N145CD

AIRCRAFT LOG

AF5-1

TEMPEST

Air Filter Change Reminder

Installed at: 1696 Hrs.

Change at: 2196 Hrs.

7-13-06 Date

AIR Aero Accessories, Inc.

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus MODEL SR20 DATE OF MFG. 02/2000

SERIAL NUMBER 1020 REGISTRATION NUMBER N145CD

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

Inspection Status

[Check one]

☐ F.A.R. 91.409 ANNUAL/100 HOUR

☐ F.A.R. 91.409 PROGRESSIVE

☐ F.A.R. 135.419 A.T.C.O.

☐ OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne	IO 360-ES	R 357153
ENGINE			L
			R
			L
PROPELLER	Hartzell	BHCJ24F-1BF	EF216B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
ELT Batteries					3/31/2004		
CAPS Rocket Motor					February 2011		
CAPS Parachute					February 2001		
CAPS Reefing Line Cutters					February 2003		
Turn Coordinator/ Roll Computer Batteries					February 2001 or after emergency use		
Replaced TC/Roll Comp battery use.				Next due July 2007 or after emergency			
					APP1824562		

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
3B20-51-01						
90-129 Rev D Hobb 40.9 3/11/00	Rework of Fuselage and stabilizer Bond, Horizontal 03130011M. Main wing attach Postcured Per Rework Cure #03130010M, Rework in accordance with 90-129 Rev D table 4 and Cirrus Design MM 12137-001 This Aircraft is Found to be Airworthy and is Returned to service					Postcured Per Rework Cure # 47182295-G
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			IA 471822556
			END			
20-52-01	LOWER CABIN DOOR HINGE	05-23-00 225.4	INSTALLED NEW DOOR HINGE			Richard Ray Lamain A&P 2527434
20-11-01	FLAP PLACARD	05-23-00 225.4	FLAP PLACARD INSTALLED			Richard Ray Lamain A&P 2527434
20-25-02	SEATS	08-07-00 380.2	FLAME RETARDANT			Bradley T. Ble A&P 473925394
20-76-01	ROD ENDS	08-07-00 380.2	CHECK ROD END MEASURMENT.			Bradley T. Ble A&P 473925394

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.
			N145CD Log Entry			
			80.1 Tach 3/24/00			
			Installed flap relays, Installed screw in landing			
			light attach bracket. M.O.C. ok.			
						Lawrence P. Marks
						A&P 1974039

Tach 93.9

Inspected I/A/W Cirrus SR 20 Inspection Guide. ELT has been inspected I/A/W FAR91.207 (D). Ops check good. Battery due 03-2004 Set switch to "Arm" postion. Replaced Vac. Reg. Filter. Serviced Battery. Serviced Brake Resevoir. AD's Checked thru 2000-~~06~~. Run up taxi checked good.
-05.

Repaired/Inspected and Approved for return to service
W/O # 4877 . Dulles Aviation, Inc./ IBIR931E
Date: 03-29-00 Howard Hargrove
Authorized Signature Howard Hargrove

Dulles Aviation, Inc.
Manassas Regional Airport
10501 Observation Road
Manassas, VA 20110

AIRW

A.D./BULL. NUMBER
20-78-01
98-19-02
00-08-51
00-11-51

SB 20-55-03
Horizontal s
accordance
appendix 2

SB20-25

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.
20-78-01	EXHAUST	08-07-00 380.2	EXHAUST BALL JOINT			Bradley T Miller AP473925394
98-19-02	T-C-M. PISTON PIN		NOT APPLICABLE NO SUPERIOR PINS			Brad Miller 471200870AP
00-08-51	CRANKSHAFT Rod JOURNAL		NOT APPLICABLE SERIAL NUMBER			Brad Miller 471200870AP
00-11-51	IMPULSE COUPLING STOP PIN		NOT APPLICABLE SERIAL NUMBER			Brad Miller 471200870AP
			Stephen Wellin			A/P 491669792-IA
SB202503		11-6-01 664.9				

SB 20-55-03: Date 11-29-01 Hours 515.2, Horizontal stabilizer inspection complied with in accordance with SB 20-55-03. Inspection report appendix 2 on file with Manufacture 338CE.

-534-6437

VORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

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.

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.

ECORD

ALTIMETER & STATIC SYSTEM CHECKS
F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY	CERT. NO.
2/8/00								

I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413 & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43.6a.

TESTED TO 17,500 Feet on 2/8/00.

Transponder: Mfg GARMIN P/N 011-00259-10
Model GTX 320 S/N 83501520

Encoder: Model ACK P/N A-30 S/N 65062

Altimeter #1: Mfg UNITED P/N 5934D-3 S/N 407192
CDC P/N 12102-001

Altimeter #2: Mfg — P/N — S/N —
CDC P/N —

CDC Quality Assurance [signature] on 2/8/00
Cirrus Design Corporation Duluth, MN USA

1. **UNITED STATES**

2. **FAA FORM 8130-3**
AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation
Federal Aviation Administration

3. SYSTEM

4. ORGANIZATION
Ron Collins Aviation Electronics
Evansville Regional Airport
6103 Flightline Drive
Evansville, IN 47725
Phone 812-425-2603
Fax 812-425-2129

5. WORK O
03-

6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NUMB
1	ACK ENCODER A-30	A-30	☑ TBV BY INSTALLER ☐ TSO ARTICLE N/A	1	65062

13. REMARKS
ADJUSTED FOR PROPER TRANSISION POINTS TO 20

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14.
☐ NEW
☐ NEWLY OVERHAULED

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

15. SIGNATURE

16. FAA AUTHORIZATION

17. NAME (TYPED OR PRINTED)

18. DATE

19.

RETURN TO SERVICE IN ACCORDANCE WITH F

Certifies that the work specified in block 13 (or attached) above was FAA airworthiness regulations and in respect to the work performed return to service.

20. AUTHORIZED SIGNATURE
Aaron Bolton

21

22. NAME (TYPED OR PRINTED)
AARON BOLTON

23

DATE	TOTA TIME

Date:

MADI
NORM

The ai
and w
Pertin

For:

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CER

Date: 12/6/02 Make: CIRRUS Model: SR20 N# 145CD

MADE FLIGHT ADJUSTMENT OF ROLL CENTERING ON 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. 02-2223

For: Ron Collins Aviation Electronics
6103 Flightline Drive
Evansville, IN 47711
CRS No. PG2R082L

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

RADIO & ELECTRONIC CHECKS

DATE

BY:
CERT. NO.

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

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 SYS 30 Serial 669B

Customer AL WOLCZYK W.O. 03-0076

Tested ☐ Repaired ☑ OHC ☐ Date 1/20/03

By Insp. By

RC-109

RADIO & ELECTRONIC CHECKS

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

Bruce W. Tippett A&P316682285
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: DATED: 09-03-03

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

RADIO & ELECTRONIC CHECKS

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

Reg #: N145CD
Model: Cirrus SR20
Serial #: 1020
Work Order #: A9223

AIR CARE INC.
Aviation Services

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.

Signed _____
Boggs Avionics, Inc. CRS#YOGR280Y

RADIO & ELECTRONIC CHECKS

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. Reworked				
		Pilots Door Locking Pin to Allow easier Handle Action				AP 471822555 Ch. Dry

28

ED BY:
CERT. NO.

7182255

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 SERVIC
02/23/00	9.9	Aircraft Graphic stripes applied Aircraft inspected (Exterior)	
		and Found to be in Airworthy condition And returned to	
		service	AP4718225
		END	
3/4/00	38.5	SERVICED OIL AND FILTER ADDED 15W-50 AEROSHELL	
		AND CH 48108 FILTER LEAK CHECK WAS GOOD. INSTALLED WHEEL	
		PANT TRIM RETURNED TO SERVICE FOR CIRRUS DESIGN DULUTH, MN.	
		Richard Guy Lauzon A&P 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 Guy Lauzon A&P 2527434.	
03-17-00	62.1	Repaired Copilots defective Hat trim switch	
		Performed operation check - Good IAW	CMM
		27-20 Aircraft Returned to service	AP4718225

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

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. Kiper
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 SERV

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 cordinator, 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 566531421 IA

MAINTENANCE RECORD
F.A.R. 43.9

TE OF PLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO
23-00	HOBBS: 225.4	INSTALLED PLACARD ON CONSOLE. INSTALL KIT 70007-001 FOR LOWER CABIN DOOR HINGE IN ACCORDANCE WITH SB. 20-52-01. VISUAL AND OPERATIONAL CHECK IS GOOD.	[signature] A&P 25

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

Reg # **145CD** Make: **Cirrus** 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.

[signature]
Authorized Signature

A&P 2975243 56 IA.

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
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	AHP271501024
6/28/00	T-298.2	INSTALLED -2- NEW RUBBER BUMPERS ON NOSE LANDING GEAR PN-#12936-001	4717008704P

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
08-11-00	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	Richard Guy Hamrin A&P 2527434
08-12-00	386.1	REMOVED AILERON AND LUBED BEARING AND INSPECTED FOR CRACKS AND REPLACED ON THE A/C VISUAL AND OPERATIONAL CHECK ARE GOOD	Richard Guy Hamrin A&P 2527434
08-15-00	400.8	REMOVED OUTSIDE DOOR HANDLE AND REPLACED WITH A NEW HANDLE. RE-FASTENED REAR PASSENGER SEAT AND ~~INSTA~~ RGG REMOVED PITCH COMPUTER P/N 12726-002 S/N 1374A AND REPLACED WITH A NEW PITCH COMPUTER P/N 12726-002 S/N 1102A VISUAL AND OPERATIONAL CHECK ARE GOOD.	Richard Guy Hamrin A&P 2527434

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
8/29/00	418.3	Removed Vac. pump M/N: 215CC, with a New Vac. pump M/N: 215CC, pump operationally tested - No Abnormalities Noted.	S/N: 2AT986 and Replaced S/N: 6AT3162. Vacuum Brinking A+P 2103841 LAHZ

Cardinal Wings
2800 Moran Ave
Louisville Ky 40205
502-459-6184

Reg# 145CD
Date: 11/09/010

Make: Cirrus
A/C Time: 502.00

Model: SR-20
S/N: 1020

Performed !00 HR inspection as per Cirruss Design maintenance maual 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.

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.

Date 11/9/00 David Birgman A+P 3596200 44

Jul 17 07 02:38p Air Care, Inc. 252-977-1905

Reg #: N145CD
Model: Cirrus SR20
Serial #: 1020
Work Order #: 19986

AIR CARE INC
Aviation Services

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.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

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

ISO AERO
SERVICE Inc.

ACFT N145CD
DATE March 18, 2007
TACH 1926.3

Removed and replaced vacuum pump with new RA215CC, serial number A25429. Operation and leak check OK.

AuthSign&Cert# A&P1824562
(O7576)_145CD103

SPARKCHASERS
Aircraft Services, Inc.
AIRFRAME LOGBOOK ENTRY

A/C MAKE: CIRRUS
A/C MODEL: SR20
A/C S/N: 1020

TACH TIME: ----------
HOBBS: 1997.30
A/C REG. #: N145CD

Reinstalled Garmin GNS430 Transceiver P/N 011-00280-00 s/n 96305207 repaired by Garmin International on WO (RMA) # 3741414, dated 6/11/2007. Determined proper configuration and set up accordingly. GNS430 system operational checked and found to function normally. WO# 98524 on file at Sparkchasers Aircraft Services, Inc., FAA CRS# XSPR699K.

Signed _____ Date 09/26/2007
CRS# XSPR699K

252-977-1905

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

ISO AERO SERVICE Inc.

ACFT N145CD
DATE 5Dec09
TACH

Replaced Oil Door Latches pn 50701- 002

AuthSign&Cert# A&P1580833 A&P1580833
(GJ7865 145CDa05

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

ISO AERO SERVICE Inc.

A/C N145CD
Cirrus SR-20 S/N 1020
Date: Sep2011
Current Time 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 0356803 A/c test flown and pilot reporter box ops. Ck. Normal.
------END----------

AuthSign&Cert# A&P1590933
iso\shop\log\wil\58469a15

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
21FEB00	7.0	

Production Flight Test accomplished in accordance with Cirrus

Procedure # 90500.

Name: Gene Marsolek Date: 21FEB00

Signature: Gene Marsolek

Title: Production Flight Test Pilot

SeaHawk Aviation, Inc

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: _____ Cert 3795511AP

INSPECTION RECORD
F.A.R. 43.11-91.409

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

Harvey B. Sadlovsky
DARF-501084CE

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

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 PLENUM BOX. SECURED PLUG UNDER FLOOR CO-PILOT SIDE. REMOVED AND REP ALL TIRES AND REPACKED BEARINGS. COMPLIED WITH SB 20-25-02 ADDING FLAMERETARDANT TO SEATS. REPLACED LANDING LIGHT AND CLAMP ASSEMBLY. COMPLIED WITH SB 20-76- CHECKED ROD END MEASURMENT. REPLACED LEFT LANDI GEAR SPACER UPPER BRACKET. ~~I CERTIFY~~ RGG

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

Richard Guy Lauzon A&P 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. [signature] 477700S10224
11-06-01	664.9	Annual Inspection: Changed instrument air filter, vacuum Pump air filter, 3 9volt instrument batteries (AB) & OAT/clock battery Performed SB20-32-01, 20-55-02, 20-55-04, 20-23-01, I hereby that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be airworthy Condition. Pertinent details are on file at this agency WO#091301-02 CDS YD5R055Y [signature]

DATE

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

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

DATE

DATE

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

ACCOMPLISHED SB20-01-00 GROSS WEIGHT INCREASE. ACCOMPLISHED SB 20-95-~~02~~,3 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: _____ DATED: 07-24-02

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

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 3-7-02 Registration: 145CD

Installed GTX327 S/N 83708593 as loaner, removed GTX320 S/N 83501520 for repaire

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.

_____ IA 2036848 11

For: Ron Collins Aviation Electronics
6103 Flightline Drive
CRS No. PG2R082L
Evansville IN 47725
Phone (812)425-2603
FAX (812) 425-2129

INSPECTION RECORD

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-ATTATCHED 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 Brutz

TRI-STATE AERO, INC. C.R.S. 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	9985	50000	
12000	11980		

RON COLLINS AVIATION ELECTRONICS
TESTED BY: AB QB **DATE: January 7, 2003**

Performed Biennial check required by FAR 91.413 on Garmin GTX 327 Transponder system #1 S/N 8370 5673 & #2 _____
Specifications were met per part 43 appendix F and were recorded on W.O.# 03-0012
Ron Collins Aviation Electronics Faa Repair Station #PC2R092L

1-13-03 [signature]
Date Authorized Signature

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

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 CR$ AHTR 102C
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 [signature] for RON COLLINS P62R082L

Para. (d) records by CR$ PG2R082L and
[signature] 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

N145CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1020,
HM: 991.8, ACTT: 991.8, WO 3154 & 3159.

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. INSTALLED NEW TURN AND BANK INDICATOR BATTERIES 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 SB 20-27-03 BY REPLACING THE RUDDER PEDAL TORQUE TUBE BRACKETS WITH NEW IMPROVED BRACKETS. INSTALLED FLAP EMI SUPPRESSION WIRE HARNESS IN ACCORDANCE WITH SB20-27-05.

CONTINUED ON NEXT PAGE

INSPECTION RECORD

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 Brett DATED: 1/17/03

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

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 Brett DATED: 2/6/03

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

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 Brett DATED: 1/26/04

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

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: Jeremy S Brutz

TRI-STATE AERO, INC. C.R.S. 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: Jeremy S Brutz

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

DATED: 5/21/04

DATE

DATE

N: 145CD **Make:** CIRRUS **Model:** SR20 **S/N:** 1020 12/07/04

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:** _____ **Date:** 12-07-04

Tri-State Aero, Inc. **CRS AHTR102C** **6101 Flightline Dr.** **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 was determined 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 1103.4

I certify that the altimeter(s)

ADC,	Left,	Right,
Mfg. —	Mfg. United Inst.	Mfg. —
PN# —	PN# 59340-3	PN# —
SN# —	SN# 407192	SN# —

has/~~have~~ been tested, inspected and found to comply with Appendix E, para. b of FAR 43.
The altimeter(s) was/~~were~~ tested to a maximum altitude of 20,000 feet.
I certify that the ATC transponder(s)

#1 Mfg. Garmin Model GTX-327 PN# 011-00490-00 SN# 83708593

#2 Mfg. — Model — PN# — SN# —

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 18,600 feet. This aircraft meets criteria outlined in FAR, part 43, Appendix E, Para. c.
I certify that the static system(s) pilot's/~~copilot's~~/~~alternate~~ was/~~were~~ 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

Signed for Carpenter Avionics, Inc. Repair Station RH4R492M

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

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

AIR CARE INC.
Aviation Services

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.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

5/20/06	1646.2	Replaced Brake pad linings (4) for both main tires. M Thomas PP 2691230

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

AIR CARE INC.
Aviation Services

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 34-0428070-64. Ops check normal. For further details see WO# 19537 on file this station.

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

ISO AERO
SERVICE Inc.

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 #_____ 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

Reg #: N145CD
Model: Cirrus SR20
Serial #: 1020
Work Order #: 19986

AIR CARE INC.
Aviation Services

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
		THE FOLLOWING 2ea STICKERS WERE RECEIVED + INPUTED - PLEASE EXCUSE THE DATES BEING OUT OF ORDER — — JTA. Uf.

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 — A3P 2795500
Shawn Trammell — 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 — A+P 2622628IA
John Cauton — A & P No. 2622628IA

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 DISSAPPROVING AIRCRAFT FOR SERVICE

ISO AERO
SERVICE Inc.

A/C	N145CD
Cirrus SR-20	S/N 1020
Date:	20 Sep 2007
Current Time	1995
FAR 91:411 Due :	DUE
FAR 91:413 Due :	DUE

Life Limited Components

	Due
ELT Battery Due :	Mar 2011
CAPS Rocket Motor	Feb 2010
CAPS Parachute	Feb 2010
CAPS Reefing Line Cutter	Feb2008
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

Note! Engine & Prop O/H this date. Eng by Teledyne, Prop by US Propeller WO 027340 Completed Annual Inspection in accordance with Cirrus Inspection Procedures. Inspecte and lubed controls. Complied with ELT operation check I/A/W FAR 91.207 par D 1-4 ar 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 cw ACS Ign. Sw. AD 93-05-06.Next due tt 3995. Repl 3 ea. Pn PC1604 Turn Cord. Batteries next due 2011. Resealed rear windows, replaced light in clock, resealed fuel ca flap travels cked 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. 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 an list of discrepancies and unairworthy items dated July 13, 2006 has been provided for the aircraft owner or operator.

Auth.Sign&Cert # _____ A&P 1580833IA

(R7642) iso\shop\log\iso\145Cda02

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

INSPECTI
F.A.R. 4

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INS SIGNATURE — CERT. NO. OF P

N145CD

I certify the ATC transponder test and inspection required by FAR 91.413 were performed this dat and found to comply with FAR 43, Appendix F.
Make GARMIN Model GTX 327 S/N 83708
Details of this inspection are on file at this repair station on WO# 051408 dated 5-6-2008
Signed _____ for
Powell Avionics, Inc. Fayetteville, NC
R/S PL4R444M

N145CD

I certify that the altimeter, each automatic pre altitude reporting system and static system ha inspected and tested as required by FAR 91.4
The altimeter has been tested to 20,000 ft.
Details are on file under WO# 051408
Date 5-6-2008 Signed _____
Powell Avionics, Inc. Fayetteville, NC
R/S PL4R444M

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

TACAir

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

CIRRUS

Authoriz Cirrus Se Cente

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 harn 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 furth 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-** (E) and Cirrus AMM78-20. **Next compliance due at 2368.2 Hobbs or before further flight if exhaust system is found defectiv 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 approved for return to service with regard to work performed.

Authorized Signature:		Jeremy A. Greene, A&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. Inspe
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 # _____ A&P 1580833IA

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

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	DATE

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 _____

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.

_____
Stephen M. Howard
A&P 523642820 IA

INSPECTION RECORD
F.A.R. 43.11-91.409

ISO AERO
SERVICE Inc.

CFT N145CD
ATE 24Nov09
ACH 2563.9

Repaired Inop. landing light - new fuse -. Removed L/H Mag. Dissembled, 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# 200.4 A&P1580833 A&P1580833
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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

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. Inspe and lubed controls. CW AD 08-11-18 Engine Exhaust Heat Muff cw via pressure ck. visual - no leaks noted. Replaced shock mount on landing light. Secured baffling land light area. Replaced 10 ea. Rusty screws tail section with stainless. Replaced Vac. filt B3-5-1 & RAD9-18-1 System vac. filter. Resealed brake wheel cylinders & bleed bra 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 # _____ A&P 1580833IA

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

RAPCO, inc.

Filter P/N _____

anged at:	Next Change:
_____ Hrs.	_____ Hrs.
e: 12/2009	Date: _____

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
		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 bumbers 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: Chad Stapler 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 ——

Model —— S/N ——

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 Chrtkd 5934PD-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

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.

ACFT N145CD Replaced 2ea. 50127-001 Trim Switches System Ops. Ck.

DATE 17Feb2012 Normal End

TACH

AuthSign&Cert# A-01590933 A&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

ISO AERO
SERVICE Inc.

A/C
Cirrus SR-20 N145CD
Date: S/N 1020
Current Time Sep2011
FAR 91:411 Due : 2942
FAR 91:413 Due : Aug2013
Aug2013

Life Limited Components

	Due
ELT Battery Due :	Sep
CAPS Rocket Motor	IS Due
CAPS Parachute Sys.	IS Due
CAPS Parachute reefing Cutters Due	
Turn Cord. Batt. Annual	Sep2012

Recurring AD's

		Due
AD 08-11-18 Ex. Muffler ck.		3042
AD 93-05-06	ACS	TT 3995
FAR 91.207 Due Sep2012		

Completed Annual Inspection in accordance with Cirrus Inspection Applicable Procedures. Inspected and lubed controls. CW AD 08-11-18 Engine Exhaust Heat Muff cw via pressure ck. & visual – Replaced muffler & shroud (kit 70201-001 SB 2X-78-07 R1). Replaced shock mount Bracket on landing light. Replaced Vac. filters B3-5-1 & RAD9-18-1.Installed 4 ea. Brake linings pn 66-14100. Fuel and Oil flex lines dated 2007 Due 2015. Replaced Turn Cord Batteries 9V MN1604 – Ops ck normal. Replaced ELT Batteries. Gascolator seals inspected – looks new. Replaced ACU MC02-1 sn D67207. required CAPS Eq. Scheduled for replacement by Owner.
Complied with ELT operation check I/A/W FAR 91.207 par D 1-4 and found airworthy.
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 has been determined to be in an airworthy condition.
Auth.Sign&Cert # A1580833 A&P 1580833IA
Notes Replace following F/A Ch 5 Optional iso\shop\log\iso\145Cda13
Induction Air Filter on B/O
Fuel Boost Pump 5 yr. deferred by owner Insp Ops. Ck. Good.
Fuel drain seals 5 yr. replacement deferred by owner Ops. Ck good.
Brake flex lines 5 yr. replacement deferred by owner Lines found serviceable .
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 SERVIC

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:_____ Cert# A&P3403532

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

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 SE

AIR WILMINGTON

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# PN# 301-249-006 and tubes PN# 097-500-0. Torqued wheel half's 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

The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations

AIR WILMINGTON

Date: 11/02/2020; 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

Shop Order #: NRS-17345, Closed: 10/27/2020

Complied with an Annual Inspection per FAR 43 Appendix D. Referenced the SR-20 Inspection Checklist.

Completed AD research through Bi-weekly update 2020-21, 9/28/2020 - 10/11/2020. See AD Compliance record for a list of applicable ADs.

C/W Annual ELT inspection requirements per FAR 91.207 (d) for proper installation, battery corrosion, operation of the controls and crash sensor and the presence of a sufficient signal. No defects noted. Next inspection due at: Oct 2021.
ELT: ACK Model E-01. New batteries installed PN# MN-1300 (8ea). Next battery replacement due Oct 2022.

C/W AD2008-11-18 Exhaust pressurization inspection/check. Amendment:39-15541dated 07 Jul 2008. C/W by pressure check and visual inspection IAW SB 2X-78-07 R1 and MM 78-20. No damage/cracks or leaks found. AD recurring at 100 hours. Next due: 3877.3 ACFTT.

C/W AD 2006-21-03 Brake inspection: Amendment 39-14787 dated 17 Nov 2006. Para (e)(1) C/W 11/22/06 at 1834 hrs see front of log book. C/W (e)(2) by installing new brake O-rings PN#M83461/1-224 both left and right side 02 Nov 20. C/W (e)(3) by installing new new temp labels PN# 13595 (2ea) and 13596 (2ea) 02 Nov 20. C/W (e)(4) by placing POH Revision A6 into POH on 02 Nov 20. (e)(3).

AD 2006-19-10 Crew seats: Amendment # 39-15541 dated 24 Oct 2006. Para e(1) C/W ISO AERO 9/27/2007 @ 1995 hours. e(2) must comply with 2X-25-06 R4 (R1 was c/w 12/07/2004 @ 1321.5 hours SB 2X-25-06 R4 states that "Operators who have successfully C/W the original release of this SB or subsequent revisions need take No Further Action"

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.)
				AD 2008-14-03 in-flight cabin door separation. Amendment: 39-15608 dated Aug 14, 2008. SR20 1423 through 1906 - N/A this SN#. No further action required.
				CHT bounces, secured wire to CHT probe as required.
				Alternator wire has un-airworthy splice to large, wire, needs to be replaced with correct gauge of wire. Replaced 3 splices and mis-matched wire with M22759/16-18 and new end terminal and heat shrink.
				LH bottom cowl hole chafed through. Applied speed tape to prevent chafing.
				RH wing aft white nav light inop.RH wing aft white nav light inop. Replaced bulb with new PN# 34-0428070 -64, ops checked good.
				Fire extinguisher discharged. Replaced fire extinguisher with new PN# RT-A600.
				Multiple exterior placards illegible. Replaced the following placards: PN# 15648-2(2ea), 12431-001(4ea), 12432-001, 12435-001, 15592-001, 12435-002, 15592-002, 12433-001(2ea), 12437-007 (2ea).
				Rear seat, three pins missing. New pins installed PN# 51170-001 (3ea).
				Nose tire dry rotted. Replaced nose tire and tube, Goodyear 5.00-5 6 ply PN# 505C61-8, SN# 00340357, and tube Michelin PN# 097-908-0 serviced tire with dry Nitrogen.
				Fuel selector drain line not connected.Re-attached as required, installed new piece of tygon tubing.
				Replaced LH and RH brake disc new PN# RA164-24400, pads PN# RA066-14100 (4ea) and rivets PN# RA105-00200 (12ea).

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 DLK Aviation Invoice #21397

AIR WILMINGTON

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

Shop Order #: NRS-17574

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.

Aircraft un-airworthy after annual. Applied for ferry permit. Permit issued 20 Nov 2020. The permit allows a one time flight from KILM to KRYY. 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.

"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. "

Pertinent details are on file under the work order NRS-17574

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

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

DLK Aviation - Items Due
CAPS: 11/2030
Rocket: 8/2030
Linecutters: 8/2026
#2 Batteries: 12/2022

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

EAR
ATE

DLK AVIATION
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

Pg

*** 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

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

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:

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR-389K

ALTIMET PRESS	
LEFT	Garmin G5
S/N:	1360
DATE:	09/02/20
	F

ALTIMET PRESSI	
LEFT	United 593
S/N:	9071
DATE:	09/02/20
	F

THE ATC TR 91.413 WERE PART	
TRANSPOND #1	
TRANSPOND #2	
DATE:	09/02/2021

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

N145CD **10/7/2022** **Tach- 4034.40**

1. Replaced right taillight
2. Replaced right taillight socket.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

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

N145CD **11/16/2022** **Tach- 4070.20**

1. Reinstalled plastic cover on starter solenoid.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

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

45CD
rforme
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 0. 1.

Description of Inspections, Tests, Repairs and Alterations

N145CD **2/7/2023** **Hobbs- 4075.30** **AFTT- 4075.30**

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 left inboard wheel pant bracket with new.
3. Replaced upper right gear leg fairing inside mount with new.
4. Fabricated section of wheel pant that was chipped away on right main lower inside.
5. Re-glued right gear leg center mount.
6. Replaced spinner and spinner bulkhead with new.
7. Installed rivet in forward right engine mount baffle.
8. Tightened landing light upper mount screw.
9. Installed raja covers on alternator posts.
10. Stop drilled cracked baffle above #6 cylinder.
11. Adjusted Adele clamp and zip tied up ground strap to prevent chafing on fuel line.
12. Stop drilled cracks on baffle, left rear of engine at oil cooler flange.
13. Cleaned corrosion off of right elevator lower side and touched up paint.
14. Replaced left strobe / nav light lens and housing with serviceable parts.
15. Replaced left strobe light on wing tip.
16. Tightened both fuel sending units to prevent seeping.
17. Installed 3 new owner provided nose strut shock absorbers.
18. Removed and replaced ELT mount and antenna cable with new. Removed and replaced ELT box tape with new after cleaning co battery leakage.
19. Removed unused vacuum system and installed block off plate for vacuum pump, capped firewall fitting, and removed associated
20. Installed new induction air filter.
21. Stop drilled right engine baffle cracks and fabricated doubler to prevent future cracks.
22. Installed improved starting circuit kit per SB 20-73-002.
23. Installed new bearing and race on right main gear outboard side.
24. Replaced all worn out brake pads with new. Replaced discolored right main brake caliper temperature stickers with new.
25. Replaced broken defrost control rod with new.
26. Replaced passenger side air duct from dash to aft seat.
27. Pressurized exhaust heat exchanger to check for leaks. AD 2008-14-13 next due 4175.3.
28. Complied with AD 93-05-06, next due 6075.3.
29. Repaired fiberglass intake inlet that chafed almost through.
30. Repaired left mag ground wire with new connector.
31. Installed Adele clamps on cylinder drain lines to prevent chafing on engine mount.

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)

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.
870 15.75 Road
Delta Co 81416

Chad Dawson
A&P 3432546
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.
870 15.75 Road
Delta Co 81416

Ronald G. Widner
A&P4122877IA
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. Resecured nose gear leg faring hinge.

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.)

N145CD **3/17/2023** **Hobbs- 4084.6**

1. Set nose wheel caster to proper pressure.
2. Balanced nose tire.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Ronald G. Widner
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N145CD **8/30/2023** **Hobbs- 4139.4**

1. Reinstalled landing light with serviceable hardware.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Chad R. Dawson
A&P 3432546
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.
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)

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 airframe 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.)

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

UAE
University Air Center

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

N145CD
MAKE: Cirrus
MODEL: SR20
S/N: 1020
HOBBS: 4310.7

1. Pilot reports alternator inop in flight. Inspected and found power terminal to alternator broken. Removed and replaced terminal, opc 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

spections, Tests, R
rsed with Name, Rating
Facility. (See back page

-1,000	-1000	14,000	14015
0	Ø	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	45000	
10000	10005	50,000	
12000	12010		

~~OMEGA Avionics CRS#OXDR947X~~ DNT Avionics CRS # 6DNR88IC G5 HSI

N# 145CD Tested by Nathaniel Pinson

Date 6-13-2024 ALT S/N 4JQØ45256 W/O# 701P8

-1,000	-1000	14,000	14020
0	Ø	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	45000	
10000	10010	50,000	
12000	12020		

~~OMEGA Avionics CRS#OXDR947X~~ DNT Avionics CRS # 6DNR88IC G5 ATT

N# 145CD Tested by Nathaniel Pinson

Date 6-13-2024 ALT S/N 4JQØ45636 W/O# 701P8

-1,000	-1000	14,000	13995
0	Ø	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	45000	
10000	9980	50,000	
12000	11985		

~~OMEGA Avionics CRS#OXDR947~~X DNT AVIONICS CRS# 6DNR881C MAZN

N# 145CD Tested by Nathaniel Linson

Date 6·13·2024 ALT S/N 407195 W/O# 7Ø1P$

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 G5 ATT S/N 4JQØ45636

Alt/ADC 2 Model G5 HSI S/N 4JQØ45256

Alt. tested to 20k ft. Encoder tested to 20k ft.

Transponder #1 Model GTX 345 S/N 3EGØ28563

Transponder #2 Model NA S/N NA

~~Standby~~ Alt. Model 5934D-3 S/N 407195

MAZN

Pertinent Details are filed under W.O. 7Ø1P$

A/C TTAF 4210.7

DNT Avionics
CRS #6DNR881C

Signature Nathaniel Linson dated 6·13·2024

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.)

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

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.)

06/03/2025 N145CD S/N: 1020 HM: 4383.3
ACTT: 4383.3 ETSMOH: 0.00 PTSMOH: 0.00

Performed an Annual Inspection I/A/W 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

Coastal Aircraft Services
Gulf Shores, AL

NEXT PAGE →

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterati** Entries must be endorsed with Name, Rating and Certificate Numbe Technician or Repair Facility. (*See* back pages for other specific ent
				06/03/2025 N145CD S/N: 1020 HM: 4383.3 ACTT: 4383.3 ETSMOH: 0.00 PTSMOH: 0.00 well nuts in aircraft. Repaired leaking left master cylinder brake leak. All ground checks were satisfactory. I certify that this aircraft has been inspected in accordance with an Annual Inspection and is determined to be in an airworthy condition at this time. Bryant Hamm A&P 3508729 IA Coastal Aircraft Services Gulf Shores, AL

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.)

10-17-2025 Tail# 145CD

Airframe: Cirrus Model: SR 20 SN: 1020 Flight Hobbs: 4481.3

Aircraft experienced flat tire while taxing towards KHEG FBO. Moved aircraft to safe location. Removed right side tire. Disassembled. Replaced damaged tube with new PN: 15x6.0-6. Assembled and inflated accordingly. Brake liners for both calipers were at or past the wear mark. Replaced all liners with new PN: 066-10600. Function checks ok. Aircraft returned to service on this date.

Robin Rivera, AP 4102580 IA

11/01/2025	N145CD	SN:1020	Hobbs 4492.7	
Performed 100 hr inspection IAW FAR 43 Appendix D and Cirrus SR20 service Manual				
And Continental service Manual. Serviced engine with 8 quarts of Philips SAE 20W50				
Oil, Cleaned and gapped spark plugs. Performed compression check on engine				
78/80 76/80 78/80 76/80 78/80 80/80. Checked timing. Complied with				
AD-2005-11-18 Next due at 4592.7. I certify this aircraft was inspected				
IAW 100 inspection and is determined to be Airworthy				
	M. Stocker	A&P IA 3035741		

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.)

Date: 8/12/2025
Tail No.: N145CD
AircraftM/M: Cirrus SR20
Aircraft S/N: 1020
Hobbs: 4421.3

FLIGHT CONTROL SERVICES OF FLORIDA, INC.
CRS# OFHR414L

Troubleshot inoperative G5 backup batteries. Installed new backup batteries in both G5s. Performed operational check of installed equipment. No change to weight and balance. ******END********

Joel Maxson

Joel Maxson CRS#OFHR414L
Flight Control Services of Florida, Inc.

FCS Work Order #: 21169

CIRRUS N145CD

H and H PROPELLER SERVICE, INC.

FAA -PS4R451M

Burlington - Alamance Regional Airport
Burlington, NC 27215

Propeller Logbook
(336) 227-1467
1-800-334-6437

DESCRIPTIONS OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		May 13, 2025, HUB: BHC-J2YF-1BF/F7694 SN: EF216B TT: UNK TSO: 0.0 Overhauled propeller in accordance with Hartzell Manuals: 113B,159 and 202A. All other current service information complied with as of this date. NOTICE: An Airworthiness Directive may apply to the installation of the propeller described hereon. The installer is responsible for ensuring complete compliance with any applicable installation Airworthiness Directive. Airworthiness Directive (OVERHAUL) The aircraft propeller or appliance identified above was serviced in accordance with Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order Number (25-2836) Signed_____, for AIR PROP SPECIALISTS, INC. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446	

DESCRIPTIONS OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

06/03/2025 N145CD S/N: 1020 HM: 4383.3
ACTT: 4383.3 ETSMOH: 0.00 PTSMOH: 0.00

Removed and reinstalled this propeller due to Overhaul completed by Air Prop Specialists, Inc. CRS# IX4R274M. Installation performed using new hub seal and locking nuts. All ground checks were satisfactory.

I certify that this propeller has been inspected in accordance with a 100 Hour Inspection and is determined to be in an airworthy condition at this time.

Bryant Hamm A&P 3508729

Coastal Aircraft Services
Gulf Shores, AL