

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design MODEL SR 20 DATE OF MFG. MAY 2002

SERIAL NUMBER 1207 REGISTRATION NUMBER N877ED

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.

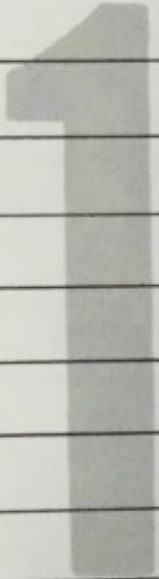
OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL	IO360ES6	R L 357456
ENGINE			R L
PROPELLER	HARTZELL	PHC-J34F- IRF/F7392-1	FP1713B
PROPELLER			
ENGINE			
ENGINE			
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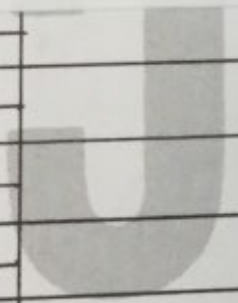


LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

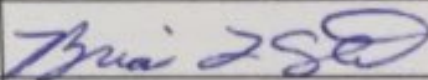

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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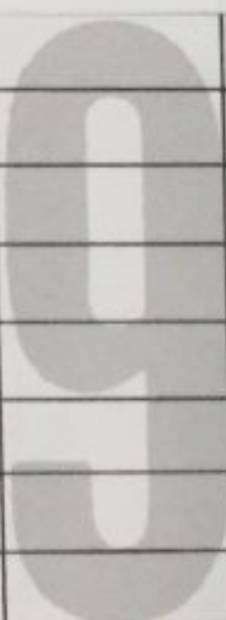
Life Limited Parts SR20

PART NAME	PART NUMBER	SERIAL NUMBER	EXPIRES	
CAPS Rocket Motor	12582-104	S/N 0436	4-2012	Replaced 3/2/2012 NEXT DUE 2/7/2022
CAPS Parachute	12582-101	S/N 0205	2-2012	REPLACED 3/2/2012 NEXT DUE 1/2022
CAPS Reefing Line Cutters	5212	Tosok002007 LOT	2-2005 10-2007	Replaced 10/9/2007 NEXT DUE 10/2013 Replaced 9-17-13 Next Due: 7-2019
ELT Batteries	MN1300	Date Installed MAY 2002	MAR 2008	3/2017 6/2019
Turn Coordinator/Roll Computer Batteries	MN1604	Date Installed MAY 2002	MAY 2003	3/2013



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.
		5/30/02 7.1 HRS	Searched AD's through bi-weekly issue <u>2002-10</u> . All AD's are in compliance at this time.			 



ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY AGENCY CERT
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checked pitot
and static
systems after
maintenance

I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO 18,000 Feet. 6-28-02

Transponder: Mfg. Model S/N

Encoder: Model P/N S/N

Altimeter #1: Mfg. Garmin P/N 12731-00 S/N 425081

Altimeter #2: Mfg. P/N S/N

NORTH COUNTRY AVIATION CRS KH5R988M

Signature [Signature] for KH5R988M

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
5-30-02	8.6 hrs.	FLAP HINGE FAIRINGS P/N'S 12423-001, -002 AND -003 REPLACED WITH HINGE FAIRINGS P/N'S 15065-001, -002, -003 RESPECTIVELY REF: MAINT. MAN. 57-50, pg. 6 AND C.D.C. DRAWING 10754, REV D, ECN 10.	Ken W. Hight, A+P 475900231
5-30-02	8.6 hrs	Adjusted Exhaust Ball Joint Tension's and Tail Pipe Tip clearance Per MM 78-10. Re-tightened Ball Joint Bolt's	Brett J. Walker, A+P 266 1193
5-31-02	9.5	Performed SID 97-3 Fuel Flow adjustment and performed adjustments to engine rigging	Pertinent details are on file at this agency under Work Order # <u>0530291</u> Date <u>5/31/02</u> Signature <u>Chf. [Signature]</u> Cirrus Design Factory Service Center Duluth, MN Repair Station Cert. No. YD5R855Y
5/31/02	11.0	Removed & Replaced Airspeed Indicator. Removed Indicator P/N KAS175-25 PTL-CIR & S/N T41940B, and Installed P/N KAS175-25 PTL-CIR & S/N T41937B. Also performed a Pitot-Static leak check. ops checked good.	Nicholas C. Invernere 471040479A & P

MAINTENANCE RECORD

F.A.R. 43.9

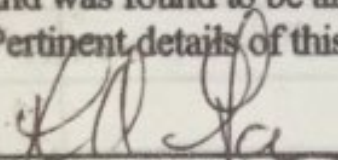
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Date: 08/16/02 Make: CIRRUS Model: SR20 N# 871CD

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. 02-1445


 For: Ron Collins Aviation Electronics

6103 Flightline Drive
 Evansville, IN 47711
 CRS No. PG2R082L

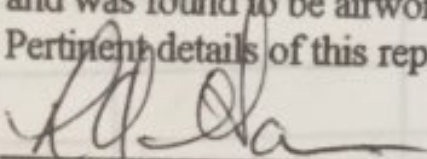
Phone (812) 425-2603
 FAX (812) 425-2129

Date: 09/12/02 Make: CIRRUS Model: SR20 N# 871CD

REPLACED TURN COORDINATOR SER# 13387G WITH WARRANTY EXCHANGE UNIT SER# 10471E. 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. 02-1580


 For: Ron Collins Aviation Electronics

6103 Flightline Drive
 Evansville, IN 47711
 CRS No. PG2R082L

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

MAINTENANCE RECORD

D/
COM

N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 95.9, WO 2841.

FICATE NO.
URNED TO SERV

CLEANED CHT PROBE TO GET PROPER GROUND TO CYLINDER HEAD. INSTALLED NEW LIGHT ASSEMBLY FOR RIGHT OVERHEAD LIGHT. RESHAPED AIR FILTER "Y" PIPE INTAKE TUBE. INSTALLED NEW AILERON ROLL TRIM MOTOR.

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

DATED:

9/13/02

N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
TACH: 107.4, ACTT: 107.4, ENG TT: 107.4, ENG SOH: 107.4, WO 2933.

COMPLIED WITH SB A20-27-06 BY REPLACING THE SELF LOCKING NUT ON THE AIELERON TRIM CARTRIDGE, AND ON THE RUDDER TRIM CARTRIDGE. INSTALLED NEW ENGINE TACHOMETER.

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

DATED:

10/14/02

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>LOG BOOK ENTRY DATE: 11/16/2002</p> <p>MAKE: CIRRUS TOTAL TIME: 118.4 N#: N871CD MODEL: SR20 HOBBS TIME: 118.4 S/N: 1207</p> <p>Adjusted prop. hub IAW Hartzell M.M. ch.61-00-15, Rev.5, pg.404. Re-rigged engine controls to meet RPM requirements IAW Cirrus M.M.ch.76-10,& 61-20. Installed new tach, P/N 12620-002, S/N 144(H), IAW Cirrus M.M.ch.77-10. Installed new S-TEC 55X auto-pilot, P/N 12721-003, S/N 4306, IAW Cirrus M.M.ch.22-12. Installed new CHT probe, P/N12637-001, IAW Cirrus M.M.ch.77-20. Installed new OIL/TEMP. gauge, P/N 12619-001, S/N 485, IAW Cirrus M.M.ch.79-30. Removed excessive adhesive on fuselage & wing root fairing areas IAW standard maint. practices. Lubricated rudder pedal hinge points IAW Cirrus M.M.ch.12-20. Installed new Turn Coordinator, P/N12733-001, S/n 1277, IAW Cirrus M.M.ch.22. Installed new Roll Trim Motor, P/N 12546-001, S/N 0761, & checked all control cable tensions,& Control surface travels, IAW Cirrus M.M.ch.27-10. Installed new Oil Temp. Probe IAW Cirrus M.M.ch.76-10.</p> <p><i>The work identified above was performed in accordance with the current Federal Aviation Regulation and was found to be airworthy for return to service. Pertinent details are on file at this agency under;</i></p> <p>W/O#: 110702-03 SIGNED <u><i>Paul K. Cahill</i></u></p> <p style="text-align: center;">Cirrus Design Factory Service Center, CRS# YD5R855Y, 4515 Taylor Circle, Duluth, MN 55811</p>	

MAINTENANCE RECORD

N871CD, MAKE:CIRRUS, MODEL:SR20, S/N:1207,
HM:150.3, ACTT:150.3, WO 3329.

DATE COMPLETED

DATE NO. ED TO SERVICE

COMPLIED WITH SB 20-57-02 BY INSPECTING LH AND RH OUTBD AILERON HINGES FOR TOOLING MARKS. FOUND NO TOOLING MARKS NO ACTION REQUIRED. COMPLIED WITH SB 20-52-02 BY DRILLING REQUIRED DRAIN HOLES IN BOTH CABIN DOORS AND IN BAGGAGE DOOR. SEALED HOLE EDGES WITH PAINT. COMPLIED WITH SB 20-55-08 BY ENLARGING DRAIN HOLES IN RUDDER BOTTOM AND ELEVATOR TIPS. REMOVED ENGINE TACHOMETER PART#12620-002, SERIAL #144. INSTALLED TACHOMETER PART #12620-002, SERIAL #005.

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

DATED: 3/14/03

N871CD, MAKE:CIRRUS, MODEL:SR20, S/N:1207,
HM:150.3, ACTT:150.3, ENG TT:150.3, WO 3330.

COMPLIED WITH SB 20-73-02 BY INSTALLING IMPROVED STARTING CIRCUIT KIT PART NUMBER 70037-001 PER INSTRUCTIONS IN SERVICE BULLETIN. OPERATIONAL CHECK OF PRIMER SYSTEM GOOD.

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

DATED: 3/18/03

N871CD, MAKE:CIRRUS, MODEL:SR20, S/N:1207,
HM 150.6, WO 3361.

DATE OF
COMPLETION

NO.
TO SER

INSTALLED TACH GENERATOR MODEL# TGO100-0501,P/N 12630-001, S/N 195

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:

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

DATED:

3-27-03

N871CD, MAKE:CIRRUS, MODEL: SR22, S/N: 1207,
HM: 177.9, ACTT: 177.9, WO 3523 & 3524

COMPLETED ANNUAL INSPECTION. COMPLIED WITH **SB 2X-32-06** INSTALLATION OF NOSE WHEEL PANT COUNTERSUNK WASHERS. REPLACED TURN AND BANK INDICATOR BATTERIES. REPLACE ENGINE INTAKE AIR FILTER. COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATOR TRANSMITTER AS REQUIRED BY F.A.R. 91.207 (D). REPLACE CENTRAL VACUUME FILTER. REPAIRED AND PAINTED RIGHT INBOARD WHEEL FAIRING. COMPLIED WITH **SB 20-55-07** FOUND FOAM SPACER NOT THERE, NO FURTHER ACTION REQUIRED. COMPLIED WITH **SB 2X-57-04** FOUND BOTH RIGHT AND LEFT AILERON OUTBOARD HINGE CLAMP-UP TO BE SATISFACTORY, NO FURTHER ACTION REQUIRED. TIGHTENED ALTERNATOR BELT. INSTALLED NEW #2 ALTERNATOR P/N 65-3344 S/N F-100204 FROM TCM ON THEIR W/O # P39853. SECURED CENTER POST ON RIGHT AND LEFT OUTBOARD FUEL TANK SENDING UNIT AS NEEDED TO STOP FUEL SEEPAGE. INSTALLED NEW LAMP FOR INOPERATIVE LEFT WING TIP RECOGNITION LIGHT.

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

DATED:

7/8/03

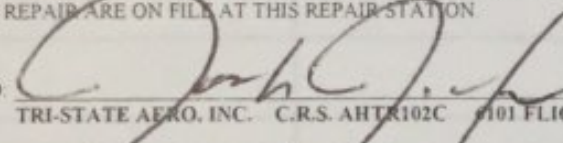
MAINTENANCE RECORD
N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 193.4, WO 3636.

DA
COMF

REPAIRED NOSE GEAR FORWARD AND AFT PANT AND PAINTED, INSTALLED NEW ACCENT
DECALS. INSTALLED NEW CHT PROBE. SECURED NOSE GEAR WHEEL PANT BRACKETS.

ICATE NO.
RND TO SERVICE

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.

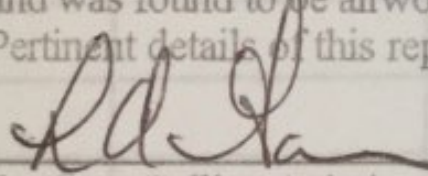
SIGNED: 
TRI-STATE AERO, INC. C.R.S. AHTR102C 101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 08-08-03

Date: 8/7/2003 Make: CIRRUS Model: SR20 N# 871CD

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. 03-1409


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

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

MAINTENANCE RECORD

D.
CON

N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 227.5, WO 3855.

CERTIFICATE NO.
TURNED TO SER

DYNAMICALLY BALANCED PROPELLER FROM 0.19 IPS TO 0.03 IPS.

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 AERIAL, INC. C.R.S. AHT102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 11/4/03

04/28/04 HOBBS: 300.6 N871CD CIRRUS SR20 S/N 1207 WO: 017403W
REMOVED RIGHT MAIN GEAR FAIRING; FABRICATED NEW CLIP USING 2024T3, .025 ALUMINUM AND INSTALLED USING QTY 2) S2457-4-2 CHERRY RIVETS AND NEW WELL NUT P/N G1032. REINSTALLED FAIRING ALL WORK ACCOMPLISHED IN ACCORDANCE WITH AC43.13-1B, CHAPTER 4, SECTION 4, AND CIRRUS MAINTENANCE MANUAL.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER THE ABOVE REFERENCED WORK ORDER.

SIGNED [Signature] FOR

EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 21 June 04 Registration: N871CD
REPLACED LAMP IN SANDER HST, S/N 3987.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 04-1156
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.

[Signature]

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

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

MAINTENANCE RECORD

F.A.R. 43.9

SCALE CORRECTION

ALT S/N 425081

MASTER	ALTIMETER	MASTER	ALTIMETER
-1000	-1000	14000	14970
0	0	16000	15970
500	500	18000	17980
1000	1000	20000	20010
1500	1500	22000	
2000	2000	25000	
3000	3000	30000	
4000	4000	35000	
6000	5985	40000	
8000	7985	45000	
10000	9970	50000	
12000	11960		

RON COLLINS AVIATION ELECTRONICS

TESTED BY: **AB QB** DATE: July 27, 2004

FOR
SED

Performed Biennial check required by FAR 91.413 on ~~247141N~~ **GTX327** Transponder system #1 SN **83709398** & #2 SN **W. O. #04-1379** Ron Collins Aviation Electronics, Evansville, Indiana 47725
 FAA Repair Station # **PG2R082L7-2804**

Specifications were met per part 43 appendix F and were recorded on
 Date July 27 2004
 Authorized Signature *[Signature]*

I Certify the Altimeter a ~~Tests~~ Tests

required by FAR part 91.411 have been performed

#1 Altimeter was tested to 20 K feet on JUL 27 2004

#2 Altimeter was tested to 1 K feet on JUL 27 2004

#1 Data correspondence to 20 K feet on JUL 27 2004

#2 Data correspondence to 1 K feet on JUL 27 2004

Ron Collins Aviation Electronics, Evansville, Indiana 47725

FAA Repair Station # **PG2R082L7-2804**
 Date July 27 2004
 Authorized Signature *[Signature]*

AGENCY & CERTIFICATE NO.
 NEEDED TO SERVICE

INSPECTION RECORD

F.A.R. 43.11-91.409

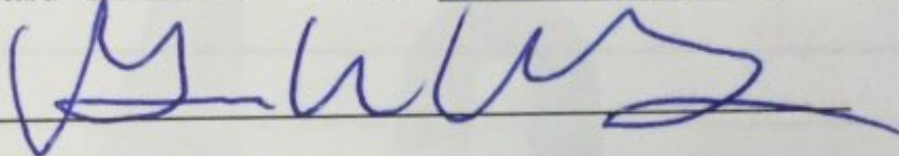
DATE AIRCRAFT TIME IN SERVICE KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

30MAY02

7.1

Production Flight Test accomplished in accordance with Cirrus Procedure #90500.

Name: Gerald Grimsbo Date: 30MAY02

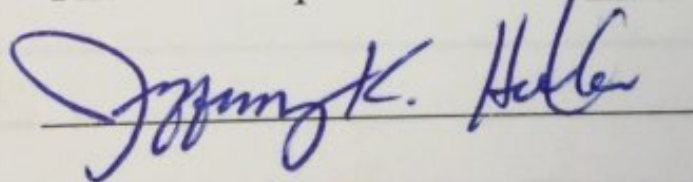
Signature: 

Title: Production Flight Test Pilot

5/30/02

7.1

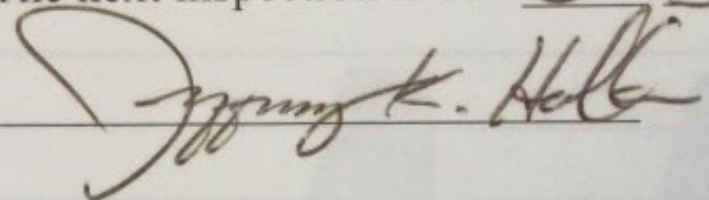
I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 5 / 30 / 02.
The next inspection is due 5 / 31 / 03.



Jeffrey K. Holter
DMIR410073CE

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
6/25/02	14.4	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>6 / 25 / 02</u> . The next inspection is due <u>5 / 31 / 03</u> .
		
		Jeffrey K. Holter DMIR410073CE
		44

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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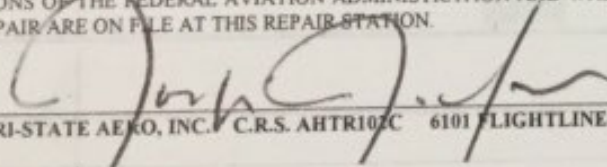
**N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 349.2, ACTT: 349.2, ENG TT: 349.2, WO 4472 4455 4462.**

COMPLETED ANNUAL INSPECTION, CIRRUS SR20. REMOVED, AND REINSTALLED ALTIMETER FOLLOWING COMPLIANCE WITH F.A.R. 43 APPENDIX E, PARAGRAPHB, BY R.C.A.E. CRS PG2R082L, AND ASSISTED WITH COMPLIANCE OF PARAGRAPH C. THE PILOT'S STATIC INSTRUMENT SYSTEM WAS SATISFACTORILY TESTED IN ACCORDANCE WITH F.A.R. 43 APPENDIX E. PARAGRAPH (A). COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATOR TRANSMITTER AS REQUIRED BY F.A.R. 91.207 (D). INSTALLED NEW OAT/CLOCK BATTERY. REPLACED TURN AND BANK INDICATOR BATTERIES. INSTALLED BOTH MAIN TIRES, CHECKED AND BALANCED ASNEEDED. INSTALLED ALL NEW LININGS ON BOTH BRAKES. INSTALLED REPLACEMENT EMERGENCY LOCATOR TRANSMITTER BATTERY, NEXT DUE AT 07-2006. INSTALLED NEW VACUUM SYSTEM AIR INLET FILTER. INSTALLED NEW LAMP IN LEFT NAVIGATION LIGHT. INSTALLED NEW RIGHT INBOARD FLAP FAIRING. INSTALLED NEW CLIP ON RIGHT GEAR UPPER FAIRING. REPAIRED AND RE-PAINTED LEFT GEAR WHEEL PANT FAIRING. INSTALLED NEW CABIN HEAT BOX. REMOVED NOSE GEAR FAIRING FOR REPAIR. COMPLIED WITH SB 2X-25-05 RELEASE OF AM SAFE MANDATORY SB'S 504907-25-02 AND 504491-25-01. COMPLIED WITH SB A2X-25-08 CREW SEAT BREAK-OVER BOLT ADJUSTMENT PER CIRRUS INSTRUCTIONS. COMPLIED WITH SB 2X-27-08 R1 TRIM CARTRIDGE LUBRICATION AND MODIFICATION. COMPLIED WITH SB 2X-28-02 R1 FUEL SELECTOR VALVE EXTENTION SHAFT REPLACEMENT.

CONTINUED ON NEXT PAGE

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. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

08-06-04

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

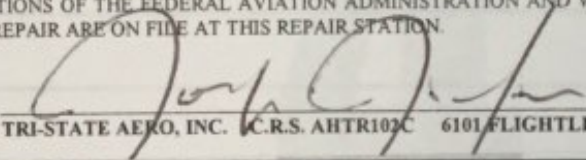
AIRCRAFT TIME
IN SERVICE

**N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 349.2, ACTT: 349.2, ENG TT: 349.2, WO 4472 4455 4462.**

COMPLIED WITH SB 2X-55-10 HORIZONTAL STABILIZER INSPECTION HOLE CLOSEOUT. SB 2X-80-01 N/A DUE TO STARTER P/N. COMPLIED WITH SB 2X-95-07 CAPS BULKHEAD 222 PLACARD INSTALLATION. COMPLIED WITH SB 2X-95-08 CAPS LINE CUTTERS LOGBOOK ENTRY CORRECTION MADE REPLACEMENT DUE 10-2007. CHECKED THE FLIGHT CONTROL TRAVELS AND ADJUSTED AS NEEDED. RE TORQUED LOWER ENGINE MOUNT TO FIREWALL BOLTS. COMPLIED WITH SB 2X 32-08 BRAKE-LINE INSPECTION AND ANTI-CHAFE SPACER INSTALLATION. LUBRICATED THROTTLE CONTROL AT ROD END AND CENTER CONSOLE. RETORQUED BOLTS ON PILOT'S AND CO-PILOT'S YOKE CROSS SHAFT. EXTENDED PILOT'S LOWER DOOR PIN. INSTALLED A NEW INDUCTION AIR FILTER. ADJUSTED ENGINE IDLE MIXTURE AS NEEDED. REPLACED LEFT AILERON OUTBOARD HINGE BRACKET AND BEARING.

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. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

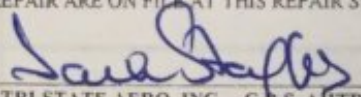
08-06-04

**N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,
HM: 366.6, WO 4582.**

INSTALLED NEW NOSE WHEEL FAIRING ASSEMBLY.

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. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

9-8-04

N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 1207,

HM: 403.0, W.O.# 4857, 4858.

COMPLIED WITH CIRRUS SERVICE BULLETIN 2X-25-05 R1 SEATS RELEASE OF AM-SAFE MANDATORY S.B. 504907-25-02 AND 504491-25-01, 2X-25-06 R2 CREW SEAT RECLINE LOCK INSTALLATION, 2X-25-07 DUAL INERTIA REEL SEAT BELT INSTALLATION AND 2X-28-03 FUEL SELECTOR VALVE EXTENSION SHAFT SLEEVE INSTALLATION. APPLIED ALUMINUM TAPE ON BOTTOM ENGINE COWLING AS NEEDED TO PREVENT DELAMINATION AT FOAM CORE AREAS.

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. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

01-03-05

N871CD, MAKE: CIRRUS, MODEL: SR20, S/N: 4896,

HM: 406.8, WO 4896.

INSTALLED REIFF CORP. ENGINE HEATER SYSTEM, FAA PMA NO. PQ2585CE, IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS.

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. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

1/19/05

INSPECTION RECORD
AIRCRAFT MAINTENANCE LOGBOOK ENTRY

DATE

Date: 23 AUG 05

Registration: N871CD

REINSTALLED SANDEL HSI MOD # SA3308, S/N 3987
AFTER REPAIR BY SANDEL. CRS CHECKED GOOD.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1292

UPDATED DATABASE IN AVIADVE FLIGHT MFD DISPLAY.
UPDATED SOFTWARE OF GARMIN GNS 430 NAV/COMS,
S/N'S 97108515, AND 97108363.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1293

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.

R Buck
For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

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

40

N: 871CD

Make: Cirrus

Model: SR20

S/N: 1207

RM: 506.2

ACTT: 506.2

Eng TT: 506.2

ENG SOH: N/A

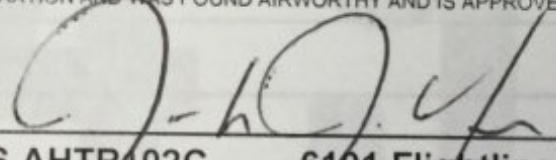
DATE

COMPLETED ANNUAL INSPECTION, CIRRUS SR20. INSTALLED NEW CLIP ON RIGHT GEAR UPPER FAIRING. COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATOR TRANSMITTER AS REQUIRED BY F.A.R. 91.207(d). INSTALLED NEW TURN AND BANK BATTERIES. INSTALLED A NEW INDUCTION AIR FILTER. INSTALLED NEW VACUUM SYSTEM AIR INLET FILTER. COMPLIED WITH SB 20-77-01 R1 ENGINE INDICATING AVIDYNE ENGINE INSTRUMENT KIT. INSTALLED NEW REBOUND BUMPERS AND SHIMMED AS NEEDED, PROPELLER CLEARANCE CHECKED GOOD. INSTALLED NEW ANTI-SLIP PAD ON RIGHT CABIN ASSIST STEP. REPLACED HOSE AT STANDBY VACUUM MOTOR. REPAIRED AND PAINTED NOSE LANDING GEAR WHEEL PANT FAIRING. INSTALLED BODY FILLER AND PAINTED RIGHT HORIZONTAL STABILIZER LEADING EDGE. TIGHTENED RUDDER PUSH-PULL AFT ROD END. ADJUSTED CO-PILOTS DOOR TO LATCH PROPERLY. INSTALLED NEW AIRCRAFT BATTERY, P/N:G243S. COMPLIED WITH SB 2X-34-08 OUTSIDE AIR TEMPERATURE PROBE GROUND WIRE INSTALLATION. TOUCHED UP PAINT ON AIRCRAFT AS REQUESTED BY OWNER. REPLACED #3 CHT PROBE. INSTALLED REPLACEMENT PROPELLER CONTROL. PERFORMED MAINTENANCE TEST FLIGHT, RECORDED AIRSPEEDS. COMPLIED WITH SB 2X-57-05 R1, INSTALLED KIT P/N:70105-001, INSTALLED SHIM P/N:17105-001 ON LEFT AILERON OUTBOARD HINGE BRACKET.

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

WIO: 5333, 5361

Signed:



Date:

Aug. 24, 2005

Tri-State Aero, Inc.

CRS AHTR102C

6101 Flightline Dr.

Evansville, IN 47725

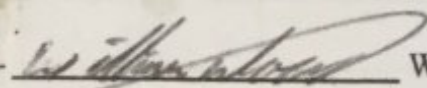
7/13/06 N871CD Cirrus SR-20 S/N: 1207

TCM IO360-ES6B S/N:357456

Hobbs:0550.2 TTE: 0550.2

Installed new Gill 24V battery P/N: G243S. Engine run-up and electrical OK. All work accomplished IAW Gill battery installation manual, Cirrus aircraft maintenance manual, and AC43.13-1B/2A.

I certify this aircraft to be in airworthy condition and is approved for return to service in respect to the work performed as of this date.



William Wood A&P 2769598

INSPECTION RECORD

F.A.R. 43.11-91.409

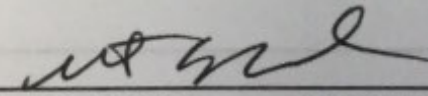
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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N: 871CD **Make:** Cirrus **Model:** SR20 **S/N:** 1207
RM: 563.2 **ACTT:** 563.2 **Eng TT:** 563.2 **ENG SOH:** N/A

COMPLETED ANNUAL INSPECTION, CIRRUS SR20.* COMPLIED WITH F.A.R. 91.411 AND 91.413
 ALTIMETER AND TRANSPONDER CERTIFICATIONS.* **REPLACED E.L.T. BATTERIES** WITH NEW. NEXT
BATTERY DUE DATE IS AUGUST 2008.* COMPLIED WITH F.A.R. 91.207(d) ON E.L.T. E01, S/N: 041544.
 SYSTEM PERFORMED SATISFACTORILY.* REPLACED OUTSIDE AIR TEMP/CLOCK BATTERY.*
 REPLACED TURN AND BANK BATTERIES.* COMPLIED WITH AD AND TECHNICAL RESEARCH FOR THIS
 AIRCRAFT UP TO THE DATE OF THIS ANNUAL.* REPLACED ONE WELLNUT FOR LEFT MAIN LANDING
 GEAR UPPER FAIRING.* COMPLIED WITH FLIGHT CONTROL RIGGING REFERENCE M/M CH 27.*
 INSTALLED NEW VACUUM SYSTEM AIR INLET FILTER.* INSTALLED NEW BRACKET BA-24 INDUCTION
 AIR FILTER.* PREVIOUSLY COMPLIED WITH **AD 02-21-02** AMEND. 39-12908 DATED 11-08-02 PER
 CIRRUS DESIGN ALERT S/B 20-27-06 ON 10-14-02 HM. 107.4 BY REPLACING THE SELF LOCKING NUT
 ON THE AILERON TRIM CARTRIDGE.* **AD 02-24-08** AMEND. 39-12973 DATED 1-24-03 IS NOT
 APPLICABLE PER THE AIRCRAFT SERIAL NUMBER.* PREVIOUSLY COMPLIED WITH **AD 05-17-19**
 AMEND. 39-14240 DATED 10-13-05 PER CIRRUS DESIGN ALERT S/B 2X-25-06 ON 1-03-05 AND ALERT SB
 2X-25-08 ON 8-06-04.* COMPLIED WITH **AD 06-07-06** AMEND. 39-14533 DATED 05-11-06 IN
 ACCORDANCE WITH CIRRUS DESIGN SB 2X-28-04.* REPLACED LEFT CABIN ENTRY STEP. *pad*

CONTINUED ON NEXT PAGE Page 1

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.

WIO: 06-0566 **Signed:**  **Date:** 09/01/06
Tri-State Aero, Inc. **CRS AHTR102C** **6101 Flightline Dr.** **Evansville, IN 47725**

INSPECTION RECORD

F.A.R. 43.11-91.409

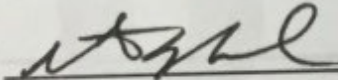
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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N: 871CD	Make: Cirrus	Model: SR20	S/N: 1207
RM: 563.2	ACTT: 563.2	Eng TT: 563.2	ENG SOH: N/A

CONTINUED FROM PREVIOUS PAGE

USED DOUBLE SIDED TAPE ON LEFT WING TO FUSELAGE FAIRING. P/N: 50640-045 RESECURED.*
 USED DOUBLE-SIDED TAPE ON RIGHT WING TO FUSELAGE FAIRING. P/N: 50640-045 RESECURED.*
 INSTALLED NEW RETAINER ON LEFT AFT CUP HOLDER.* INSTALLED NEW ADEL CLAMP ON OIL
 DIPSTICK TUBE.* SAFETY WIRED ALL CYLINDER HEATER CLAMPS.* INSTALLED NEW LOCK
 WASHERS ON STARTER HOLD DOWN NUTS.* INSTALLED NEW TACH GENERATOR P/N: 12630-001 S/N:
 1310 IN REFERENCE TO AMM 77-10-00.* REPOSITIONED CLAMPS ON #5 CYLINDER FUEL LINE TO
 PREVENT CLAMP FROM CHAFING ON COWLING.* INSTALLED ANTICHAFF PROTECTION AS NEEDED
 ON ENGINE COWLING.* INSTALLED ON/OFF SWITCH ON LEFT AFT CABIN (READING) LIGHT.
 OPERATIONAL CHECKS GOOD.* REPAIRED, PREPPED, AND PAINTED NOSE WHEEL FAIRING AND
 REINSTALLED ON AIRCRAFT.* INSTALLED BOTH BATTERY TERMINALS PROTECTION BOOTS.* Page 2

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.

WIO: 06-0566 Signed:  Date: 09/01/06
 Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Dr. Evansville, IN 47725

INSPECTION RECORD

F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

N: 871CD

Make: Cirrus

Model: SR20

S/N: 1207

RM: 563.2

ACTT: 563.2

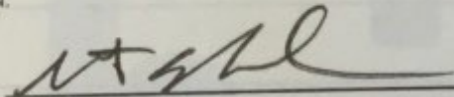
Eng TT: 563.2

ENG SOH: N/A

COMPLIED WITH SB 2X-25-17 R1 CREW SEAT BREAKOVER PIN REPLACEMENT.* COMPLIED WITH SB 2X-32-14 R1 MAIN LANDING GEAR FAIRING MODIFICATION AS PER INSTRUCTIONS.* COMPLIED WITH SB 2X-52-04 CABIN DOOR STRUT MODIFICATION.* COMPLIED WITH SB 2X-28-04 R1 FUEL LINE CHAFING.* COMPLIED WITH SB 2X-57-06 INBOARD FLAP HINGE FAIRING AS PER INSTRUCTIONS.*

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: 06-0570

Signed: 

Date: 09/01/06

Tri-State Aero, Inc.

CRS AHTR102C

6101 Flightline Dr.

Evansville, IN 47725

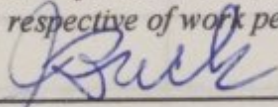
AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 5 MAR 2007

Registration: N871CD

REPAIRED SANDEL SN 3308 HSI, S/N 3987.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 07-0321
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
F.A.R. 43.11-91.409

Date: 5/03/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 596.60; Total Time: 596.60;
Engine - Type: TCM, S/N: 357456, Time: 596.60; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time: 596.60

RETURN TO SERVICE

Discrepancy: 1

PERFORM PRELIMINARY INSPECTION.

PRELIMINARY INSPECTION COMPLIED WITH, AND ANY DISCREPANCIES NOTED ARE LISTED ON
WORK ORDER WORKSHEET.

Discrepancy: 2

SB2X-95-01R1 CAPS STRAP ABRASION INSPECTION

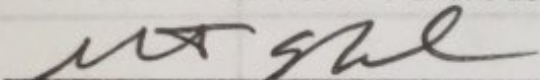
C/W SB2X-95-09R1 CAPS STRAP ABRASION INSPECTION BY INSPECTING RETAINING STRAPS AND
CAPS FUSELAGE STRAPS, NO DEFECTS NOTED. INSTALLED SHEATH KIT PN 70142-001.

Discrepancy: 3

SBA2X-95-10R1 CAPS PICK-UP COLLAR SUPPORT REPLACEMENT

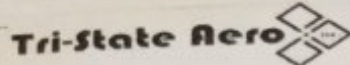
C/W SBA2X-95-10R1 CAPS PICK UP COLLAR SUPPORT REPLACEMENT BY INSPECTING PICK UP
COLLAR, NO DEFECTS NOTED, AND INSTALLING CAPS KIT PN 70181-002. ROCKET MOTOR SN 00436.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in
accordance with the 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: 05/03/07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221



INSPECTION RECORD
F.A.R. 43.11-91.409

Date: 10/02/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 0.00; Total Time: 0.00; Engine - Type: TCM, S/N: 357456, Time: 0.00; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time: 0.00

Shop Order #: A-07-0121

Discrepancy: 2

ELT INSP. (FAR 91.207d) DUE.

Corrective Action: 2

PERFORMED FAR 91.207(d) ON ELT MODEL E-01, S.N.041544. SYSTEM OPERATION PERFORMS SATISFACTORY. BATTERY REPLACEMENT DUE 08-2008.

Discrepancy: 3

TURN CORDINATOR BACK-UP BATTERIES DUE ANNUAL REPLACEMENT.

Corrective Action: 3

INSTALLED 3 9VDC DURACELL M/N 1604 BATTERIES ,EXP. MARCH 2012 AS PER CIRRUS M.M. 24-30, PGS. 16 & 62. SYSTEM OPERATION PERFORMS SATIS FACTORY.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: Dave Kliso

Dated: 10-2-2007

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

FOR SERVICE

U 4


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

Tri-State Aero 

Date: 10/04/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 645.80; Total Time: 645.80;
Engine - Type: TCM, S/N: 357456, Time: 645.80; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time:
645.80

Shop Order #: SH-07-1034

Discrepancy:2

CIRRUS DESIGN SR20 ANNUAL INSPECTION DUE

Corrective Action:2

COMPLIED WITH THE ANNUAL INSPECTION OF THIS CIRRUS SR20 AIRCRAFT.

Discrepancy:3

AD AND CREW CHIEF TECHNICAL RESEARCH DUE.

Corrective Action:3

COMPLIED WITH THE AD RESEARCH FOR THIS AIRCRAFT UP TO THE DATE OF THIS ANNUAL
INSPECTION.

Discrepancy:6

BOTH LEFT AND RIGHT BRAKE CALIPER O-RINGS DUE REPLACEMENT.

Corrective Action:6

INSTALLED NEW BRAKE CALIPER O-RING P/N MS28775-224 ON BOTH MAIN GEAR BRAKE ASSY. I/A/W
CIRRUS SR20 AMM CH. 32-42-00. BLED BRAKES AS NEEDED.

Discrepancy:7

REMOVE LH AILERON TO PERFORM ROLL TRIM CARTRIDGE INSPECTION

Corrective Action:7

REMOVED LEFT AILERON TO PERFORM ROLL TRIM CARTRIDGE INSPECTION. NO DEFECTS NOTED
AT THIS TIME. RE-INSTALLED LEFT AILERON FOLLOWING ROLL TRIM CARTRIDGE INSPECTION. I/A/W
CIRRUS SR20 AMM 27-10-00.

Discrepancy:8

AD 06-19-10 AMEND. 39-14767 DATED 10/24/06 (CREW SEATS BREAK-OVER BOLT AND RECLINE LOCK

Continued on next page. JB

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

Tri-State Aero 

INSTALLATION) DUE.

Corrective Action:8

COMPLIED WITH AD 06-19-10 AMEND. 39-14767 DATED 10/24/06 PER PARA E,1&2 BY PREVIOUSLY FOLLOWING CIRRUS DESIGN SB 2X-25-17 AND SB 2X -25-06 ON BOTH CREW SEATS FOR THE SEAT BACK BREAK-OVER BOLT AND RECLINE LOCK ADJUSTMENT.

Discrepancy:9

AD 06-21-03 AMEND. 39-14787 DATED 11/17/06 (P.O.H. REVISION AND BRAKE CALIPER OVERHEATING DAMAGE) DUE.

Corrective Action:9

COMPLIED WITH AD 06-21-03 AMEND. 39-14787 DATED 11/17/06 PER PARA E1,2,3,&4 BY FOLLOWING CIRRUS DESIGN SB 2X-32-14 AND INSTALLING NEW O-RINGS ON BOTH BRAKE WHEEL CYLINDERS AND REVISING THE AIRCRAFT P.O.H. MANUAL.

Discrepancy:10

AD 07-14-03 AMEND. 39-15125 DATED 8/16/07 (PARACHUTE SYSTEM PICK-UP COLLAR SUPPORT AND SCREWS) DUE.

Corrective Action:10

COMPLIED WITH AD 07-14-03 AMEND. 39-15125 DATED 8/16/07 PER CIRRUS DESIGN ALERT SB A2X-95-10 FOR THE PARACHUTE SYSTEM PICK-UP COLLAR SUPPORT AND SCREWS.

Discrepancy:11

RH BRAKE BLEEDER SCREW DEFORMED.

Corrective Action:11

INSTALLED NEW RH BRAKE BLEEDER SCREW P/N 079-00300. I/A/W CIRRUS SR20 AMM 32-42-00.

Discrepancy:13

INSTRUMENT AIR FILTER DUE CHANGE.

Corrective Action:13

REMOVED OLD INSTRUMENT AIR INLET FILTER. INSTALLED NEW INSTRUMENT AIR INLET FILTER

Continued on next page. \$

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

Tri-State Aero



PART# D9-18-1. FILTER NEXT DUE CHANGE IN 500 HOURS OR 12 MONTHS WHICH EVER OCCURS FIRST. WORK PERFORMED I/A/W CIRRUS SR20 AMM 37-10-00.

Discrepancy:14

INDUCTION AIR FILTER DUE CHANGE.

Corrective Action:14

REMOVED OLD ENGINE INDUCTION AIR FILTER. INSTALLED NEW ENGINE INDUCTION AIR FILTER

PART# BA-24. I/A/W CIRRUS SR20 AMM 71-60-00.

Discrepancy:15

AILERON/ RUDDER INTERCONNECT BUNGEE REPLACEMENT DUE.

Corrective Action:15

REMOVED OLD RUDDER/AILERON INTERCONNECT BUNGEE. INSTALLED AND RIGGED NEW RUDDER/AILERON INTERCONNECT BUNGEE PART# 12983-001. INSTALLED I/A/W CIRRUS SR20 AMM 27-20-00.

Discrepancy:16

COMPLY WITH SERVICE BULLETIN 2X-71-10 R1 OIL BREATHER LINE INSULATION SLEEVE INSTALLATION.

Corrective Action:16

COMPLIED WITH SB 2X-71-10 R1. OIL BREATHER LINE INSULATION SLEEVE P/N - 70092-001 INSTALLED IN ACCORDANCE WITH SB 2X-71-10 R1.

Discrepancy:17

COMPLY WITH SERVICE BULLETIN 2X-27-14 R2 RUDDER AILERON INTERCONNECT MODIFICATION.

Corrective Action:17

COMPLIED WITH SB 2X-27-14 R2 RUDDER AILERON INTERCONNECT MODIFICATION. I/A/W INSTRUCTIONS IN SERVICE BULLETIN. INSTALLED KIT PART# 70187-001.

Discrepancy:18

COMPLY WITH SERVICE BULLETIN 2X-78-07 SR20 HEAT EXCHANGER INSPECTION.

Continued on next page. JB

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE

AIRCRAFT TIME
IN SERVICE

Tri-State Aero



Corrective Action:18

COMPLIED WITH SB 2X-78-07 SR20 HEAT EXCHANGER INSPECTION. NO DEFECTS NOTED AT THIS TIME.

Discrepancy:19

NUMBER 5 CYLINDER EGT INOP.

Corrective Action:19

REMOVED EGT PROBE FOR CYLINDER#5. INSTALLED NEW EGT PROBE PART# 14554-001 I/A/W CIRRUS SR20 AMM 77-20-00. OPERATIONAL CHECK GOOD AT THIS TIME.

Discrepancy:20

NUMBER 3 CYLINDER CHT PROBE WIRE TERMINAL RING BROKEN.

Corrective Action:

INSTALLED NEW RING TERMINAL FOR THE NUMBER 3 CYLINDER CHT PROBE WIRE. OPS CHECK GOOD AT THIS TIME.

Discrepancy:21

NUMBER 1 CYLINDER CHT ERRATIC.

Corrective Action:21

REMOVED OLD CHT PROBE FROM #1 CYLINDER. INSTALLED NEW CHT PROBE PART# 1034401 I/A/W CIRRUS SR20 AMM 77-20-00. OPERATIONAL CHECK GOOD AT THIS TIME.

Discrepancy:22

LEFT M/L/G WHEEL PANT SERVICE PORT PLUG MISSING.

Corrective Ation:22

REPLACED WITH NEW PLUG P/N - 50498-200 IN REFERENCE WITH CIRRUS SR 20 MAINTENANCE MANUAL 32-10-00.

Discrepancy:23

RIGHT NOSE WHEEL TOWBAR LUG PIN IS BENT.

Corrective Action:23

Continued on next page. JB


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

Tri-State Aero 

REMOVED OLD RIGHT SIDE TOWBAR LUG PIN. INSTALLED NEW TOW BAR LUG PIN PART# 11869-001 IN THE RIGHT SIDE OF NOSE WHEEL FORK. I/A/W CIRRUS SR20 AMM 32-20-00.

Discrepancy:24

AIRCRAFT MAIN BATTERY VENT LINE RIPPED AND DRY WROTTED.

Corrective Action:24

REMOVED MAIN BATTERY VENT LINE AND REPLACED IT WITH NEW ACID RESISTENT LINE P/N - 50209-001U IN REFERENCE WITH CIRRUS SR20 MAINTENANCE MANUAL 24-30-00.

Discrepancy:25

LOWER ENGINE COWLING CLOSEOUT SEAL TORN.

Corrective Action:25

REMOVED TORN LOWER ENGINE CLOSEOUT SEAL, AND REPLACED IT WITH A NEW SEAL P/N - 14529-001 IN REFERENCE WITH CIRRUS SR20 MAINTENANCE MANUAL 71-10-00.

Discrepancy:26

NON-SLIP PAD ON RIGHT CABIN ENTRANCE STEP COMMING OFF.

Corrective Action:26

REMOVED OLD RIGHT SIDE CABIN ENTRANCE STEP ANTI-SLIP PAD AND ADHESIVE. INSTALLED NEW RIGHT SIDE CABIN ENTRANCE STEP ANTI-SLIP PAD PART# 12683-006. I/A/W CIRRUS SR20 AMM 53-20-00.

Discrepancy:27

BOTH M/L/G TIRES NEED TO BE ROTATED ON WHEELS.

Corrective Action:27

REMOVED BOTH LEFT AND RIGHT M/L/G TIRES FROM WHEEL ASSEMBLIES. ROTATED EACH TIRE ON ITS WHEEL ASSEMBLY, AND RE-ASSEMBLED, AND RE-INSTALLED ON AIRCRAFT. I/A/W CIRRUS SR20 AMM 32-41-00.

Discrepancy:28

RIGHT AFT CABIN WINDOW TRIM COMMING LOOSE AT AFT END OF WINDOW.

Continued on next page. JB

INSPECTION RECORD


F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

Tri-State Aero 

Corrective Action:28
ADJUSTED BLACK EDGE TRIM IN RIGHT CABIN WINDOW ON AFT END OF WINDOW AS NEEDED.

Discrepancy:29
RIGHT FWD OVERHEAD LIGHT SWITCH MISSING CENTER BUTTON.

Corrective Action:29
RE-INSTALLED RIGHT FORWARD OVERHEAD LIGHT SWITCH CENTER BUTTON AS NEEDED.

Discrepancy:30
SCREW STUCK IN NOSE WHEEL FAIRING FORWARD HALF.

Corrective Action:30
DRILLED OFF OLD NUTPLATE FROM NOSE WHEEL FAIRING. INSTALLED NEW NUT PLATE ON NOSE WHEEL FWD FAIRING ON TOP.

Discrepancy:31
NOSE GEAR STRUT MISSING REBOUND BUMPERS.

Corrective Action:31
INSTALLED 2 NEW REBOUND BUMPERS P/N - 14020-001 IN REFERENCE WITH CIRRUS MAINTENANCE MANUAL 32-20-00.

Discrepancy:32
LEFT AND RIGHT CABIN DOOR TRIM PANNELS LOOSE ABOVE WINDOWS.

Corrective Action:32
REMOVED OLD VELCRO FROM BOTH RIGHT AND LEFT UPPER DOOR TRIM PIECES. INSTALLED NEW STRIPS OF VELCRO TO BOTH LEFT ANF RIGHT UPPER CABIN DOOR TRIM PIECES AS NEEDED.

Discrepancy:33
AIRCRAFT FLIES SLOW. 5-7 KNOTS @ 75% POWER. CHECK FLIGHT CONTROL RIGGING.

Corrective Action:33
CHECKED FLIGHT CONTROL RIGGING OF THE FLAPS, AILERONS, ELEVATOR, AND RUDDER. I/A/W CIRRUS SR20 AMM 27-10,20,30,50-00. COULD FIND NOTHING OUT OF RIG AT THIS TIME.

Continued on next page. JBS

DATE

Discrepancy:35

MANDATORY AIRBOURNE SERVICE LETTER 39A DUE ON VACUUM MANIFLOLD CHECK VALVES.

Corrective Action:35

COMPLIED WITH AIRBOURNE MANDATORY SERVICE LETTER 39A ON THE VACUUM MANIFOLD CHECK VALVES. NO DEFECTS NOTED AT THIS TIME. THIS SERVICE LETTER IS RE-OCCURRING AND NEXT DUE IN 12 MONTHS, ON 10/08.

Discrepancy:36

LEFT M/L/G BRAKE CALIPER MISSING THE OVER TEMP INDICATOR. PER AD 2006-21-03.

Corrective Action:36

INSTALLED NEW OVER TEMP. INDICATOR ON LH BRAKE CALIPER P/N - 51698-001 IN REFERENCE WITH CIRRUS SR20 MAINTENANCE MANUAL 32-42-00. PER AD 2006-21-03.

Discrepancy:307

SECONDARY ALTERNATOR MAY HAVE POSSIBLE OIL LEAK AT DRIVE OIL SEAL, AND HAS BROKEN RIVETS ON COOLING FINS. REMOVE ALTERNATOR TO INSPECT.

Corrective Action:307

REMOVED SECONDARY ALTERNATOR TCM PART# 653344, SERIAL# F-100204. INSTALLED NEW SECONDARY ALTERNATOR PART# ES-4029, SERIAL# HO24796. FROM KELLY AEROSPACE POWER SYSTEMS, ON THEIR WORK ORDER NUMBER M453270, DATED FEB 26, 2007. OPERATIONAL AND LEAK CHECK GOOD DURING ENGINE GROUND RUN. WORK PERFORMED I/A/W CIRRUS SR20 AMM 24-30-00.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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

Dated:

Evansville, Indiana 47725

812-426-1221

Jerry S. Burt

10/4/07

Date: 10/02/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 645.80; Total Time: 0.00; Engine - Type: TCM, S/N: 357456, Time: 0.00; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time: 0.00

Shop Order #: A-07-0121

Discrepancy: 2

ELT INSP. (FAR 91.207d) DUE.

Corrective Action: 2

PERFORMED FAR 91.207(d) ON ELT MODEL E-01, S.N. 041544. SYSTEM OPERATION PERFORMS SATISFACTORY. BATTERY REPLACEMENT DUE 08-2008.

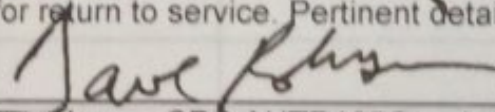
Discrepancy: 3

TURN CORDINATOR BACK-UP BATTERIES DUE ANNUAL REPLACEMENT.

Corrective Action: 3

INSTALLED 3 9VDC DURACELL M/N 1604 BATTERIES ,EXP. MARCH 2012 AS PER CIRRUS M.M. 24-30, PGS. 16 & 62. SYSTEM OPERATION PERFORMS SATIS FACTORY.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 

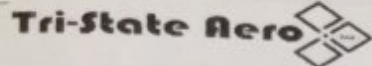
Dated: 10-2-2007

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

FOR SERVICE

U 7

INSPECTION RECORD



DATE

Date: 10/09/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 645.80; Total Time: 0.00; Engine - Type: TCM, S/N: 357456, Time: 0.00; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time: 0.00
Shop Order #: SH-07-1060

Discrepancy:2

CAPS REEFING LINE CUTTER DUE 6 YEAR REPLACEMENT

Corrective Action:2

INSTALLED 2 NEW CAPS REEF LINE CUTTERS IN REFERENCE TO CIRRUS SR SERIES COMPONENTS
MAINT MANUAL 95-01-00, NEXT DUE 10/2013.

Discrepancy:3

REPAIR THE FOLLOWING PAINT DISCREPENCIES. 1) RIGHT M/L/G STRUT FAIRING HAS HOLE ERRODED THROUGH IT. 2) LEFTM/L/G HAS A PAINT CHIP. 3) CRACK IN PAINT AROUND LEFT OAT PROBE. 4) PAINT AND BODY FILLER WHERE UPPER ENGINE COWLING MEETS FUSELAGE CHIPPED OFF.

Corrective Action:3

REPAIRED, PREPPED & PAINTED THE FOLLOWING DISCREPENCIES RIGHT MAIN LANDING STRUT FAIRING, LEFT MAIN LANDING GEAR WHEEL FAIRNG AREA AROUND LEFT OAT PROBE & WHERE UPPER AFT ENGINE COWL MEETS FUSELAGE

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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:

10-9-07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 11/29/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 664.30; Total Time: 0.00; Engine ^{SN}
~~Type: , S/N: , Time: 0.00; Prop Type: , S/N: , Time: 0.00~~

DATE

Shop Order #: SH-07-1150

Discrepancy:2

RPM GAUGE AND MFD INDICATION INOP

Corrective Action:2

INSTALLED NEW TACH GENERATOR PN 12323-001S IN REFERENCE TO AMM 77-110-00. RAN ENGINE AND OPS CHECKED TACH INDICATION, NO DEFECTS NOTED.

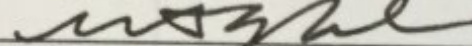
Discrepancy:3

ENGINE FUEL DRAIN VALVE LEAKING

Corrective Action:3

INSTALLED NEW ENGINE FUEL SUMP DRAIN PN 50242-001 IN REFERENCE TO AMM 28-10-00.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 11/27/07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 11/29/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207

Shop Order #: A-07-0207

Hobbs Time: 664.3

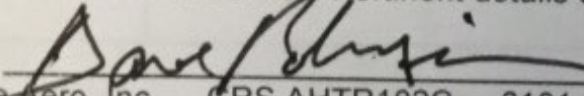
Discrepancy:2

#2 GPS DATA CARD INVALID

Corrective Action:2

REPLACED #2 JEPPESEN NAVDATA CARD DGRM72 W/ NEW AND LATEST DATA FROM JEPPESEN INSTALLED IN #2 GARMIN GNS 430. SYSTEM OPERATION PERFORMS SATISFACTORY.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 11/28/07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 12/12/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 666.90; Total Time: 0.00; Engine
- Type: , S/N:, Time: 0.00; Prop - Type: , S/N:, Time: 0.00 *sc*
Shop Order #: SH-07-1188

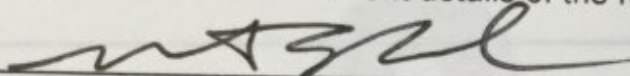
Discrepancy:2

SB 2X-53-03 TAIL TIE DOWN ASSEMBLY REPLACEMENT

Corrective Action:2

C/W SB 2X-53-03 TAIL TIE DOWN ASSEMBLY REPLACEMENT, INSTALLED TAIL TIE DOWN KIT PN 70120-001.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 12/12/07
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 12/17/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 666.90; Total Time: 0.00; Engine
- Type: , S/N:, Time: 0.00; Prop - Type: , S/N:, Time: 0.00

Shop Order #: SH-07-1175

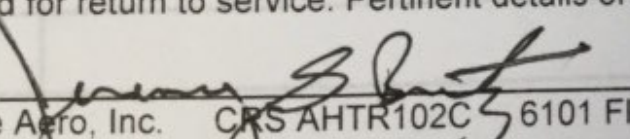
Discrepancy:2

FLY SLOW

Corrective Action:2


INSPECTED AIRCRAFT WING ROOT FAIRINGS CONDITION, PROPELLER RPM SETTING, TACH ERROR, MAP INDICATOR ERROR, OAT INDICATOR ERROR, ALTIMETER GAUGE ERROR, NOSE LANDING GEAR FARINGS CONDITION, MAIN LANDING GEAR FAIRING CONDITION, WING ACCESS PANELS POSITIONED CORRECTLY, CLEANED BUGS AND DEBRIS FROM WING LEADING EDGES. RAN TWO DIFFERENT FLIGHT TESTS PER CIRRUS DESIGN INSTRUCTIONS. REMOVED OLD AILERON TRIM TAB. INSTALLED NEW AILERON TRIM TAB. NO CHANGE IN SPEED AT THIS TIME. WAITING ON ANSWER FROM CIRRUS FOLLOWING FLIGHT TESTS.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 12/17/07
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

INSPECTION RECORD

F.A.R. 43.11-91.409

Tri-State Aero 

OR SERVICE

Date: 10/12/2007; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 645.80; Total Time: 0.00; Engine - Type: TCM, S/N: 357456, Time: 0.00; Prop - Type: HARTZELL, S/N: PHC-J3YF/F7392-1, Time: 0.00

Shop Order #: SH-07-1083

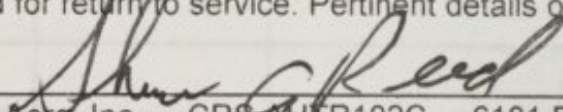
Discrepancy: 2

REPLACE GRAPHICS

Corrective Action: 2

REPLACED UPPER DECAL ON LEFT SIDE BETWEEN CABIN DOOR & ENGINE COWL

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: 10-12-07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

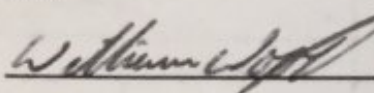
1/29/08 N871CD Cirrus SR-20 S/N: 1207

TCM IO360-ES6B S/N: 357456

Hobbs: 0693.3 TTE: 0693.3

Installed new Gill 24V battery P/N: G243S. Engine run-up and electrical OK. All work accomplished IAW Gill battery installation manual, Cirrus aircraft maintenance manual, and AC43.13-1B/2A. *Battery S/N G02369164*

I certify this aircraft to be in airworthy condition and is approved for return to service in respect to the work performed as of this date.




William Wood A&P 2769598

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE AIRCRAFT TIME IN SERVICE

Tri-State Aero 

Date: 4/08/2008; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 708.80; Total Time:; Engine -
Type: , S/N: , Time:; Prop - Type: , S/N: , Time:
Shop Order #: SH-08-0538

Discrepancy:2

REPLACE AIRCRAFT GRAPHIC STRIPES WITH NEW GRAPHICS KIT TUXEDO COLORS.
Corrective Action:2

REMOVED ORIGINAL AIRCRAFT STRIPES FROM FUSELAGE, WINGTIPS, AND WHEELPANTS.
INSTALLED NEW GRAPHICS KIT FROM CIRRUS DESIGN, SR20 G3 GTS TUXEDO COLORS, TO
FUSELAGE, WINGTIPS, AND WHEELPANTS. ALL WORK PERFORMED I/A/W CIRRUS SR20 AMM
11-20-00.

Discrepancy:3

AD RESEARCH CHECK DUE PER THE OWNERS REQUEST.

Corrective Action:3

COMPLIED WITH THE AD RESEARCH FOR THIS AIRCRAFT AS REQUESTED UP TO THE DATE OF THIS
WORK ORDER SIGN OFF.

Discrepancy:4

NOSE WHEEL FAIRING REQUIRES PAINT

Corrective Action:4

RE-PAINTED NOSE WHEEL FAIRING AS NEEDED.

Discrepancy:5

COMPLY WITH **SB 2X-34-23 R1 WAAS ANTENNA INSTALLATION** ON NON-PFD EQUIPPED AIRCRAFT.

Corrective Action:5

COMPLIED WITH CIRRUS SB 2X-34-23 R1 WAAS ANTENNA INSTALLATION ON NON-PFD EQUIPPED
AIRCRAFT. COMPLETED 337 FORM, REFERENCE AVIONICS W.O. #A-08-0061, DISC. #2 FOR S.B.
2X-34-23 COMPLETION.

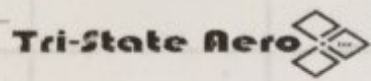
Discrepancy:6

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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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CIRRUS SB RESEARCH.

Corrective Action:6

COMPLIED WITH CIRRUS SERVICE BULLETIN RESEARCH UP TO THE DATE OF THIS WORK ORDER SIGN OFF.

Discrepancy:7

C/W SB 2X-78-07R1 SR20 HEAT EXCHANGER INSPECTION

Corrective Action:7

COMPLIED WITH SB 2X-78-07 R1 SR20 HEAT EXCHANGER INSPECTION. FOUND HEAT EXCHANGER WELDMENT CRACKED. REMOVED OLD HEAT EXCHANGER. INSTALLED NEW UPGRADED SR20 HEAT EXCHANGER WELDMENT KIT PART NUMBER 70201-001 I/A/W CIRRUS SR20 AMM 78-20-00.

Discrepancy:8

AD 08-03-16 AMEND. 39-15367 DATED 3/11/08 (SB 2X-27-14R3 RUDDER-AILERON INTERCONNECT RIGGING AND MODIFICATION) DUE.

Corrective Action:8

COMPLIED WITH AD 08-03-16 AMENDMENT 39-15367 DATED 03/11/08 BY COMPLYING WITH CIRRUS SB **2X-27-14 R3 RUDDER/AILERON INTERCONNECT MODIFICATION.** INSTALLED KIT PART NUMBER 70197-001.

Discrepancy:9

AD 07-26-09 AMEND. 39-15311 DATED 1/30/08 (PROPELLER BLADE SHANK REWORK) DUE.

Corrective Action:9

COMPLIED WITH AD 07-26-09 AMEND. 39-15311 DATED 1/30/08 BY FINDING THIS AD DOES NOT APPLY TO THIS PROPELLER PER THE BLADES SERIAL NUMBERS.

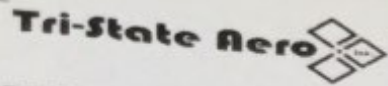
Discrepancy:10

AD 08-06-28 AMEND. 39-15440 DATED 4/10/08 (AVIDYNE CORP. PFD INCORRECT INFORMATION) DUE.

Corrective Action:10

COMPLIED WITH AD 08-06-28 AMEND 39-15440 DATED 4/10/08 BY FINDING THIS AD DOES NOT APPLY

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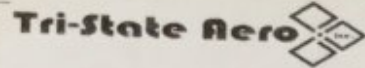
INSPECTION RECORD
F.A.R. 43.11-91.409

BECAUSE THE AVIDYNE CORP. PFD IS NOT INSTALLED IN THIS AIRCRAFT.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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 B. Burt Dated: 4/8/08
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

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INSPECTION RECORD
F.A.R. 43.11-91.409

Date: 4/15/2008; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 664.30; Total Time:; Engine -
Type: , S/N:, Time:; Prop - Type: , S/N:, Time:

Shop Order #: A-08-0061

Discrepancy:2

INSTALL WAAS UPGRADE.

Corrective Action:2

REMOVED GARMIN #1GNS 430, P.N. 011-00280-10, S.N.97108515 AND #2 GNS430, P.N. 011-00280-10,
S.N.97108363 AND SENT OUT TO GARMIN FOR WAAS UPGRADES.REINSTALLED SAME UNITS
MODIFIED BY GARMIN INTERNATIONAL FAA CRS G6XR582Y ON RMA/ W.O. 6351879 TO UPGRADE
P.N. 011-01060-40 UTILIZING SAME S.N.'S IN SAME POSITIONS.REMOVED GA56 GPS ANTENNAS P.N.
011-00134-00, S.N.'S #1 559068927 AND #2 59068549. REPLACED WITH M.N. CI 428-200, S.N.'S #1 225630
AND #2 231525 SUPPLIED AS PART OF CIRRUS WAAS ANTENNA SB 2X-34-23-R1 UPGRADE
KITS.INSTALLED REQUIRED ANNUNCIATOR 'LOI 1/2' [LOSS OF INTEGRITY FOR #1 AND #2 GPS
SYSTEMS] IN PILOT'S TOP RIGHT INSTRUMENT PANEL ACCEPTABLE FIELD-OF-VIEW.ALL WORK
PERFORMED IAW CIRRUS SB 2X-34-23-R1 ISSUED: 14 SEP 2007 ,REVISED: 29 JAN 2008;GARMIN STC
SA01933LA AND GARMIN STC UPGRADE INSTALLATION MANUAL P.N. 190-00357-06 REV B JAN
2007;FAR AC 43.13-1B AND 2A. COMPLETED FORM 337 AND FILED WITH APPROPRIATE
AGENCIES.UPDATED EQUIPMENT LIST AND FLIGHT MANUAL SUPPLEMENT IN PILOT'S OPERATING
HANDBOOK.REVISED WEIGHT AND BALANCE AS TO NO CHANGE. OPERATION PERFORMS
SATISFACTORY.

Discrepancy:3

INSTALL POWER/DATA CABLE FOR PORTABLE GPS MAP 496.

Corrective Action:3

INSTALLED GARMIN POWER/DATA CABLE IAW GARMIN AVIATION PORTABLES EXPERIMENTAL
APPLICATIONS MANUAL P.N.190-00814-00 REV A 2008 AND FAR AC 43.13-1B AND 2A.SYSTEM
OPERATION PERFORMS SATISFACTORY.

SERVICE

DATE

Discrepancy:4
REPLACE SANDEL HSI DISPLAY BACKLIGHT LAMP.
Corrective Action:4

REPLACED DISPLAY BACKLIGHT LAMP W/ KIT # 90122-B ON SANDEL MODEL SN3308,S.N. 3987 IAW
SANDEL SN3308 DOCUMENT # 90106-IM REV.G[4] 9/25/03.SYSTEM OPERATION PERFORMS
SATISFACTORY.

Discrepancy:5
INSTALL STEREO MUSIC CABLE INTERFACE TO ACCOMADATE PORTABLE GARMIN GPS496.
Corrective Action:5

INSTALLED STEREO MUSIC INPUT CABLE INTERFACE IAW GARMIN GMA 340 AUDIO PANEL
INSTALLATION MANUAL P.N. 190-00149-01 REV L ,JUNE 2003 TO ACCOMADATE GARMIN GPSMAP 496
XM STEREO OUTPUT.SYSTEM OPERATION PERFORMS SATISFACTORY.


The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in
accordance with the 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: Dave Robinson

Dated: 4-15-2008

Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

INSPECTION RECORD
F.A.R. 43.11-91.409

Tri-State Aero 

Date: 9/19/2008; Aircraft: N871CD; Type: CIRRUS SR20; S/N: 1207; Hobbs: 745.90; Total Time: 745.90;

Engine - Type: , S/N:, Time:; Prop - Type: , S/N:, Time:
Shop Order #: A-08-0172

Discrepancy:2

FAR 91.411 DUE.

Corrective Action:2

PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON UNITED INSTRUMENTS ALTIMETER P.N.5934D-3,S.N. 425081.PERFORMED FAR 23.1325[b]2[i] STATIC SYSTEM PRESSURE TEST.REPLACED T-FITTING P.N. 51139-1 AT BACK OF ALTIMETER.ALSO C/W AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER SYSTEM INTEGRATION TEST. ADJUSTED ALTITUDE ENCODER ACK A-30,S.N. 78201.SYSTEM OPERATION PERFORMS SATISFACTORY.

Discrepancy:3

FAR 91.413 DUE.

Corrective Action:3

PERFORMED FAR 91.413 IAW APPENDIX F TO PART 43 ON GARMIN GTX 327 TRANSPONDER P.N. 011-00490-00, S.N. 83709398. SYSTEM OPERATION PERFORMS SATISFACTORY.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the 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: Dave Robinson

Dated: 9-19-2008

Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

SERVICE

INSPECTION RECORD

F.A.R. 43.11-91.409

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

DATE
AIRCRAFT TIME
IN SERVICE

~~closed 11/25/88~~

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