

Book #1 N310VP

CLOSED: 01/06/2012

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN MODEL SR22 DATE OF MFG. 07/2001

SERIAL NUMBER 0054 REGISTRATION NUMBER N310VP

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 Cont. Motors	IO-550 N7	R 685783 L
ENGINE			R L
PROPELLER	Hartzell	PHC-J3YF-1RF	FP1368B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
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ENGINE			
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ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

1

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.		
001-13		07-10-01 10.4 Hrs	Searched AD's through bi-weekly issue 2001-13. All AD's are in compliance at this time.			Jessie Savage 19 CDC 7/10/01		
SERVICE # BULLETIN								
02-07-02		89.0						Winfield Andrews 136303148
02-14-02		89.0						Winfield Andrews 136303148
02-24-02		97.4						Winfield Andrews 136303148
02-22-01		02/02/02 89.0			Winfield Andrews 136303148			
02-22-71-01		02/02/02 89.0			Winfield Andrews 136303148			
001-25-03	RIVET INSPT. RUDDER ELEV	7-79-02 125	SB 22-55-03 PCW	ONE TIME		E. J. Silvers ADP 2632796		
002-05-05	CAPS ACTIV. SYSTEM	7-19-02 125	SB 22-95-02 PCW	ONE TIME		E. J. Silvers ADP 2632796		
02-24-08	CAPS CABLE	4-25-03 189.8	SB 22-95-05 REMOVED & REINSTALLED	N-L-A		LINCOLN PARK DIVISION CRS LKPR 101K		
22-71-03	OIL COOLER BRAFFLE	9-2-03 198	MODIFIED PBR SB & SILICONES			E. J. Silvers ADP 2632796		
22-32-03	NOSE GEAR SPIND. CUP	9-2-03 198	INSPECTED NOSE GEAR SPINDLE CUP			E. J. Silvers ADP 2632796		
22-32-02	NOSE GEAR RETEN. NUT	9-2-03 198	CLW BY TORQUE INSPT - NGW NUT.			E. J. Silvers ADP 2632796		
22-32-06	NOSE GEAR WASHER PANT	9-2-03 198	CLW BY INSTALL C/S WASHERS			E. J. Silvers ADP 2632796		
02-21-02	TRIM CAPT. NUT	9-2-03 198	REPLACED PSE SE W/ NGW			E. J. Silvers ADP 2632796		

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.	
SB 22-27-02	FLAP/COM EMI SUPP	7-26-04 201.4	5172-001 BOUNTY KIT 70041-001 KIT KIT INSTALLED			Lincoln Park (11/21/11) LKPR111	
22-27-01	ROOPER BRACKETS		INSTALLED (4) 11478-002 BRACKETS				
22-52-01	DRAIN HOLES		INSTALLED DRAIN HOLES IN PWR/BNG HOLES				
22-55-02	ROOPER AFT. ARM BEARING		INSTALLED KUNDEL HINGE KIT 7009-002				
2X-71-05	DULT ASSY BRACKET		INSTALLED 70051-001				
22-73-01	STARTING CIRCUIT		INSTALLED KIT FOR SB.				
22-76-01	PWR LEVER BEARING		INSTALL 1429-001 BUSHING FOR KIT				
22-78-04	#4 & #5 EXHAUST HEADS		REPLACED PWR SB				
2X-25-08	SEAT CLEAR DOWN BOOT ADJ		ADJUST PWR SB				
2X-27-08	TRIM CONTAIN LUBRICATION		PWR SB				
2X-28-02	FUEL SEL VALVE SHUTT REFL.		INSTALLED SHUT 70066-001				
2X-32-08	BRING LING INSPECTION		INSTALLED SPALON 70071-001				
2X-53-10	INSPECTION HOLE (ROSBOUT)		INSTALL 70070-001 HOLE KIT				
2X-95-06	CAPS (LIFTING) RIGGING		RIG FOR SB				
2X-95-07	CAPS PLACEMENT		INSTALLED PLACEMENT SB 70068-001				
22-71-02	INDUCTION AIR FILTER	✓	INSTALLED MORTAL BRACKET 70020-101				✓

East Coast Aviation
 Hanscom AFB, Hangar 1730
 Bedford, MA 01731
 FAA CRS# EA6RS08N
 Phone 781-274-0105 Fax 781-274-0714

Date: 11/13/03

Initial Indications
 At 29.92 In hg

Altimeter: 820 Feet
 Calibrator: 830 Feet

A/C Tail # N310VP
 Work Order # 11776

Model Number 573410-3 Serial Number 41466A
 Altimeter
 Transponder CTX 327 837XXXX
 Encoder NCK A-30 39862

Barometric Scale Error (reference pressure @ 29.92 In hg to zero)

In hg scale	Feet Calibration	Feet Reading	Adj to 29.92 In hg	Feet Error	± Feet Tolerance
28.10	-1727	-1725	/	2	± 25
28.50	-1340	-1345	/	5	± 25
29.00	-863	-865	/	2	± 25
29.50	-392	-400	/	8	± 25
29.92	0	0	/	0	± 25
30.50	531	530	/	1	± 25
30.90	893	875	/	7	± 25
30.99	974	975	/	1	± 25

Altimeter/Encoder Tests
 FAA CRS# EA6RS08N

Scale Error (set altimeter to 29.92 In hg)

Feet Altitude	Feet ind. NO	Feet ind. VIB.	Encoder Readout	Friction Error	Scale Error	± Feet tolerance
-1000						
0						
500						
1000						
1500						
2000						
3000						
4000						
5000						
6000						
8000						
10000						

Feet Altitude	Feet ind. NO VIB.	Feet ind. VIB.	Encoder Readout	Friction Error	Scale Error	± Feet tolerance
12000						
14000						
15000						
16000						
18000						
20000						
22000						
25000						
30000						
35000						
40000						
45000						
50000						

Hysteresis (50% 5min<read<15min)(40% 1min<read<10min)

Feet altitude	Scale error reading	Feet reading	Feet change	± Feet tolerance
50%	10010	10050	+40	± 75
40%	8000	80040	+40	± 75

After Effect (open to ATMOS)

In hg pressure	Feet initial	Feet final	Feet change	± Feet tolerance
Altimeter	820	865	+45	
Calibrator	830	845	+15	
A-C - DIFFERENCE →				± 30

ALT

DATE

MANUFACTURER

MODEL

I certify that the altimeter M/N UTO S/N 44869 was tested to 20000 feet on 11/13/03 and the static system tests required by FAR 91.411 have been satisfactorily performed.

Date 11/13/03

Tach. or Hobbs Time: 240.7

Work Order # 11776

Signature John Hill

East Coast Aviation
Hanscom AFB-Hangar 1730
Bedford, MA 01731

FAA Certified Repair Station EA6R508N

Phone 781-274-0105

Fax 781-274-0714

I certify that ATC Transponder Tests required by FAR 91.413 have been satisfactorily performed.

M/N GTX 327

S/N 83705905

Date 11/13/03

Work Order # 11776

Tach. or Hobbs Time: 240.7

Signature John Hill

East Coast Aviation
Hanscom AFB-Hangar 1730
Bedford, MA 01730

FAA Certified Repair Station EA6R508N

Phone 781-274-0105

Fax 781-274-0714

Commander-Aero Inc. - CRS-GA5R-876M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

Altimeter(s) tested & inspected per FAR 43, Appendix E.

Date: 10-28-11

Inspector *Robert A. [Signature]*

S/N: 414869

S/N: n/a

-1,000	0
0	+10
500	+10
1,000	+10
1,500	+15
2,000	+20
3,000	+25
4,000	+25
6,000	+15
8,000	0
10,000	+5

12,000	0
14,000	0
16,000	+10
18,000	+10
20,000	+10
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

-1,000	---
0	---
500	---
1,000	---
1,500	---
2,000	---
3,000	---
4,000	---
6,000	---
8,000	---
10,000	---

12,000	---
14,000	---
16,000	---
18,000	---
20,000	---
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

A/C 'N' No. N310VP

W.O. No. 28823-10-2011

MAINTENANCERECORD

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
6-5-02	108	Installed New Cleveland Brake Pads, Suppleed from Cirrus design, Inspected calipers, cleaned lubed pins.	
		Capt J. Hentrich Pilot owner 157449664	
7-19-02	125.5	AIRCRAFT INSPECTION Per Cirrus INSPECTION SHEET 13773-001 & SERVICE MANUAL. A/C INSPECTION PANELS OPENED & INTERIOR. ALL CONTROL MOVEMENTS (K'G). CABLE TENSIONS & CONTROL GAP CHECKS CHECKED. FASCULATOR OPENED, NEW SEALS & SCREEN INSTALLED. NEW BALL BEARING FILTER INSTALLED. ENTIRE A/C LUBED Per Cirrus MANUAL. COMPLETE AD LIST Pg 9 - 01-25-03 RIVET INSPECTION PER 04 SB 55-03 & 02-05-05 CAPS ACTIVATION SYSTEM PER 04 SB 72-95-02. E. J. Jelsin ECT TESTED Per FAR 91.207(d) BOTT. 3/04	AIP 203279C

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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MAKE: Cirrus
 MODEL: SR22
 SN: 0054
 REG. NO: 310VP
 WORK ORDER: 3751



Lincoln Park Aviation
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Repair Station No. LKPR101K

DATE: 4/25/2003
 TTA: 189.8
 HOBBS: 189.8

Airframe Entries

(1) Complied with SB 22-95-05 replacement of C.A.P.S. cable, in accordance with SB instructions. Removed cable serial #00188, and installed cable serial #90439. AD02-24-08 no longer applies...

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 work order listed above.

DATE: 4/25/2003

SIGNED:

[Signature]
INSPECTOR #3

WORK ORDER: 3751

Certified Repair Station No. LKPR101K

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9-2-2003	198.0	AIRCRAFT INSPECTED PER CIRRUS INST. MANUAL. + PAGE 13773-001 ALL TIMES	
		REPLACED WITH GOODYEAR FLIGHT CUSTOM (TT (2) 15/600X6 + (1) 500X5 +	
		(3) TUBES AND CASS L6N16GUND 5. ALL WHEEL BEARINGS CLEANED & SERVICED.	
		ALL BRAKE LININGS REPLACED W/ OGG-10500. INSTALLED NEW BILLG-243	
		BATTERY. INSTALLED NEW BRUNNITT REPLACEMENT BA-111 ASSEMBLY	
		GASCOLATOR CLEANED & NEW O-RINGS INSTALLED. (LW SB 22-27-03 &	
		AD 02-21-02 YRW DAMPENS RETAINING NUTS BY REPLACING BRISTLE	
		NUTS W/ MS21044N3, ALSO INSTALLED NEW RUDDER PED BEARING	
		PIVOT 50145-101, NAS43DD3-20 FC SPACER. Re-installed & RIGGING	
		CONTINUED NEXT PAGE	

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
9-2-03	198.0	CHG CIGS, CLW NOSG WHEEL SB'S 22-32-06	NOSG WHEEL P/N T COUNCIL
		SOME WASHERS INSTALLED, 22-32-02	NOSG WHEEL FORK ASSY NUT.
		SPRING TENSION & TORQUED P/N S'B. 22-32-03	NOSG GEAR SANDL
		AMP INSPECTION CLW. SB 22-71-03	-MODIFICATION OF BAGGELS
		AROUND OIL PAIL CLW. COMPLETE AD # SB LIST Pg 8. - COMPLETE -	
		E. L. J. [Signature] ATP 2632796	

Date: 11/20/03	Acft Tail Number: N310VP	Acft Model: SR22	Acft S/N: 0054	Work Order #: 11776	Hobbs/Tach Time: 240.7
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- Removed the ARNAV ICDS-2000 MFD and instrument panel.
- Installed an Avidyne EX5000C MFD s/n 1972, an EMAX SIU s/n 459, a DC-50 Antenna Splitter s/n E1255, Comant CI248-30 Comdat Com/Datalink Antenna, Cirrus Design Engine Monitoring harness kit p/n 70030-907 and a Cirrus Design new instrument panel p/n 14579-001 in accordance with STC SA00143BO, STC SA00152BO, STC SA00165BO, Avidyne Installation Manual 600-0073 Rev 5 dated 09/02, Avidyne drawing numbers 900-00014-000 and 800-00007-000, Cirrus SB22-34-01 Rev1 dated 03/05/02 and Cirrus Design SB22-77-01 Rev2 dated 12/17/02. For any further information refer to FAA form 337 dated 11/13/03 and revised weight and balance report dated 11/13/03.
- Installed customer supplied panel overlay and verified all placarding. Found Load switch position not placarded. Fabricated placards and placed on overlay.
- Removed VSI p/n 7000C.83H and installed IVSI p/n 30230-0124 s/n WA192. Replumbed static lines and leak tested in accordance with FAR part 43 Appendix E par A with no leaks noted.
- Replaced ACK A-30 encoder with known serviceable unit s/n 39862 and leak tested in accordance with FAR part 43 Appendix E par A with no leaks noted.
- Changed Sandel SN3308 bulb with new p/n 90122-B and updated software to level 2.10. Verified proper system operation with no faults noted.
- Updated both GNS-430 units to Main Software level 4.02 to comply with Garmin SB 0309.
- Updated both GNS-430 units to GPS software level 3.01 to comply with Garmin SB 0308.

- Updated the GTX-327 Transponder software to level 2.06 to comply with Garmin SB 0305B. Tested the Transponder IAW FAR part 43 Appendix E par C with no faults noted.
- Replaced damaged fuel return line from firewall to fuel selector. Fabricated a line out of like material and leak tested with no leaks noted.

Signature 

Work Order # 11726 Date: 11/20/03

East Coast Aviation
 Hanscom AFB-Hangar 1730
 Bedford, MA 01731
 FAA Certified Repair Station EA6R508N
 Phone 781-274-0105 Fax 781-274-0714

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 SER.
11-12-2004	274.8	C/W ANNUAL INSPECTION PER CIRRUS MAINT MAN & INSPT. SHEET. ALL WHEEL BEARINGS CLEANED & LUBED. BRAKES INSPECTED & SERVICED. EXHAUST SYSTEM INSPECTED. INSTALLATION NEW PRIMARY BRAKING INSPT & SERVICED. ALL CONTROL PER CIRRUS M.M. COMPLETE AD LIST ATTACHED. BRAKINGS - NEXT DUE 12/11 & TESTED ELT PER FAR 91.207(d).	BA-III AIR FILTER ELEM W4. MOVEMENTS CHECKED & LUBED. EIT-INSTALLED
		<i>E. J. Gibson</i> A&P 2632796	

N310VP Log Entry
Tach time 362.9

Piper Cirrus SR22 S/N 0054

Date: **December 16, 2005**
Aircraft Total Time 362.9

1. Complied with annual inspection per Piper Cirrus SR22 Maintenance Manual and Inspection sheet.
2. All wheel bearings cleaned and serviced and new grease seals installed. Brakes inspected, new rotors installed, new brake linings installed and serviced. All new Flight Custom III tires installed.
3. ELT tested per FAR 91.207(d) and battery good thru 12/11.
4. Fuel system inspected, gascolator removed.
5. New induction filter element installed BA 111.
6. Complied with AD 2005-17-19 per SB 2X25-06R4 by removing parts & installing new supplied in SB kit.
7. C/W 2X-28-04R1 by installing supplied kit for prevention of fuel line chaffing.
8. All control movements checked and entire aircraft lubed per Cirrus SR 22 lubrication chart.
9. Installed new PAI-700, S/N 55006 vertical card compass in place of original.
9. Complete AD list attached.

Edward J. Gibson *E. J. Gibson* A&P 2632796 December 16, 2005

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

Edward J. Gibson *E. J. Gibson* A&P 2632796 IA December 16, 2005

FLIGHTLINE AERO/MARINE SERVICE, INC.

609-861-1799

Hanger 4A

Woodbine Airport, Woodbine, NJ 08270

1N4

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
		CIRRUS SR-22 N310VP	
		Remove GMA 340. Install PM9000. Tested Ok. Reseated pin at flux detector harness. Reprogram SAND1 EHSI to correct heading errors. Details on file w.o. 9699 this date Hobbs 269.3	
		LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>8-23-04</u> CERTIFICATE NO. LN7R261N SIGNED <u>[Signature]</u>	

N310VP Log Entry
Tach time 454.0

Piper Cirrus SR22 S/N 0054

Date: January 12, 2007
Aircraft Total Time 454.0

1. Complied with annual inspection per Piper Cirrus SR22 Maintenance Manual and Inspection sheet.
2. All wheel bearings cleaned and serviced.
3. Brakes inspected per AD 06-21-03 and kit 2X-32-14R1, new o-rings installed, new brake linings installed and heat sensor strips, Holes were installed in wheel pants for inspection. All new Flight Custom III tires installed.
4. ELT tested per FAR 91.207(d) and battery good thru 12/11.
5. Fuel system inspected, gascolator removed.
6. New induction filter element installed BA 111.
7. New Gill aircraft battery installed, G242.
8. All control movements checked and entire aircraft lubed per Piper PA 28-181 lubrication chart.
9. Complete AD list attached.

Edward J. Gibson [Signature] A&P 2632796

January 12, 2007

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

Edward J. Gibson [Signature] A&P 2632796 IA

January 12, 2007

FLIGHTLINE AERO/MARINE SERVICE, INC.

609-861-1799

Hanger 4A

Woodbine Airport, Woodbine, NJ 08270

1N4

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 SER.

MAKE: Cirrus
 MODEL: SR22
 S/N: 0054
 REG. NO: 310VP
 WORK ORDER: 6991



Lincoln Park Aviation

425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 4/3/2007
 A/C TSN: 467.8
 HOBBS: 467.8

Airframe Entries

(1) Complied with FAR91.413 and FAR91.411 transponder and altimeter certifications.... (2) COMPLIED WITH AD 2006-07-06, BY COMPLETING CDC SB 2X-28-04 R1, INSTALLATION OF FUEL LINE GUARD AND ASSOCIATED AND HARDWARE, SEE LOG ENTRY DATED 12/05.... (3) COMPLIED WITH AD 2006-19-10 BY COMPLETING CDC SB2X-25-06 R4 INSTALLATION OF NEW STYLE CREW SEAT RECLINE LOCKS. SEE LOG ENTRY DATED 12/05 AND CDC SB2X-25-17 REPLACEMENT OF CREW SEAT BREAK OVER BOLTS.... (4) COMPLIED SB 2X-25-17 BY INSTALLING NEW STYLE CREW SEAT BREAK OVER BOLTS AS PER PROVIDED INSTRUCTIONS.... (5) REMOVED AND REPLACED PITOT TEE WITH NEW.... (6) PRE PURCHASE INSPECTION.

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 work order listed below.

DATE: 4/3/2007

SIGNED:

Frank R Galella

Work Order: 6991

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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus
 MODEL: SR22
 S/N: 0054
 REG. NO: 310VP
 WORK ORDER: 7105



Lincoln Park Aviation

Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 5/24/2007
 A/C TSN: 485.4
 HOBBS: 485.4

Airframe Entries

(1) COMPLIED WITH SBA 2X-95-10 R2 BY INSTALLING NEW CAPS ROCKET COLLAR.... (2) SB 2X-95-09 R1 BY INSPECTING CAPS STRAP AND INSTALLING LEFT FUSELAGE STRAP SHEATH.... (3) INSTALLED NEW CAPS REEFING LINE CUTTERS. NEXT DUE 02/2013.... (5) UPDATED MFD SOFTWARE TO REL 6.2.1.... (6) COMPLIED WITH 2X-53-03 BY INSTALLING NEW STYLE TAIL SKID.... (7) INSTALLED NEW #2 BATTERIES NEXT DUE 5/2009.... (9) COMPLIED WITH SB 2X-27-14 BY INSTALLING NEW HARDWARE IN RUDDER/AILERON INTERCONNECT.

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 work order listed below.

DATE: 5/24/2007

SIGNED:

Inspector 2

Work Order: 7105

Frank R Galella
 Certified Repair Station No. LKPR101K

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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER.
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 1103 09-August-2007 WO# 12865/1 AC TT 496.3 HOBBS 496.3
 N310VP S/N 0054 CIRRUS DESIGN CORP. SR-22 Pg 1 / 1

**** ITEM # 12865-1 REPAIR TRANSPONDER ****
 DISCREPANCY: REPORTED: ATC REPORTS INTERMITTENT NO CONTACT.
 ACTION: OPS CHECKED AND FOUND ANTENNA SYSTEM HAS FAULTY GROUND BONDING AND MODE-C IS INOP. REBONDED ANTENNA GROUND. REMOVED FAULTY ACK A-30 ALTITUDE ENCODER, S/N 39862. INSTALLED NEW TRANS-CAL SSD120-30A ENCODER, S/N A68268. TRANSPONDER/MODE-C OPERATION FINAL CHWECKS TO MFG'S SPECS.

Mark J. Forth

8/9/07

CRS# LN7R261N MARK J. FORTH Date

MAKE: Cirrus
 MODEL: SR22
 S/N: 0054
 REG. NO: 310VP
 WORK ORDER: 7445



Lincoln Park Aviation

Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 10/15/2007
 A/C TSN:
 HOBBS: 504.3

Airframe Entries

(2) COMPLIED WITH SB 2X-27-14 R2, BY REMOVAL OF WASHERS FROM RUDDER/AILERON INTERCONNECT.... (3) COMPLIED WITH AD 2007-14-03 BY COMPLETING CDC SB 2X-95-10 R2 INSTALLATION OF CAPS ROCKET COLLAR.

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 work order listed below.

DATE: 10/15/2007

SIGNED:

[Signature]

Frank R Galella
 Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7445

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MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus
 MODEL: SR22
 S/N: 0054
 REG. NO: 310VP
 WORK ORDER: 7686



Lincoln Park Aviation

Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 3/3/2008
 A/C TSN: 513.7
 TACH:

Airframe Entries

(1) ANNUAL/AIRFRAME- Jacked aircraft, removed wheels, greased bearings and gear. Checked brakes, checked retraction and emergency extension (if equipped). Checked electrical system and battery. Checked all controls and lubed as needed. Removed all inspection plates, checked structure and lubricated as required. Checked cockpit belts, lights and instrument operation. Inspect ELT in accordance with FAR 91.207 paragraphs (c) and (d). Aircraft checked for conformity to the appropriate TCD's.... (4) COMPLIED WITH SB 2X-27-14 R3 BY INSTALLATION OF NEW RUDDER/AILERON INTERCONNECT HARDWARE.... (5) COMPLETED AD/SB RESEARCH LIST.... (7) CLEANED, INSPECTED, REBUILT AND REINSTALLED BOTH LEFT AND RIGHT BRAKE CALIPERS. SERVICED WITH NEW 5606.... (8) REMOVED AND REPLACED INDUCTION AIR FILTER WITH NEW.... (9) COMPLIED WITH SB 2X-57-05 WITH INSTALLATION OF APPROPRIATE SHIMS AND ADDITIONAL WASHERS IAW CDC SB INSTRUCTION.... (10) INSTALLED NEW LEFT AND RIGHT MAIN GEAR GROMMETS.... (11) INSTALLED NEW LEFT MAIN TIRE.... (12) INSTALLED NEW BEARING AND RACE ON OUTBOARD SIDE OF LEFT MAIN WHEEL.... (13) INSTALLED NEW RIGHT REAR EYEBALL LIGHT SWITCH.... (14) INSTALLED NEW REAR EYEBALL LIGHT.... (15) RESECURED BOTH REAR EYE BALL LIGHT TRIM PANELS.... (16) INSTALLED NEW CABIN DOME LIGHT BULB.... (17) APPLIED ANTI-CHAFE TAPE TO BOTH LEFT AND RIGHT FLAPS.... (20) RESAFETIED E-MAX CANNON PLUG.... (21) RETORQUED LOWER RUDDER HINGE BOLT AND SAFETIED.... (22) RETORQUED BOTH RIGHT AND LEFT AILERON PIVOT ARM BOLTS AND SAFETIED.... (23) REBONDED RIGHT MAIN GEAR MID FAIRING MOUNT.... (26) INSTALLED MAIN GEAR BRAKE LINE ANTI-CHAFE KIT ON BOTH MID FAIRINGS.... (28) COMPLIED WITH SB 2X-52-04 R2 BY INSTALLATION OF BOTH CABIN DOOR STRUT ROD END CATCHERS.... (29) COMPLIED WITH AD 2008-03-16 BY COMPLETING CDC SB 2X-27-14 R3.

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 work order listed below.

DATE: 3/3/2008

SIGNED:

Frank R Galella
 Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7686

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MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus
MODEL: SR22
S/N: 0054
REG. NO: N310VP
WORK ORDER: 705

Advanced Aircraft Services LP

500 Airport Road Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/22/2008
A/C TSN: 533.7
HOBBS: 533.7

Airframe Entries

Reinstalled the rear co-pilots side window seal.... Rebonded the right side lower wing root fairing as needed.

Maintenance Release

The aircraft and/or component(s) on N310VP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 705, Dated 8/22/2008.

DATE: 8/22/2008

SIGNED:


James J. Mazzante, A&P: 2699478

Work Order: 705

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22
S/N: 0054
REG. NO: N310VP
WORK ORDER: 706

Advanced Aircraft Services LP

500 Airport Road Suite D
Lititz, PA 17543
Phone: 717-735-5179

DATE: 8/22/2008
A/C TSN: 533.7
HOBBS: 533.7

Airframe Entries

Complied with SB 2X-34-23R1 WAAS antenna upgrade for Non-PFD equipped aircraft by installing only the forward #1 antenna. All Avionics work to be completed by Lancaster Avionics.

Maintenance Release

The aircraft and/or component(s) on N310VP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 706, Dated 8/22/2008.

DATE: 8/22/2008

SIGNED:

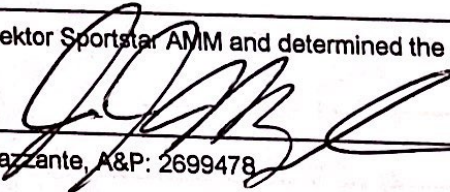

James J. Mazzante, A&P: 2699478

Work Order: 706

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL: SR22 S/N: 0054 REG. NO: N310VP WORK ORDER: 712	Advanced Aircraft Services LP 500 Airport Road Suite D Lititz, PA 17543 Phone: 717-735-5179	DATE: 8/27/2008 A/C TSN: 533.8 HOBBS: 533.8
	Airframe Entries		
	Replaced the pitch trim servo assembly, checked elevator travels, checked good.		
	Conducted an Annual Inspection IAW the Evektor Sportstar AMM and determined the aircraft is in a condition for safe flight.		
DATE: 8/27/2008	SIGNED: 		Work Order: 712
	James J. Mazzante, A&P: 2699478		Printed by EBis 3 (datcomedia.com)

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1607 02-September-2008 WO# 13948
N310VP S/N 0054 CIRRUS DESIGN CORP. SR22

Pg 1 / 2

**** ITEM # 13948-1 C/W WAAS UPGRADE ****
DISCREPANCY: C/W WAAS UPGRADE.

ACTION: ** #1 GNS430 ONLY Partial WAAS Upgrade for Cirrus w/Sandel EHSI ** Validated that the previous installation of #1 Garmin GNS430 was installed IAW with Garmin instructions and approved per Cirrus Design Type Certificate dated 07/09/2001. Verified this aircraft and all interfaced equipment are covered under the AML for STC# SA01933LA and Garmin 400w/500w Series Upgrade Manual p/n 190-00357-06 Rev B (or later) per TSO-C146a. Completed work related to Cirrus Service Bulletin #SB 2X-34-23R1 (#1 System ONLY) as previously partially completed per Advanced Aircraft Services LP, James J. Mazzante A&P #2699478 - REF logbook entry. Completion work included connection of GPS coax to #1 GNS430W, and completed configuration/calibration/checkout of associated systems. The existing location of the GNS430W was found to be OUTSIDE the prescribed "Acceptable view" and therefore prior approval status continues (not certified for WAAS). Verified the GPS antenna location and coax specifications meet the prescribed requirements of Cirrus SB 2X-34-23R1. The existing wiring and shielding was inspected and determined to be IAW the STC data. The existing #1 GA56 GPS antenna was removed and replaced with an antenna supplied via Cirrus SB 2X-34-23R1. Summary of modifications done to the aircraft: Removed #1 Garmin GA56 antenna p/n 011-00134-00 and installed new GPS/WAAS antenna per Cirrus SB 2X-34-23R1 (Per Advanced Aircraft Services LP). Removed #1 Garmin GNS430's p/n 011-00280-10 s/n 97104055. Installed Garmin upgraded GNS430W p/n 011-01060-40 s/n 97104055 using previously approved provisions from the removed GNS430. Updated the aircraft Equipment List. Weight and Balance change negligible. Inserted Garmin supplied Instructions for Continued Airworthiness p/n 190-00356-65 in the aircraft records.

**** ITEM # 13948-2 HARDWIRE GPS496 ****
DISCREPANCY: HARDWIRE 496.

MAINTENANCE RECORD

F.A.R. 43.9

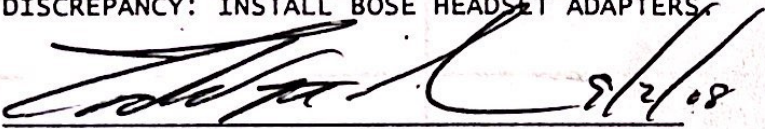
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1607 02-September-2008 WO# 13948
N310VP S/N 0054 CIRRUS DESIGN CORP. SR22
Pg 2 / 2

ACTION: PROVIDED AUX POWER, AUX MUSIC, AND AUX FLIGHTPLAN DATA CONNECTION FOR DEVICE TO BE DETERMINED BY THE PILOT.

**** ITEM # 13948-3 STATIC NOISE WHEN USING ELECTRIC TRIM ****
DISCREPANCY: STATIC NOISE IN HEADSET WHEN USING ELECTRIC TRIM.
ACTION: CONFIRMED PROBLEM TO BE WITH PITCH SERVO. ITEM DEFERRED AND RESOLVED BY ADVANCED AIRCRAFT SERVICES. OPS CHECKED GOOD.

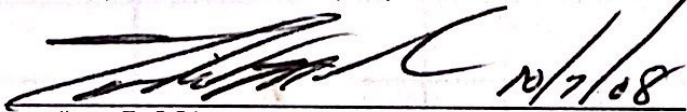
**** ITEM # 13948-4 INSTALL BOSE JACKS ****
DISCREPANCY: INSTALL BOSE HEADSET ADAPTERS.


CRS# LN7R261N Date 9/2/08

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1631 08-October-2008 WO# 14056
N310VP S/N 0054 CIRRUS DESIGN CORP. SR22
Pg 1 / 1

**** ITEM # 14056-1 UPDATE SANDEL HSI SOFTWARE ****
DISCREPANCY: REPORTED: UPDATE SANDEL HSI SOFTWARE.
ACTION: UPGRADED SANDEL SN3308-00-BL S/N 3688 FROM VERSION 2.10 TO VERSION 2.30 IAW SIL 3308-08.
CONFIRMED PROGRAMMING AND CONFIGURATIONS.

Upgrade of Sandel SN3308 completes WAAS Upgrade for #1 GNS430W ONLY. This work supercedes partial upgrade per logbook entry dated 9/2/2008. Verified this aircraft and all interfaced equipment are covered under the AML for STC# SA01933LA and Garmin 400w/500w Series Upgrade Manual p/n 190-00357-06 Rev B (or later) per TSO-C146a. The location of the #1 GNS430W was found to be OUTSIDE the prescribed "Acceptable View" however required annunciators are now contained in the upgraded SN3308 EHSI. Retained previously inserted Garmin supplied Instructions for Continued Airworthiness p/n 190-00356-65 in the aircraft records. Inserted new GNS430W Flight Manual Supplement p/n 11934-s38 FAA Approved date 11/11/2007 into Aircraft Flight Manual.


CRS# LN7R261N Date 10/7/08

Scanned with CamScanner

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
10/5/01	6.4
7/10/01	10.4 Hrs

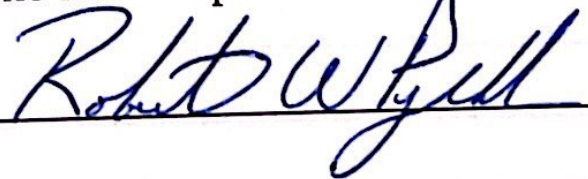
Production Flight Test accomplished in accordance with Cirrus Procedure #90502.

Name: Terry LeSage Date: 10 Jun 01

Signature: 

Title: Production Flight Test Pilot

I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 07/10/01.
The next inspection is due 07/31/02.



Robert W. Pylkka
DMIR410075CE

INSPECTION RECORD

F.A.R. 43.11-91.409

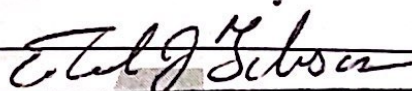
KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE	AIRCRAFT TIME IN SERVICE
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Date 7-19-02 T.T. 125.5 Tach: 125.5

I certify that this AC/~~engine~~ has been inspected in accordance with an annual/~~100hr~~ inspection and was determined to be in an airworthy condition.

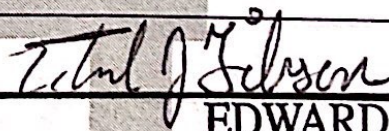


EDWARD J. GIBSON

A&P 2632796 IA

Date 9-2-03 T.T. 198 Tach: 198

I certify that this AC/~~engine~~ has been inspected in accordance with an annual/~~100hr~~ inspection and was determined to be in an airworthy condition.



EDWARD J. GIBSON

A&P 2632796 IA

Date 11-12-04 T.T. 274.8 Tach: 274.8

I certify that this AC/~~engine~~ has been inspected in accordance with an annual/~~100hr~~ inspection and was determined to be in an airworthy condition.



EDWARD J. GIBSON

A&P 2632796 IA

INSPECTION RECORD

F.A.R. 43.11-91.409

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

North East Aero
97 Hangar RD Montgomery NY, 12549 (845) 457-1184
Cirrus Design SR22 N310VP S/N 0054
Hobbs Time: 567.5

01, April 2009

1. Completed Annual Inspection IAW Cirrus Design Maintenance Manual 100hr/Annual Inspection checklist
2. Opened all inspection panels, removed cowling and wheel pants.
3. Lubricated airframe as required.
4. Checked control cables with proper tension found.
5. Cleaned, inspected and re-packed all wheel bearings as required.
6. Replaced brake caliper o-rings with new. (P/N: 101-34500) Bled system as required.
7. Removed and replaced all brake linings with new. (P/N: 066-10500, 105-00200)
8. Removed and replaced RH and LH aileron gap seal with new. (P/N: 14390-002)
9. Installed anti-chafe tape to inboard LH flap as required. (P/N: 51168-002U)
10. Adjusted co-pilots door as required for proper operation.
11. Removed and replaced incorrect hardware on flap hinges with new. (P/N: AN4-3, MS17825-4)
12. Removed battery heater as required.
13. Installed new brake bleeder caps as required. (P/N: 183-00100)
14. Removed and replaced nose wheel axle bolt with new. (P/N: AN6-72)
15. Removed and replaced lower nose gear rebound bumper with new. (P/N: 13703-001) *fjm*

INSPECTION RECORD

North East Aero

97 Hangar RD Montgomery NY, 12549 (845) 457-1184

Cirrus Design SR22 N310VP S/N 0054

16. Removed and replaced RH and LH nose wheel pant mounting brackets with new. (P/N: 11799-003)
17. Re-bonded baggage window lower edge as required.
18. Re-attached RH and LH lower wing root fairings as required and sealed with clear mylar tape. (P/N: 51042-005U)
19. Disassembled nose wheel fork as required, cleaned and re-assembled with new nut and Teflon washer as required. Set swivel tension as required. (P/N: 50545-001, MS17826-8)
20. Inspected landing gear with no defect noted.
21. Removed interior and all interior panels for inspection.
22. Visually inspected airframe and components with no defects noted.
23. Complied with SB2X-28-03R1 Fuel selector valve shaft sleeve by installation of mod kit IAW SB instructions. (P/N: 70097-001)
24. Complied with SB22-32-01 Improved nose gear hardware by installation of mod kit IAW SB instructions. (P/N: 70017-001, NAS77-10-025)
25. Complied with SB2X-55-05 Rudder cap and elevator drain holes by enlarging drain holes as required IAW SB instructions.
26. Complied with SB2X-57-03R1 Wing tip shear pin engagement by inspection with proper engagement noted.
27. Complied with SB2X-71-01 Engine mount bolt isolator tension by installation of locking washers and torquing engine mounts as required. (P/N: MS9276-13)
28. Removed ELT S/N: 038885 and inspected for condition and proper operation IAW FAR 91.207. Removed and replaced main batteries with new. (MN1300) Main battery expiration date 03/15. Removed and replaced remote battery with new (P/N:28L) Exp: 03/2017.
29. Completed AD list and complied with all outstanding AD's as required. Reference AD list dated 04/09.
30. Closed all inspection panels. Installed wheel pants and cowls.

*I certify this Aircraft was inspected in accordance with
an Annual Inspection and found to be in an airworthy condition.*

James T. Markey 3166872IA

James T. Markey

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date: 5/14/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 625.70; Total Time: 625.70 Shop Order #: SH-10-0164</p> <p>Item: 2 ANNUAL INSPECTION DUE ON THIS CIRRUS SR22. COMPLIED WITH THE ANNUAL INSPECTION ON THIS CIRRUS SR22.</p> <p>Item: 3 A.D AND TECHNICAL RESEARCH IS DUE. COMPLIED WITH THE A.D. RESEARCH FOR THIS AIRCRAFT UP TO THE DATE OF THIS ANNUAL INSPECTION.</p> <p>Item: 4 E.L.T. INSPECTION IS DUE PER F.A.R. 91.207 (d). COMPLIED WITH THE ELT INSPECTION PER FAR 91.207(d).</p> <p>Item: 5 INDUCTION AIR FILTER IS DUE CHANGE. REMOVED OLD INDUCTION AIR FILTER. INSTALLED NEW INDUCTION AIR FILTER PART NUMBER BA-24. I/A/W CIRRUS SR22 AMM 71-60-00.</p> <p>Item: 6 BOTH LEFT AND RIGHT BRAKE CALIPER O-RINGS ARE DUE REPLACEMENT. BLEED THE BRAKES WHEN COMPLETED. REMOVED BOTH LEFT AND RIGHT BRAKE CALIPERS FROM AIRPLANE. DIS-ASSEMBLED, CLEANED, INSPECTED BRAKE ASSEMBLIES, NO DEFECTS NOTED AT THIS TIME. RE-ASSEMBLED BRAKE CALIPERS WITH NEW O-RINGS PART NUMBER MS28775-222, RE-INSTALLED BOTH BRAKE CALIPERS ONTO AIRPLANE, AND BLEED THE BRAKES AS NEEDED. WORK PERFORMED I/A/W CIRRUS SR22 AMM 32-42-00.</p> <p>Item: 7</p>
		<p>Continued on next page. (JES)</p>

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

AD 07-24-13 AMEND. 39-15279 DATED 12/04/07 (WING TIP TO WING STRUCTURE INTERFACE) DUE. COMPLIED WITH AD 2007-24-13 AMENDMENT 39-15279, DATED 12/4/07. WING TIP TO WING STRUCTURE INTERFACE. FOUND THAT THIS AD DOES NOT APPLY TO THIS AIRCRAFT SERIAL NUMBER 0054. NO FURTHER ACTION TAKEN.

Item: 8

AD 08-14-13 AMEND. 39-15608 DATED 8/14/08 (CABIN DOOR ROD END AND HINGE PIN) DUE. COMPLIED WITH AD 2008-14-13 AMENDMENT 39-15608, DATED 8/14/08. CABIN DOOR ROD END AND HINGE PIN. FOUND THAT THIS AD DOES NOT APPLY TO AIRCRAFT SERIAL NUMBER 0054. NO FURTHER ACTION TAKEN.

Item: 9

AD 09-26-01 AMEND. 39-16136 DATED 12/21/09 (ANTI-ICE FLUID DISTRIBUTION LINE COMPRESSION) due. COMPLIED WITH AD 2009-26-01 AMENDMENT 39-16136 DATED 12/21/09. ANTI-ICE FLUID DISTRIBUTION LINE COMPRESSION. FOUND THAT THIS AD DOES NOT APPLY TO THIS AIRCRAFT SERIAL NUMBER 0054, AND DE-ICE SYSTEM IS NOT INSTALLED ON THIS AIRCRAFT. NO FURTHER ACTION TAKEN.

Item: 10

AD 10-01-03 AMEND. 39-16159 DATED 1/20/10 (FIRE FIGHTING ENTERPRISES LIMITED) DUE. COMPLIED WITH AD 2010-01-03 AMENDMENT 39-16159 DATED 1/20/10. FIRE FIGHTING ENTERPRISES LIMITED CONTAMINATED HALON. FOUND THAT THIS AIRCRAFT MANUFACTURER IS NOT ON THE AD'S AIRCRAFT MANUFACTURES LIST. NO FURTHER ACTION TAKEN.

Item: 11

AD 10-04-16 AMEND. 39-16209 DATED 3/08/10 (TYPE H1-10 AIR HALON 1211 SICLI P/N=1708337B4 PORTABLE FIRE EXTINGUISHER CONTAMINATED HALON) DUE. COMPLIED WITH AD 2010-04-16 AMENDMENT 39-16209, DATED 3/8/10 PORTABLE FIRE EXTINGUISHER

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
		<p>CONTAMINATED HALON. FOUND THAT THIS AD DOES NOT APPLY TO THIS AIRCRAFT. AIRCRAFT MANUFACTURER NOT INCLUDED ON AD MANUFACTURER LIST.</p> <p>Item: 12 REMOVE LEFT AILERON FOR THE ROLL TRIM CARTRIDGE INSPECTION. RE-INSTALL AILERON FOLLOWING. REMOVED LEFT AILERON I/A/W CIRRUS SR22 AMM 57-50-00. INSPECTED ROLL TRIM CARTRIDGE, ROD END CLEARANCE IS TOO CLOSE TO BELL CRANK. ADJUSTED CLEARANCE AS NEEDED, SEE ITEM NUMBER 23, THIS WORK ORDER. I/A/W CIRRUS SR22 AMM 27-10-00. RE-INSTALLED LEFT AILERON I/A/W CIRRUS SR22 AMM 57-50-00.</p> <p>Item: 13 REMOVE INDUCTION Y-PIPE TO CHECK WELDS FOR CRACKS. REMOVED INDUCTION Y-PIPE ASSEMBLY. INSPECTED THE BOTTOM OF Y-PIPE WELDS FOR CRACKS, AROUND THE FLAPPER VALVE HINGE PIN, NO CRACKS NOTED AT THIS TIME. RE-INSTALLED INDUCTION SYSTEM Y-PIPE ASSEMBLY I/A/W CIRRUS SR22 AMM 71-60-00.</p> <p>Item: 14 EXHAUST/TAILPIPE SUPPORT AT FIREWALL IS WORN. REMOVED OLD EXHAUST/TAIL PIPE SUPPORT FROM FIREWALL. INSTALLED NEW EXHAUST/TAIL PIPE SUPPORT PART NUMBER 13925-001. ONTO FIREWALL. I/A/W CIRRUS SR22 AMM 78-20-00.</p> <p>Item: 15 PLACARD FOR OIL WEIGHT, IS MISSING ON OIL SERVICE DOOR. PREPPED THE OIL SERVICE DOOR WITH 3M NUMBER 94 TAPE PRIMER. INSTALLED NEW OIL SERVICE GRADE PLACARD PART NUMBER 14231-001, ONTO OIL SERVICE DOOR. I/A/W CIRRUS SR22 AMM 11-20-00.</p> <p>Item: 16 FUEL SEEPING FROM HARD LINE AND B-NUT UNION IN LEFT WING ABOVE WHEEL.</p> <p>Continued on next page (JB)</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>SNUGGED UP FUEL LINES' B-NUTS ON UNION IN LEFT WING, OVER WHEEL AS NEEDED. LEAK CHECKED HARD LINE UNION ON SEVERAL DIFFERENT OCCASIONS. NO LEAKS NOTED.</p> <p>Item: 17 VERTICAL SPEED INDICATOR LIGHTS IN OP. FOUND THAT WRONG VSI WAS INSTALLED. SEE AVIONICS WORK ORDER NUMBER A-10-0086, ITEM NUMBER 2.</p> <p>Item: 18 OIL GAUGE LIGHT INOP. REMOVED OLD LAMP FROM OIL PRESSURE/TEMPERATURE GAUGE. INSTALLED NEW LAMP INTO OIL PRESSURE/TEMPERATURE GAUGE. OPERATIONAL CHECK GOOD AT THIS TIME.</p> <p>Item: 19 BOTH PITOT AND STATIC LINES ARE CHAFING METAL U-CHANNEL UNDER CENTER CONSOLE. INSTALLED SPIRAL WRAP ON BOTH PITOT AND STATIC LINES UNDERNEATH CENTER CONSOLE AREA, TO PREVENT CHAFING ON METAL U-CHANNEL.</p> <p>Item: 20 AIRCRAFT SECONDARY BATTERIES DUE REPLACEMENT. REMOVED OLD SECONDARY BATTERIES. INSTALLED 2 NEW SECONDARY BATTERIES PART NUMBER 50979-001, DATE OF MANUFACTURE IS 4/12/10. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/AW CIRRUS SR22 AMM 24-30-00. BATTERIES NEXT DUE REPLACEMENT 4/2012.</p> <p>Item: 21 RUDDER/AILERON INTERCONNECT DUE REPLACEMENT. REMOVED OLD RUDDER/AILERON INTERCONNECT SHOCK CORD. INSTALLED NEW RUDDER/AILERON INTERCONNECT SHOCK CORD PART NUMBER 12983-001. RIGGED THE SYSTEM AS NEEDED. WORK PERFORMED I/AW CIRRUS SR22 AMM 27-20-00.</p> <p>Item: 22</p>
		<p>Continued on next page. </p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>NUMBER 4 CYLINDER CHT INDICATION ERRATIC. REMOVED NUMBER FOUR CYLINDER CHT PROBE. INSTALLED NEW NUMBER FOUR CYLINDER CHT PROBE PART NUMBER 14880-001. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/A/W CIRRUS SR22 AMM 77-20-00.</p> <p>Item: 23 THE ROLL TRIM CARTRIDGE ROD END GAP IS TOO CLOSE AT AILERON BELL CRANK. REMOVED ROLL TRIM CARTRIDGE ROD-END FROM AILERON BELL-CRANK. INSTALLED THIN WASHER BETWEEN ROD END AND BELL CRANK, DURING RE-INSTALLATION. NOW GAP BETWEEN ROD END AND BELL CRANK IS WITHIN LIMITS. I/A/W CIRRUS SR22 AMM 27-10-00.</p> <p>Item: 24 POH MISSING REVISIONS 7,8 AND 9. UPDATED PILOT'S OPERATING HANDBOOK BY INSERTING REVISIONS 7,8 & 9.</p> <p>Item: 25 NEED TO APPLY FOIL TAPE TO BOTH LOWER COWLINGS' FOAM CORE TO PREVENT DE-LAMINATION. PREPPED BOTH LOWER COWLINGS FOR FOIL TAPE INSTALL WITH 3M NUMBER 94 TAPE PRIMER. INSTALLED 4" WIDE TAPE TO BOTH LOWER COWLINGS' FOAM CORE TO REFLECT HEAT, AND PREVENT DE-LAMINATION OF FOAM CORE.</p> <p>Item: 26 WRONG WING TIE-DOWNS INSTALLED INTO BOTH WINGS. REMOVED IMPROPER WING TIE DOWN RINGS. INSTALLED NEW WING TIE DOWN EYE-BOLTS PART NUMBER 12403-001.</p> <p>Item: 27 LEFT WING TO FUSELAGE FAIRING COMING LOOSE. RE-SECURED LEFT WING TO FUSELAGE FAIRING AS NEEDED ON LOWER SIDE.</p> <p>Item: 28</p>
		<p>Continued on next page. (JE)</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>LEFT HORIZONTAL STABILIZER TO FUSELAGE JOINT, BODY FILLER IS CRACKED. REMOVED, AND SANDED OUT CRACKED BODY FILLER. APPLIED NEW BODY FILLER, SANDED, AND PAINTED AREAS ON LEFT HORIZONTAL STABILIZER WHERE IT MEETS FUSELAGE. WORK PERFORMED I/A/W CIRRUS SR22 AMM 51-20-00.</p> <p>Item: 29</p> <p>LEFT CABIN ENTRANCE STEP ANTI-SLIP PAD COMING OFF. REMOVED THE REST OF THE OLD ANTI-SLIP PAD. CLEANED GLUE RESIDUE OFF OF STEP. INSTALLED NEW ANTI-SLIP PAD PART NUMBER 12683-006 ONTO THE LEFT CABIN ENTRANCE STEP.</p> <p>Item: 30</p> <p>CABIN HEAT TEMP CONTROL KNOB LOOSE ON SHAFT, CABLE IS FROZEN. LUBRICATED CABIN HEAT CONTROL CABLE AS NEEDED. RE-ROUTED CABLE THROUGH PROPER CLAMP AT HEAT CONTROL KNOB BEHIND INSTRUMENT PANEL. OPERATIONAL CHECK GOOD AT THIS TIME.</p> <p>Item: 31</p> <p>COMPLY WITH CIRRUS SB 2X-05-01 BRAKE ASSEMBLY O-RING REPLACEMENT INTERVAL. COMPLIED WITH CIRRUS SB 2X-05-01, BRAKE ASSEMBLY O-RING REPLACEMENT INTERVAL BY INSTALLING KIT PART NUMBER 70227-002.</p> <p>Item: 32</p> <p>COMPLY WITH CIRRUS SB 2X-25-05 R2 RELEASE OF AM-SAFE MANDATORY SB 504907-25-02 AND 504491-25-01.</p> <p>COMPLIED WITH CIRRUS SB 2X-25-05 R2 RELEASE OF AM-SAFE MANDATORY SB 504907-25-02, AND 504491-25-01. INSTALLED CIRRUS PARTS KIT NUMBER 70064-102, AM-SAFE PLUG PART NUMBER 502913, INTO EACH SEAT BELT RESTRAINT.</p> <p>Item: 33</p> <p>COMPLY WITH CIRRUS SB 2X-32-19 R2 NOSE LANDING GEAR ASSEMBLY INSPECTION AND</p>
		<p>Continued on next page (JSB)</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>REINFORCEMENT. COMPLIED WITH CIRRUS SB 2X-32-19 R2 NOSE LANDING GEAR ASSEMBLY INSPECTION AND RE-REINFORCEMENT. INSPECTED NOSE GEAR UPPER GUSSET PLATE, NO CRACKS NOTED AT THIS TIME. NEXT DUE IN 100 HOURS. INSTALLED NOSE GEAR REINFORCEMENT KIT PART NUMBER 70238-001.</p> <p>Item: 34 COMPLY WITH CIRRUS SB 2X-95-12 CAPS CMM LINE CUTTERS RIGGING ILLUSTRATION ERROR. COMPLIED WITH CIRRUS SB 2X-95-12 CAPS CMM LINE CUTTERS RIGGING ILLUSTRATION ERROR. FOUND THAT THE REEFING LINE CUTTERS WERE NOT REPLACED DURING THE SPECIFIED DATES IN SERVICE BULLETIN.</p> <p>Item: 35 RIGHT CONTROL STICK TRIM LABEL NOT POSITIONED CORRECTLY. INSTALLED ALL THREE AILERON RIG PINS TO POSITION AILERON CONTROL SYSTEM TO NEUTRAL. REMOVED RIGHT SIDE TRIM LABEL INDICATOR, AND RE-INSTALLED TRIM LABEL INDICATOR IN PROPER POSITION, NOW AILERON SHOW NEUTRAL POSITION FROM RIGHT SEAT. REMOVED ALL THREE AILERON RIG PINS.</p> <p>Item: 36 CRACK IN BODY FILLER FORWARD OF OIL SERVICE DOOR. SANDED OUT CRACKS AROUND OIL SERVICE DOOR. APPLIED NEW BODY FILLER, SANDED, AND PAINTED AREAS AS NEEDED. WORK PERFORMED I/AW CIRRUS SR22 AMM 51-20-00.</p> <p>Item: 37 INSTRUMENT PANEL IS CRACKED BY THE ANNUNCIATOR LIGHTS, AT THE DIM/TEST SELECT SWITCH. REMOVED OLD INSTRUMENT PANEL. INSTALLED NUT-PLATES ONTO NEW INSTRUMENT PANEL PART NUMBER 14579-001. APPLIED NEW GRAPHIC OVERLAY PART NUMBER 14745-001 ONTO NEW</p>
		<p>Continued on next page. (JB)</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>INSTRUMENT PANEL. INSTALLED NEW INSTRUMENT PANEL WITH NEW GRAPHIC OVERLAY INTO AIRPLANE.</p> <p>Item: 38</p> <p>WHILE CHANGING RUDDER AILERON INTERCONNECT. FOUND AILERONS TO BE OUT OF RIG. THE LEFT AILERON IS OFF OF NEUTRAL.</p> <p>ADJUSTED/MOVED LEFT AILERON TO NEUTRAL POSITION, WITH AILERON CABLES. PERFORMED CABLE TENSIONS CHECK. NOW LEFT AILERON IS IN NEUTRAL WHEN YOKES AND RIGHT AILERON IS NEUTRAL. WORK PERFORMED I/A/W CIRRUS SR22 AMM 27-10-00.</p> <p>Item: 39</p> <p>FOUND ELT BATTERIES LEAKING ACID.</p> <p>REMOVED ELT BATTERIES. NO ACID WAS INSIDE ELT BATTERY CASE. INSTALLED 8 NEW DURACELL "D" BATTERIES WITH THE SAME DATES. ELT OPERATIONAL CHECK GOOD AT THIS TIME. BATTERIES NEXT DUE REPLACEMENT MAY 2012.</p> <p>Item: 40</p> <p>AD 01-23-17 AMEND. 39-12516 DATED 12/28/01 (INACCURATE COURSE DEVIATION DISPLAY) DUE. COMPLIED WITH AD 01-23-17 AMEND. 39-12516 DATED 12/18/01 BY FINDING THIS AD DOES NOT APPLY TO THE GARMIN GNS 430 UNITS PER THE SERIAL NUMBER ON THE UNITS INSTALLED.</p> <p>Item: 41</p> <p>AIR WOLF AIR/OIL SEPARATOR INSTALLED ON AIRPLANE HAS NO 337 OR WEIGHT AND BALANCE PAPER WORK REFLECTING INSTALLATION.</p> <p>INSPECTED SOMEONE ELSE'S INSTALLATION OF THE AIR WOLF FILTER CORP. AIR/OIL SEPARATOR. IN ACCORDANCE WITH AIR WOLF STC NUMBER SA02268CH, PER INSTALLATION INSTRUCTIONS, DRAWING NUMBER AFC-W347 RA, DATED 12/1/04. FOUND THAT THIS INSTALLATION WAS PERFORMED CORRECTLY AND IS GOOD FOR SERVICE. UP DATED AIRCRAFT WEIGHT AND BALANCE AS NEEDED TO REFLECT AIR/OIL SEPARATOR INSTALLATION. THE AIR/OIL SEPARATOR IS</p>
		<p>Continued on next page (JB)</p>

INSPECTION RECORD

Date: 5/14/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 625.70; Total Time: 625.70

Shop Order #: A-10-0086

DATE

Item: 2

VSI LIGHTING INOP.

REMOVED AEROSONIC 4K' IVSI P.N.30230-0124, S.N.WA192 AND REPLACED WITH UNITED INSTRUMENTS 2K' P.N. 7000C.83, M.N. 7000, S.N.305088 O/H BY MID-CONTINENT INSTRUMENTS, INC. FAACRS OL2R061L ON W.O. WRK0104538. PERFORMED FAR 23.1325[b][2][ii] STATIC SYSTEM PRESSURE TEST. SYSTEM OPERATION PERFORMS SATISFACTORY.

Item: 3

REPLACE CONVENIENCE POWER 3AMP C.B. WITH 5 AMP C.B. AT CUSTOMER'S REQUEST REPLACED KLIXON 7277-2-3 C.B. WITH KLIXON 7277-2-5 C.B. EARLIER AND LATTER CIRRUS SR22 AIRCRAFT CAME FROM FACTORY EQUIPPED WITH A 5 AMP C.B. THIS AIRCRAFT FELL INTO A SERIAL RANGE THAT WAS EQUIPPED FOR A SHORT WHILE WITH A 3 AMP C.B. THERE WAS NEVER ANY CHANGE TO WIRING, POWER RECEPTACLE, CONVENIENCE CIRCUIT CARD[DC DOWN CONVERTER], WEIGHT AND BALANCE, ELECTRICAL LOAD/ ANALYSIS, P.O.H. OR OPERATIONAL PROCEDURES. ALL WORK PERFORMED IAW CIRRUS AIRCRAFT SR22 MAINTENANCE AND WIRING MANUALS AND FAR AC 43.13-1B, CH. 11. 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:

5-14-2010

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

Date: 5/18/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 626.90; Total Time: 626.90

Shop Order #: A-10-0088

Item: 2

'INVERTER CONFIGURATION ERROR' MESSAGE ON EHSI. RECONFIGURED SANDEL EHSI AS PER CIRRUS AIRCRAFT SR22 A.M.M. CH. 34-50. 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:

5-18-2010

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

Scanned with CamScanner

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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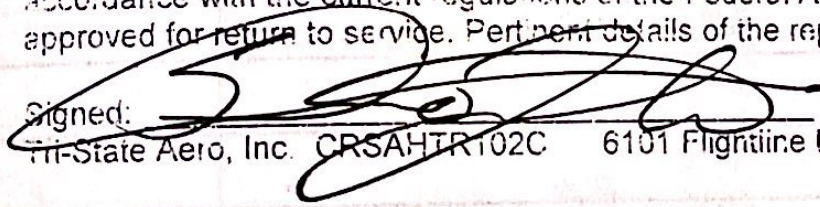
Date: 7/08/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 694.60; Total Time:
Shop Order #: SH-10-0275

Item: 2

RH BRAKE DECAL SHOWING BRAKE OVERHEAT CONDITION.
REMOVED AND INSPECTED BRAKE, LININGS, AND CALIPER FOR HEAT DAMAGE. NO DEFECTS NOTED
AT THIS TIME. REMOVED AND REPLACED BRAKE CALIPER O-RINGS P/N MS28775-222. REINSTALLED
CALIPER AND LININGS. INSTALLED NEW BRAKE TEMPERATURE KIT P/N 70227-002. BRAKE BLEED
AND LEAK CHECK GOOD IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 32-42.

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:

7/8/2010

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

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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Date: 12/03/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 784.90; Total Time: 784.90

Shop Order #: A-10-0210

Item: 2

PILOT'S P.T.T. INTERMITTENT.

REPLACED PILOT'S P.T.T. SWITCH ON YOKE. SYSTEM OPERATION PERFORMS SATISFACTORY.

Item: 3

#1 COMM A LITTLE WEAK.

FOUND #1 COMM. TO OPERATE WITHIN SPECS. SYSTEM OPERATION PERFORMS SATISFACTORY.

Item: 4

LOOSE KNOB ON ALTITUDE SELECTOR.

ST-360 ALTITUDE PRESELECTOR HAS INTERNALLY FAILED. NO RESOLUTION AT THIS TIME.

PLACARDED AS INOP.

Item: 5

#1 NAV TRACKS RIGHT OF COURSE.

ADJUSTED HDG/NAV TRACKING AS PER CIRRUS AIRCRAFT SR22 CH. 22 AND S-TEC

TROUBLESHOOTING GUIDE FOR: SYSTEM 55X RATE BASED AUTOPILOT GUIDE 2 1ST EDITION SEPT. 06.2006. SYSTEM OPERATION PERFORMS SATISFACTORY.

Item: 6

#1 G/S SLOPPY ON APPROACH.

CHECKED G/S FOR PROPER OPERATION. SYSTEM 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: 12-3-2010

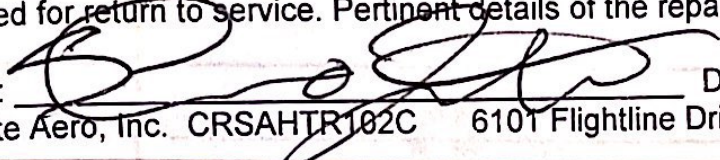
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

INSPECTION RECORD

Date: 2/18/2011; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 817.90; Total Time:; Engine -
Type: TCM IO-550-N(7), S/N: 685783, Time:
Shop Order #: SH-11-0083

Item: 300
CHT IS GIVING ERRONEUS READINGS.
VISUALY INSPECTED CHT WIRE HARNESS AND OPS CHECKED SYSTEM, COULD NOT DUPLICATE
PROBLEM AT THIS TIME.

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: 2/18/2011
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

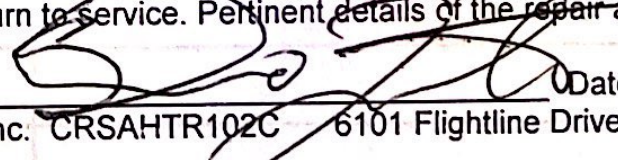
Date: 2/18/2011; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 817.90; Total Time:
Shop Order #: SH-11-0083

Item: 2
BOTH MAIN TIRES WORN BEYOND LIMITS.
REMOVED AND DISASSEMBLED BOTH MAIN WHEEL ASSEMBLIES. REMOVED AND REPLACED BOTH
MAIN TIRES WITH NEW TIRES P/N 070-449-0 FROM MICHELIN AIRCRAFT TIRE COMPANY THIER WORK
ORDER # DIDS7356N3 DATED SEPTEMBER 12, 2007. REASSEMBLED, REINSTALLED, AND SERVICED
BOTH MAIN WHEEL AND TIRE ASSEMBLIES IN REFERANCE WITH CIRRUS SR22 MAINTENANCE
MANUAL 32-41. LEAK CHECK GOOD AT THIS TIME.

Item: 3
PORTABLE OXYGEN REQUIRES SERVICING.
SERVICED OXYGEN BOTTLE TO 1800 PSI AS NEEDED.

Item: 4
MISSING HARDWARE NOSE GEAR WHEEL FAIRING.
INSTALLED NEW HARDWARE AS NEEDED TO NOSE WHEEL PANT.

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: 2/18/2011
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 12/02/2010; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 1785.00; Total Time:
Shop Order #. SH-10-0482

DATE

Item: 3

RIGHT ALTERNATOR LIGHT.

TROUBLE SHOT #2 ALTERNATOR SYSTEM. FOUND DRIVE COUPLING SHEERED. REPLACED WITH
NEW COUPLING PT#13565-020. PERFORMED OPERATIONAL CHECK NO DEFECTS NOTED AT THIS
TIME.

Item: 4

RIGHT WHEEL FAIRING FASTENER MISSING.
INSTALLED NEW SCREW AS NEEDED

Item: 5

INSPECT RUDDER TRIM HARDWARE.

INSPECTED RUDDER ELECTRIC TRIM HARDWARE & SAFTIES. NO DEFECTS NOTED AT THIS TIME.

Item: 6

INSPECT RIGHT BRAKE OVER TEMP IND.

INSPECTED RIGHT BRAKE ASSY. FOUND AN OVER TEMP INDICATION . REMOVED CALIPER
DISSASSEMBLED . CLEANED INSPECTED & REASSEMBLED WITH NEW ORINGS PT# MS28775-22 .
REINSTALLED ON AIRCRAFT BLED RIGHT BRAKE. PERFORMED OPERATIONAL CHECK NO DEFECTS
NOTED AT THIS TIME.

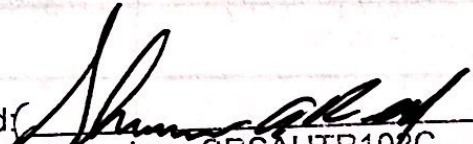
item: 7

ENGINE AIR FILTER SPLIT (COMING APART).

INSTALLED NEW BA-24 FILTER ELEMENT AS NEEDED.

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. CRSATR102C

Dated:

12-2-10

6101 Flightline Drive

Evansville, Indiana 47725

812-426-1221

REMOVED THE CRACKED OUT BODY FILLER AT UPPER OUTBOARD END OF L. WING TIP. INSTALLED A FIBERGLASS BACKING PLATE MADE OF NON-STRUCTURAL RESIN AND CLOTH, TO SUPPORT THE BODY FILLER. APPLIED AND CONTOURED BOD FILLER AS NEEDED. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 A.M.M 51-20-00.

Discrepancy: 7

STRIPPED SCREWS

Corrective Action: 7

REMOVED SEVERAL STRIPPED SCREWS AS NEEDED.

Discrepancy: 8

CHT INDICATION FLUCTUATES IN FLIGHT.

Corrective Action: 8

TROUBLESHOT CHT SYSTEM. NO DEFECTS NOTED. CIRRUS RECOMMENDS REPLACEMENT OF SIU. CUSTOMER DOES NOT WANT TO REPLACE SIU UNIT.

Discrepancy: 9

RH FUEL INDICATION RECORDING READS HIGH.

Corrective Action: 9

DRAINED BOTH L&R WING & COLLECTOR TANKS. REMOVED ALL FUEL FLOAT SENSORS & INSPECTED. INSTALLED NEW GASKETS PN#12638-102 ON ALL FUEL FLOAT SENSORS. REMOVED OUTBOARD FUEL PANEL ON L/W TO FACILITATE INSPECTION OF L/W O/B FLOAT SENSOR. REINSTALLED OUTBOARD FUEL PANEL ON LW. INSPECTED ALL FUEL INDICATION SYSTEM WIRING THROUGH RESISTANCE CHECKS. ADDED 1.5GAL TO L&R WING, CALIBRATED FUEL INDICATOR GAUGE L&R LOW SIDE. FILLED BOTH WING & COLLECTOR TANKS WITHIN 1 IN. OF FILLER PORT & CALIBRATED FUEL INDICATOR GAUGE L&R HIGH SIDE. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 M.M. 20-10, 28-40. LEAK CHECK GOOD. OPERATIONAL CHECK GOOD.

Discrepancy: 10

DATE

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

PILOTS SEAT RECLINE LOOSE.

Corrective Action: 10

REMOVED PILOTS LH SEAT RECLINE HANDLE. INSTALLED NEW SEAT RECLINE HANDLE PN#13177-001 AS NEEDED.

Discrepancy: 12

BRACKET FWD LT. ENG. BAFFLING CRACKED

Corrective Action: 12

STOP DRILLED BRACKET FWD LT. ENG. BAFFLING & APPLIED CRACK PREVENTING TECHNIQUES AS NEEDED.

Discrepancy: 13

DISCREPANCY ENTERED IN ERROR.

Corrective Action: 13

DISCREPANCY ENTERED IN ERROR.

Discrepancy: 14

SPIDER MANIFOLD/BLACK HOSE CHAFING NEXT TO OIL FILLER

Corrective Action: 14

APPLIED RTV TO HOSE NEXT TO OIL FILLER SERVICE PORT AS NEEDED.

Discrepancy: 15

RH EXH. COLL. BOLT RETORQUE

Corrective Action: 15

RETORQUED RH EXHA. COLL. BOLT AS NEEDED.

Discrepancy: 16

#3 CHT PROBE CHAFFING ON CYL #1 DRAIN LINE

Corrective Action: 16

REPOSITIONED #3 CHT PROBE AS NEEDED.

INSPECTION RECORD

F.A.R. 43.11-91.409

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		<p>Corrective Action: 22 INSTALLED COLD AIR KNOB SET SCREW PN#50577-132 AS NEEDED .</p>	
		<p>Discrepancy: 23 CRACK ON METAL SHROUD NEAR R. EXH PIPE</p>	
		<p>Corrective Action: 23 STOP DRILLED & APPLIED CRACK PREVENTING TECHNIQUE ON METAL SKID PLATE NEAR R. EXH PIPE AS NEEDED.</p>	
		<p>Discrepancy: 24 L/M/G ON STRUT FAIRING MOUNT PAD HAS COME OFF</p>	
		<p>Corrective Action: 24 RESECURED FAIRING MOUNT PAD ON L/M/G STRUT AS NEEDED.</p>	
		<p>Discrepancy: 25 DEFROST CONTROL ROD BROKEN</p>	
		<p>Corrective Action: 25 REMOVED DEFROST PLENUM CONTROL ROD. INSTALLED NEW DEFROST PLENUM CONTROL ROD PN# 12111-001 AS PER CIRRUS SR22 MM 21-60. OPS CHECK GOOD.</p>	
		<p>Discrepancy: 26 PILOT TRIM MAKING POPPING SOUND</p>	
		<p>Corrective Action: 26 TIGHTENED BOLT ON FWD CONTROL YOKE. OPS CHECK GOOD.</p>	
		<p>Discrepancy: 27 ELT INSP. FAR 91.207D</p>	
		<p>Corrective Action: 27 COMPLIED WITH ELT INSP. FAR 91.207D. INSP. NEXT DUE 05/2012</p>	
		<p>Discrepancy: 28</p>	

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

SB 2X-32-19R2 N/L/G INSP.

Corrective Action: 28

COMPLIED WITH SB 2X-32-19R2 N/L/G INSP. NO DEFECTS NOTED AT THIS TIME. NEXT DUE AT NEXT 100HR INSP.

Discrepancy: 29

L/M/G WHL FAIRING CRACKED AND ELONGATED.

Corrective Action: 29

REMOVED PAINT ON L/M/G WHL FAIRING, PREPARED AREA AND REFIBER-GLASSED AREA AS NEEDED. REDRILLED MOUNT HOLE AND APPLIED FILLER TO AREA AS NEEDED. PREPARED AREA FOR PAINT AND PAINTED AS NEEDED. ALL BODY WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 51-20-00.

Discrepancy: 30

R/M/G WHL FAIRING CRACKED AND ELONGATED.

Corrective Action: 30

REMOVED PAINT ON R/M/G WHL FAIRING, PREPARED AREA AND REFIBER-GLASSED AREA AS NEEDED. REDRILLED MOUNT HOLE AND APPLIED FILLER TO AREA AS NEEDED. PREPARED AREA FOR PAINT AND PAINTED AS NEEDED. ALL BODY WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 51-20-00.

Discrepancy: 31

N/L/G BACK PIECE OF WHEEL FAIRING DAMAGED

Corrective Action: 31

REMOVED PAINT ON AFT PIECE OF NOSE WHEEL FAIRING, PREPARED AREA AND REFIBER-GLASSED AREA AS NEEDED. APPLIED FILLER TO AREA AS NEEDED. PREPARED AREA FOR PAINT AND PAINTED AS NEEDED. ALL BODY WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 51-20-00.

Discrepancy: 32

CAPS PARACHUTE AND ROCKET DUE 10 YEAR REPLACEMENT ON THIS AIRCRAFT.
Corrective Action: 32

REMOVED OLD CAPS COMPARTMENT COVER FROM FUSELAGE. REMOVED EXPIRED SR22 PACKED PARACHUTE ASSEMBLY P/N 14242-101 S/N 350, ROCKET MOTOR ASSEMBLY P/N26601-001. INSTALLED NEW PACKED PARACHUTE ASSEMBLY P/N 25337-001 S/N 000241 FROM CIRRUS DESIGN CORPORATION THIER WORK ORDER CSO 605222 DATED JUNE 06, 2011. ALSO INSTALLED NEW ROCKET MOTOR ASSEMBLY P/N 26601-001 S/N 0297 BY CIRRUS DESIGN CORPORTATION THIER WORK ORDER CSO605919 DATED JUNE 08, 2011. PART KITS ORDERED FOR THIS DISCREPANCY ARE AS FOLLOWS: ROCKET MOTOR P/N 26601-001 PARACHUTE P/N CAPS2-REB-E COVER ASSEMBLY P/N COVER-KIT. ALL INSTALLATIONS PERFORMED IN REFERENCE WITH SR22 COMPONENT MAINTENANCE MANUAL 95-01-01. INSTALLED NEW CAPS COMPARTMENT COVER ONTO FUSELAGE WITH EPON NON-STRUCTURAL RESIN SYSTEM AND CURED AS REQUIRED. APPLIED BODY FILLER AND PAINTED THE CAPS COMPARTMENT COVER AS NEEDED. FIBER GLASS AND PAINT WORK PERFORMED IN REFERENCE WITH SR33 MAINTENANACE MANUAL 51-20-00. NEXT REPLACEMENT DUE IN 10 YEARS, 06/06/2021.

Discrepancy: 33

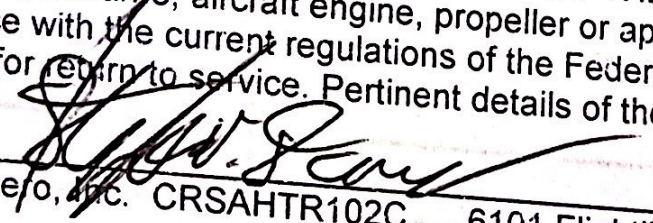
SB 2X-95-13 CAPS STRAP INSP & GROMMET INSTALLATION.
SB 2X-95-13 CAPS STRAP INSP & GROMMET INSTALLATION INSPECTION
Corrective Action: 33
COMPLIED WITH AS NEEDED.

Discrepancy: 34

AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 (CONTAMINATED HALON 1211 IN HAND HELD FIRE EXTINGUISHER BOTTLE P/N=863520-00) DUE.
Corrective Action: 34

COMPLIED WITH AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 BY FINDING THIS HAND HELD FIRE EXTINGUISHER BOTTLE NOT AFFECTED BY THE PART NUMBER IN THE TEXT OF THE A.D.
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. CRSAHTR102C

Dated:

07/07/11

6101 Flightline Drive

Evansville, Indiana 47725

812-426-1221

WORK ORDER
28823-10-2011

Mansburg, Ohio 43050
Phone 888-881-5580

Airframe Entries

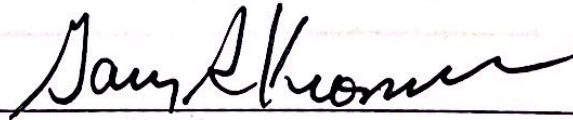
(1) Complied with Cirrus pre-buy Inspection... (7) Complied with SB 2X-27-16 R1 - Modification to Prevent Possible Asymmetric Flap & Flap Actuator Over extension Conditions... (8) Trimmed and sealed rubber close out as needed on right aft baffle... (11) Rebonded L/H wing root lower close out panel... (12) Installed new R/H entry step pad... (13) Rebonded aft side of exhaust heat shield (15) Checked rigging and lubed throttle adjusted after ground run no other defects noted.... (18) Removed and replaced loose monel rivets on rudder trim tab.... (20) Checked AD's thru 11-22. All mandatory SB'd complied with.

Maintenance Release

The aircraft and/or component(s) on N310VP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28823-10-2011.

DATE: 10/31/2011

SIGNED:



Work Order: 28823-10-2011

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

Printed by EBis 3 (datcomedia.com)

Date: 9/15/2011; Aircraft: N310VP; Type: CIRRUS SR22; S/N: 0054; Hobbs: 967.90; Total Time:

Shop Order #: SH-11-0406

Discrepancy: 2

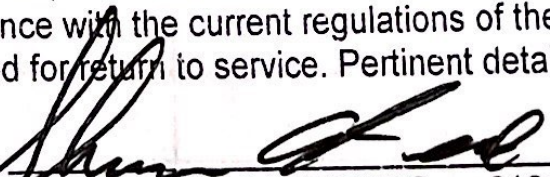
TOUCH UP PAINT WORK

Corrective Action: 2

REMOVED ALL N #S FROM AIRCRAFT. MASKED AIRCRAFT AS NEEDED. SANDED, PREPPED, PRIMED & PAINTED AFT FUSELAGE. INSTALLED NEW N #S PT# 12343-415. BUFFED NEW PAINT AS NEEDED.

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:

9-15-11

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

Commander-Aero Inc. - CRS-GA5K-875M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

Altimeter(s) tested & inspected per FAR 43 Appendix E.

DATE

Date: **10-28-11**

Inspector *[Signature]*

S/N: **414869**

S/N: **n/a**

-1,000	0
0	+10
500	+10
1,000	+10
1,500	+15
2,000	+20
3,000	+25
4,000	+25
6,000	+15
8,000	0
10,000	+5

12,000	0
14,000	0
16,000	+10
18,000	+10
20,000	+10
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

-1,000	---
0	---
500	---
1,000	---
1,500	---
2,000	---
3,000	---
4,000	---
6,000	---
8,000	---
10,000	---

12,000	---
14,000	---
16,000	---
18,000	---
20,000	---
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

A/C 'N' No. **N310VP**

W.O. No. **28823-10-2011**

REMOVED ALL N #S FROM AIRCRAFT. MASKED AIRCRAFT AS NEEDED. SANDED, PREPPED, PRIMED & PAINTED AFT FUSELAGE. INSTALLED NEW N #S PT# 12343-415. BUFFED NEW PAINT AS NEEDED.

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: *[Signature]*

Dated: **9-15-11**

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

INSPECTION RECORD

F.A.R. 43.11-91.409



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

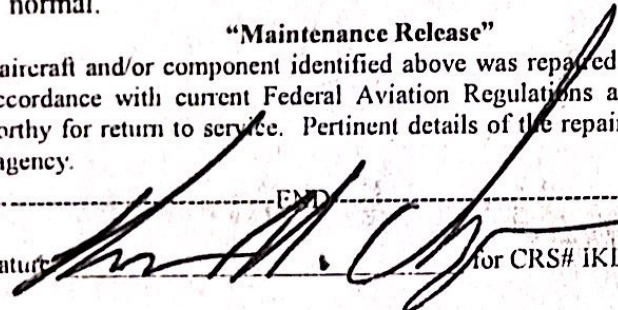
Date: 11/15/2011 Work Order #: AM04721 N#: N310VP
 Aircraft Make/Model: Cirrus SR22 Serial #: 0054
 Hour Meter: 1013.0

Airframe Log:

Installed new alternator F1 field wire terminal and F2 to ground terminal. Alternator 1 system function checked normal.

“Maintenance Release”

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

Signature:  for CRS# IKBR028F

OF IN
O. OF



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

Date: 01/06/2012 Work Order #: AV00668 N#: 310VP
 Aircraft Make/Model: CIRRUS / SR22 Serial #: 0054
 Hour Meter: 1032.9

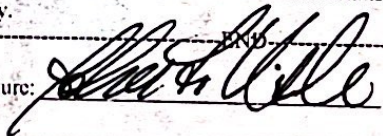
Airframe Log:

Removed GNS430 Loancer s/n 97109805 and installed factory repaired unit s/n 97104052 in aircraft, unit checks satisfactory.

Sublet Service Completed: 1/06/2012
 Description: GNS 430 REPAIR
 Performed By: GARMIN INTERNATIONAL INC
 W.O #36274688

“Maintenance Release”

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

Signature:  for CRS# IKBR028F

SERVICE