

LOG FOR: Airframe BOOK NUMBER: 2 START DATE: Jan 2012
MODEL: SR22T S/N: 0065 END DATE: _____

*Original Airframe logbook
Lost.*

Tri-State Aero, Inc.



AIRCRAFT RECORDS

N322PB

REGISTRATION NUMBER

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22T DATE OF MFG. Dec. 10

SERIAL NUMBER 0065 REGISTRATION NUMBER N322PB

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

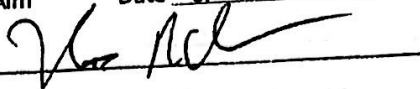
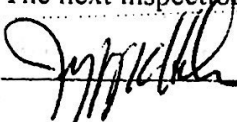
DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL Motors	TB20-550K	R 1003148
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13Y1F-1N	N1405B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST	
		SIGNATURE	CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
7 Dec 2011	7.0	Production Flight Test accomplished in accordance with Cirrus Procedure #90504.	
		Name: Nate Alm	Date: 22 Dec 2011
		Signature: 	
		Title: Production Flight Test Pilot	
12-30-2010	7.7	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 12/30/2010. The next inspection is due 12/31/2011.	
			
		Jeffrey K. Holter	
		DMIR410073CE	

MODEL: SR22T-FIKI
S/N: 0065
REG. NO: 322Pb
WORK ORDER: 14016-01-2011

Cirrus Design Factory Service Center

4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438
DATE: 1/11/2011
A/C TSN: 7.7
TACH: 7.7

Airframe Entries

14 Removed and replaced Pitot tube bracket P/N 18470-001 IAW AMM ch.34-10 Leak and operational check good.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 1/11/2011 SIGNED: Work Order: 14016-01-2011

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22T-FIKI
S/N: 0065
REG. NO: 322Pb
WORK ORDER: 14290-06-2011

Cirrus Design Factory Service Center

4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438
DATE: 6/28/2011
A/C TSN: 90.9
HOBS: 119.5

Airframe Entries

6 Flight meter 90.9 hrs. - Performed Cirrus Aircraft 100 Hour Demo Inspection IAW Demo care inspection program checklist.

Disassembled Gascolator and Inspected for Contaminates and Condition, No Defects noted. Replaced Seal P/N NAS1523-8B. Performed leak check, No Leaks Found. Work done IAW CDC SR-22 AMM 28-20.

16 Inspected and Perform Servicing - Induction Air Filter at 100 hours. IAW CDC AMM 71-60

19 Visually inspected the Alternate Air Assy. for security, condition, and freedom of movement, IAW CDC AMM 71-60. Verified proper MFD annunciation. Performed inspection of tires and brake linings IAW SR-22 AMM 32-41 and 32-42, Brake Linings found Acceptable for Continued Service. Serviced Tire Press. per AMM 12-10.

23 Replenished brake fluid IAW CDC AMM 12-10.

25 Performed Inspection/Check of the NLG Oleo Stru. IAW SR-22 AMM chapters 12-10 and 32-20.

28 Performed inspection of Precise Flight Oxygen System IAW Precise Flight ICA 102NMAN0003.

32 Addressed minor exterior cosmetic discrepancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-20 and standard maintenance practices.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 6/28/2011 SIGNED: Work Order: 14290-06-2011

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22T-FIKI
S/N: 0065
REG. NO: 322Pb
WORK ORDER: 14290-06-2011

Cirrus Design Factory Service Center

4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438
DATE: 6/28/2011
A/C TSN: 90.9
HOBBS: 119.5

SB Entries

Complied with SB2X-27-16R1 Modification to Prevent Possible Asymmetric Flap and Flap Actuator Over-Extension Conditions by installing kit P/N 70255-002. Performed flap travel adjustment and rig check with satisfactory results. Work done IAW Service Bulletin instructions and SR-22 AMM 27-50.

31
I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 6/28/2011 SIGNED: Work Order: 14290-06-2011
Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22T-FIKI
S/N: 0065
REG. NO: 322Pb
WORK ORDER: 14307-07-2011

Cirrus Design Factory Service Center

4514 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3438
DATE: 7/1/2011
A/C TSN: 97.8
HOBBS: 129.1

Airframe Entries

2 Replaced Center Bolster Panel P/N 21906-004 IAW AMM chapter 24-50.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 7/1/2011 SIGNED: Work Order: 14307-07-2011
Printed by EBis 3 (datcomedia.com)

Date: 12-9-11
Hobbs: 153.5
ACTT: 153.5

N322PB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Installed new 5.00 x 5 6ply Flight Special II, new 5.00 x 5 tube, 2 new 08231-20629 races and 2 new 08125-20629 bearings on NLG wheel. Balanced and serviced tire.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order: 9918

SIGNATURE  for CRS MW8R657W

Date: 9/13/2011; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 169.00; Total Time: 128.50
Shop Order #: SH-11-0413, Closed: 9/14/2011

Discrepancy: 2
SB 2X-71-17 DUE AT THIS TIME.

Corrective Action: 2
COMPLIED WITH SERVICE BULLETIN 2X - 71 - 17 ISSUED: JULY 21, 2011.

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: 9-13-11
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 1/19/2012; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 157.40; Total Time: 157.40
Shop Order #: SH-12-0020

DATE	
	Discrepancy: 1 PERFORM PRELIMINARY INSPECTION.
	Corrective Action:1 PRELIMINARY INSPECTION COMPLIED WITH AND ANY DISCREPANCIES NOTED ARE LISTED ON WORK ORDER WORKSHEET.
	Discrepancy: 2 CIRRUS SB-2X-71-20 ALTERNATE AIR ASSEMBLY INSPECTION DUE.
	Corrective Action:2 COMPLIED WITH CIRRUS SB 2X-71-20 ALTERNATE AIR ASSEMBLY INSPECTION. NO DEFECTS NOTED AT THIS TIME.
	Discrepancy: 3 CIRRUS SB 2X-71-17 R1 DIS BONDING OF INDUCTION SYSTEM AIR BOX SEALS.
	Corrective Action:3 COMPLIED WITH CIRRUS SB 2X-71-17 R1 DIS BONDING OF INDUCTION SYSTEM AIR BOX SEALS, BY COMPLYING WITH THE ORIGINAL RELEASE OF THIS SERVICE BULLETIN ON 9/13/11.
	Discrepancy: 4 CIRRUS SB 2X-71-19 AIR/OIL SEPARATOR REPLACEMENT.
	Corrective Action:4 PARTS FOR THIS SB ARE ON BACK ORDER. WILL PERFORM AT A LATER DATE.
	Discrepancy: 5 CIRRUS SB 2X-71-18 R1 LH INDUCTION LIFT KIT.
	Corrective Action:5 PARTS FOR THIS SB ARE ON BACK ORDER. WILL PERFORM AT A LATER DATE.
	Discrepancy: 6 CIRRUS SB 2X-27-16 R1 MODIFICATION TO PREVENT POSSIBLE ASYMMETRIC FLAP AND FLAP ACTUATOR OVER-EXTENSION CONDITIONS.
	Corrective Action:6 FOUND THAT THIS CIRRUS SB 2X-27-16 R1 MODIFICATION TO PREVENT POSSIBLE ASYMMETRIC FLAP AND FLAP ACTUATOR EXTENSION CONDITIONS. WAS PREVIOUSLY COMPLIED WITH BY CIRRUS DESIGN FACTORY SERVICE CENTER ON 6/28/11.
	Discrepancy: 7 HOLE IN LEFT SIDE INTAKE DUCT BETWEEN ALTERNATE AIR BOX, AND AIR FILTER BOX.
	Corrective Action:7 REMOVED THE OLD DUCT. INSTALLED NEW DUCT PART NUMBER 53288-001U, BETWEEN ALTERNATE AIR BOX, AND AIR FILTER BOX, I/A/W CIRRUS SR22T AMM 71-60-00.
	Discrepancy: 8 LEFT AND RIGHT M/L/G GROMMETS ARE WORN.
	Corrective Action:8 REMOVED OLD GROMMETS FROM LEFT AND RIGHT M/L/G. INSTALLED NEW GROMMETS PART NUMBER 16937-002 FOR BOTH LEFT AND RIGHT M/L/G. ADJUSTED THE GAP AT THE CLAMP ON THE RIGHT HAND GEAR WITH WASHERS PART NUMBER NAS1149D0616K. WORK PERFORMED I/A/W CIRRUS SR22T AMM 32-10-00.
	Discrepancy: 9 LEFT M/L/G STANDOFFS UPPER AND LOWER ARE LOOSE.
	Corrective Action:9 RE-SECURED THE LEFT M/L/G UPPER AND LOWER STANDOFFS AS NEEDED.
	Discrepancy: 10 BROKEN RIVET ON THE LEFT SIDE INTER COOLER SEAL RETAINING RING IN AFT BAFFLE.
	Corrective Action:10 REMOVED BROKEN RIVET. INSTALLED NEW ATTACH HARDWARE IN THE LEFT INTER COOLER SEAL RING IN AFT BAFFLES.
	Discrepancy: 11 UPPER COWLING RUBBER CHAFE SEAL COMING LOOSE.
	Corrective Action:11 SECURED THE UPPER COWLING RUBBER CHAFE STRIPS AS NEEDED.
	Discrepancy: 12 RIGHT SIDE EXHAUST CROSSOVER PIPE FORWARD SIDE OF RETAINING BRACKET ATTACH HARDWARE LOOSE.
	Corrective Action:12 RE-SECURED THE RIGHT SIDE EXHAUST CROSSOVER PIPE FORWARD SIDE ATTACH HARDWARE FOR THE RETAINING BRACKET AS NEEDED.
	Discrepancy: 13 FOIL TAPE ON LOWER LEFT ENGINE COWLING PEELING AWAY.
	Corrective Action:13 REMOVED THE PEELING FOIL TAPE FROM LOWER COWLING. INSTALLED NEW AREAS OF FOIL TAPE AS NEEDED TO THE LEFT LOWER COWLING.
	Discrepancy: 14 BOTH LEFT AND RIGHT LOWER ENGINE COWLINGS RUBBER CHAFE STRIPS ARE MISSING.
	Corrective Action:14 CLEANED AND INSTALLED NEW CHAFE TAPE STRIPS PART NUMBER 50700-063. TO BOTH LOWER ENGINE COWLINGS AS NEEDED.
	Discrepancy: 15 LEFT AND RIGHT M/L/G WHEEL PANTS' ASSEMBLIES ARE CHAFING IN SEVERAL PLACES.

Continued on next page. JB

Corrective Action:15

REMOVED DAMAGED CHAFE TAPE AND CLEANED BOTH LEFT AND RIGHT M/L/G WHEEL PANTS. INSTALLED NEW CHAFE TAPE STRIPS ON BOTH WHEEL PANT COVERS AS NEEDED.

Discrepancy: 16

RIGHT SIDE FUEL GAGE FLUCTUATED DURING ENGINE RUN.

Corrective Action:16

REMOVED AND REPLACED ALL FOUR SENSOR DIALS WITH NEW DIALS PART NUMBER 18484-501.

REMOVED OLD FUEL QUANTITY INDICATOR PART NUMBER 13557-003, SERIAL NUMBER 0881.

INSTALLED REPAIRED FUEL QUANTITY INDICATOR PART NUMBER FQ4046-12056, SERIAL NUMBER 0069, FROM AIR DALLAS INSTRUMENTS, INC. ON THEIR WORK ORDER NUMBER 66150, DATED 12/30/2010 PERFORMED CALIBRATION CHECK, CALIBRATED INDICATOR. WORK PERFORMED I/AW CIRRUS SR22T AMM 28-40-00. OPERATIONAL CHECK GOOD AT THIS TIME.

Discrepancy: 17

EROSION BOOT ON THE RIGHT M/L/G WHEEL PANT IS COMING LOOSE.

Corrective Action:17

TRIMMED OFF THE LOOSE PIECE OF EROSION BOOT ON THE RIGHT M/L/G WHEEL PANT AS NEEDED.

Discrepancy: 18

EXTERNAL POWER DOES NOT COME ON WHEN APPLIED TO AIRPLANE.

Corrective Action:18

TROUBLESHOT THE MCU FOUND THE EXTERNAL POWER CONTACTOR IN-OP. REMOVED MCU PART NUMBER 19800-001, SERIAL NUMBER 00941. INSTALLED REBUILT TO CDC DRAWING 19800, REV. C MCU 140 ASSEMBLY, PART NUMBER 19800-001S, SERIAL NUMBER 00346, FROM CIRRUS DESIGN CORPORATION. ON THEIR WORK ORDER NUMBER 115899, DATED 12/13/11. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/AW CIRRUS SR22T 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:

Jeremy S. Burt

Dated:

1/19/12

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

Date: 1/19/2012; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 157.40; Total Time: 157.40

Shop Order #: SH-12-0017

Discrepancy: 1

PERFORM PRELIMINARY INSPECTION.

Corrective Action:1

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

Discrepancy: 2

ANNUAL INSPECTION CIRRUS DESIGN SR22T G3 DUE.

Corrective Action:2

COMPLIED WITH THE ANNUAL INSPECTION ON THIS CIRRUS SR22T

Discrepancy: 3

A.D. RESEARCH IS DUE.

Corrective Action:3

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

Discrepancy: 4

ELT INSPECTION IS DUE PER FAR 91.207(d).

Corrective Action:4

COMPLIED WITH THE ELT INSPECTION PER FAR 91.207(d). NEXT DUE IN TWELVE MONTHS.

Discrepancy: 5

INDUCTION AIR FILTER DUE CLEANING.

Corrective Action:5

REMOVED, CLEANED, INSPECTED AND RE-INSTALLED BOTH LEFT AND RIGHT ENGINE INDUCTION AIR FILTERS I/AW CIRRUS SR22T AMM 71-60-00.

Continued on next page. (JB)

Discrepancy: 6
REMOVE THE LEFT AILERON FOR ROLL TRIM CARTRIDGE INSPECTION.

Corrective Action:6
REMOVED THE LEFT AILERON. COMPLIED WITH THE ROLL TRIM CARTRIDGE INSPECTION I/AW CIRRUS SR22T AMM 27-10-00, NO DEFECTS NOTED AT THIS TIME. RE-INSTALLED THE LEFT AILERON I/AW CIRRUS SR22 AMM 57-50-00.

Discrepancy: 7
CHECK ALL FLIGHT CONTROL CABLE TENSIONS, CONTROL SURFACE TRAVELS, AND GAP INSPECTIONS.

Corrective Action:7
CHECKED ALL FLIGHT CONTROL CABLE TENSIONS, CONTROL SURFACE TRAVELS, AND GAP INSPECTIONS. OPS CHECK GOOD. NO DEFECTS NOTED AT THIS TIME. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22T M.M. CHAPTERS 27-10, 27-20, 27-30, 27-50, 55-20, 55-40, & FIGURE 6-001.

Discrepancy: 8
OXYGEN NEEDS SERVICED.

Corrective Action:8
SERVICED THE OXYGEN AS NEEDED TO 1800 PSI.

Discrepancy: 9
BOTH LEFT AND RIGHT M/LG TIRES NEED ROTATED ON THE WHEELS.

Corrective Action:9
REMOVED BOTH LEFT AND RIGHT MAIN GEAR TIRE ASSEMBLIES. DIS-ASSEMBLED BOTH WHEELS AND ROTATED THE TIRES ON THE WHEELS, RE-ASSEMBLED WHEELS WITH NEW NUTS PART NUMBER MS21044N5 AND BALANCED. RE-INSTALLED WHEEL AND TIRE ASSEMBLIES BACK ONTO AIRCRAFT. WORK PERFORMED I/AW CIRRUS SR22 AMM 32-41-00.

Discrepancy: 10
CIRRUS SB 2X-74-01 FINE WIRE SPARK PLUG REPLACEMENT IS DUE.

Corrective Action:10
COMPLIED WITH CIRRUS SB 2X-74-01 (FINE WIRE SPARK PLUG REPLACEMENT). REMOVED OLD SPARK PLUGS & INSTALLED NEW RHB32E SPARK PLUGS IN ALL CYLINDERS AS NEEDED.

Discrepancy: 11
NOSE WHEEL PANT HAS DAMAGE FROM TIRE BLOW OUT.

Corrective Action:11
TRIMED DAMAGED MATERIAL FROM THE NOSE WHEEL PANT AS NEEDED, SEALED EXPOSED COMPOSITE MATERIAL WITH PAINT.

Discrepancy: 12
TKS DE-ICE FLUID NEEDS SERVICED.

Corrective Action:12
SERVICED BOTH LEFT AND RIGHT DE-ICE FLUID RESERVOIR WITH 2.5 GALLONS TKS 406B FLUID. I/AW CIRRUS SR22T AMM 12-10.

Discrepancy: 13
LEFT UPPER DOOR PANEL DAMAGED AT THE AFTER SCREW LOCATION.

Corrective Action:13
SECURED TORN AREAS OF DOOR TRIM AROUND THE AFT CENTER ATTACH SCREW ON THE LEFT DOOR TRIM PANEL.

Discrepancy: 14
AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 (CONTAMINATED HALON 1211 IN THE HAND HELD FIRE EXTINGUISHER BOTTLE P/N=863520-00) DUE.

Corrective Action:14
COMPLIED WITH AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 (CONTAMINATED HALON 1211 IN THE HAND HELD FIRE EXTINGUISHER BOTTLE P/N=863520-00). AD DOES NOT APPLY TO THIS FIRE EXTINGUISHER.

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 Brit Dated: 1/19/12
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 3/06/2012; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 171.20; Total Time:
Shop Order #: SH-12-0110

Discrepancy: 2
FLAPS STUCK IN DOWN POSITION.

Corrective Action: 2
REMOVED OLD FLAPS UP RELAY. INSTALLED NEW FLAPS UP RELAY PART NUMBER 50288-001. OPERATIONAL CHECK GOOD AT THIS TIME. WORK PERFORMED I/AW CIRRUS SR22T AMM 27-50-00.

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: Jeremy Brit Dated: 3/6/12
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
10/23/2012	PS.	240.	Date:10/23/2012 Tach/Hobbs:240.0 ACTT:	N322PB Midwest Aviation Services, Inc. PO Box 219 (270)744-8686 Ph. 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com
				Jacked aircraft, removed main wheels, replaced tired with new 15X6.00-6 6 PR Flight Special II's, serviced wheels to 62psi, reinstalled wheels and lowered aircraft.-----END-----
				The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file under shop order 10487
			SIGNATURE 	A&P3075199 Δ 2 main wheels.

Note
Date →
300

Date: 4/13/2012; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 178.00; Total Time: Shop Order #: SH-12-0168, Closed: 4/20/2012

Discrepancy: 2
FREON AIR CONDITIONER INOPERATIVE.
Corrective Action: 2
AS PER CIRRUS MAINTENANCE CONTROL, COMPLETED SB 2X-21-05. SEE DISCREPANCY #6 IN THIS WORK ORDER.

Discrepancy: 3
LOW OXYGEN ANNUNCIATOR ON PFD CAME ON FOR 20-30 SECONS THEN WENT OUT AND OXYGEN BOTTLE IS FULLY SERVICED.
Corrective Action: 3
OPS CHECKED OXYGEN SYSTEM NUMEROUS TIMES, COULD NOT DUPLICATE DISCREPANCY AT THIS TIME.

Discrepancy: 4
SB 2X-71-18 R1 LEFT HAND INDUCTION LIFT KIT INSTALLATION.
Corrective Action: 4
INSTALLED NEW AIR BOX BASE P/N 26391-005 AND TURBO OIL RESERVOIR P/N 658272. GROUND RAN AIRCRAFT, OPS CHECKS AND LEAK CHECKS GOOD AT THIS TIME. ALL WORK PERFORMED IN ACCORDANCE WITH SB 2X-71-18 R1.

Discrepancy: 5
SB 2X-71-19 AIR/OIL SEPERATOR REPLACEMENT
Corrective Action: 5
REMOVED ORIGINAL AIR/OIL SEPERATOR SYSTEM AND INSPECTED OIL COOLER AS NEEDED. DEFECTS ARE NOTED ON DISCREPANCY #7 OF THIS WORK ORDER. INSTALLED NEW AIR/OIL SEPERATOR SYSTEM KIT P/N 70259-001. GROUND RAN AIRCRAFT, OPS CHECK AND LEAK CHECK

GOOD AT THIS TIME. ALL WORK PERFORMED IN ACCORDANCE WITH SB 2X-71-19.

Discrepancy: 6
CIRRUS SB 2X-21-05 CABIN AIR COUPLER ACTUATOR RIGGING.
Corrective Action: 6
INSPECTED AND FOUND CABIN AIR COUPLER OUT OF RIG. RIGGED CABIN AIR COUPLER ACTUATOR AS REQUIRED. OPS CHECK GOOD AT THIS TIME. WORK PERFORMED IN ACCORDANCE WITH SB 2X-21-05.

Discrepancy: 7
OIL COOLER MOUNTING FLANGE IS CRACKED.
Corrective Action: 7
REMOVED OIL COOLER AND SENT OUT FOR REPAIR. RECIEVED REPAIRED OIL COOLER P/N 654585 BACK FROM AEROSPACE WELDING MINNEAPOLIS INC. THIER WORK ORDER # 145860 DATED APRIL 10, 2012. REINSTALLED OIL COOLER, GROUND RAN AIRCRAFT. LEAK CHECKS AND OPS CHECKS ARE GOOD AT THIS TIME. REMOVED AND INSTALLED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 79-20.

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: 4/13/12
Tri-State Aero, Inc. CFSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

ACT
P-10

DATE: 1/23/2013; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 268.40; Total Time:
 Shop Order #: A-13-0019
 Discrepancy: 2
 FAR 91.411 DUE ON AIR DATA COMPUTER.
 Corrective Action: 2
 PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON GARMIN GDC 74A AIR DATA COMPUTER P/N 011-00882-10 S/N 20609668. TESTED TO 35,000 FEET ON THIS DATE 01-23-2013. PERFORMED FAR 23.1325(b)(2)(i) STATIC SYSTEM PRESSURE TEST. C/W AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER SYSTEM INTGRATION TEST. SYSTEM OPERATION PERFORMS SATISFACTORY.
 Discrepancy: 3
 FAR 91.413 DUE ON TRANSPONDER.
 Corrective Action: 3
 PERFORMED FAR 91.413 IAW APPENDIX F TO PART 43 ON GARMIN GTX 33 TRANSPONDER P/N 011-00779-10 S/N 89120776. SYSTEM OPERATION PERFORMS SATISFACTORY.
 Discrepancy: 4
 FAR 91.411 DUE ON STANDBY ALTIMETER.
 Corrective Action: 4
 PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON UNITED INSTRUMENTS INC. ALTIMETER P/N 5934AD-3 S/N 476043. TESTED TO 35,000 FEET ON THIS DATE 01-22-2013. PERFORMED FAR 23.1325 (b)(2)(i) STATIC SYSTEM PRESSURE TEST. C/W AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT AND ATC TRANSPONDER SYSTEM INTEGRATION TEST. SYSTEM OPERATION PERFORMS SATISFACTORY.
 The aircraft, airframe, aircraft engine, propeller or appliance identified above was INSPECTED in accordance with current regulations of the Federal Aviation Administration

and FAR 91.411 + 91.413 inspection. I certify that this aircraft 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 DATE: 1-23-2013
 Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

Date: 2/08/2013; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 268.40; Total Time: 268.40
 Shop Order #: SH-13-0030
 Discrepancy: 2
 ANNUAL INSPECTION ON CIRRUS SR22T.
 Corrective Action: 2
 COMPLIED WITH ANNUAL INSPECTION ON THIS CIRRUS SR 22T, DEFECTS ARE NOTED IN THIS WORK ORDER.
 Discrepancy: 3
 A.D. RESEARCH IS DUE.
 Corrective Action: 3
 COMPLIED WITH THE A.D. RESEARCH FOR THIS AIRCRAFT UP TO THE DATE OF THIS ANNUAL INSPECTION.
 Discrepancy: 4
 ELT INSPECTION DUE PER FAR 91.207(d).
 Corrective Action: 4
 COMPLIED WITH ELT INSPECTION WITH NO DEFECTS NOTED IN ACCORDANCE WITH FAR 91.207(d).
 Discrepancy: 5
 AD 12-01-11 AMEND. 39-16923 DATED 2/29/12 (INDUCTION AIR BOX AND SEALS REPLACE) DUE.
 Corrective Action: 5
 AD 12-01-11 AMEND. 39-16923 DATED 2/29/12 INDUCTION AIR BOX AND SEAL REPLACEMENT WAS PREVIOUSLY COMPLIED WITH ON 4/13/2012 WORK ORDER - SH-12-0168 WITH THE COMPLETION OF SB 2X-71-18 R1. NO FURTHER ACTION REQUIRED ON AD 12-01-11.
 Discrepancy: 6
 AIRCRAFT POH MISSING REVISION ONE.
 Corrective Action: 6

See
 Continued next page →

INSTALLED REVISION #1 P/N 13772-003 IN AIRCRAFT POH AS NEEDED.

Discrepancy: 7

AIRCRAFT #2 BATTERIES DUE REPLACEMENT.

Corrective Action: 7

REMOVED AND REPLACED BOTH AIRCRAFT NUMBER TWO BATTERIES WITH 2 NEW BATTERIES P/N 50979-001. BATTERY #2 OPERATIONAL CHECKS GOOD IN REFERENCE WITH CIRRUS SR22T MAINTENANCE MANUAL 24-30. *next due December 2014* (300)

Discrepancy: 8

REMOVED LH AILERON FOR ROLL TRIM CARTRIDGE INSPECTION.

Corrective Action: 8

REMOVED LH AILERON, INSPECTED ROLL TRIM CARTRIDGE WITH NO DEFECTS NOTED AND REINSTALLED LH AILERON AS NEEDED. OPS CHECK GOOD IN REFERENCE WITH CIRRUS SR 22T MAINTENANCE MANUAL 27-10.

Discrepancy: 9

CABIN HEAT CABLE HARDWARE LOOSE AT FIREWALL.

Corrective Action: 9

TIGHTENED HEATER BOX HARDWARE AS NEEDED, OPS CHECK GOOD IN REFERENCE WITH CIRRUS SR 22T MAINTENANCE MANUAL 21-40.

Discrepancy: 10

DE-ICE FILTERS DUE REPLACEMENT.

Corrective Action: 10

REMOVED AND REPLACED BOTH DEICE FILTERS WITH NEW FILTERS P/N 26115-101. OPS CHECK AND LEAK CHECK GOOD IN REFERENCE WITH CIRRUS SR 22T MAINTENANCE MANUAL 30-07.

Discrepancy: 11

ELT 406 MHZ REGISTRATION DUE.

Corrective Action: 11

COMPLIED WITH ELT 406 MHZ REGISTRATION AS NEEDED.

Discrepancy: 12

VELCRO COMING LOOSE ON CARPETS.

Corrective Action: 12

REGLUED VELCRO AS NEEDED.

Discrepancy: 13

OXYGEN NEEDS SERVICED.

Corrective Action: 13

SERVICED OXYGEN TO 1800 PSI AS NEEDED IN REFERENCE WITH CIRRUS SR 22T MAINTENANCE MANUAL 12-10.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was *inspected & repaired* in accordance with current regulations of the Federal Aviation Administration and *Cirrus SR22T Annual* inspection. I certify that this aircraft was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

SIGNED: 

DATE: *2/8/2013*

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

Date: 3/29/13
Tach/Hobbs: 299.3
ACTT:

N322PB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Serviced nose tire pressure.
Nose wheel pivot force adjusted per Cirrus Acft., chap. 32-20

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 10839

SIGNATURE 

for CRS MW8R657W

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
------	----------	------------	----------	--------------



**Airframe Cirrus
Model – SR22T
HM – 391.1**

N322PB

**June 28, 2013
Serial # 0065
Flight HM – 391.1**

Un-Scheduled Maintenance

Jacked aircraft and inspected NLG assembly. Disassembled NLG spindle nut assembly and replaced thrust Washer with new part number 50545-001. Assembled, torqued and safetied spindle nut assembly. Checked and balanced all three landing gear wheel assemblies. Serviced tires. Removed and replaced all brake linings with new part number 066-06200 linings (8). No further actions taken at this time.

Shawn C. Sayle
Shawn C Sayle
AP490825188

Date: 10/31/2013; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 438.70; Total Time:

Shop Order #: SH-13-0434

Discrepancy: 2

OIL PRESSURE ERRATIC.

Corrective Action: 2

REMOVED AND REPLACED OIL SENSOR WITH NEW SENSOR P/N 12635-002 AS PER CIRRUS FIELD SERVICE IN ACCORDANCE WITH SB 2X-77-04. GROUND RAN AIRCRAFT, OPS CHECK AND LEAK CHECK GOOD AT THIS TIME.

Discrepancy: 3

SB 2X-28-11 R2 (FUEL LINE REPLACEMENT) DUE.

Corrective Action: 3

DRAINED BOTH LH AND RH FUEL TANKS AND DE-ICE FLUID TANKS. REMOVED SEALED PANELS ON DE-ICE TANKS. REMOVED AND REPLACED BOTH FUEL RETURN LINES WITH NEW COATED FUEL RETURN LINES P/N 17313-002. REMOVED ALL SEALANT FROM BOTH DE-ICE TANKS. INSPECTED FOR CORROSION. NO CORROSION FOUND AT THIS TIME. APPLIED NEW SEALANT P/N 50710-001U TO BOTH DE-ICE TANKS AS NEEDED. RESEALED BOTH LOWER DE-ICE PANELS. SERVICED AIRCRAFT WITH DE-ICE FLUID AND FUEL. GROUND RAN AIRCRAFT AND OPS CHECKED DE-ICE SYSTEM AS NEEDED. ALL OPS CHECKS AND LEAK CHECKS GOOD AT THIS TIME IN ACCORDANCE WITH SB 2X-28-11 R2.

Discrepancy: 4

SB 2X-79-01 R2 (OIL LINE SECURITY) DUE.

Corrective Action: 4

COMPLIED WITH OIL LINE SECURITY BY INSTALLING NEW OIL LINE KIT P/N 70263-001 IN ACCORDANCE WITH SB 2X-79-01 R2.

Discrepancy: 5

SB 2X-27-16 R2 (FLAP ASYMMETRIC FLAP AND OVER EXTENSION MODIFICATION) DUE.

Corrective Action: 5

INSTALLED NEW FLAP ASSYMMETRY OVER EXTENTION KIT P/N 70255-001IN ACCORDANCE WITH SB 2X-27-16 R2. COMPLETED FLAP RIGGING AND DEFLECTION TEST. NO DEFECTS NOTED 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: *[Signature]* Dated: **10/30/2013**

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

Date: 2/28/2014; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 365.30; Total Time:
Shop Order #: A-14-0032

Discrepancy: 2
INSTALL OPERATING SYSTEM SOFTWARE UPGRADE 0764.15.

Corrective Action: 2
INSTALLED SERVICE BULLETIN NUMBER: SB 2X-42-08 R1 ISSUED: MARCH 23, 2012 REVISED JUNE
27, 2012 SNS SUBJECT: 42-20 INTEGRATED MODULAR AVIONICS- PERSPECTIVE S/W UPDATE v0764.15.
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: Arc Robinson Dated: 2-28-2014
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 3/06/2014; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 365.30; Total Time: 365.30
Shop Order #: SH-14-0088

Discrepancy: 2
#1 ALTERNATOR IS BLOWING OIL OUT OF BLAST TUBE.

Corrective Action: 2
REMOVED #1 ALTERNATOR P/N ES-10024 S/N 464203 AND INSTALLED NEW ALTERNATOR P/N 656802
S/N H-N120883 FROM CONTINENTAL MOTORS THIER WORK ORDER # 379149 DATED JANUARY 22,
2014. GROUND RAN AIRCRAFT, OPS CHECK AND LEAK CHECK GOOD AT THIS TIME ::: REFERENCE
WITH CIRRUS SR22T MAINTENANCE MANUAL 24-30. THIS DISCREPANCY WAS ACCOMPLISHED
UNDER CIRRUS WARRANTY AS PER CIRRUS TECHNICAL SUPPORT ON THE AUTHORIZATION #
00126147.

Discrepancy: 3
OIL PRESSURE WAS FLUCTUATING ON PRE-RUN.

Corrective Action: 3
TROUBLE SHOT SYSTEM AND FOUND FAULTY OIL PRESSURE SENSOR. REMOVED AND REPLACED
OIL PRESSURE SENSOR WITH NEW SENSOR P/N 12635-004. GROUND RAN AIRCRAFT, OPS CHECK
AND LEAK CHECK GOOD AT THIS TIME IN REFERENCE WITH CIRRUS SR22T MAINTENANCE MANUAL
79-30. THIS DISCREPANCY WAS ACCOMPLISHED UNDER CIRRUS WARRANTY AS PER CIRRUS
TECHNICAL SUPPORT ON THE AUTHORIZATION # 00126147.

Discrepancy: 4
MISSING SHOCK ISOLATORS ON AIR CONDITIONER DRIVE PULLEY.

Corrective Action: 4
REMOVED AIR CONDITIONOR DRIVE PULLEY AND REMOVED OLD STYLE SHOCK ISOLATORS AND
SPACERS. INSTALLED NEW STYLE SHOCK ISOLATORS KIT P/N 1133177-1 AND REINSTALLED DRIVE
PULLEY. COMPLETED BELT TENSIONING FOR AIR CONDITIONER SYSTEM. ALL WORK PERFORMED IN

REFERENCE WITH CIRRUS SR22T MAINTENANCE MANUAL 21-50. THIS DISCREPANCY WAS
ACCOMPLISHED UNDER CIRRUS WARRANTY AS PER CIRRUS TECHNICAL SUPPORT ON THE
AUTHORIZATION # 00126147.

Discrepancy: 5
RUBBER STRIPS ON BOTH MAIN GEAR STRUTS NEED REGLUED.

Corrective Action: 5
REGLUED ALL FOUR STRIPS ON BOTH LH AND RH LANDING GEAR STRUTS AS REQUIRED IN
REFERENCE WITH CIRRUS SR22T MAINTENANCE MANUAL 32-10. THIS DISCREPANCY WAS
ACCOMPLISHED UNDER CIRRUS WARRANTY AS PER CIRRUS TECHNICAL SUPPORT ON THE
AUTHORIZATION # 00126147.

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: 3/6/2014
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 3/06/2014 Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 365.30; Total Time: 365.30; Prop - Type: HARTZELL PR J3YIF-1N, S/N: N3405B, Time: 365.30
Shop Order #: SH-14-0086

Discrepancy: 2
ANNUAL INSPECTION DUE ON THIS CIRRUS SR22T.

Corrective Action: 2
COMPLIED WITH ANNUAL INSPECTION ON THIS CIRRUS SR22T. DEFECTS ARE NOTED IN THIS WORK ORDER.

Discrepancy: 3
AD AND TECHNICAL RESEARCH DUE.

Corrective Action: 3
COMPLIED WITH THE AD RESEARCH UP TO THE DATE OF THIS ANNUAL INSPECTION PER TDATA BIWEEKLY 2014-04.

Discrepancy: 4
FAR 91.207D ELT INSPECTION DUE.

Corrective Action: 4
COMPLIED WITH ELT INSPECTION WITH NO DEFECTS NOTED IN ACCORDANCE WITH FAR 91.207D.

Discrepancy: 5
#2 ALTERNATOR BELT IS LOOSE.

Corrective Action: 5
TIGHTENED #2 ALTERNATOR BELT AS REQUIRED IN CIRRUS SR22T MAINTENANCE MANUAL 24-30.

Discrepancy: 6
PAINT IS RUBBED OFF ON BOTTOM OF RUDDER BUTT.

Corrective Action: 6
PREPARED AREA FOR PAINT, PRIMED, AND PAINTED PANEL AS NEEDED.


Discrepancy: 7
OXYGEN SYSTEM REQUIRES ANNUAL INSPECTION.

Corrective Action: 7
COMPLETED ANNUAL INSPECTION ON PRECISE FLIGHT OXYGEN SYSTEM. DEFECTS ARE NOTED IN THIS WORK ORDER.

Discrepancy: 8
OXYGEN NEEDS SERVICED.

Corrective Action: 8
SERVICED OXYGEN SYSTEM TO 1800 PSI AS NEEDED.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was inspected & repaired in accordance with current regulations of the Federal Aviation Administration and Annual inspection. I certify that this aircraft was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

SIGNED:  DATE: 3/6/2014
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

Date: 3-18-2014
Hobbs: 466.6
ACTT:

N322PB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Replaced nose wheel inner tube. Cleaned, inspected wheel and tire. Rebalanced and installed.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11234

SIGNATURE  for CRS MW8R657W

LOGBOOK ENTRY
AIRFRAME

ANNUAL INSPECTION
N322PB **DATE:03/17/2015**
S/N:0065 **HOBBS:539.6**
Model:SR22T **ACTT:428.8**

SCHEDULED MAINTENANCE

1. Completed Cirrus SR22T Annual / 100hr. check list for compliance with FAR 43 Appendix D.
2. Serviced firewall fuel gascolator reassembled with new o-ring P/N:MS29513-137 and seal P/N:NAS1523-8B. Leak check good.
3. Inspected ELT for compliance with FAR 91.207 (d) (1-4). No defects noted at this time. *Battery Due at Oct/2016*
4. Replaced missing bolt on air conditioner compressor with new bolt and adjusted drive belt ref. Cirrus SR22T M/M Ch.21-50. *SW*
5. Replaced left and right engine intake air filter with new P/N:27166-001 ref. Cirrus SR22T M/M.
6. Replaced magneto pressure filter with new P/N:653389 ref. Cirrus SR22T M/M.
7. C/W 500hr. engine mount weldment torque check ref. Cirrus SR22T M/M Ch.71-20.
8. C/W 500hr. alternator inspection on #2 alternator ref. Continental Motors SB13-8 and TSIO-550-K M/M.
9. Replaced #2 batteries with new 2 each P/N:50979-001 ref. Cirrus SR22T M/M Ch.24-30.
10. Tighten nose steering ref. Cirrus SR22T M/M Ch.32-20.

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

Additional details of this work are on file under Work Order #5005.

John Eggemann
A&P33790361A

SIGNED *John Eggemann*

IDEAL AVIATION **DATE: 03 / 17 / 2015**
 CRS # 4IAR453C **PILOT X CO-PILOT**
 P/N:011-00882 S/N:20609668

IDEAL AVIATION **DATE: 03 / 17 / 2015**
 CRS # 4IAR453C **STANDBY ALT.**
 P/N:5934AD-3 S/N:476043

TEST SET	ENCODER	ALTIMETER	ACFT: Cirrus SR22T
-1000	0	-1000	N322PB
0	0	0	
500	0	500	XPONDER
1000	0	1000	GTX 33
1500	0	1500	S/N:
2000	0	2000	89120776
3000	0	3000	ENCODER
4000	0	4000	GDC 74A
6000	0	6000	S/N:
8000	0	8000	20609668
10,000	0	10,010	TACH TIME
12,000	0	12,010	428.8
14,000	0	14,010	ALT SETTING
16,000	0	16,020	29.92
18,000	0	18,020	TEMP
20,000	0	20,000	78°F
22,000	0	22,000	Hys 50%
25,000	0	25,000	20ft.
30,000			Hys 40%
35,000			20ft.
40,000			TESTED BY:
45,000			<i>NWS</i>
50,000			

TEST SET	ENCODER	ALTIMETER	ACFT: Cirrus SR22T
-1000		-1020	N322PB
0		0	
500		500	XPONDER
1000		1010	N/A
1500		1510	S/N:
2000		2010	N/A
3000		3020	ENCODER
4000		4000	N/A
6000		6000	S/N:
8000		8000	N/A
10,000		10,020	TACH TIME
12,000		12,020	428.8
14,000		14,060	ALT SETTING
16,000		16,060	29.92
18,000		18,100	TEMP
20,000		20,120	78°F
22,000		22,120	Hys 50%
25,000		25,120	40ft.
30,000			Hys 40%
35,000			40ft.
40,000			TESTED BY:
45,000			<i>NWS</i>
50,000			

LOGBOOK ENTRY
TRANSPONDER

N322PB **DATE:03/17/2015**
P/N:GTX 33 **S/N:89120776**

Ideal Aviation
2100 Vector Dr.
Cahokia, IL 62206
618-337-5845
618-337-6576 (F)

Transponder tested in accordance with Part 43, Appendix "F" for compliance with CFR 91.413. Additional details of this work are on file under Work Order #A1545.

SIGNED *Norman Watson*

Ideal Aviation CRS# 4IAR453C

MAKE: Cirrus Design Corp
MODEL: Sr22t
S/N: 0065
REG. NO: N322PB
WORK ORDER: 5413



Parks Aviation Holdings LLC dba Ideal Aviation

2100 Vector Dr.
Cahokia, IL 62206
Phone: 618-337-5845

DATE: 5/13/2016
A/C TSN: 477.2
FLIGHTTIME: 477.2

Airframe Entries

- (1) Completed an annual inspection on this aircraft in accordance with the Cirrus maintenance manual and using F.A.R. 43, appendix "D" as a guide. Ray Manipole A&P 3395161 IA.
- (6) Removed fuel sediment bowl and screen. Inspected bowl and screen for corrosion and debris. none to note. Installed screen and sediment bowl. Torqued sediment bowl nut to specification and attached drain line. Joshua Stout/ A&P: 3751655
- (10) serviced air filters. Ray Manipole A&P 3395161.
- (11) Removed Right and Left hand main landing gear and nose gear wheel and tire assemblies. Removed wheel bearings from wheel assemblies. Cleaned bearings and inspected for damage and corrosion. None to note. Installed wheel bearings in wheel assemblies. Installed wheel and tire assemblies on aircraft. Seated bearings and torqued axle nuts to specification and safetied. Joshua Stout/ A&P: 3751655
- (12) Complied with FAR 91.207 ELT Inspection. ELT all checks good. Battery Expiration Oct/2016. Joshua Stout/ A&P: 3751655
- (15) completed ad research. Ray Manipole A&P 3395161.
- (16) Tested cyl. #6 cht probe using the Alcal 2000 eg/cht probe tester & found probe to be ok, inspected wire harness & connector, cks ok, cleaned & tightened #6 cht probe connection. Ray Manipole A&P 3395161.
- (17) Installed new field control module, Cirrus P/N: 29435-002. Referenced Cirrus AMM 24-30 Section U. R. Dehn A&P 2923016.
- (23) Installed new nut plate. R. Dehn A&P 2923016
- (24) Installed new Airbox Seals, Cirrus P/N: 29486-001. Referenced SB 2X-71-17 R1. R. Dehn A&P 2923016.
- (26) Serviced Air/Oil Separator. R. Dehn A&P 2923016.
- (29) installed new an4-10 rudder bottom bolt. Ray Manipole A&P 3395161.
- (30) Removed reef line cutters. Installed New Cutters MFG date 01-16 part number 26707-001. serial numbers 8990, 8992. as per Cirrus Maintenance manual 95-01-01 Paul Douglas Keck A&P 3336853.
- (32) Installed RH brake shim insulator Part number 068-01100. Torqued brake shoes to specification. Joshua Stout/ A&P: 3751655
- (33) Removed nose gear wheel and tire assembly and spindle. Inspected spindle and hub. No damage or corrosion to note. Installed spindle with light coating of grease on washers and threads. Retorqued spindle swivel preload to 35 lbs and safetied. Joshua Stout/ A&P: 3751655
- (35) Removed right and left hand brake calipers. Disassembled calipers and cleaned pistons and calipers. Installed new o-rings part number: M83461-1-222. Installed new spring clips part number: 082-02000. Installed calipers and brake shoes. Joshua Stout/ A&P: 3751655
- (41) Weighed cabin fire extinguisher. Extinguisher within limits at 18.4 oz.

1 of 2

Joshua Stout/ A&P: 3751655

(43) Installed engine after repair by Central Cylinder Service, Inc. under work order number 17030. Ray Manipole A&P 3395161.

Maintenance Release

I certify that is aircraft N322PB has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy Condition and is approved for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 5413, Dated 5/13/2016.

DATE: 5/13/2016

SIGNED:

Ray Manipole, IA 3395161

Work Order: 5413

Printed by EBis 3 (datcomedia.com)



I certify that the altimeter and static system tests, including data correspondence, required by 14 CFR § 91.411 and transponder tests required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F. The work accomplished is filed, in house, on Work Order# A4499.

Altimeter Model	<u>Garmin GDC74A</u>	Serial No.	<u>20609668</u>
Altimeter Model	<u>United 5934AD-3</u>	Serial No.	<u>476043</u>
Transponder Model	<u>Garmin GTX33</u>	Serial No.	<u>89120776</u>
Encoder Model	<u>Garmin GDC74A</u>	Serial No.	<u>20609668</u>
The altimeter was tested to	<u>20,000</u>	feet on (date)	<u>06/06/2017</u>
The transponder was tested on			<u>06/06/2017</u>
Encoder data correspondence was tested to	<u>20,000</u>	feet on (date)	<u>06/06/2017</u>
Static system leak tested on (date)			<u>06/06/2017</u>

Authorized Signature: _____
FAA CRS# 9STR450B



Aircraft Make – Cirrus

Model – SR22T

Flight HM – 522.3

HM – 655.7

June 7, 2017

SN – 0065

ACTT – 522.3

Scheduled Maintenance

Inspected Aircraft in accordance with Cirrus SR22T Maintenance Manual checklist and requirements of 14CFR Part 43 APP D. Wheel bearings cleaned and re-packed. Air filter elements (2) cleaned as required and inspected. Not yet due for life limit replacement. ELT Inspected IAW FAR 91.207d. ELT Battery Expiration Date is May 31, 2024. Lubricated aircraft, engine and flight controls. Fuel strainer filter inspected and cleaned. Tire and brake system serviced. Flight control cable tensions and rigging checked. Operationally tested aircraft, engine and systems following all work.

Un-Scheduled Maintenance

- #2 Battery packs (2) replaced with new part number 50979-001 batteries. Operationally tested and verified correct charging. Serial numbers installed are E1611141C (2).
- Removed and replaced ELT battery pack with new Artex ME-406 part number 455-0012.
- Corrected issue with loose pilots side door trim by replacement of Velcro.
- Installed bolt in A/C belt tensioner and tensioned belt. Safetied turnbuckle.
- Torqued all Turbo inlet duct clamps.
- Installed missing hardware in baffling and baffle seal.
- Removed NLG strut, removed Nitrogen charge and replaced hydraulic fluid with MIL 5606 fluid. Bled free of all air, re-installed and serviced with Nitrogen as required by MM instructions.
- Removed then re-installed Oxygen bottle and regulator following Hydrostatic test and overhaul per 5 year requirements. Purged system then performed leak checked as required. Topped off system to 2000 PSI. Refer to Precise Flight, Inc 8130-3 dated 05/25/2017. Part number of assembly is 027N0003-1, serial number is HPR101170/2069.
- Removed and replaced Seat Restraint Module 7 year life limit requirement with new part number 508358-421 serial number A28NOV16-48. Serial number removed was A05APR10-36. Operationally tested system using Am-Safe Calibrated tool kit part number 508987-401 in accordance with SR22T MM instructions.
- Removed and replaced De-Ice System Filters (2) with new part number 26115-101 filters. Primed and operationally tested de-ice system.
- Weight checked portable fire extinguisher per 12 month requirements

Airworthiness Directives

Reference Aircraft Registration Profile revision dated 06/06/2017.

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


Shawn C. Sayle
AP490825188IA



Aircraft Make – Cirrus

Model – SR22T

Flight HM – 552.5

HM – 693.5

October 3, 2017

SN – 0065

ACTT – 552.5

Un-Scheduled Maintenance

Removed GEA71 Garmin part number 011-00831-00, serial number 46712701 and installed Overhauled like part number, serial number 46711531. Configured using Garmin software version 764.15 and in accordance with Cirrus Perspective Line Maintenance Manual document 190-00920-00, Rev. H dated 06/30/2014. All parameters corrected and “passed”. Replacement due to all engine parameters “X” in red with “AOA Overheat” indicated. Sensors and wiring troubleshot in accordance with Cirrus SR22T Maintenance Manual. No further defects noted.


Daniel Edwin Cammack
AP3729285

Reg. No. - N322PB SR-22T S/N 0065

Date 10/27/17

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Hobbs:	577.0
TTAF:	577.0

Removed and replaced Rt. Main tire and tube installed Goodyear Flight Custom II 15X6:00X6 tire, repacked wheel bearings as per Cirrus Maintenance Manual Section 32-20.



Authorized Signature

A&P2145613

Reg. No. - N322PB SR-22T S/N 0065

Date 12/6/17

Life Limited Parts Status:

1. CAPS Rocket Motor P/N 26601-001, S/N 0108. Expires: 12/2020
2. CAPS Parachute P/N 25337-002, S/N 0086. Expires: 12/2020
3. CAPS Reefing Line Cutters P/N 26707-001, S/N's 8990/8992. Expires: 01/2022
4. EMA Controller P/N 20902-001, S/N AO7Jan 12-89. Expires: 06/2027
5. Pilot Seat Inflator Assy. P/N 20902-002, S/N 10622. Expires: 06/2019
6. Co-pilot Seat Inflator Assy. P/N 20902-002, S/N 10623. Expires: 06/2019
7. Oxygen Bottle Hydro Static. Expires: 06/2022
8. ELT Battery Pack. Expires: May 2024

Hobbs:	614.7
TTAF:	614.7

This Aircraft has been inspected in accordance with a 100 Hour Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43, and Cirrus Scheduled Inspection Report, Section 5-20 of the Cirrus Maintenance Manual. For AD compliance see AD listing.



Authorized Signature

A&P2145613

Reg. No. - N322PB TSIO-550K1B S/N 1003148

Date 2/16/18

The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Hobbs:	661.3
TSN:	661.3

Drained oil, replaced filter with CH48108-1, serviced with 7 Qts Phillips 20W50 XC oil. Engine run and leak check good.



Authorized Signature

A&P2726741

6 Feb 2018

N322PB

Hobbs: 828.6

Mag Total Time: unknown

Right magneto, S6RSC-25P, S/N D10JA148, PN 10-500556-101 removed and owner provided magneto, S6RSC-25P, S/N D07IA099, PN 10-500556-101 installed. Mag timed to engine at 24° BTDC and torqued. Operational check of engine ignition system C/W, no defects noted.

All work described above was performed IAW current FAA regulations. The appliances listed above are approved for return to service.

Central Utah Aero
Richfield, UT (RIF)
435-979-7979

Signature

Marvin Jones

A&P 3286553

DATE

Reg. No. - N322PB SR-22T S/N 0065

Date 3/23/18

Life Limited Parts Status:

1. CAPS Rocket Motor P/N 26601-001, S/N 0108. Expires: 12/2020
2. CAPS Parachute P/N 25337-002, S/N 0086. Expires: 12/2020
3. CAPS Reefing Line Cutters P/N 26707-001, S/N's 8990/8992. Expires: 01/2022
4. EMA Controller P/N 20902-001, S/N AO7Jan 12-89. Expires: 06/2027
5. Pilot Seat Inflator Assy. P/N 20902-002, S/N 10622. Expires: 06/2019
6. Co-pilot Seat Inflator Assy. P/N 20902-002, S/N 10623. Expires: 06/2019
7. Oxygen Bottle Hydro Static. Expires: 06/2022
8. ELT Battery Pack. Expires: May 2024

This Aircraft has been inspected in accordance with a 100 Hour Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43, and Cirrus Scheduled Inspection Report, Section 5-20 of the Cirrus Maintenance Manual. For AD compliance see AD listing.
Replaced Rt Brake pads with P/N 066-06200 and new Rt Brake shim P/N 068-01100.



Authorized Signature

Oscar Ama.
A&P2726741

Hobbs:	712.1
TTAF:	712.1

Reg. No. - N322PB SR-22T S/N 0065

Date 3/16/18

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Removed and replaced Lt Main tire with 15X6:00X6 Goodyear Flight Custom II, 15X6:00X6 Air Stop Tube, replaced Lt brake linings with Cleveland P/N066-06200 as per Cirrus Maintenance Manual Section 32-10.



Authorized Signature

Oscar Ama
A&P2726741

Hobbs	699.6
-------	-------

Reg. No. - N322PB SR-22T S/N 0065

Date 3/30/18

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Removed and replaced ELT Battery P/N 452-6499 S/N 377171-055, Expiration Date May 2025 as per ACR Electronics/Artex Products Operations Manual.



Authorized Signature

Oscar Ama
A&P2726741

Hobbs	714.8
TTAF	714.8

Reg. No. - N322PB TSIO-550K1B S/N 1003148

Date 4/21/18

The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Removed defective oil pressure sender P/N 12635-004 S/N M0716, installed new oil pressure sender P/N 12635-004 P/N H1817 installed and secured with new tie wraps to the oil pressure sensor strain relief as per SB 2X-77-04 R1 and Cirrus Maintenance Manual Section 79-30 2. E. Engine run, leak and ops check



Authorized Signature

Oscar Ama.
A&P2726741

Hobbs:	751.0
TSN:	751.0

Reg. No. - N322PB SR-22T S/N 0065

Date 6/27/18

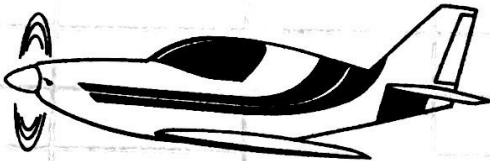
Hobbs:	815.8
TTAF:	815.8

Life Limited Parts Status:

1. CAPS Rocket Motor P/N 26601-001, S/N 0108. Expires: 12/2020
2. CAPS Parachute P/N 25337-002, S/N 0086. Expires: 12/2020
3. CAPS Reefing Line Cutters P/N 26707-001, S/N's 8990/8992. Expires: 01/2022
4. EMA Controller P/N 20902-001, S/N AO7Jan 12-89. Expires: 06/2027
5. Pilot Seat Inflator Assy. P/N 20902-002, S/N 10622. Expires: 06/2019
6. Co-pilot Seat Inflator Assy. P/N 20902-002, S/N 10623. Expires: 06/2019
7. Oxygen Bottle Hydro Static. Expires: 06/2022
8. ELT Battery Pack. Expires: May 2024

This Aircraft has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43, and Cirrus Scheduled Inspection Report, Section 5-20 of the Cirrus Maintenance Manual. C/W ELT Annual inspection I.A.W. FAR 91.207 (d). For AD compliance see AD listing.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA



Authorized Signature 
A&P2145613IA



8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267
N322PB Model: SR22T SN: 0065 Date: 7/16/18
Hobbs: 1056.7

AIRFRAME LOG ENTRY

1. Removed and replaced defective oil pressure transmitter IAW Cirrus SR22T AMM 79-30-00 Rev. D5. Operational checks good.

Unit	POS	P/N OFF	S/N OFF	P/N ON	S/N ON	COND
Transmitter	Only	12635-004	H1817	12635-004	K0517	New

I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service W.O. S29-18-10827

Signature TechnicAir 

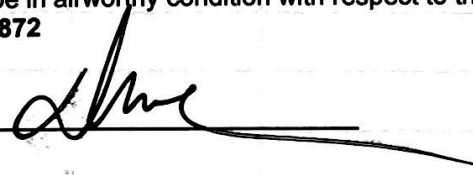
FAA CRS: LN3R663L



8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267
N322PB Model: SR22T SN: 0065 Date: 08/14/18
Hobbs: 1071.8
AIRFRAME LOG ENTRY

1. C/W SB SB2X-79-04 and installed customer supplied kit P/N 70551-001.
2. Serviced Nose Strut with Nitrogen to 350 PSI IAW Cirrus SR22T AMM 01 Jan 2012 Revision Section 12-10 (H).
3. Serviced all tires with Nitrogen IAW Cirrus SR22T AMM 01 Jan 2012 Revision Section 12-10, Figure 12-101.

I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service **W.O. S29-18-10872**

Signature TechnicAir 

FAA CRS: LN3R663L



8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267
N322PB HOBBS: 1076.6
Model: Cirrus SR22T SN: 0065 Date: 08/28/2018
Engine: Continental TSIO550K1B S/N 1003148 TTE: 1076.6 TSMOH: -
Propeller: Hartzell PHL-J3Y1F-1N S/N NJ405B TT: 1076.6 TSMOH: -
AIRFRAME LOG ENTRY

1. C/W 50 hour inspection IAW Cirrus SR22 AMM/Scheduled Inspection Report, Traditional Program, 50 hour requirements Chapter 05-20-00 Rev 15.

Work accomplished I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service **W.O. S29-18-10897**

Signature TechnicAir 

FAA CRS: LN3R663L

Reg. No. - N322PB SR-22T S/N 0065

Date 9/17/18

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Hobbs	848.1
TTAF	848.1

Replaced Rt main tire and tube with Goodyear Flight Special II, repacked Rt main wheel bearings.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA

Authorized Signature

A&P2145613



Reg. No. - N322PB SR-22T S/N 0065

Date 12/19/18

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Hobbs	888.1
TTAF	888.1

Removed and replaced Nose tire with 5:00X5 Goodyear Flight Custom II, 5:00X5 Air Stop Tube, repacked nose wheel bearings as per Cirrus Maintenance Manual Section 32-10, removed and replaced Lt & Rt nose wheel pant brackets P/N 11799-004. As per Cirrus Maintenance Manual 32-20 Page 5.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA

Authorized Signature

A&P2145613



Reg. No. - N322PB SR-22T S/N 0065

Date 1/22/19

Life Limited Parts Status:

1. CAPS Rocket Motor P/N 26601-001, S/N 0108. Expires: 12/2020
2. CAPS Parachute P/N 25337-002, S/N 0086. Expires: 12/2020
3. CAPS Reefing Line Cutters P/N 26707-001, S/N's 8990/8992. Expires: 01/2022
4. EMA Controller P/N 20902-001, S/N AO7Jan 12-89. Expires: 06/2027
5. Pilot Seat Inflator Assy. P/N 20902-002, S/N 10622. Expires: ~~06/2019~~ 2022/06
6. Co-pilot Seat Inflator Assy. P/N 20902-002, S/N 10623. Expires: ~~06/2019~~ 2022/06
7. Oxygen Bottle Hydro Static. Expires: 06/2022
8. ELT Battery Pack. Expires: May 2024

Hobbs:	912.4
TTAF:	912.4

This Aircraft has been inspected in accordance with a 100 Hour Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43, and Cirrus Scheduled Inspection Report, Section 5-20 of the Cirrus Maintenance Manual .For AD compliance see AD listing.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA

Authorized Signature

A&P2145613



Reg. No. N322PB Date: 03-07-2019
 Model: Cirrus SR22T S/N 0065 ACCT: 947.4
Airframe Log Book Entry

Installed new manifold pressure transmitter P/N 12635-003 IAW Cirrus SR22T amm 77-10-00. Ops checked good at this time.

I certify this article been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

SIGNATURE [Signature]
 A&P 3417318

Registration: N322PB Date: 6-25-19
 Model: Cirrus SR22T S/N: 0065 Hobbs: 977.4 ACTT: 977.4
Airframe Log Book Entry

The airframe has been inspected in accordance with an **Annual Inspection** and determined to be in an airworthy condition at this time. Complied with Inspection Checklist as per Appendix D to Part 43, Cirrus Scheduled Inspection Report, Section 5-20 of the cirrus Maintenance Manual. For AD compliance see AD listing.

C/W ELT 12 month inspection IAW FAR 91.207(D) Battery Exp: 05/24
 C/W review of AD Bi-weekly Listing 2019-12

I certify this article been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

SIGNATURE [Signature] A&P 2703488 IA

Flite Instruments and Avionics
 2310 S. Airport Blvd Ste 11
 Chandler AZ 85286 CS # 6FIR926C 480-516-0308

Reg.#	A/C Make	Model	S/N	Tach/hobb
N322PB	CIRRUS	SR22T	0065	1271

I certify that the Static and transponder tests, including data correspondence, required by § 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F. Altitude 25000
 Date 06/20/19 Work performed by [Signature]
 Inspected by [Signature] Work Order # 7644

Flite Instruments and Avionics
 2310 S. Airport Blvd Ste 11
 Chandler AZ 85286 CS # 6FIR926C 480-516-0308

Reg.#	A/C Make	Model	S/N	Tach/hobb
N322PB	CIRRUS	SR22T	0065	1284

I certify that the Static and transponder tests, including data correspondence, required by § 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F. Altitude 25000
 Date 07/17/19 Work performed by [Signature]
 Inspected by [Signature] Work Order # 7790



LEMAC AVIATION, LLC
 4550 EAST MCKELLIPS ROAD, SUITE 101
 MESA, ARIZONA 85215

SERVICE #: 2229
 DATE: 7/18/19
 REGISTRATION: N322PB

MAKE: Cirrus
 MODEL: SR22T
 SERIAL: 0065

HOBBS: 1284.5
 TACH: 987.3

AIRFRAME LOG

- Removed Garmin GTX 33 transponder. (P/N: 011-00779-10)
- Installed Garmin GTX 33 ES transponder (P/N: 011-00779-30) in same location using same mounting hardware, using Garmin Installation Manual 190-00734-10 Rev. 12 Dated April 10, 2019 and FAA AC 43.13-1B/2B
- Comply with Cirrus Service Bulletin (SB2X-42-10R2) Comply with SB 2X-42-11
- Comply with Cirrus Service Bulletin (SB2X-42-11) G1000 Software Update to Version 0764.23
- Comply with Cirrus Service Bulletin (SB2X-42-12) G1000 Software Update to Version 0764.35
- Verify Pitot Static and Transponder Comply with 14 CFR 91.411 and 91.413

ADSB
Installation

MATTHEW LAYTON 3629537 A

MAKE: Cirrus
 MODEL: SR22T
 S/N: 0065
 REG. NO: 322PB
 WORK ORDER:
 10934-09-2019



Flightline Group, Inc.
 3256 Capital Circle SW
 Tallahassee, Florida 32310
 Phone: 850-576-3515

DATE: 10/24/2019
 A/C TSN:
 HOBBS: 1014.8

Airframe Entries

Removed defective fuel quantity gauge (p/n 13557-003 s/n 0069). Installed New Fuel quantity gauge (p/n 13557-003 s/n 1264). C/W Ops test, test good. Ref Cirrus SR22T Amm 28-40....Reloaded Software v764.35. Ref Cirrus SR2X SB2X-42-12.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 10/24/2019

SIGNED:
 Matthew Suber, A&P: 3764687

Work Order: 10934-09-2019

Printed by EBis 3 (datcomedia.com)



Aircraft Make – Cirrus
Model – SR22T
Flight HM – 1018.9

November 27 2019
SN – 0065
HM – 1323.3

Un-Scheduled Maintenance

- Troubleshoot issue with erratic MP and Power % indications. Inspected wiring between sensor and firewall and ground tested MP sensor part number 12635-003 using an external source. Removed and replaced MP sensor with new part number 12635-003 sensor. Could not duplicate any issues and noted steady correct indication. No further actions taken at this time. Cowlings were removed to facilitate replacement and reinstalled following all work.

Shawn C. Bayle
 AP490825188

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
7-15-20	Hobbs	1343	8	FLT HRS: 1035.4
Performed an annual inspection on this airframe using FAR 43 appendix D as a guide. Removed in-op #2 ALT and sent to Aerotech for off. Replaced ALT 2 belts. Replaced right and left induction airfilters. Replaced right and left side brake linings. Replaced #2 Batteries P/N 50979-001. Replaced CO detector P/N 24660-002. Replaced TKS Fluid Filters P/N 26115-101. Serviced TKS system with 4 gal. of F Fluid. A.D.'s checked to date. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.				
Donald Steff ATP 3647522 IA				

ACFT SN# 0065	GDC74A #1 Altimeter/Static System Certification	Hobbs 1403.2																																																																																																																										
Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS#Z6MR586Y MAS Form #4	Work Order No. 2019 Acft.Reg.No. N/322PB Acft Type CIRRUS SR22T Altimeter Position #1 Altimeter P/N# GARMIN GDC74A S/N# 20609668 Date 7-22-21 Signed <i>Merlin Guigly</i>																																																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Altitude</th> <th>Reading</th> <th>Tol</th> <th>Altitude</th> <th>Reading</th> <th>Tol</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>-1000</td><td>20</td><td>14,000</td><td>13980</td><td>100</td></tr> <tr><td>0</td><td>0</td><td>20</td><td>16,000</td><td>15980</td><td>110</td></tr> <tr><td>500</td><td>500</td><td>20</td><td>18,000</td><td>17970</td><td>120</td></tr> <tr><td>1000</td><td>1000</td><td>20</td><td>20,000</td><td>19970</td><td>130</td></tr> <tr><td>1500</td><td>1500</td><td>25</td><td>22,000</td><td>/</td><td>140</td></tr> <tr><td>2000</td><td>2000</td><td>30</td><td>25,000</td><td>/</td><td>155</td></tr> <tr><td>3000</td><td>3000</td><td>30</td><td>30,000</td><td>/</td><td>180</td></tr> <tr><td>4000</td><td>4000</td><td>35</td><td>35,000</td><td>/</td><td>205</td></tr> <tr><td>6000</td><td>5990</td><td>40</td><td>40,000</td><td>/</td><td>230</td></tr> <tr><td>8000</td><td>7990</td><td>60</td><td>45,000</td><td>/</td><td>255</td></tr> <tr><td>10,000</td><td>9980</td><td>80</td><td>50,000</td><td>/</td><td>280</td></tr> <tr><td>12,000</td><td>11985</td><td>90</td><td></td><td></td><td></td></tr> </tbody> </table>	Altitude	Reading	Tol	Altitude	Reading	Tol	-1000	-1000	20	14,000	13980	100	0	0	20	16,000	15980	110	500	500	20	18,000	17970	120	1000	1000	20	20,000	19970	130	1500	1500	25	22,000	/	140	2000	2000	30	25,000	/	155	3000	3000	30	30,000	/	180	4000	4000	35	35,000	/	205	6000	5990	40	40,000	/	230	8000	7990	60	45,000	/	255	10,000	9980	80	50,000	/	280	12,000	11985	90				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Friction</th> <th>Tol</th> </tr> </thead> <tbody> <tr><td>1K</td><td>70</td></tr> <tr><td>2K</td><td>70</td></tr> <tr><td>3K</td><td>70</td></tr> <tr><td>5K</td><td>70</td></tr> <tr><td>10K</td><td>80</td></tr> <tr><td>15K</td><td>90</td></tr> <tr><td>20K</td><td>100</td></tr> <tr><td>25K</td><td>120</td></tr> <tr><td>30K</td><td>140</td></tr> <tr><td>35K</td><td>160</td></tr> <tr><td>40K</td><td>180</td></tr> <tr><td>50K</td><td>250</td></tr> </tbody> </table>	Friction	Tol	1K	70	2K	70	3K	70	5K	70	10K	80	15K	90	20K	100	25K	120	30K	140	35K	160	40K	180	50K	250	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Press</th> <th>Diff. (Tol. 25 Ft.)</th> </tr> </thead> <tbody> <tr><td>28.10</td><td>-1727</td></tr> <tr><td>28.50</td><td>-1340</td></tr> <tr><td>29.00</td><td>-863</td></tr> <tr><td>29.50</td><td>-392</td></tr> <tr><td>29.92</td><td>0</td></tr> <tr><td>30.50</td><td>531</td></tr> <tr><td>30.90</td><td>893</td></tr> <tr><td>30.99</td><td>974</td></tr> </tbody> </table>	Press	Diff. (Tol. 25 Ft.)	28.10	-1727	28.50	-1340	29.00	-863	29.50	-392	29.92	0	30.50	531	30.90	893	30.99	974
Altitude	Reading	Tol	Altitude	Reading	Tol																																																																																																																							
-1000	-1000	20	14,000	13980	100																																																																																																																							
0	0	20	16,000	15980	110																																																																																																																							
500	500	20	18,000	17970	120																																																																																																																							
1000	1000	20	20,000	19970	130																																																																																																																							
1500	1500	25	22,000	/	140																																																																																																																							
2000	2000	30	25,000	/	155																																																																																																																							
3000	3000	30	30,000	/	180																																																																																																																							
4000	4000	35	35,000	/	205																																																																																																																							
6000	5990	40	40,000	/	230																																																																																																																							
8000	7990	60	45,000	/	255																																																																																																																							
10,000	9980	80	50,000	/	280																																																																																																																							
12,000	11985	90																																																																																																																										
Friction	Tol																																																																																																																											
1K	70																																																																																																																											
2K	70																																																																																																																											
3K	70																																																																																																																											
5K	70																																																																																																																											
10K	80																																																																																																																											
15K	90																																																																																																																											
20K	100																																																																																																																											
25K	120																																																																																																																											
30K	140																																																																																																																											
35K	160																																																																																																																											
40K	180																																																																																																																											
50K	250																																																																																																																											
Press	Diff. (Tol. 25 Ft.)																																																																																																																											
28.10	-1727																																																																																																																											
28.50	-1340																																																																																																																											
29.00	-863																																																																																																																											
29.50	-392																																																																																																																											
29.92	0																																																																																																																											
30.50	531																																																																																																																											
30.90	893																																																																																																																											
30.99	974																																																																																																																											
Hysteresis: 1st Test Point @ 50% of Max.Alt. (Tol. 75 Ft.) NA 2nd Test Point @ 40% of Max.Alt. (Tol. 75 Ft.) NA		Case Leak (FPM Tol. 100 Ft.) 0																																																																																																																										
This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.		After Effect (Tol. 30 Ft.) 0																																																																																																																										

GDC 74A #2
Altimeter/Static System Certification

Merlin's Avionics Service
 Tel: (615) 305-1186
 307 Roberta Drive
 Hendersonville, Tennessee 37075
 FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 2019 Acft.Reg.No. N322 PB
 Acft Type CIRRUS SR22T Altimeter Position #2
 Altimeter P/N# GDC 74A S/N#
 Date 7-22-21 Signed Merlin Singely

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K		70	28.50 -1340 -1340
500	500	20	18,000	17970	120	3K		70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K		70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K		80	29.92 0 0
2000	2000	30	25,000	/	155	15K		90	30.50 531 531
3000	3000	30	30,000	/	180	20K		100	30.90 893 893
4000	4000	35	35,000	/	205	25K		120	30.99 974 974
6000	6000	40	40,000	/	230	30K		140	
8000	8000	60	45,000	/	255	35K		160	
10,000	9990	80	50,000	/	280	40K		180	
12,000	11990	90				50K		250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA After Effect (Tol.30 Ft.) 0
 2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA 0

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

STANDBY Altimeter
Altimeter/Static System Certification

Merlin's Avionics Service
 Tel: (615) 305-1186
 307 Roberta Drive
 Hendersonville, Tennessee 37075
 FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 2019 Acft.Reg.No. N322 PB
 Acft Type CIRRUS SR22T Altimeter Position #2
 Altimeter P/N# 5934AD-3 S/N# 476043
 Date 7-22-21 Signed Merlin Singely

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13985	100	1K	+20	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	+20	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	+15	70	29.00 -863 -863
1000	1000	20	20,000	19980	130	5K	+15	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	+10	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	+15	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	+15	100	30.90 893 893
4000	4000	35	35,000	/	205	25K		120	30.99 974 974
6000	5990	40	40,000	/	230	30K		140	
8000	7990	60	45,000	/	255	35K		160	
10,000	9980	80	50,000	/	280	40K		180	
12,000	11980	90				50K		250	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +15 After Effect (Tol.30 Ft.) +10
 2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15 +10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 2019 Acft.Reg.No. N322 PB
 Aircraft Type CIRRUS SR22T Txpond Position #1
 Txpond P/N# GTX33ES S/N# 89120776
 Check Box if Mode S (✓)

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 7-22-21

Signed Merlin Singely

Date: 8/18/2021; Aircraft: N322PB; Type: SR22T; S/N: 0065; Hobbs: 1403.20; Tach: 1083.30; Total Time: 1083.30; LG Cycles:; Engine - Type: TSIO-550-K1B, S/N: 1003148, Time: 1083.30; Prop - Type: J3Y1F-1N/N7605B, S/N: N3405B, Time: 1083.30
Shop Order #: SH21-0122

DATE

Discrepancy: 1 Perform Preliminary Inspection
Corrective Action: 1 Preliminary Inspection Complied With And Any Discrepancies Noted Are Listed On Work Order Sheet.

Discrepancy: 2 Airframe 100 Hour/Annual Inspection Due
Corrective Action: 2 Performed Airframe 100 Hour/Annual Inspection Of The Aircraft (N322PB) This Date Per Cirrus Design SR22 & SR22T (Maintenance Manual Chapter 5-20) 100Hour / Annual Inspection Guide. Dated Aug. 20th, 2019. Discrepancies Are As Follows:

Discrepancy: 3 AD's And Technical Research Due
Corrective Action: 3 AD's Checked Through T-Data Biweekly 2021-17, No New AD's On Airframe Or Propeller. 1 New AD On Engine.

Discrepancy: 4 Precise Flight Oxygen ICA Doct #102NMAN0003 12 Month Inspection Due
Corrective Action: 4 Performed 100 Hour/Annual Inspection Per Precise Flight Doct# 102NMAN0003, Rev. F, No Defects Noted. Next Due 8/2022.

Discrepancy: 5 Tanis Engine Preheat ICA Doct# TCA0001 Rev. C 12 Month Inspection Due
Corrective Action: 5 Performed 100 Hour/Annual Inspection Per Tanis ICA Doct# TCA0001, Rev. C Dated 9/9/2014, No Defects Noted. Next Due 8/2022.

Discrepancy: 6 Fire Extinguisher 30 Day And 12 Month Inspection Due

Corrective Action: 6 Complied With Monthly/12 Month Fire Bottle Check Of N322PB. Bottle S/N G-42446732 Bottle Weight = 2Lbs:6.5 Oz. Fire Extinguishers Inspected And Maintained In Accordance With NFPA#10 Dated 2018 Edition. No Discrepancies Noted At This Time. Next Due 30 Day Inspection 9/2021, 12 Month 8/2022.

Discrepancy: 7 ELT 91.207 d 1-4 12 Month Inspection Due
Corrective Action: 7 Complied With ELT 91.207d(1-4) On ELT Model # ELT ME406 S/N 197-06208. Performed Operational Check, No Defects Noted At This Time. Next Due: 8/2022. Battery Due: 05/2025.

Discrepancy: 8 Fuel Leaking At B-Nut In Left Wing
Corrective Action: 8 Cleaned Area And Torqued Fitting Per Cirrus SR22T Amm 28-20. No Leaks Noted At This Time.

Discrepancy: 9 Both Left And Right TKS Drain Placards Faded
Corrective Action: 9 Removed Faded TKS Placards And Installed New Placards P/N 19655-001 Per Cirrus SR22T Amm Ch. 11-20.

Discrepancy: 10 10 Year CAPS Rocket Motor Assembly Ch. 4 Replacement Due
Corrective Action: 10 Removed Rocket Motor Assembly Part Number 25363-001 Serial Number 0108. Installed New Rocket Motor Assembly Part Number 29554-003 Serial Number 4333 With New Igniter Part Number TRM-350-018 And New Frangible Link Part Number 29705-002. For New Wiring Installation See This Work Order Item 30. Work Performed In Accordance With Cirrus SR22T CMM Ch. 95-01-01. Rocket Motor Expires 05/04/2031.

Discrepancy: 11 10 Year Parachute Assembly Ch. 4 Replacement Due
Corrective Action: 11 Removed Packed Parachute Part Number 25337-002 Serial Number 0086. Installed Rebuilt Packed Parachute Part Number 25574-004-REB Serial Number 0070R1. Parachute Was Rebuilt By

Cirrus Design Corporation (crs# PC#338CE) On Their Work Order Number 747154 Dated 20/May/2021. Work Performed In Accordance With Cirrus SR22T CMM Ch. 95-01-01. Parachute Due Change 05/10/2031. Installed Existing Line Cutters S/N's 8992, And 8990.

Discrepancy: 12 Freeplay In Left Elevator Outboard Bolt (Tighten)
Corrective Action: 12 Tightened Left Elevator Outboard Bolt And Installed New MS24665-132 Cotter Pin Per Cirrus SR22T Amm Ch. 55-20.

Discrepancy: 13 Both Brakes Overtemped
Corrective Action: 13 Removed, Cleaned, And Inspected Both Brake Calipers. Re-Assembled Using New O-Rings P/N 101-34500 And New Temp Stickers P/N's 51698-001, And 51698-003. Bled Brakes As Required. All Work Accomplished Per Cirrus SR22T Amm Ch. 32-42. Operational And Leak Check Good.

Discrepancy: 14 Nose Fork Failed Pull Test / Oil Soaked (Clean And Adjust)
Corrective Action: 14 Removed, Disassembled, And Cleaned Nose Fork Assembly. Installed Nose Fork Using New Thrust Washer P/N 50545-001 And New Cotter Pin P/N MS24665-355. Adjusted Nose Fork Tension. All Work Accomplished Per Cirrus SR22T Amm Ch. 32-20. Operational And Functional Check Good.

Discrepancy: 15 Key Can Be Removed From Ignition With Mags On
Corrective Action: 15 Removed Ignition Switch P/N 19537-001 And Installed New Ignition Switch P/N 19537-001 Per Cirrus SR22T Amm Ch. 74-30. Operational And Functional Check Good. (Key Code 134)

Discrepancy: 16 External Power Placard Missing
Corrective Action: 16 Installed New External Power Placard P/N 12432-007 Per Cirrus SR22T Amm Ch. 11-20.

Continued → TB

Discrepancy: 17 Grab Here Placard Missing On Pilots Side
Corrective Action: 17 Installed New Grab Here Placard P/N 15735-006 On Pilots Side Per Cirrus SR22T Amm

DATE Ch. 11-30.

Discrepancy: 18 Left Brake Shim Missing
Corrective Action: 18. Installed New Left Brake Shim P/N 068-01100 Per Cirrus SR22T Amm Ch. 32-42.

Discrepancy: 19 Both Brake Discs Worn Below Minimums
Corrective Action: 19 Removed, Disassembled, And Cleaned Left And Right Main Wheels. Re-Assembled Using New Brake Discs P/N 164-02504 Per Cleveland Wheels And Brakes Cmm AWBCMM0001-12/USA. Installed Both Wheels Using New Cotter Pins P/N MS24665-360 Per Cirrus SR22T Amm Ch. 32-41.

Discrepancy: 20 No Current Equipment List Or Weight/Balance In POH
Corrective Action: 20 Obtained Delivery Weight And Balance And Equipment List From Cirrus. Updated Weight And Balance To Reflect Changes Due To Parachute Service Bulletins.

Discrepancy: 21 Fire Extinguisher 12 Year Life Limit Replacement Due
Corrective Action: 21 Removed Fire Extinguisher P/N RT-A400 S/N X-803073 And Installed New Extinguisher P/N A344 S/N G-42446732 Per Cirrus SR22T Amm Ch. 26-20. Bottle Weighs 2 LBS 6.5 Oz's. Next Due 12 Year Replacement 01-2033.

Discrepancy: 22 Oleo Strut Leaking / Needs Serviced
Corrective Action: 22 Cleaned Oleo Strut And Serviced With Dry Nitrogen Per Cirrus SR22T Amm Ch. 12-10. No Leaks Noted At This Time.

Discrepancy: 23 CAPS Handle Cover Velcro Loose
Corrective Action: 23 Installed New Velcro On The 4 Posts For The CAPS Handle Cover As Required.

Discrepancy: 24 All Antenna Sealant Dry Rotting / Some Missing
Corrective Action: 24 Removed Old Sealant And Applied New White Sealant As Required.

Discrepancy: 25 Tie Down For TKS Line Aft Of Filters Debonded
Corrective Action: 25 Secured Tie Down For TKS Line Aft Of Filters Using 5 Minute Epoxy As Required.

Discrepancy: 26 Fuel Injector 12 Month/300 Hour Cleaning Due
Corrective Action: 26 Removed, Cleaned Fuel Nozzles And Reinstalled Per TCM MM, M-0, Chapter 6-4.17 Fuel System Inspection. Next Due 08/2022 Or 1383.3. No Leaks Noted.

Discrepancy: 27 ELT 6 Year Remote Battery Replacement Due
Corrective Action: 27 Removed And Replaced ELT Remote Battery With New Battery P/N 28L Per Cirrus SR22T Amm Ch. 25-60. Operational And Functional Check Good. Next Due 08/2027.

Discrepancy: 28 Cirrus SB2X-34-29R1 Pitot / TKS Line Routing & Grommet Install Due
Corrective Action: 28 Complied With Cirrus SB2X-34-29R1 Pitot / TKS Line Routing & Grommet Install Per Ch. 11 Accomplishment Instructions. Noted Proper Routing And Grommet Installation. No Further Actions Required.

Discrepancy: 29 Cirrus SB2X-52-08R2 Catcher/Diverter & Rod End Install Due
Corrective Action: 29 Complied With Cirrus SB2X-52-08R2 Catcher/Diverter & Rod End Installation By Installing Kit P/N 70544-001 Per Ch. 11 Accomplishment Instructions. No Further Actions Required.

Discrepancy: 30 Cirrus SB2X-95-19R3 CAPS Rocket Motor Assembly Replacement Due
Corrective Action: 30 C/W Cirrus SB2X-95-19R3 CAPS Rocket Motor Assembly Replacement Per Ch 11 Accomplishment Instructions. Weight And Balance Report Updated. See This Work Order Item 10 For Rocket P/N And S/N Data. Operational Checks Good. See Item 10 For Next Due Times.

Discrepancy: 31 Cirrus SB2X-95-24R2 CAPS Ground Wire Installation Due
Corrective Action: 31 Complied With Cirrus SB2X-95-24R2 CAPS Ground Wire Installation By Installing Kit P/N 70572-001 Per Ch. 11 Accomplishment Instructions. No Further Actions Required.

Discrepancy: 32 Due To Cirrus SB2X-95-19R3 CAPS Rocket Motor Replacement MCU Must Be Replaced With P/N -004 Or -005
Corrective Action: 32 Removed MCU P/N 19800-001 S/N 00346 And Installed Upgraded MCU P/N 19800-005S S/N 00894. MCU Upgraded By Cirrus Design Corporation (crs# PC338CE) On Their Work Order 757240 Dated 27/JUL/2021. All Work Accomplished Per Cirrus SR22T Amm Ch. 24-30. Operational Check Out Good.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected / Required in accordance with current regulations of the Federal Aviation Administration and SR22T Annual / 100 Hour inspection. I certify that this aircraft was found airworthy and is approved for return to service. Pertinent details of this repair are on file at the repair station.



Date: 08-18-2021

MidAmerica Aircraft Services, LLC • CRS#: 8MCR521C • #1 Bullfrog Blvd • Owensboro, KY 42301