06

TAT: 1731.1

## AIRCRAFT

## Airworthiness Directive:

Complied with AD 2006-07-06 per completion of Cirrus Design SB 2X-28-04 R1 Fuel Line Chafing.

## Maintenance Accomplished:

Reinstalled nose wheel spring washers correctly and torqued. Retorqued and reinstalled nose wheel. All work accomplished in accordance with manufacturer's maintenance manual.

Signed

*Shawn Trammell*

Shawn Trammell

A3P 2795500

A & P No. 2795500

MODEL: SR-20  
S/N: 1020  
REG. No. N145CD

CORPORATE FLIGHT MANAGEMENT, INC.  
625 FITZHUGH BLVD.  
SMYRNA, TN 37167 (615) 459-8883

DATE: 07/26/06

TAT: 1731.1

## AIRCRAFT

## Maintenance Accomplished:

Removed and replaced CAPS line cutters. New line cutters manufacture date 02/2006. All work accomplished in accordance with manufacturer's maintenance manual.

Signed

*John L. Cauton*  
John Cauton

A+P 2622628IA  
A & P No. 2622628IA



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# 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 DISSAPPROVING AIRCRAFT FOR SERVICE
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**ISO AERO**  
SERVICE Inc.

A/C	N145CD	Note: Engine & Prop O/H this date. Eng by Teledyne, Prop by US Propeller WO 027340
Cirrus SR-20	S/N 1020	Completed Annual Inspection in accordance with Cirrus Inspection Procedures. Inspected and lubed controls. Complied with ELT operation check I/A/W FAR 91.207 par D 1-4 and found airworthy. Lubed throttle and propeller controls. Replaced Turn Coordinator/ Roll Control batteries 3 ea PC1604 Due Mar 2011. AD 06-07-06 Fuel line - p/cw tt 1731, cw 06-19-10 Crew Seat by installing kit 70130-001, & cw SB 2x-25 17 R1. Replaced brake cylinder O rings per AD 06-21-03, cw Prop AD 06-18-15 N/A by sn has(B), see Prop Lo
Date:	20 Sep 2007	cw ACS Ign. Sw. AD 93-05-06. Next due tt 3995. Repl 3 ea. Ph PC1604 Turn Cord.
Current Time	1995	Batteries next due 2011. Resealed rear windows, replaced light in clock, resealed fuel cap flap travels ckd within limits, bleed brakes, replaced l/h elevator, o/b, hinge bushing & bushing pin. Replaced 2 ea. Nose l/g attach bolts. Secured bolts rear elevator bellcrank.
FAR 91.411 Due:	DUE	Run up checked normal no leaks or defects noted. —END—
FAR 91.413 Due:	DUE	See T-Data AD summary for complete AD compliance history.
Life Limited Components		I certify that this Aircraft has been inspected in accordance with an annual inspection and list of discrepancies and unairworthy items dated July 13, 2006 has been provided for the aircraft owner or operator.
Due		Auth. Sign & Cert # <u>[Signature]</u> A&P 15808331A
ELT Battery Due:	Mar 2011	(R7642) iso shop log iso N145CDa02
CAPS Rocket Motor	Feb 2010	ISO AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910)763-8844
CAPS Parachute	Feb 2010	
CAPS Reefing Line Cutter	Feb 2008	
Turn Coord Batteries	Mar 2011	
Recurring AD's	Due	
AD 93-05-06	TT 3995	
Vac system filter	2196	
Annual Due	Sept 2007	
FAR 91.207 Due	Sept 2007	

# INSPECTI F.A.R. 4

DATE	AIRCRAFT TIME IN SERVICE	KIND OF II SIGNATURE - CERT. NO. OF
------	-----------------------------	--

**N145CD**

I certify the ATC transponder test and inspect required by FAR 91.413 were performed this and found to comply with FAR 43, Appendix Make GARMIN Model GTX 327 S/N 8. Details of this inspection are on file at this re station on WO# 051408 dated 5-6-2008

Signed [Signature]  
Powell Avionics, Inc. Fayetteville, N  
R/S PL4R444M

**N145CD**

I certify that the altimeter, each auton altitude reporting system and static s inspected and tested as required by F The altimeter has been tested to 20,0 Details are on file under WO# 0514

Date 5-6-2008 Signed [Signature]  
Powell Avionics, Inc. Fayetteville, NC  
R/S PL4R444M



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## 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 DISSAPPROVING AIRCRAFT FOR SERVICE

Airframe  
LogBook  
Entry

TAC Air

**TAC Air Aircraft Maintenance**  
 1725 E. International Drive, Raleigh NC 27623  
 Raleigh Durham International Airport  
 Phone: (919) 840-4440 Fax: (919) 840-4441



**Authorized  
Cirrus Service  
Center**

Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs
RDU-2382	9/22/08	N145CD	Cirrus	SR20	1020	2268.2

Complied with **AD 2007-14-03** by performance of **SBA 2X-95-09 R1** CAPS strap abrasion inspection and installation of forward harness sheath, p/n 70142-001; no further action required.

Complied with **SB 2X-95-09 R1** (CAPS strap abrasion inspection and installation of forward harness sheath, p/n 70142-001); no further action required.

The following work was performed by Kenneth L. Boston, Jr., A&P 3115714.

Complied with **SB 2X-27-14R3** Rudder/Aileron Interconnect Modification using kit p/n 70197-001; no further action required.

The following work was performed by Jeffrey Shawn Crean, A&P 3230521.

Complied with **AD2008-11-18** (e)(1) (Heat Exchanger Inspection) by pressurization check of heat exchanger IAW Cirrus **SB 2X-78-07 R1** (E) and Cirrus AMM78-20. Next compliance due at 2368.2 Hobbs or before further flight if exhaust system is found defective or an exhaust odor is detected.

Replaced three tailpipe springs, p/n 14020-001.

Installed new nosegear left rebound bumper, p/n 14020-001.

I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and that this article is approved for return to service with regard to work performed.

Authorized Signature:

Jeremy A. Greene, A&amp;P 240574355

## 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 DISSAPPROVING AIRCRAFT FOR SERVICE



ISO AERO

SERVICE Inc.

A/C

N145CD

Cirrus SR-20 S/N 1020  
 Date: Nov2008  
 Current Time 2284  
 FAR 91:411 Due: May2010  
 FAR 91:413 Due: May2010

## Life Limited Components

Due  
 ELT Battery Due: Mar 2011  
 CAPS Rocket Motor Feb 2010  
 CAPS Parachute Feb 2010  
 Turn Coord Batteries Mar 2011

## Recurring AD's

Due  
 AD 93-05-06 ACS TT 3995  
 FAR 91.207 Due Nov09

Completed Annual Inspection in accordance with Cirrus Inspection Procedures. Inspected and lubed controls. Complied with ELT operation check I/A/W FAR 91.207 par D 1- found airworthy. Lubed throttle and propeller controls. -----END-----

See T-Data AD summary for complete AD compliance history.

I certify that this aircraft has been inspected in accordance with an Annual inspection has been determined to be in an airworthy condition.

Auth. Sign & Cert # [Signature] A&P 15808331A

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ISO AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910)763-8844



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DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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July 30, 2009 A/C HRS:

Removed Garmin GNS 430 S/N 96305207 and shipped to Garmin for warranty repair. Re-installed repaired GNS 430 S/N 96305207. OPS checked good. Removed S-TEC Autopilot Computer S/N 669B and shipped to S-TEC for repair. Re-installed repaired S-TEC Autopilot Computer S/N 669B. OPS check good. Details on file this station. WO# 611.  
Boggs Avionics, Inc.

Signed

*[Signature]*  
**Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732**  
11/4/09 N145CD Cirrus SR-22 S/N: 1020 Hobbs: 2550.4

Evaluate right Mag running rough. Removed R. Mag, cleaned rust from rotor and magnet. Installed new Unison M3081 breaker point set. Reset internal timing. Installed Mag and Re-timed to engine at 24 degrees BTDC. Re-timed Left Mag to engine. Cleaned, gapped, and rotated spark plugs. Ground run-up checked normal.

*[Signature]*  
Stephen M. Howard  
A&P 523642820 IA

DATE

A

**ISO AERO**

SERVICE Inc.

ACFT  
DATE  
TACHN145CD  
24Nov09  
2563.9

Repaired Inop. landing light - new fuse - . Removed L/H Mag. Disassembled, cleaned Assembled after installing M3081 Points Kit, M3006 Bearing, M3062 Oil Seal, K3215 Brush Assy and base gasket. Assembled Mag. Bench runup for 30 Plus minutes Temp 113 deg.  
Reinstalled 24 Deg. Engine runup ck normal -- 50 drop @ 24 rpm.  
leak ck. Ck. Normal.

AuthSign&Cert# *[Signature]* A&P15509JB & P1580833  
(67005 145Cde08)

ISO AERO Service Inc. 1410 N. Kerr, Wilmington NC 28405 910 763 8844



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

**ISO AERO**

SERVICE Inc.

A/C **N145CD**  
 Cirrus SR-20 S/N 1020  
 Date: Dec2009  
 Current Time 2575.8  
 FAR 91:411 Due: May2010  
 FAR 91:413 Due: May2010  
 Life Limited Components

Due  
 ELT Battery Due: Mar 2011  
 CAPS Rocket Motor Feb 2010  
 CAPS Parachute Feb 2010  
 Turn Coord Batteries Mar 2011

Recurring AD's Due  
 AD 08-11-18 Ex. Muffler ck. 2675  
 AD 93-05-06 ACS TT 3995  
 FAR 91.207 Due Dec10

Completed Annual Inspection in accordance with Cirrus Inspection Procedures. Inspected and lubed controls. CW AD 08-11-18 Engine Exhaust Heat Muffler via pressure ck. visual - no leaks noted. Replaced shock mount on landing light. Secured baffling landing light area. Replaced 10 ea. Rusty screws tail section with stainless. Replaced Vac. filter B3-5-1 & RAD9-18-1 System vac. filter. Resealed brake wheel cylinders & bleed brake. Installed 4 ea. Brake linings pn 66-14100. Complied with ELT operation check I/A/W 91.207 par D 1-4 and found airworthy. -----END-----

See T-Data AD summary for complete AD compliance history.

I certify that this aircraft has been inspected in accordance with an Annual inspection has been determined to be in an airworthy condition.

Auth. Sign & Cert # [Signature] A&P 15808331A

iso\shop\log\iso\145Cda11  
 ISO AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910)763-8844

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

Date: 8/18/2010, Aircraft: N145CD, Type: SR20, S/N: 1020 Hobbs: 2664.4, A/F TT: 2664.4

Removed engine then reinstalled after repair performed by Triad Aviation, Inc., Engine Division WO#: 18623, Date: 12-Aug-2010. Replaced all landing light retainer nutplates and screw. Installed new terminal on landing light electrical wire. Repaired broken wires on flow divider pressure switch by installing new terminal ends. Replaced NLG rebound bumpers with new. Removed old mixture control cable and installed new cable (p/n: 14392-101). Repaired ground wire on L/H front engine mount. Replaced mixture & throttle anchorage clips with new (p/n: 11669-003). Inspected flight control attach points for evidence of unusual signs of vibration. Ground operation and leak checks were performed and no leaks noted. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No: 18616, Dated: 18-Aug-2010.

SIGNED: [Signature]  
 Inspector for FAA CRS PP4R448M  
 Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215  
 336-227-1467

Date 8-17-11

I certify the below transponder(s) have been inspected and found to comply with the requirements of FAR Part 91.413 on Work Order No. 100895 dated 8-17-11.

#1 Transponder: Make Garmin  
 Model GTX 327 S/N 83708593

#2 Transponder: Make [Blank]  
 Model [Blank] S/N [Blank]  
 Signed [Signature] for

Sparkchasers Aircraft Services, Inc.  
 FAA Repair Station No. XSPR699K

Date 8/17/11

I certify that the altimeter, altitude reporting and static system test and inspection required by FAR 91.411 has been performed. The LH ☒ RH ☒ altimeter, Model/PN Chick 5934 PD-3 S/N 407192 certified to FAR Part 43, Appx. E. by Sparkchasers CRS# XSPR699K on W.O.# 100895 was tested to 20,000 ft. on date 8/17/11. The altitude reporting system was tested to 20,000 ft. Details On file under W.O.# 100895 dated 8-17-11.

Signed [Signature] for  
 Sparkchasers Aircraft Services, Inc.  
 Repair Station No. XSPR699K

**RAPCO, inc.**

Air Filter P/N [Blank]  
 Change Date [Blank] Next Change [Blank]

Date: 12/2009 Date: [Blank]

MANDATORY REPLACEMENT: 500 hours in service, annually, or pump replacement, whichever comes first.

Hartland, WI 53029 USA

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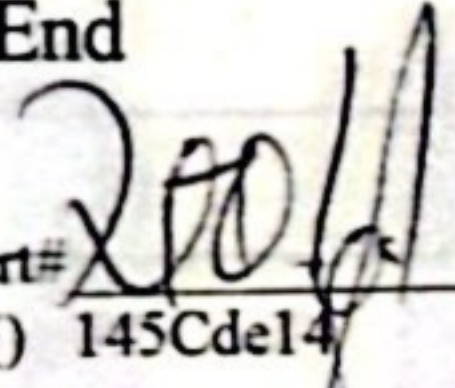
INSPECTION RECORD  
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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**ISO AERO**  
SERVICE Inc.

ACFT N145CD Replaced 2ea. 50127-001 Trim Switches System Ops. Ck.  
DATE 17Feb2012 Normal End  
TACH

AuthSign&Cert#  A-21590933A&P1580833  
( ) 145Cde14

ISO AERO Service Inc. 1410 N. Kerr , Wilmington NC 28405 910 763 8844

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 DISSAPPROVING AIRCRAFT FOR SERVICE
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71



F.A.R. 43.11-91.409



**ISO AERO**

SERVICE Inc.

<b>A/C</b>	<b>N145CD</b>	Completed Annual Inspection in accordance with Cirrus Inspection Applicable Procedures
<b>Cirrus SR-20</b>	<b>S/N 1020</b>	Inspected and lubed controls. CW AD 08-11-18 Engine Exhaust Heat Muff cw via
<b>Date:</b>	<b>Sep2011</b>	pressure ck. & visual - Replaced muffler & shroud (kit 70201-001 SB 2X-78-07 R1).
<b>Current Time</b>	<b>2942</b>	Replaced shock mount Bracket on landing light. Replaced Vac. filters B3-5-1 & RAD9.
<b>FAR 91:411 Due :</b>	<b>Aug2013</b>	18-1. Installed 4 ea. Brake linings pn 66-14100. Fuel and Oil flex lines dated 2007 Due
<b>FAR 91:413 Due :</b>	<b>Aug2013</b>	2015. Replaced Turn Cord Batteries 9V MN1604 - Ops ck normal. Replaced ELT
<b>Life Limited Components</b>		Batteries. Gascolator seals inspected - looks new. Replaced ACU MC02-1 sn D67207. All
	<b>Due</b>	required CAPS Eq. Scheduled for replacement by Owner.
<b>ELT Battery Due :</b>	<b>Sep</b>	Complied with ELT operation check I/A/W FAR 91.207 par D 1-4 and found airworthy.
<b>CAPS Rocket Motor</b>	<b>IS Due</b>	See T-Data AD summary for complete AD compliance history.
<b>CAPS Parachute Sys.</b>	<b>IS Due</b>	I certify that this aircraft has been inspected in accordance with an Annual inspection and
<b>CAPS Parachute reefing Cutters</b>		has been determined to be in an airworthy condition.
<b>Due</b>		Auth. Sign & Cert # <u>John Nelson</u> A11530333 A&P 1580833IA
<b>Turn Cord. Batt. Annual</b>	<b>Sep2012</b>	Notes Replace following F/A Ch 5 Optional iso\shop\log\iso\145Cda13
<b>Recurring AD's</b>	<b>Due</b>	Induction Air Filter on B/O
<b>AD 08-11-18 Ex. Muffler ck.</b>	<b>3042</b>	Fuel Boost Pump 5 yr. deferred by owner Insp Ops. Ck. Good.
<b>AD 93-05-06 ACS</b>	<b>TT 3995</b>	Fuel drain seals 5 yr. replacement deferred by owner Ops. Ck good.
<b>FAR 91.207 Due</b>		Brake flex lines 5 yr. replacement deferred by owner Lines found serviceable.
<b>Sep2012</b>		Aileron-Rudder Interconnect Shock Cord on Order.
		Fuel manifold spider bracket on b/o
		Note Per Mike of Cirrus, CAPS components Mandatory replacement, CH 5 Optional
		ISO AERO, 1410 N Kerr Ave., Wilmington, NC 28405 (910) 763-8844

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 SERV

## AIR WILMINGTON

Date: 08/14/2015; Aircraft: N145CD; Type: Fixed Wing Single-Engine; S/N: 1020; Hobbs: 3505.40; Tach:;  
Total Time:; Engine - Type: , S/N: , Time:; Prop - Type: , S/N: , Time:

Shop Order #: NRS-13474

Removed wing tip, Removed aileron, Removed remaining pieces of aileron roll servo P/N 12546-001 S/N 44993 and replaced with P/N 12546-003S S/N H1508/1244. Torqued as required, ops check good.  
Replaced outboard aileron mounting bracket. Bracket previously bent. Installed aileron and wing tip.  
Work completed IAW Cirrus SR20 AMM. No defects noted.

Removed cowl, removed nose gear shock struts, replaced lower 2 shock pads. Installed shock strut, torqued and safetied as required. Installed cowl. Work Completed IAW Cirrus SR20 AMM. No defects noted.

The Aircraft identified above was inspected and or repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file under the work order stated above. Dated: August 14, 2015.

Name: John Nelson Signature: [Signature] Cert# A&P3403532

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502



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F.A.R. 43.9

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

KIND OF INSPECTION - STATUS &amp; DISCREPANCY LIST

**SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE**

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

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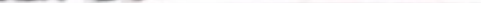
Date: 9/29/2016; Aircraft: N145CD; Type: Fixed Wing Single-Engine; S/N: 1020; Hobbs: 3505.40; Tach;; Total Time;; Engine - Type: , S/N:, Time;; Prop - Type: , S/N:, Time:

Shop Order #: NRS-14321, Closed: 9/30/2016


1. Replaced LH and RH main tires.
  - a. Jacked aircraft and removed wheel fairings and tire/wheel assembly.
  - b. Disassembled wheel assembly and inspected. Serviced bearings and discarded old tires and tubes.
  - c. Installed new tires: Goodyear Flight Custom III, PN# 301-249-006 and tubes PN# 097-5 J0-0. Torqued wheel halves to torque on placard.
  - d. Reinstalled on aircraft and safetied as required. Serviced tire with dry nitrogen per POH servicing section.
  - e. Leak checked good, down jacked aircraft.
2. Serviced nose tire with dry nitrogen per POH servicing section.

The aircraft identified above was inspected and or repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file under the work order stated above.

Dated:9/29/16

Name: Chris McPherson Signature:  Cert# A&P/IA 3154631

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502



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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

## AIR WILMINGTON

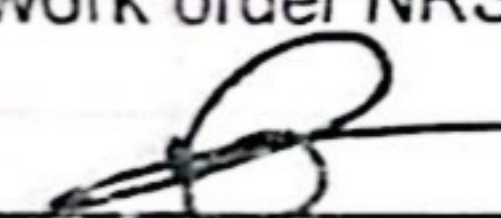
Performed Ground run: Operational and leak checked completed satisfactorily.

"I certify that this aircraft has been inspected in accordance with an annual inspection and a list of discrepancies and un-airworthy items dated 20 Nov 2020 has been provided for the aircraft owner."

Un-airworthy items:

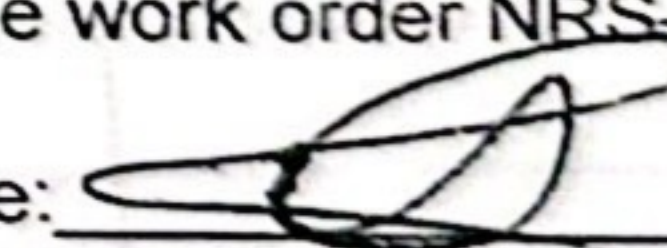
- 1: Chapter 04 limitations: Ballistic Recovery System time limited components out of date.
- 2: AD 2007-14-03 partially complied with.
- 3: AD 2002-24-08 partially complied with.

Pertinent details are on file under the work order NRS-17345.

Name: Chris McPherson Signature:  Cert# A&P/IA 3154631

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502

C/w on  
12/20 by  
DhK Aviator  
Invoice  
#21397

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				<p><b>AIR WILMINGTON</b></p> <p>Date: 11/20/2020; Aircraft: N145CD; Type: SR20; S/N: 1020; Hobbs: 3661.60; Tach:; Total Time: 3661.60 LG Cycles:; Engine - Type: , S/N:; Time: 3661.60; Prop - Type: , S/N:; Time: 3661.60</p> <p>Shop Order #: NRS-17574</p> <p>Replace brake o-rings. Installed new brake O-rings PN#M83461/1-224 both left and right side. Installed new temp labels PN# 13595 (2ea) and 13596 (2ea). Bleed brakes. Ops and leak checked good. All work done IAW SR20 AMM, Ch. 32-42.</p> <p>Aircraft un-airworthy after annual. Applied for ferry permit. Permit issued 20 Nov 2020. The permit allows one time flight from KILM to KRYV. This permit expires 30 Nov 2020. Inspect aircraft to determine airworthiness for intended flight as follows: Special Flight Permit Maintenance requirements complied with: 1: An extensive visual inspection of the aircraft interior. exterior and flight controls was performed with no defects noted. 2: An inspection of the fuel storage and delivery system was inspected for contamination, no defects noted. 3: An operation check of the systems and equipment required for the intend flight was conducted, no defects noted. 4: All applicable AD's have been complied with.</p> <p>"The aircraft has been inspected and tested in accordance with the requirements of the inspections required in items one through four above and has been found safe for the intended flight in accordance with special flight permit dated 20 Nov 2020. "</p> <p>Pertinent details are on file under the work order NRS-17574</p> <p>Name: Chris McPherson Signature:  Cert# A&amp;P/IA 3154631</p> <p>Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502</p>



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DLK Aviation - Items Due

CAPS: 11/2030

Rocket: 8/2030

Linecutters: 8/2026

#2 Batteries: 12/2022



2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J  
LOG ID# 22519 21-December-2020 WO# 20418-0  
N145CD S/N 1020 CIRRUS SR20  
HOBBS 3784.9

\*\*\* AIRFRAME LOG ENTRY \*\*\*

ACTION: COMPLIED WITH SB2X-95-20R1 REPLACEMENT OF ROCKET ASSY AND PARACHUTE WITH INSPECTED UNIT BY CIRRUS DESIGN CORP PARACHUTE PN 25574-002 SN 0027R1-NEXT DUE NOVEMBER 2030 INSPECTED BY CIRRUS DESIGN WO #CS01099807 DATED JULY 30, 2020. REPLACED ROCKET PN 29500-005 SN 4059 NEXT DUE AUGUST 2030. REBONDED AND TOP COATED ALL WINDOWS IAW CIRRUS AMM 56-20. COMPLIED WITH AD 2007-14-03 BY COMPLIANCE WITH CIRRUS SB 2X-95-20R1. COMPLIED WITH AD 2002-24-08 BY COMPLIANCE WITH CIRRUS SB 2X-95-20R1. CW SB2X-95-24R2 BY INSTALLATION OF KIT 70572-001. COMPLIED WITH SB2X-95-13 CAPS STRAP INSPECTION AND GROMMET INSTALLATION. INSTALLED NEW LINECUTTERS PN25347-002 SN 17883 AND 17870 IAW CIRRUS AMM 95-00 - NEXT DUE REPLACEMENT AUGUST 2026. #2 BATTERIES NEXT DUE DECEMBER 2022.

SEP 2025

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 20418 DATED 21 DECEMBER 2020.

Signed DK7R795J FOR DLK AVIATION

of Inspections, Tests, Repairs and Alterations  
be endorsed with Name, Rating and Certificate Number of  
Repair Facility. (See back pages for other specific entries.)

YEAR  
20  
DATE

RECORDING  
TACH

TODAY'S  
FLIGHT

TOTAL  
TIME IN

Description of Inspections, Tests, Repairs and Alterations  
Entries must be endorsed with Name, Rating and Certificate Number of  
tries.)

DATE: 03-01-2021 MODEL: Cirrus SR20 S/N: 1020 HM: 3789.0 N# 145CD  
Performed the following in accordance with FAA form 337. Removed Garmin GMA340 audio panel PN: 01-00401-10 SN: 96251126. Installed Garmin GMA345 audio panel: PN: 010-01319-01 SN: 3Z0006020. Operationally tested GMA345 audio system with no defects noted.  
Removed Garmin GNS-430 PN: 011-00280-00 SN: 96305207. Installed GTN650 WAAS GPS COM NAV SN: 1Z8024647.  
Removed Garmin GA56 GPS antenna and installed Garmin GA35 GPS antenna PN: 013-00235-00. Tested GTN650 Com and navigational systems and found to comply with FAR 43 Appendix F with No defects noted.  
Removed Attitude Gyro PN: 5000B-72 SN: T81080Q, Removed Directional Gyro PN: 4000D-9 (6406-1) SN: T54179K, Removed XMD076A SN: 816000274 Installed New Garmin GAD 29B PN: 011-03236-11 SN: 5DL012862, GMU-11 PN: 011-04349-01 SN: 56J023623, G5 ADI PN: 011-03809-00 SN: 4JQ045256, G5 HSI PN: 011-03809-00 SN: 4JQ045636. Tested G5 navigational systems with No defects noted.  
Removed Garmin GTX327 Transponder SN: 83708593. Installed Garmin GTX 345 ADS-B transponder PN: 011-00979-03 SN: 3EG028563. Operationally tested Transponder system and found it to comply with FAR 91.413 via Part 43 Appendix F. No defects noted.  
Removed Garmin GNC250XL COM GPS #2 SN: 83104063. Installed new Garmin GNC355 WAAS GPS COM #2 PN: 010-02232-02 SN: 5YR001855. Installed Garmin GA35 WAAS GPS antenna PN: 011-00235-00. Operationally tested GPS COM system #2 with no defects noted.  
Installed Garmin GAD13 PN: 011-04938-00 SN: 5YG003912. Installed and interfaced GTP-59 Garmin OAT probe PN: 011-00978-00 SN: 47958090. Interfaced to existing G5 navigational displays and to GAD29 circuit breaker for power. Operationally tested OAT system and found it not to interfere with existing aircraft systems. Weight and balance was revised and placed in aircraft records. —END—

Cert: A&P 3677532 sign:

ALTIMETER PRESS	LEFT	Garmin G5	S/N: 4000	DATE: 09/02/20	ALTIMETER PRESS	LEFT	United 590	S/N: 4071	DATE: 09/02/20	THE ATC TR 91.413 WERE PART	TRANSPOND #1	TRANSPOND #2	DATE:
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CAROLINA AVIONICS GROUP, LLC  
FAA APPROVED REPAIR STATION # QCCR-389K









YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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32. Cleaned up threads on left side wing tip nut plates and replaced all cross threaded screws with new.
33. Cleaned corrosion off of strobe light grounds inside left wing tip.
34. Serviced oxygen.
35. Adjusted copilot door lower latch pin.


I certify this airframe was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.  Chad Dawson  
870 15.75 Road A&P 3432546  
Delta Co 81416 970-874-5181

N145CD 2/7/2023 Hobbs- 4075.30 AFTT- 4075.30  
Performed an Annual Inspection in accordance with FAR 43 appendix "D".  
I certify this airframe was inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

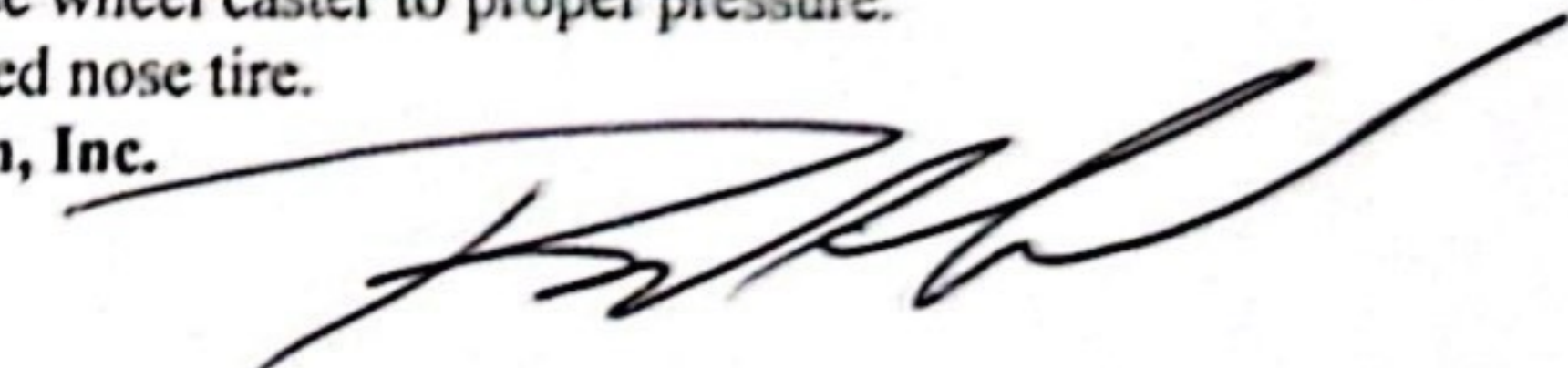
Smiling Aviation, Inc.  Ronald G. Widner  
870 15.75 Road A&P4122877IA  
Delta Co 81416 970-874-5181

N145CD 2/21/2023 Hobbs- 4081.0  
1. Removed nose wheel caster assembly, cleaned and lubricated. Reinstalled nose wheel caster assembly and wheel pant.  
2. Replaced nose gear leg faring hinge.


Smiling Aviation, Inc.  Chad R. Dawson  
870 15.75 Road A&P 3432546  
Delta Co 81416 970-874-5181

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N145CD 3/17/2023 Hobbs- 4084.6  
1. Set nose wheel caster to proper pressure.  
2. Balanced nose tire.

Smiling Aviation, Inc.  Ronald G. Widner  
870 15.75 Road A&P4122877IA  
Delta Co 81416 970-874-5181

N145CD 8/30/2023 Hobbs- 4139.4  
1. Reinstalled landing light with serviceable hardware.

Smiling Aviation, Inc.  Chad R. Dawson  
870 15.75 Road A&P 3432546  
Delta Co 81416 970-874-5181

N145CD 6/12/2024 Hobbs- 4210.10  
1. Installed new strobe light lens retainer on right hand wing using new tail gasket and nav light gasket.

Smiling Aviation, Inc.  Chad R. Dawson  
870 15.75 Road A&P 3432546  
Delta Co 81416 970-874-5181



DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N145CD 3/18/24 Hobbs- 4193.20 AFTT- 4193.20

Performed a 100 hr Inspection in accordance with FAR 43 appendix "D".

1. Tested ELT per FAR 91.207. Battery replacement next due 3/2026.
2. Replaced ELT remote switch battery with new. Next due for replacement March 2032.
3. Installed patch on lower right cowling at bottom cam lock.
4. Installed new grommet on alternator power wire.
5. Stop drilled crack in right foreword baffle.
6. Installed new terminal end on landing light wire.
7. Secured prop cable from chafing on oil cooler.
8. Replaced rudder trim tab lower rivet with new.
9. Installed fiberglass patch on the inside of nose gear fairing.
10. Filed nose gear leg fairing to prevent chafing on nose wheel pant.
11. Inspected and serviced right main brake caliper with new o-ring and temperature stickers.
12. Re-epoxied middle gear leg fairing bracket to right main gear leg and fabricated new bracket for upper fairing.
13. Rotated both main tires.
14. Replaced induction air filter with new.
15. Re-routed mixture cable to prevent chafing on engine mount.
16. Replaced all flap mount bolts with new.
17. Replaced several adel clamps on engine mount with new.
18. Installed new baffle seal on forward left engine mount.
19. Painted wing walk on both steps.
20. Installed new o-rings in both brake master cylinders.
21. Complied with AD 2008-11-18 by performing exhaust pressurization check. Next due at Hobbs 4293.2.
22. Installed new bolt on inner cylinder baffle between cylinder #6 and #4. Stop drilled crack in top cylinder baffle.

I certify this aircraft was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.  
870 15.75 Road  
Delta Co 81416

Chad R. Dawson  
A&P 3432546  
970-874-5181

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N145CD 3/18/24 Hobbs- 4193.20 AFTT- 4193.20

Performed an Annual Inspection in accordance with FAR 43 appendix "D".

I certify this aircraft was inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.  
870 15.75 Road  
Delta Co 81416

Ronald G. Widner  
A&P4122877IA  
970-874-5181

**UAC**  
University Air Center

11/07/2024  
4701 N.E. 40th TERRACE  
GAINESVILLE, FL 32609

N145CD  
MAKE: Cirrus  
MODEL: SR20  
S/N: 1020  
HOBBS: 43107

1. Pilot reports alternator inop in flight. Inspected and found power terminal to alternator broken. Removed and replaced terminal, ope good at this time IAW SR20 AMM.

I certify the maintenance described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy.

Arnaldo Andres Aponte Quinones  
A&P 3876799



-1,000	-1000	14,000	14015
0	0	16,000	16015
500	500	18,000	18010
1000	1000	20,000	20025
1500	1490	22,000	
2000	2000	25,000	
3000	3000	30,000	
4000	4005	35,000	
6000	6010	40,000	
8000	8015	45,000	
10000	10005	50,000	
12000	12010		

OMEGA Avionics CRS# 6DNR881C  
 N# 145CD Tested by Nathaniel Pinson GS HSE  
 Date 6-13-2024 ALT S/N 450045256 W/O# 701P\$

-1,000	-1000	14,000	14020
0	0	16,000	16020
500	500	18,000	18020
1000	1000	20,000	20030
1500	1495	22,000	
2000	2005	25,000	
3000	3005	30,000	
4000	4010	35,000	
6000	6010	40,000	
8000	8020	45,000	
10000	10010	50,000	
12000	12020		

OMEGA Avionics CRS# 6DNR881C  
 N# 145CD Tested by Nathaniel Pinson GS ATT  
 Date 6-13-2024 ALT S/N 450045636 W/O# 701P\$

Inspections, Tests, Repairs and Alterations  
 entered with Name, Rating and Certificate Number of  
 Facility. (See back pages for other specific entries.)



-1,000	-1000	14,000	13995
0	0	16,000	16010
500	500	18,000	18010
1000	1000	20,000	20015
1500	1490	22,000	
2000	2000	25,000	
3000	3000	30,000	
4000	4000	35,000	
6000	5995	40,000	
8000	7995	45,000	
10000	9980	50,000	
12000	11985		

OMEGA Avionics CRS# 6DNR881C  
 N# 145CD Tested by Nathaniel Pinson MAIN  
 Date 6-13-2024 ALT S/N 407195 W/O# 701P\$

N# 145CD Tests and inspections required by 14 CFR 91.411, and 91.413  
 (Part 43, APP. E&F) have been performed as follows:  
 Static system(s) test 1000' AGL  
 Alt/ADC 1 Model GS ATT S/N 450045636  
 Alt/ADC 2 Model GS HSE S/N 450045256  
 Alt. tested to 20K ft. Encoder tested to 20K ft.  
 Transponder #1 Model GTX 345 S/N 3EG028563  
 Transponder #2 Model NA S/N NA  
 Standby Alt. Model 5934D-3 S/N 407195  
 MAIN  
 Pertinent Details are filed under W.O. 701P\$  
 A/C TAF 4210.7 DNT Avionics  
 Signature Nathaniel Pinson CRS #6DNR881C  
 dated 6-13-2024

Inspections, Tests, Repairs and Alterations  
 entered with Name, Rating and Certificate Number of  
 Facility. (See back pages for other specific entries.)



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Tail Number: N145CD Date: 1/2/25 Tach: N/A Hobbs: 4341.4  1) CW AD inspection 2008-11-18 Heat Exchanger IAW SB 2X-78-07 R1. No defects noted next due 4441.4. 2) AD 2024-24-11 was found to not be applicable by serial number and avionics installed.  I certify that this aircraft is airworthy at this time in regards to work performed.  Patrick Bryars A&P 4482069  _____ END
				Tail Number: N145CD Date: 1/15/25 Tach: NA Hobbs: 4357.5  1) Removed and replaced LH MLG tire and tube with new. Airhawk Tire PN AB5F4, Specialty Tires Tube PN XA1AE. 2) Serviced tire assembly to spec IAW service manual.  I certify that this aircraft is airworthy at this time in regards to work performed.  Patrick Bryars A&P 4482069  _____ END

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				06/03/2025 N145CD S/N: 1020 HM: 4383.3 ACTT: 4383.3 ETSMOH: 0.00 PTSMOH: 0.00  Performed an Annual Inspection I/AW FAR Part 43, Appendix D, using Cirrus SR20 Service Manual as guide. Removed engine S/N: 357153. Installed Overhauled Exchange S/N: 357148 on this aircraft. Removed and reinstalled propeller assy. due to major Overhaul performed by Air Prop Specialists, Inc. Replaced R/H MLG tire and tube with new. Replaced N/G tire and tube with new. Cleaned and resealed both brake calipers, bled brake system, replaced brake linings. Replaced temp stickers. C/W AD 2008-11-18 next due HM: 4483.3. Replaced ELT batteries, C/W 91.207 (d) NDN, batteries next due 06/2027. Replaced #2 batteries. No life limited parts due replacement at this time. Replaced L/H wheel fairing, replaced mounting bracket. Repaired pilot yoke mounting screw. Lubricated aircraft. Replaced damaged



NEXT PAGE →



