

LOG FOR: Airframe BOOK NUMBER: # 2 START DATE: 8/1/14  
MODEL: SR 22 S/N: 1648 END DATE: \_\_\_\_\_



## AIRCRAFT RECORDS

N828DT


REGISTRATION NUMBER



Signed: [Signature] Dated: 8/13/14  
Tri-State Aero. Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221



DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
<b>Engine</b>				
Date: 8/29/2014; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 749.40; Total Time: 749.40; Engine - Type: TCM IO550-N27, S/N: 917897, Time: 749.40				
Shop Order #: SH-14-0353				
Discrepancy: 300				
STARTER ADAPTER MAKING NOISE DURING ENGINE START.				
Corrective Action: 300				
REMOVED STARTER AND STARTER ADAPTER AND SENT THEM TO AEROTECH OF LOUISVILLE FOR TESTING. FOUND BAD STARTER ADAPTER. INSTALLED REPAIRED STARTER ADAPTER PART NUMBER 642083-A2, SERIAL NUMBER A415034 FROM AEROTECH OF LOUISVILLE ON THEIR WORK ORDER NUMBER 111903, DATED 8/27/2014. INSTALLED PREVIOUSLY REMOVED STARTER. OPERATIONAL AND LEAK CHECK GOOD AT THIS TIME.				
Discrepancy: 301				
OIL CHANGE IS DUE.				
Corrective Action: 301				
CHANGED ENGINE OIL AND OIL FILTER. INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. INSTALLED NEW CH48108-1 OIL FILTER. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W50 OIL. NO LEAKS 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: <i>[Signature]</i> Dated: 8/29/14				
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221				
<b>Airframe</b>				
Date: 8/29/2014; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 749.40; Total Time: 749.40				
Shop Order #: SH-14-0353				
Discrepancy: 1				
PERFORM PRELIMINARY INSPECTION.				
Corrective Action: 1				
PRELIMINARY INSPECTION COMPLIED WITH AND ANY DISCREPANCIES NOTED ARE LISTED ON WORK ORDER WORKSHEET.				
Discrepancy: 2				
RIGHT FUEL GAGE SLOW TO COME OFF FULL.				
Corrective Action: 2				
FOUND RIGHT OUTBOARD SENDING UNIT BAD. REMOVED OLD SENDING UNIT. INSTALLED NEW SENDING UNIT PART NUMBER 13467-002. RE-SEALED LOWER WING TANK PANEL. OPERATIONAL AND LEAK CHECK GOOD 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: <i>[Signature]</i> Dated: 8/29/14				
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221				
Date: 8/13/2014; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 739.00; Total Time:				
Shop Order #: SH-14-0332				
Discrepancy: 2				
INSTALL STRIPES ONTO LEFT M/L/G AND NOSE WHEEL PANTS.				
Corrective Action: 2				
APPLIED GRAPHICS TO NOSE AND LEFT MAIN WHEEL PANTS AS NEEDED.				
Discrepancy: 3				
PERFORM FUEL CALIBRATION ON LEFT SIDE.				
Corrective Action: 3				
PERFORMED FUEL CALIBRATION ON LEFT FUEL QUANTITY INDICATING SYSTEM AS NEEDED PER CIRRUS SR22 AMM 28-40-00. SYSTEM OPERATES NORMALLY AT THIS TIME.				
Discrepancy: 300				
STARTER MAKES UNUSUAL NOISE ON ENGINE START.				
Corrective Action: 300				
COULD NOT DUPLICATE PROBLEM AT THIS TIME. STARTED ENGINE MULTIPLE TIMES, NO UNUSUAL NOISE HEARD. REMOVED HARTZELL STARTER MOTOR PART NUMBER MRB-7000 AND INSTALLED SKYTEC STARTER MOTOR PART NUMBER 657596. OPERATIONS NORMAL.				
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: <i>[Signature]</i> Dated: 8/13/14				
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221				

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
 3301 Tunnelton Rd, Bedford IN 47421 ♦ 812.329.6174				
<div style="display: flex; justify-content: space-between;"> <div>Date: 9/24/14 Tach: 765.5</div> <div>Aircraft# 828DT Total Time: 765.5</div> <div>Serial # 1648 SMOH: N/A</div> </div>				
Removed R/H wheel fairing, brake assembly and wheel. Disassembled Cleveland wheel halves, cleaned and inspected all components and replaced Goodyear tire P/N 156E66BI and tube P/N 097-500-0 with new. Assembled wheel halves, torqued and installed on aircraft. Installed brake assembly and wheel fairing. All work done IAW Cirrus service instructions and AC 43.13.				
Prepared By: Kenneth W. Smith <i>[Signature]</i>				
Certification # A&P 2721718				
Date: 9/30/2014; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 767.90; Total Time:				
Shop Order #: SH-14-0394				
Discrepancy: 2				
GNS NAVDATA UPDATES DUE.				
Corrective Action: 2				
INSTALLED DGW300 CYCLE: 1410 NAVDATA COVERAGE GARMIN GNS 400/500 SERIES WAAS FULL USA				
IN BOTH GNS 430s. SYSTEM OPERATION PERFORMS SATISFACTORY.				
Discrepancy: 3				
MFD NAVDATA UPDATE DUE.				
Corrective Action: 3				
INSTALLED DAVID13 CYCLE: 1410 AVIDYNE EX SERIES NAVDATA AMERICAS IN MFD. SYSTEM OPERATION PERFORMS SATISFACTORY.				
Discrepancy: 4				
CMAX UPDATE DUE.				
Corrective Action: 4				
INSTALLED AVIDSW CYCLE: 20-2014 AVIDYNE EX SERIES ELECTRONIC CHART SERVICE IN MFD. SYSTEM OPERATION PERFORMS SATISFACTORY.				
Discrepancy: 5				
CALL OUT ON 9/24/14. DELIVER PARTS TO PILOT TO BE FLOWN TO ANOTHER MAINTENANCE FACILITY.				
Corrective Action: 5				
DELIVERED TIRE P/N 301-249-438 AND TUBE P/N 097-500-0 TO PILOT AS NEEDED.				
Discrepancy: 6				
GNS TERRAIN AND OBSTACLES UPDATE DUE.				
Corrective Action: 6				
INSTALLED OBSTACLE COVERAGE US/EUROPE CYCLE: 14B5 AND TERRAIN COVERAGE WORLDWIDE CYCLE: 13T1 IN TOP GNS 430 P/N 011-01060-40 S/N 97129964. 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: <i>[Signature]</i> Dated: 9-30-14				
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221				







DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
4-2-2015				Date: 4/02/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 825.10; Total Time: Shop Order #: SH-15-0143 Discrepancy: 2 #4 CHT INDICATION FLUCUATES ON MFD. Corrective Action: 2 FOUND CONNECTION FOR THE NUMBER 4 CHT LOOSE. APPLIED STABILANT 22 TO CONNECTION AND RE-CONNECTED WIRES AS NEEDED. RAN AIRCRAFT AND SYSTEM FUNCTIONED PROPERLY AT THIS TIME. Discrepancy: 3 NAV/DATA UPDATES Corrective Action: 3 INSTALLED NAV/DATA UPDATES ON MFD AND BOTH GNS430W'S. Discrepancy: 4 ON GROUND RUN FOUND NUMBER ONE CYLINDER EGT FLUCTUATING. Corrective Action: 4 APPLIED STABILANT 22 TO NUMBER 1 EGT CONNECTIONS AS NEEDED. FOUND NO OTHER DEFECTS AT THIS TIME. OPERATIONAL CHECK GOOD. 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: <u>James Stoller</u> Dated: <u>4-2-2015</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
4-14-2015				Date: 4/14/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 832.50; Total Time;; Engine - Type: TCM IO550-N27, S/N: 917897, Time: Shop Order #: SH-15-0152, Closed: 4/17/2015 Discrepancy: 300 CHANGE OIL AND OIL FILTER Corrective Action: 300 DRAINED OIL. REMOVED & INSPECTED FILTER. SERVICED ENGINE WITH 8 QTS AS 15W50 OIL & ONE AA48108-2 FILTER WASHED & RAN ENGINE FOR LEAK CHECK NO DEFECTS NOTED AT THIS TIME. Discrepancy: 301 TAKE ENGINE OIL SAMPLE Corrective Action: 301 TOOK ENGINE OIL SAMPLE & SENT FOR ANALYSIS. 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: <u>James CR 2015</u> Dated: <u>4-14-15</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
4-14-2015				Date: 4/14/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 832.60; Total Time: Shop Order #: SH-15-0152 Discrepancy: 2 PTT BUTTON NEEDS REPLACED Corrective Action: 2 REPLACED P.T.T. SWITCH ON PILOTS YOKE WITH NEW PT# 50339-001. PERFORMED OPERATIONAL CHECK. 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: <u>James CR 2015</u> Dated: <u>4-14-15</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN																																																
5-4-2015				Date: 5/04/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 845.50; Total Time: Shop Order #: SH-15-0192 Discrepancy: 2 NAV/DATA UPDATES Corrective Action: 2 UPDATED BOTH GNS 430'S NAV/DATA UPDATES AND AVIDYNE EX 5000 ELECTRONIC CHARTS AND NAV/DATA COVERAGE. 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: <u>James Stoller</u> Dated: <u>5-4-2015</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221																																																
6/16/15				Date: 6/16/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 863.40; Total Time: Shop Order #: SH-15-0270 Discrepancy: 2 PILOTS PUSH TO TALK SWITCH IS INOP. Corrective Action: 2 FOUND TERMINAL END TO BE BROKEN OFF ON PTT SWITCH. REMOVED AND REPLACED PILOT PTT SWITCH WITH NEW SWITCH P/N- 50339-001 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 27-10. OPS CHECK GOOD 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: <u>James Stoller</u> Dated: <u>6/16/15</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221																																																
<p>PFD EXR5000</p> <table><thead><tr><th colspan="2">SCALE CORRECTION</th><th colspan="2">ALT S/N D1315</th></tr><tr><th>Master</th><th>Altimeter</th><th>Master</th><th>Altimeter</th></tr></thead><tbody><tr><td>-1000</td><td>-1000</td><td>10000</td><td>10000</td></tr><tr><td>0</td><td>0</td><td>12000</td><td>12000</td></tr><tr><td>500</td><td>500</td><td>14000</td><td>14000</td></tr><tr><td>1000</td><td>1000</td><td>16000</td><td>16000</td></tr><tr><td>1500</td><td>1500</td><td>18000</td><td>18000</td></tr><tr><td>2000</td><td>2000</td><td>20000</td><td>20000</td></tr><tr><td>3000</td><td>3000</td><td>22000</td><td>XX</td></tr><tr><td>4000</td><td>4000</td><td>25000</td><td>XX</td></tr><tr><td>6000</td><td>6000</td><td>30000</td><td>XX</td></tr><tr><td>8000</td><td>8000</td><td>35000</td><td>XX</td></tr></tbody></table> <p>Checked By <u>J. Buck</u> Date: <u>7/22/15</u></p>					SCALE CORRECTION		ALT S/N D1315		Master	Altimeter	Master	Altimeter	-1000	-1000	10000	10000	0	0	12000	12000	500	500	14000	14000	1000	1000	16000	16000	1500	1500	18000	18000	2000	2000	20000	20000	3000	3000	22000	XX	4000	4000	25000	XX	6000	6000	30000	XX	8000	8000	35000	XX
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<p>STANDBY (#2)</p> <table><thead><tr><th colspan="2">SCALE CORRECTION</th><th colspan="2">ALT S/N 448747</th></tr><tr><th>Master</th><th>Altimeter</th><th>Master</th><th>Altimeter</th></tr></thead><tbody><tr><td>-1000</td><td>-1000</td><td>10000</td><td>9970</td></tr><tr><td>0</td><td>0</td><td>12000</td><td>11960</td></tr><tr><td>500</td><td>500</td><td>14000</td><td>13960</td></tr><tr><td>1000</td><td>1000</td><td>16000</td><td>15980</td></tr><tr><td>1500</td><td>1500</td><td>18000</td><td>18000</td></tr><tr><td>2000</td><td>2010</td><td>20000</td><td>20030</td></tr><tr><td>3000</td><td>3010</td><td>22000</td><td>XX</td></tr><tr><td>4000</td><td>4010</td><td>25000</td><td>XX</td></tr><tr><td>6000</td><td>6000</td><td>30000</td><td>XX</td></tr><tr><td>8000</td><td>6000</td><td>35000</td><td>XX</td></tr></tbody></table> <p>Checked By <u>J. Buck</u> Date: <u>7/22/15</u></p>					SCALE CORRECTION		ALT S/N 448747		Master	Altimeter	Master	Altimeter	-1000	-1000	10000	9970	0	0	12000	11960	500	500	14000	13960	1000	1000	16000	15980	1500	1500	18000	18000	2000	2010	20000	20030	3000	3010	22000	XX	4000	4010	25000	XX	6000	6000	30000	XX	8000	6000	35000	XX
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I Certify the Altimeter and Static System tests required by FAR Part 91.411 have been performed.

#1 Altimeter was tested to 20 K feet on 7/22/15  
#2 Altimeter was tested to 20 K feet on 7/22/15  
#1 Data correspondence to 20 K feet on 7/22/15  
#2 Data correspondence to K feet on  
Ron Collins Aviation Electronics Henderson, KY  
Faa Repair Station # PG2R082L

W.O.# 15-0565

Date 7/22/2015

Performed Biennial check required by FAR 91.413  
On GTX327 Transponder system  
#1 S/N 83721616 #2 S/N 0  
Specifications were met per Part 43 Appendix F  
and were recorded on W.O.# 15-0566  
Ron Collins Aviation Electronics, Henderson, KY  
FAA Repair Station # PG2R082L

7/22/2015  
Date

Tri-State Aero

CRS AHTR102C

CAPS Parachute	S/N 01371R1	09/2025
CAPS Rocket Motor	S/N 1164	09/2025
CAPS Reefing Line Cutters	25347-001	03/2017 6-2023
Canopy Color	ORANGE AND WHITE	

Date: 9/17/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 901.40; Total Time: 901.40  
Shop Order #: SH-15-0312

Discrepancy: 1

PERFORM PRELIMINARY INSPECTION.

Corrective Action:1

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

Discrepancy: 2

PARACHUTE IS DUE 10 YEAR REPLACEMENT.

Corrective Action:2

REMOVED OLD PACKED PARACHUTE ASSEMBLY PART NUMBER 20331-001, SERIAL NUMBER 01952.  
INSTALLED REBUILT PACKED PARACHUTE ASSEMBLY PART NUMBER 25574-004-REB, SERIAL NUMBER 01371R1, FROM CIRRUSS DESIGN CORPORATION, ON THEIR WORK ORDER NUMBER 519952, DATED 7/15/15. WORK PERFORMED PER CIRRUSS SR22 CMM 95-01-01.

Discrepancy: 3

ANNUAL INSPECTION IS DUE ON THIS CIRRUSS SR22.

Corrective Action:3

COMPLIED WITH THE ANNUAL INSPECTION ON THIS CIRRUSS SR22.

Discrepancy: 4

AD RESEARCH IS DUE.

Corrective Action:4

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

Discrepancy: 5

ELT INSPECTION IS DUE PER FAR 91.207(d).

Corrective Action:5

COMPLIED WITH ELT INSPECTION PER FAR 91.207(d). NO DEFECTS NOTED AT THIS TIME.

Discrepancy: 6

Continued on next page.

JB

DATE

CIRRUSS SB 2X-95-18 R2 CAPS ROCKET MOTOR ASSEMBLY REPLACEMENT IS DUE.

Corrective Action:6

COMPLIED WITH CIRRUSS SB 2X-95-18 R2 CAPS ROCKET MOTOR ASSEMBLY REPLACEMENT.

REMOVED OLD ROCKET MOTOR ASSEMBLY PART NUMBER 15047-001, SERIAL NUMBER 2219.

INSTALLED NEW ROCKET MOTOR ASSEMBLY PART NUMBER 29500-003, SERIAL NUMBER 1164.

REMOVED OLD NUMBER 2 BATTERY WIRE HARNESS. INSTALLED NEW NUMBER 2 BATTERY WIRE HARNESS FROM MCU BACK. ALL WORK PERFORMED PER CIRRUSS SB 2X-95-18 R2.

Discrepancy: 7

CIRRUSS SB 2X-95-13 CAPS STRAP INSPECTION AND GROMMET INSTALLATION IS DUE.

Corrective Action:7

COMPLIED WITH CIRRUSS SB 2X-95-13 CAPS STRAP INSPECTION AND GROMMET INSTALLATION.

Discrepancy: 8

NOSE WHEEL SHIMMY.

Corrective Action:8

REMOVED AND CLEANED THE NOSE FORK. FOUND THE THRUST WASHER AND BELLEVILLE WASHERS TO BE WORN. INSTALLED NEW THRUST WASHER P/N- 50545-001, 4 BELLEVILLE WASHERS P/N- 50750-101, AND A NEW LOCK NUT P/N- MS17826-8. PERFORMED ADJUSTMENT TEST ON NOSE FORK IN ACCORDANCE WITH CIRRUSS SR22 AMM CH. 32-20.

Discrepancy: 9

NUMBER 6 EXHAUST WELDMENT CRACKED.

Corrective Action:9

SENT THE #6 EXHAUST HEADER TO PLANEXHAUST CORPORATION (#Q6SR742J). THE HEADER WAS REPAIRED ON THEIR WORK ORDER NO. 24176 DATED 09/02/2015. INSTALLED THE #6 EXHAUST HEADER IN ACCORDANCE WITH CIRRUSS SR22 AMM CH. 78-10.

Discrepancy: 10

INDUCTION AIR FILTER IS DUE CHANGE.

Corrective Action:10

REMOVED AND REPLACED THE INDUCTION AIR FILTER WITH A NEW FILTER P/N- BA-24 IN ACCORDANCE WITH CIRRUSS SR22 AMM CH. 71-60. NEXT DUE IN 12 MONTHS.

Discrepancy: 11

BOTH LEFT AND RIGHT BRAKE DISCS ARE WORN BELOW LIMITS.

Corrective Action:11

UPON INSPECTION OF LOG BOOKS THE CIRRUSS SERVICE BULLETIN 2X-95-13R1 (BIGGER BRAKE DISCS) WAS COMPLIED WITH ON 12/01/2006. HOWEVER THE SERVICE BULLETIN WAS NOT COMPLIED WITH THEREFORE THE BRAKE DISCS ARE WITHIN LIMITS.

Discrepancy: 12

PILOT'S AND CO-PILOT'S SEAT BELT INFLATORS ARE DUE REPLACEMENT.

Corrective Action:12

PILOT'S AND CO-PILOT'S SEAT INFLATORS ARE ON BACK ORDER AT THIS TIME.

Discrepancy: 13

NUMBER 2 & 3 CHTS FLUCTUATE.

Corrective Action:13

SOLDERED THE WIRES TO THE TERMINALS FOR NUMBERS 2 AND 3 CHTS AND APPLIED STABILANT 22 TO THE TERMINAL ENDS. OPS CHECK GOOD AT THIS TIME.

Discrepancy: 14

FORWARD ENGINE BAFFLE CRACKED AROUND MOUNT BOLT.

Corrective Action:14

REMOVED FORWARD BAFFLE. INSTALLED A PATCH PLATE OF .002 2024-T3 IN ACCORDANCE WITH AC 43.13-1B CHAPTER 4 SECTION 4. INSTALLED FORWARD BAFFLE ON THE ENGINE.

Discrepancy: 15

PROPELLER TIP TO GROUND CLEARANCE IS BELOW MINIMUM.

Corrective Action:15

REMOVED THE WORN NOSE GEAR PUCKS AND BUMPER. INSTALLED 6 NEW NOSE GEAR PUCKS P/N- 13386-001 AND NEW BUMPER P/N- 18380-001 IN ACCORDANCE WITH CIRRUSS SR22 AMM CH. 32-20.

PROPELLER TIP TO GROUND CLEARANCE IS GOOD AT THIS TIME.

Discrepancy: 16

CIRRUSS SB 2X-95-02 INDUCTION DUCT FLAPPER BOLT INSPECT/REPLACE IS DUE.

Corrective Action:16

COMPLIED WITH CIRRUSS SB 2X-95-02 INDUCTION FLAPPER BOLT INSPECTION/ REPLACE BY

INSPECTING AND REPLACING THE FLAPPER BOLT WITH NEW BOLT P/N- AN3-23. NEXT DUE IN 500 HOURS OR 2 YEARS WHICHEVER OCCURS FIRST.

Discrepancy: 17

MIXTURE CONTROL CABLE ATTACH HARDWARE IS LOOSE AT FUEL PUMP CONTROL ARM.

Corrective Action:17

UPON INSPECTION FOUND MISSING WASHER ON THE MIXTURE CONTROL CABLE ATTACH POINT.

INSTALLED NEW WASHER P/N- NAS1149FG363P. OPS CHECK GOOD AT THIS TIME.

Discrepancy: 18

NOSE TIRE HAS A TORE PLACE ON IT.

Corrective Action:18

REMOVED DEFECTIVE TIRE. INSPECTED TIRE. NO DEFECTS NOTED. INSTALLED NEW NOSE TIRE P/N- 381-016-006. SERVICED TIRE IN ACCORDANCE WITH CIRRUSS SR22 POH. BALANCED TIRE AS NEEDED.

Discrepancy: 19

DE-ICE FLUID RESERVOIR IS LOW.

Corrective Action:19

SERVICED THE DE-ICE RESERVOIR AS NEEDED.

Discrepancy: 20

CIRRUSS SB 2X-28-12R1 ELECTRIC FUEL PUMP INSPECTION IS DUE.

Corrective Action:20

COMPLIED WITH CIRRUSS SB 2X-28-12R1 ELECTRIC FUEL PUMP INSPECTION. NO DEFECTS NOTED AT THIS TIME.

Continued on next page

JB



DATE	Discrepancy: 21 AFT CAPS WIRING HARNESS HAS DAMAGED CONNECTOR PIN IN J2701. Corrective Action: 21 REMOVED DAMAGED AFT WIRE HARNESS. INSTALLED NEW AFT WIRE HARNESS AND PERFORMED OHM AND VOLTAGE CHECKS. WORK PERFORMED PER CIRRUS SB 2X-95-18 R2. Discrepancy: 22 AD 15-16-04 AMENDMENT 39-18229, DATED 9/15/15 (HAND OPERATED FIRE EXTINGUISHER ACTIVATION LEVER) IS DUE. Corrective Action: 22 COMPLIED WITH AD 15-16-04 AMENDMENT 39-18229, DATED 9/15/15 (HAND OPERATED FIRE EXTINGUISHER ACTIVATION LEVER). AD IS N/A. AFFECTED FIRE EXTINGUISHER IS NOT INSTALLED. NO FURTHER ACTION TAKEN. The aircraft, airframe, aircraft engine, propeller or appliance identified above was <u>Inspected and Repaired</u> in accordance with current regulations of the Federal Aviation Administration and <u>Annual</u> 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: <u>[Signature]</u> DATE: <u>9/17/15</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725
	Date: 10/14/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 915.20; Total Time: Shop Order #: SH-15-0465 Discrepancy: 2 REPLACE NON SKID STEP TAPE. Corrective Action: 2 REPLACED NON SKID STEP TAPE WITH NEW STEP TAPE P/N- 12683-006 ON THE PILOT AND CO-PILOT ENTRY STEPS AS REQUIRED. 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: <u>[Signature]</u> Dated: <u>10-14-2015</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	Date: 5/26/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 956.60; Total Time: Shop Order #: SH-16-0195 Discrepancy: 2 #5 EGT ERRATIC Corrective Action: 2 DISASSEMBLED AND CLEANED THE #5 EGT PROBE CONNECTIONS. APPLIED STABILANT 22 TO CONNECTIONS. PERFORMED OPERATIONAL GROUND RUN. SYSTEM PERFORMS SATISFACTORY AT THIS TIME. Discrepancy: 3 #2 CHT ERRATIC Corrective Action: 3 FOUND A LOOSE CONNECTION ON THE #2 CHT PROBE. DISASSEMBLED AND CLEANED THE PROBE CONNECTORS. APPLIED STABILANT 22 TO CONNECTIONS. PERFORMED OPERATIONAL GROUND RUN. SYSTEM PERFORMS SATISFACTORY 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: <u>[Signature]</u> Dated: <u>05-26-2016</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	Date: 5/25/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 956.60; Total Time: Shop Order #: A-16-0018 Discrepancy: 2 #2 430 WILL NOT CROSSFILL Corrective Action: 2 TROUBLESHOOT CROSSFILL ERROR MESSAGE AND CONFIRMED UNITS WOULD NOT CROSSFILL. CHECKED CONFIGURATION IN BOTH GNS-430W UNITS AND FOUND BOTH UNITS SETUP CORRECTLY. UPDATED NAV DATABASES IN BOTH GARMIN GNS-430W AND CROSSFILL MESSAGE WENT AWAY. OPERATIONAL CHECKED NORMAL. 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: <u>[Signature]</u> Dated: <u>5-25-16</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

DATE	Date: 8/31/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 996.50; Total Time: Shop Order #: SH-16-0303 Discrepancy: 2 FLAPS WOULD ONLY GO DOWN 10%. IN HANGAR, THEY WENT DOWN TWICE BUT THEN CAME BACK UP ON THEIR OWN. Corrective Action: 2 REMOVED THE OLD FLAP UP AND DOWN RELAYS PART NUMBER 50288-001. INSTALLED NEW FLAP UP AND DOWN CONTROL RELAYS PART NUMBER 50288-001. OPERATIONAL CHECK GOOD. UPON TEST FLIGHT FLAPS WOULD NOT RESPOND CORRECTLY. FOUND THE FLAP CIRCUIT CARD TO BE FAULTY. REPLACED FLAP CIRCUIT CARD WITH NEW CARD P/N- 12017-002. FUNCTIONAL FLIGHT CHECK PERFORMED. SYSTEM PERFORMS SATISFACTORY AT THIS TIME. Discrepancy: 3 NUMBER 3 EGT IS INOP. Corrective Action: 3 REMOVED DEFECTIVE # 3 EGT PROBE AND REPLACED WITH NEW PROBE P/N- 14554-003. OPERATIONAL GROUND RUN PERFORMED AND FOUND SATISFACTORY AT THIS TIME. Discrepancy: 4 NUMBER 5 AND 6 CHTS ARE ERRATIC. Corrective Action: 4 APPLIED STABILANT 22 TO THE NUMBER 5 AND 6 EGT PROBES' WIRING CONNECTIONS. OPERATIONAL CHECK GOOD. 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: <u>[Signature]</u> Dated: <u>08-31-2016</u> Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	Date: 9/30/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1000.70; Total Time: 1000.70 Shop Order #: SH-16-0346 Discrepancy: 2 ANNUAL INSPECTION IS DUE ON THIS CIRRUS SR22. Corrective Action: 2 COMPLIED WITH ANNUAL INSPECTION ON THIS CIRRUS SR22. ALL DISCREPANCIES CAN BE FOUND ON THIS WORK ORDER. Discrepancy: 3 AD RESEARCH IS DUE. Corrective Action: 3 COMPLIED WITH AD RESEARCH FOR THIS AIRPLANE UP TO THE END DATE OF THIS WORK ORDER. Discrepancy: 4 ELT INSPECTION DUE PER FAR91.207(d) Corrective Action: 4 COMPLIED WITH THE INSPECTION OF THE ELT AS REQUIRED BY FAR 91.207(d). NEXT DUE IN 12 CALENDER MONTHS. Discrepancy: 5 ELT BATTERIES ARE DUE REPLACEMENT Corrective Action: 5 REPLACED ELT BATTERIES WITH 8 NEW DURACELL "D" BATTERIES. BATTERY CHANGE NEXT DUE IN 2 YEARS. Discrepancy: 6 SECONDARY BATTERIES ARE DUE REPLACEMENT Corrective Action: 6 REMOVED AND REPLACED THE SECONDARY BATTERIES WITH NEW BATTERIES P/N- 50979-001 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 24-30. OPERATIONAL CHECK GOOD. NEXT DUE IN 2 YEARS Discrepancy: 7 ENGINE INDUCTION FILTER DUE CHANGE Corrective Action: 7 REMOVED AND REPLACED INDUCTION FILTER WITH NEW FILTER P/N- BA-24. IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 71-60. Discrepancy: 8 DE ICE FLUID SYSTEM FILTER DUE CHANGE Corrective Action: 8 REMOVED DE-ICE FLUID SYSTEM FILTER AND REPLACED WITH NEW FILTER P/N- 26115-101 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 30-05. NO LEAKS NOTED AT THIS TIME. Discrepancy: 9 RIGHT EXHAUST MUFFLER/HEAT EXCHANGER DUE 1000 HOUR REPLACE Corrective Action: 9 REMOVED RIGHT MUFFLER/ HEAT EXCHANGER P/N- 14837-001 AND REPLACED WITH OVERHAULED MUFFLER P/N- 14837-001. MUFFLER WAS OVERHAULED BY PLANEXHAUST CORP. (#Q6SR742J) ON THEIR WORK ORDER # 27587 DATED 27/SEP/2016. PERFORMED ADJUSTMENT/ TEST OF THE FORWARD BALL JOINT. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 78-20. Discrepancy: 10 RIGHT M/L/G BAD WELL NUT FOR UPPER FAIRING Corrective Action: 10 REPLACED BAD WELL-NUT FOR THE RIGHT M/L/G FAIRING WITH NEW WELL-NUT P/N- 50803-001 AS REQUIRED. Discrepancy: 11 CIRRUS SB 2X-52-08R2 CABIN DOORS CATHCHER/DIVERTER AND GAS STRUT ROD END REPLACEMENT Corrective Action: 11 COMPLIED WITH CIRRUS SB2X-52-08R2 (CABIN DOORS CATCHER/ DIVERTER AND GAS STRUT ROD

continued on  
Next Page →  
[Signature]



END REPLACEMENT) BY INSTALLING KIT # 70543-001. OPERATIONAL CHECK GOOD.

Discrepancy: 12

#6 CHT IS INOP.

REMOVED AND REPLACED #6 CHT WITH NEW PROBE P/N- 14880-001.

Corrective Action: 12

OPERATIONAL CHECK GOOD AT THIS TIME.

Discrepancy: 13

#1 CHT IS ERRATIC.

Corrective Action: 13

APPLIED STABILANT 22 TO THE #1 CHT. OPERATIONAL CHECK GOOD AT THIS TIME.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was *inspected*

*and 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: *[Signature]* DATE: *09-30-2016*

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

Date: 10/04/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1000.70; Total Time:

Shop Order #: SH-16-0358

Discrepancy: 2

OXYGEN BOTTLE HYDROSTATIC TEST IS DUE

Corrective Action: 2

SENT OXYGEN BOTTLE P/N- 026N0010-1 S/N- BH0028562 AND REGULATOR ASSY. P/N- 025N0010-4 TO PRECISE FLIGHT, INC. (#6PCR620B). THE BOTTLE AND REGULATOR ASSY. WERE OVERHAULED BY THEM ON THEIR WORK ORDER #95356 DATED 30/SEP/2016. SERVICED OXYGEN BOTTLE TO 2000PSI. NO LEAKS NOTED AT THIS TIME. NEXT DUE IN 5 YEARS.

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: *10-04-2016*

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

11/16/16 N828DT SR22 SN: 1648

Lycoming IO-550-N27 S/N: 917897

Hobbs: 1027.7 TTE: 1027.7

Removed and replaced ELT batteries with (8) Duracell MN1300 batteries. Inspected ELT IAW FAR 91.207(D), no abnormalities detected.

All work accomplished IAW AC 43.13-1B/2B, SR-22 maintenance manual, and all applicable FAR's. I certify this engine was determined to be in airworthy condition and approved for return to service in respect to work performed.

*[Signature]* William Wood A&P IA 2769598

4/12/17 1043.6

*Removed + Replaced battery with new Gill 7243  
BATTERY. S/N 602955819. ops check ok.*

*[Signature] AIP IA 2769598*

Date: 6/26/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1059.20; Total Time:

Shop Order #: SH-17-0233

Discrepancy: 2

LINE CUTTERS DUE REPLACEMENT

Corrective Action: 2

INSTALLED LINE CUTTER KIT P/N- 25347-002 WITH 2 LINE CUTTERS S/N- 11131, AND 11074 IN ACCORDANCE WITH CIRRUS SR22 CMM CH. 95-01-00. NEXT DUE REPLACEMENT IN 6 YEARS.

06/2023.

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: *06-26-2017*

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

DATE

Date: 6/26/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1059.20; Total Time:

Shop Order #: A-17-0028

Discrepancy: 2

24 MONTH ALTIMETER CERTIFICATION IS DUE

Corrective Action: 2

PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON AVIDYNE PFD ALTIMETER PER S/B601-00006-040 REV. 00D AND UNITED INSTRUMENT INC. ALTIMETER P/N5934D-3. TESTED TO 20,000 FEET ON THIS DATE 6-26-2017. 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 NORMAL.

Discrepancy: 3

24 MONTH TRANSPONDER CERTIFICATION IS DUE

Corrective Action: 3

PERFORMED FAR 91.413 IAW APPENDIX F TO PART 43 ON GARMIN GTX-327 P/N011-00490-00 S/N83721516. SYSTEM OPERATION PERFORMED NORMAL.

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: *6-26-2017*

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

Date: 8/03/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1075.80; Total Time; Engine - Type: TCM

IO550-N27, S/N: 917897, Time:

Shop Order #: SH-17-0303

Discrepancy: 300

ENGINE OIL CHANGE DUE

Corrective Action: 300

CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. INSTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL W15W-50 OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN.

Discrepancy: 301

TAKE ENGINE OIL SAMPLE

Corrective Action: 301

TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS

Discrepancy: 302

CONTINENTAL SERVICE BULLETIN 16-6 DATED 2016/10/19 (ENGINE DAMAGE DUE TO KICKBACK)

Corrective Action: 302

INSPECTED ENGINE IN ACCORDANCE WITH CONTINENTAL SERVICE BULLETIN 16-6. FOUND THE LEFT MAGNETO IMPULSE COUPLING DEFECTIVE SEE THIS WORK ORDER DISCREPANCY 303 FOR FURTHER ACTIONS.

Discrepancy: 303

LEFT MAGNETO IMPULSE COUPLING DOES NOT CATCH EVERY TIME.

Corrective Action: 303

REMOVED LEFT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-318 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL. INSTALLED LEFT MAGNETO IN

ACCORDANCE WITH CIRRUS SR22 AMM CH. 74-10. OPERATIONAL GROUND RUN GOOD AT THIS TIME. NO LEAKS 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: *08-03-2017*

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

Date: 08/03/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1075.80; Total Time:

Shop Order #: SH-17-0303

Discrepancy: 2

CHHT FLUCTUATING AND OWNER REQUESTS ALL OTHER CHT AND EGT PROBES HAVE STABILANT APPLIED TO THEM.

Corrective Action: 2

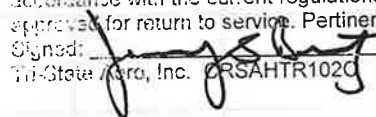

INSPECTED THE #6 CHT PROBE. NO DEFECTS NOTED. APPLIED STABILANT 22 TO ALL CHT AND EGT PROBES. PERFORMED OPERATIONAL GROUND RUN. SYSTEMS PERFORM SATISFACTORY AT THIS TIME.


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: *08-03-2017*

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



DATE	RECORD
	<b>Airframe</b> Date: 01/05/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1080.00; Total Time: Shop Order #: SH-17-0321 Discrepancy: 2 NUMBER ONE EGT IS INOP. Corrective Action: 2 REMOVED OLD NUMBER ONE EGT PROBE. INSTALLED NEW NUMBER CYLINDER EGT PROBE PART NUMBER 14554-001. APPLIED STABILANT 22 TO TERMINALS. OPERATIONAL CHECK GOOD 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: 8/15/17 Tri-State Aero, Inc. ORSAHTR1020 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	Date: 10/19/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1097.10; Total Time: 1097.10 Shop Order #: SH-17-0395 Discrepancy: 2 ANNUAL INSPECTION DUE. Corrective Action: 2 COMPLIED WITH ANNUAL INSPECTION. SEE THIS WORK ORDER FOR DEFECTS. NEXT DUE IN 12 CALENDAR MONTHS. Discrepancy: 3 AD RESEARCH IS DUE. Corrective Action: 3 COMPLIED WITH THE AD RESEARCH UP TO THE DATE OF THIS ANNUAL INSPECTION. Discrepancy: 4 ELT INSPECTION IS DUE PER FAR 91.207(d) Corrective Action: 4 COMPLIED WITH ELT INSPECTION PER FAR 91.207(d). NO DEFECTS NOTED AT THIS TIME. NEXT DUE IN 12 MONTHS Discrepancy: 5 INDUCTION FILTER IS DUE CHANGE Corrective Action: 5 REMOVED AND REPLACE INDUCTION FILTER WITH NEW FILTER PART NUMBER BA-24 IN ACCORDANCE WITH CIRRUS SR22 AMM CH 71-60. NEXT DUE CHANGE IN 200 HOURS OR 12 MONTHS Discrepancy: 6 FIRE EXTINGUISHER IS DUE CHANGE PER CALENDAR MONTHS Corrective Action: 6 REMOVED FIRE EXTINGUISHER AND INSTALLED NEW GAGED EXTINGUISHER PART NUMBER 12533- 004 AS REQUIRED. ANNUAL MAINTENANCE IS DUE IN 12 CALENDAR MONTHS. SIX YEAR INSPECTION IS DUE OCTOBER 2023. 12 YEAR HYDROSTATIC TEST DUE OCTOBER 2029 Discrepancy: 7 INDUCTION DUCT FLAPPER BOLT IS DUE TIME CHANGE PER CIRRUS SB 2X-05-02 Corrective Action: 7 REMOVED AND REPLACED INDUCTION FLAPPER BOLT WITH NEW BOLT PART NUMBER AN3-34 IN ACCORDANCE WITH CIRRUS SERVICE BULLETIN SB2X-05-02 NEXT DUE CHANGE IN 500 HOURS OR 24 MONTHS Discrepancy: 8 PILOTS SEAT INFLATER IS DUE 12 YEAR CHANGE Corrective Action: 8 REMOVED PILOTS SEAT INFLATER PART NUMBER 508794-401 SERIAL NUMBER AASI145S10092. INSTALLED NEW INFLATER PART NUMBER 20902-005 SERIAL NUMBER Z7160747158 WITH NEW SEAT HARNESS PART NUMBER 20903-006, BRACKETS PART NUMBER 20902-008 AND FITTING ASSEMBLY PART NUMBER 20902-007. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 25-10 NEXT DUE CHANGE IN 12 YEARS Discrepancy: 9 CO PILOTS SEAT INFLATER IS DUE 12 YEAR CHANGE Corrective Action: 9 REMOVED CO PILOTS SEAT INFLATER PART NUMBER 508794-401 SERIAL NUMBER AASI145S10209. INSTALLED NEW INFLATER PART NUMBER 20902-005 SERIAL NUMBER Z7171180055 WITH NEW SEAT HARNESS PART NUMBER 20903-006, BRACKETS PART NUMBER 20903-008 AND FITTING ASSEMBLY PART NUMBER 20902-007. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 25-10. NEXT DUE CHANGE IN 12 YEARS Discrepancy: 10 #1 CHT FLUCTUATES Corrective Action: 10 THIS DEFECT WAS RESOLVED BY COMPLYING WITH CIRRUS SERVICE BULLETIN SB 2X-77-02R2 (ENGINE TEMPERATURE SENSOR MODIFICATION).
	Continued on Next Page → 

DATE	RECORD
	Discrepancy: 11 RECOMMEND ROTATING BOTH MAIN GEAR TIRES Corrective Action: 11 ROTATED BOTH MAIN GEAR TIRES AS REQUIRED. SERVICED TIRES IN ACCORDANCE WITH CIRRUS SR22 POH Discrepancy: 12 NOT MAKING TAKE OFF RPM OR FUEL FLOW (ADJUST FUEL SETTINGS) Corrective Action: 12 ADJUSTED FUEL SETTINGS IN ACCORDANCE WITH SID 97-3G AND TCM MAINTENANCE MANUAL M-0. HAD TO ADJUST THE PROPELLER LOW PITCH STOPS AS PER HARTZELL OWNERS MANUAL TO OBTAIN TAKE OFF RPM. RPM AND FUEL FLOW IS GOOD AT THIS TIME. Discrepancy: 13 NOSE LANDING GEAR RIGHT LOWER ATTACH BUSHING WORN Corrective Action: 13 REMOVED NOSE LANDING GEAR ASSEMBLY. REPLACED WORN BUSHING PART NUMBER NAS77-10- 013 TO THE RIGHT ATTACH POINT. INSTALLED NOSE GEAR ASSEMBLY WITH NEW SPACER PART NUMBER 13705-001. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 32-20 Discrepancy: 14 AILERONS OUT OF RIG (HITTING UPPER STOPS AND SHOULDN'T BE) Corrective Action: 14 ADJUSTED AILERON RIGGING AS REQUIRED IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 27-10. ALL TRAVELS WITHIN LIMITS PRESCRIBED IN AIRCRAFT MAINTENANCE MANUAL Discrepancy: 15 NOSE LANDING GEAR UPPER PUCK PAN RIGHT HAND SIDE IS WORKING AND WORN Corrective Action: 15 REMOVED UPPER PUCK PAN FROM THE NOSE LANDING GEAR ASSEMBLY. INSTALLED NEW PUCK PAN PART NUMBER 13549-002 WITH NEW SPACERS PART NUMBER 13705-003 AND BOLT PART NUMBER AN178-45A. OPERATIONAL CHECK GOOD. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 32-20 Discrepancy: 16 RIGHT ELEVATOR INBOARD ATTACH POINT IS WORN Corrective Action: 16 REMOVED RIGHT ELEVATOR. REPLACED INBOARD BUSHING PART NUMBER 50224-001. UPON RE INSTALLATION REPLACED INBOARD HINGE PIN PART NUMBER 11621-002. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 55-20 Discrepancy: 17 LEFT AND RIGHT LOWER COWLING'S HAVE HEAT DAMAGE TO FOAM CORE Corrective Action: 17 REMOVED DE-LAMINATED PLYS AND DAMAGED CORE FROM THE LEFT AND RIGHT LOWER COWLS. CLEANED ALL SURFACES. CUT FOAM CORE TO FIT. PERFORMED LAMINATE IN PLACE REPAIR. CURED REPAIR AS PER CIRRUS SR22 AMM CH. 51. ONCE PARTS WERE CURED AND COOLED, APPLIED 3M TAPE ADHESIVE PRIMER TO FULL EXTENT OF FOAM CORE ON THE LEFT AND RIGHT LOWER COWLINGS. APPLIED ALUMINUM TAPE OVER FOAM CORE AREAS TO PREVENT FURTHER DE-LAMINATION OR BURNING OF CORE. Discrepancy: 18 AD 17-04-06 AMENDMENT 39-18801 DATED 04-06-2017 (ALTIMETER DISPLAYING HIGHER THAN ACTUAL ALTITUDE) IS DUE Corrective Action: 18 COMPLIED WITH AD17-04-06 AMENDMENT 39-18801 DATED 04-06-2017. AD DOES NOT APPLY DUE TO SERIAL NUMBER RANGE. NO FURTHER ACTION TAKEN Discrepancy: 19 AD 17-16-01 AMENDMENT 39-18978 DATED 10-24-2017 (ELT FAILURE) IS DUE Corrective Action: 19 COMPLIED WITH AD17-16-01 AMENDMENT 39-18978 DATED 10-24-2017. AD DOES NOT APPLY. AFFECTED ELT IS NOT INSTALLED. NO FURTHER ACTIONS TAKEN Discrepancy: 20 CIRRUS SERVICE BULLETIN SB 2X-77-02R2 (ENGINE TEMPERATURE SENSOR MODIFICATION) Corrective Action: 20 COMPLIED WITH CIRRUS SERVICE BULLETIN SB2X-77-02R2 (ENGINE TEMPERATURE SENSOR MODIFICATION) NY INSTALLING KIT PART NUMBER 70134-001. MODIFIED ALL CHT AND EGT PROBE CONNECTORS AS OUTLINED IN SERVICE BULLETIN. OPERATIONAL AND FUNCTIONAL CHECK GOOD AT THIS TIME Discrepancy: 21 PILOT AND CO PILOT TRIM AROUND GRAB HANDLE COMING LOOSE Corrective Action: 21 GLUED LEATHER BACK DOWN WITH 1300L AS REQUIRED ON THE PILOT AND CO PLOT TRIM PANELS BY THE LOWER GRAB HANDLES Discrepancy: 22 RECOMMEND CLEANING ALL FUEL INJECTORS Corrective Action: 22 CLEANED ALL FUEL INJECTORS AS REQUIRED. PERFORMED LEAK CHECK. NO LEAKS NOTED AT THIS TIME Discrepancy: 23 #2 FUEL INJECTOR BROKE IN HALF Corrective Action: 23 REMOVED REMAINING PART OF #2 FUEL INJECTOR FROM CYLINDER. INSPECTED FOR FURTHER DAMAGE; NO DEFECTS NOTED. INSTALLED NEW POSITION TUNED FUEL INJECTOR PART NUMBER 657068-2234 AS REQUIRED. OPERATIONAL AND FUNCTIONAL CHECK GOOD. NO LEAKS NOTED AT THIS TIME Discrepancy: 24 OWNER REQUESTS FUEL TANKS BE PURGED.
	Continued on Next Page → 



Corrective Action: 24  
PURGED THE FUEL TANKS WITH FUEL TO FILTER OUT AND POSSIBLE CONTAMINATES AS PER THE OWNERS REQUEST.

Discrepancy: 25  
TKS PUMP DRAIN UPPER FITTING LEAKING

Corrective Action: 25  
DRAINED TKS SYSTEM. REMOVED B-NUT FROM UPPER DRAIN FITTING OF THE PUMP. FOUND OLIVE DEFORMED AND LINE SHEARED. CUT TUBE OFF SQUARE AND INSTALLED NE OLIVE PART NUMBER 15164-022B WITH NEW SEAL PART NUMBER 15164-092B. SERVICED TKS IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 12-10. NO LEAKS NOTED AT THIS TIME.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected and 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: [Signature] DATE: 10-19-2017  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

Date: 10/31/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1109.50; Total Time:  
Shop Order #: SH-17-0435

Discrepancy: 2  
RIGHT AILERON IS ELEVATED WITH AUTOPILOT ENGAGED

Corrective Action: 2  
LEVELLED THE AIRCRAFT IN ACCORDANCE WITH CIRRUS SR22 AMM CH.8-10. FOUND THE TURN AND BANK COORDINATOR TO BE LEFT WING HEAVY. ADJUSTED THE TURN AND BANK COORDINATOR AS REQUIRED FOR LEVEL FLIGHT. SYSTEM PERFORMS SATISFACTORY ON THE GROUND.

Discrepancy: 3  
HEATER KNOB MIGRATES TO THE OFF POSITION.

Corrective Action: 3  
INSPECTED THE HEATER KNOB LINKAGE. COULD NOT FIND ANY DEFECTS. TIGHTENED THE LOCKING RING TO APPLY MORE TENSION ON THE KNOB. ALSO TIGHTENED THE KNOB TO THE SHAFT SO THERE IS NO FREE MOVEMENT.

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: 10-31-2017  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 10/31/2017; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1109.50; Total Time:: Prop - Type: Hartzell  
PHC-J34F-IRF1F7693DF3, S/N: FP4096B, Time:: Last Prop MOH: 96.40-9/30/2016

Shop Order #: SH-17-0435

Discrepancy: 500  
PROP INSTALLED 180 DEGREES OUT

Corrective Action: 500  
REMOVED PROPELLER AND INSTALLED 180 DEGREES FROM CURRENT LOCATION WITH NEW O RING PART NUMBER C-3317-228 AND NEW NUTS PART NUMBER A2044. IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 61-10. OPERATIONAL AND LEAK CHECK GOOD 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: 10-31-2017  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 3/09/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1133.20; Total Time:

Shop Order #: SH-18-0107

Discrepancy: 2  
CHECK AND SERVICE TIRES AS NEEDED.

Corrective Action: 2  
SERVICED ALL TIRES AS NEEDED PER THE POH.

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: 3/9/18  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 11/19/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1198.30; Total Time: 1198.30  
Shop Order #: SH-18-0421

Discrepancy: 2

ANNUAL INSPECTION DUE.

Corrective Action: 2

COMPLIED WITH ANNUAL INSPECTION. NEXT DUE IN 12 MONTHS. SEE THIS WORK ORDER FOR DEFECTS.

Discrepancy: 3

AD AND TECHNICAL RESEARCH DUE.

Corrective Action: 3

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

Discrepancy: 4

CIRRUS MANDATORY SB 2X-95-22R2, DATED 4/6/18 CAPS AFT GRAIN REPLACEMENT IS DUE

Corrective Action: 4

COMPLIED WITH CIRRUS MANDATORY SB 2X-95-22R2, DATED 4/6/18 CAPS AFT GRAIN REPLACEMENT. FOUND SERVICE BULLETIN TO BE NOT APPLICABLE. PARACHUTE REPACK WAS NOT DONE OUTSIDE THE UNITED STATES. NO FURTHER ACTION TAKEN

Discrepancy: 5

CIRRUS MANDATORY SB 2X-95-23 R1, DATED 4/6/18 CAPS AFT GRAIN REPLACEMENT IS DUE

Corrective Action: 5

COMPLIED WITH CIRRUS MANDATORY SB 2X-95-23 R1, DATED 4/6/18 CAPS AFT GRAIN REPLACEMENT. FOUND SERVICE BULLETIN TO BE NOT APPLICABLE. PARACHUTE REPACK WAS NOT DONE OUTSIDE THE UNITED STATES. NO FURTHER ACTION TAKEN

Discrepancy: 6

CIRRUS MANDATORY SB 2X-95-24 R1, DATED 11/6/17 CAPS ROCKET SHELF GROUND WIRE INSTALLATION IS DUE

Corrective Action: 6

COMPLIED WITH CIRRUS SERVICE BULLETIN 2X-95-24R1, DATED 11-06-2017 (CAPS ROCKET SHELF GROUND WIRE INSTALLATION) BY INSTALLING KIT PART NUMBER 70572-001 IN ACCORDANCE WITH INSTRUCTIONS PROVIDED IN SERVICE BULLETIN.

Discrepancy: 7

BOTH LEFT AND RIGHT BRAKE DISC'S ARE WORN CLOSE TO MINIMUM LIMIT.

Corrective Action: 7

DISASSEMBLED THE LEFT AND RIGHT MAIN WHEELS. INSTALLED NEW DISC'S PART NUMBER APS164 -01501. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 32-42

Discrepancy: 8

BOTH LEFT AND RIGHT BRAKE PADS NEED REPLACED, WORN TO ATTACH RIVETS

Corrective Action: 8

REMOVED AND REPLACED LEFT AND RIGHT BRAKE PADS WITH NEW BRAKE PADS PART NUMBER 066-10500 AND RIVETS PART NUMBER 105-00200 PER CIRRUS AMM 32-42

Discrepancy: 9

BOTH LEFT AND RIGHT TIRES WORN.

Corrective Action: 9

REMOVED THE LEFT AND RIGHT MAIN WHEELS. DISASSEMBLED BOTH WHEELS, INSTALLED NEW TIRE PART NUMBER 156E66B1 SERIAL NUMBER 72515625 WITH NEW TUBE PART NUMBER 302-246-401 ON THE LEFT MAIN. INSTALLED NEW TIRE PART NUMBER 156E66B1 SERIAL NUMBER 81365819 WITH NEW TUBE PART NUMBER 302-246-401 ON THE RIGHT MAIN WHEEL. SERVICED TIRES AS REQUIRED. ALL WORK DONE IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 32-41

Discrepancy: 10

BRAKE WHEEL CYLINDERS O RINGS NEED REPLACED DUE TO OVER TEMP INDICATOR

Corrective Action: 10

REMOVED AND REPLACED ORING WITH NEW ORING PART NUMBER MS28775-222 ON BOTH BRAKE CALIPERS. ALSO REMOVED AND REPLACED BRAKE TEMPERATURE INDICATORS PER CIRRUS AMM 32-42 AND LEAD BRAKES PER AMM 32-42

Discrepancy: 11

LEFT MUFFLER CONE IS WARPED

Corrective Action: 11

INSTALLED OVERHAULED MUFFLER PART NUMBER 14836-002 (OVERHAULED BY PLANEXHAUST CORPORATION WORK ORDER 34488 CERTIFICATE # Q6SR742J) PER CIRRUS AMM 78-20

Discrepancy: 12

COLD AIR DUCT CAME LOOSE AT AIR MIXING BOX

Corrective Action: 12

RE-SECURED COLD AIR DUCT ON AIR MIXING CHAMBER PER CIRRUS AMM 21-20. OPERATIONAL CHECK GOOD.

Discrepancy: 13

NOSE GEAR FORK WASHERS NEED REMOVED, CLEANED AND INSPECTED, FORK PULL TEST WAS 39 FT. LBS

Corrective Action: 13

SEE ITEM #25 THIS WORK ORDER FOR DETAILS

Discrepancy: 14

AILERON TRIM INDICATOR ON PILOTS SIDE IS MISSING

Corrective Action: 14

VERIFIED NEUTRAL TRIM POSITION WITH AILERON RIGGING TEMPLATE. INSTALLED TRIM INDICATION PLACARD ABOVE THE PILOTS YOKE. VERIFIED PROPER TRIM DEGREES AND INDICATION AS PER CIRRUS SR22 AMM CH. 06-00. OPERATIONAL AND FUNCTIONAL CHECK GOOD.

Discrepancy: 15

PILOT GRAB HERE PLACARD MISSING AND CO PILOTS SIDE LOOSE

Corrective Action: 15

INSTALLED NEW GRAB HERE PLACARDS PART NUMBER 15735-001

Discrepancy: 16

FUEL INJECTOR LINE STANDOFF FOR #1 CYLINDER CHAFING INTO INTAKE TUBE



Corrective Action: 16  
REPOSITIONED THE STANDOFF FOR THE NUMBER ONE CYLINDER FUEL INJECTION LINE TO PREVENT FURTHER CHAFFING.  
Discrepancy: 17  
ELT INSPECTION DUE PER FAR 91.207(d)  
Corrective Action: 17  
COMPLIED WITH ELT INSPECTION IN ACCORDANCE WITH FAR 91.207(d). NO DEFECTS NOTED. NEXT DUE IN 12 MONTHS  
Discrepancy: 18  
ELT BATTERIES DUE CHANGE  
Corrective Action: 18  
INSTALLED NEW DURACELL D BATTERIES IN THE ELT IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 15-60. OPERATIONAL TEST GOOD PER FAR 91.207(d). NEXT DUE CHANGE IN 11-2020  
Discrepancy: 19  
DE-ICE FLUID SYSTEM FILTER DUE TIME CHANGE  
Corrective Action: 19  
REMOVED AND REPLACED DE-ICE FLUID FILTER WITH NEW FILTER PART NUMBER 26115-101 AND NEW O-RINGS PART NUMBER 15164-092B IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 30-05. LEAK CHECK GOOD. NEXT DUE CHANGE IN 24 MONTHS.  
Discrepancy: 20  
#2 BATTERIES DUE TIME CHANGE  
Corrective Action: 20  
REMOVED AND REPLACED THE NUMBER TWO BATTERIES WITH NEW BATTERIES PART NUMBER 50570-001 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 24-30. OPERATIONAL CHECK GOOD. NEXT DUE IN 24 MONTHS.  
Discrepancy: 21  
INDUCTION AIR FILTER DUE TIME CHANGE

Corrective Action: 21  
INSTALLED NEW INDUCTION AIR FILTER PART NUMBER BA-24 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 71-60.  
Discrepancy: 22  
FIRE EXTINGUISHER DUE ANNUAL INSPECTION  
Corrective Action: 22  
SENT FIRE EXTINGUISHER OUT FOR ANNUAL INSPECTION. PRIORITY ONE FIRE AND SECURITY, LLC PERFORMED FIRE EXTINGUISHER ANNUAL INSPECTION INVOICE # 17011. NO DEFECTS NOTED AT THIS TIME. NEXT DUE IN 12 MONTHS  
Discrepancy: 23  
AILERON/RUDDER INTERCONNECT SHOCK CORD DUE REPLACEMENT  
Corrective Action: 23  
REMOVED AND REPLACED AILERON/RUDDER INTERCONNECT BUNGEE CORD WITH NEW BUNGEE CORD PART NUMBER 12983-001 PER CIRRUS MM 27-20. OPERATIONAL AND TRAVEL CHECK GOOD AT THIS TIME  
Discrepancy: 24  
CIRRUS MANDATORY SB 2X-32-19 R3 DATED 6/28/12. NOSE LANDING GEAR ASSEMBLY INSPECTION AND REINFORCEMENT IS DUE. VISUAL INSPECTION PORTION IS DUE  
Corrective Action: 24  
COMPLIED WITH CIRRUS MANDATORY SB 2X-32-19 R3 DATED 6/28/12. NOSE LANDING GEAR ASSEMBLY INSPECTION AND REINFORCEMENT. NO DEFECTS NOTED AT THIS TIME. NEXT DUE IN 100 HOURS OR 12 MONTHS  
Discrepancy: 25  
NOSE GEAR STRUT SPINDLE THREADS ARE STRIPPED  
Corrective Action: 25  
REMOVED NOSE GEAR ASSEMBLY TO F.O.M. REMOVED SPINDLE CUP TO F.O.M. REMOVED AND REPLACED SPINDLE STUD WITH SPINDLE STUD REPLACEMENT KIT P/N 70229-001 PER CIRRUS M/M

32-20. ALSO REINSTALLED THE SAME SPINDLE CUP PER CIRRUS M/M 32-20. THEN REINSTALLED SAME NOSE GEAR ASSEMBLY PER CIRRUS M/M 32-20. OPERATIONAL CHECK GOOD AT THIS TIME  
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.  
SIGNED: [Signature] DATE: 11-19-18  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

Date: 11/19/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1198.30; Total Time: 1198.30  
Shop Order #: SH-18-0446  
Discrepancy: 2

CIRRUS SENT WRONG PART FOR SPINDLE STUD REPAIR  
Corrective Action: 2  
REMOVED NOSE GEAR ASSEMBLY TO F.O.M. REMOVED SPINDLE CUP TO F.O.M. REMOVED AND REPLACED SPINDLE STUD WITH SPINDLE STUD REPLACEMENT KIT P/N 70229-001 PER CIRRUS M/M 32-20. ALSO REINSTALLED THE SAME SPINDLE CUP PER CIRRUS M/M 32-20. THEN REINSTALLED SAME NOSE GEAR ASSEMBLY PER CIRRUS M/M 32-20. OPERATIONAL CHECK GOOD 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] DATE: 11-19-18  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

DATE: 11/12/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1198.20; Total Time: 1198.20  
Shop Order #: A-18-0057  
Discrepancy: 2  
FAR 91.411 IS DUE ON PILOTS AVIDYNE PFD  
Corrective Action: 2  
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 PER AVIDYNE SERVICE BULLETIN DOCUMENT NUMBER 601-00006-040 AND CIRRUS SR22 AMM 34-10-00 ON AVIDYNE PILOTS PFD PART NUMBER 700-0006-000 SERIAL NUMBER A1315. TESTED TO 20,000 FEET ON THIS DATE 11-05-2018. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT USING A LAVERSAB MODEL 6250. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY.  
Discrepancy: 3  
FAR 91.411 IS DUE ON PILOTS UNITED STANDBY ALTIMETER.  
Corrective Action: 3  
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 ON UNITED INSTRUMENTS INC. PILOTS STANDBY ALTIMETER PART NUMBER 5934D-3 SERIAL NUMBER 448747. TESTED TO 20,000 FEET ON THIS DATE 11-05-2018. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT USING A LAVERSAB MODEL 6250. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY.  
Discrepancy: 4  
FAR 91.413 IS DUE ON GARMIN GTX 335 TRANSPONDER.  
Corrective Action: 4  
PERFORMED FAR 91.413 IN ACCORDANCE WITH APPENDIX F TO PART 43 ON GARMIN MODEL GTX-335 TRANSPONDER PART NUMBER 011-03300-00 SERIAL NUMBER 3EE001691. TEST WAS COMPLETED USING A TR-220. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY.  
Discrepancy: 5

STATIC SYSTEM LEAK CHECK DUE  
Corrective Action: 5  
PERFORMED FAR 23.1325 (b)(2)(i) STATIC SYSTEM PRESSURE TEST. EQUIPMENT USED WAS A LAVERSAB MODEL 6250. SYSTEM OPERATIONAL CHECK 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: [Signature] DATE: 11-12-2018  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 11/13/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1198.20; Total Time: 1198.20  
Shop Order #: A-18-0058  
Discrepancy: 2  
INSPECT PREVIOUSLY INSTALLED ADS-B TRANSPONDER MODEL GARMIN GTX-335 ON WORK ORDER NUMBER A-17-0043.  
Corrective Action: 2  
INSPECTED PREVIOUSLY INSTALLED GARMIN GTX-335 TRANSPONDER AND ACK TECHNOLOGIES BLIND ENCODER PART NUMBER A-30.9 ON WORK ORDER NUMBER A-17-0043. FOUND TO BE IN COMPLIANCE. THE GARMIN GTX-335 TRANSPONDER PART NUMBER 011-03300-00 SERIAL NUMBER 3EE001691 WAS INSTALLED USING GARMIN INSTALL MANUAL PART NUMBER 190-01499-02 REV.9 DATED MAY 31, 2017 AND STC NUMBER SA01714WI. THE ACK A-30.9 ENCODER WAS INSTALLED USING MANUAL PART NUMBER A30M REV. 06 DATED 02/11/2015. THE INSTALLED ADS-B OUT SYSTEM WAS SHOWN TO MEET THE EQUIPMENT PERFORMANCE REQUIREMENTS OF 14 CFR PART 91.227 USING A TR-220 TEST SET. PERFORMED AN ELECTRICAL LOAD ANALYSIS AND FOUND TOTAL LOAD NOT TO EXCEED 80% OF RATED CAPACITY AS PER AC43.13-1B CHAPTER 11. AN FAA FORM 337 DATED 11-13-2018 WAS FILED WITH FLIGHT MANUAL SUPPLEMENT AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ATTACHED. AIRCRAFT WEIGHT AND BALANCE DATA, EQUIPMENT LIST, AND AIRFRAME LOGS WERE UPDATED TO REFLECT THIS CHANGE.  
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] DATE: 11-13-2018  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 1/10/2019; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1216.80; Total Time: 1216.80  
Shop Order #: SH-19-0016  
Discrepancy: 2  
CO PILOTS SIDE HEAT IS INOP.  
Corrective Action: 2  
FOUND DEF AND FEET LINKAGE TO THE AIR MIXING BOX. REMOVED AND REPLACED THE LINKAGE WITH NEW LINKAGE P/N 12111-001. PER CIRRUS MODEL SR22 A.M.M. 21-20. OPS CHECK GOOD 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] DATE: 1-10-19  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221



Date: 6/20/2019; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1247.60; Total Time:  
Shop Order #: SH-19-0165, Closed: 6/21/2019  
Discrepancy: 2

AVIDYNE MFD OIL PRESSURE

Corrective Action: 2

FOUND PROBLEM TO BE SENSOR INTERFACE UNIT. REMOVED UNIT PART NUMBER A0800 SERIAL  
NUMBER 1821 AND SENT TO RADIANT POWER CORP FOR REPAIR ON THEIR ORDER NUMBER 54377  
CERTIFICATE NUMBER W9PR345Y. INSTALLED SAME UNIT AFTER REPAIR PER CIRRUS AIRCRAFT  
MAINTENANCE MANUAL CHAPTER 31. OPERATIONAL CHECK GOOD AT THIS TIME

Discrepancy: 3

#5 EGT READS LOWER. CHECK SB 2X-22-77-01 R4

Corrective Action: 3

CHECKED #5 CYLINDER AND FOUND EXHAUST HEADER CRACKED AT FLANGE. SEE ITEM #5 FOR  
DETAILS

Discrepancy: 4

INSTALL AVIATION BATTERY MINDER

Corrective Action: 4

INSTALLED BATTERY MINDER KIT IN ACCORDANCE WITH BATTERY MINDER KIT INSTALL  
INSTRUCTIONS. OPERATIONAL CHECK GOOD AT THIS TIME

Discrepancy: 5

#5 EXHAUST HEADER CRACKED

Corrective Action: 5

INSTALLED A REPAIRED #5 CYLINDER HEADER EXHAUST PART NUMBER 15070-003 REPAIRED BY  
PLANEXHAUST CORP. ON THEIR WORK ORDER # 36335 DATED 5/28/2019 APPROVAL # Q6SR742J.  
EXHAUST INSTALLED PER CIRRUS SR22 MAINTENANCE MANUAL CH. 78-10 AND CH. 72-20

Discrepancy: 6

RIGHT SIDE OF AIRCRAFT STAYS COLD.

Corrective Action: 6

REMOVED RIGHT SIDE WALL AND INSPECTED ALL AIR DUCT'S. NO LEAKS OR DEFECT'S NOTED AT  
THIS TIME. REINSTALLED SAME SIDE WALL. PER CIRRUS AMM 21-20.

Discrepancy: 7

INSTALL WHEEL PANT DEFENDER KIT

Corrective Action: 7

Installed Aviation Resources Cirrus Nose Wheel Pant Defender Kit Per installation instructions AR3010-102

Discrepancy: 8

Replace Brackett Air filter BA111 with Challenger reusable filter CPE-1178

Corrective Action: 8

Removed Brackett air filter BA-111 and installed Challenger Aviation reusable air filter I/A/W STC#SA01669CH  
dated July 3 2002, Installation Instruction Instructions #0402 dated May 5,2010 Rev.O and Instructions for  
Continued Airworthiness Dated May 5,2010 Rev.E Doc.# 4003.Challenger Air Filter must be maintained per the  
cleaning instructions for continued airworthiness per Doc. #4003 no change in weight and balance.

Discrepancy: 9

UNDER SPEED AUDIO ALERT IN HEADSET UPON LANDING

Corrective Action: 9

REMOVED AND REINSTALLED DFC90 P/N 700-00170-000 S/N M12163593 FOLLOWING REPAIR FROM  
AVIDYNE CORPORATION ON THEIR W/O 9036413.

Discrepancy: 10

NOSE GEAR PUCK DOWN BUMPER WORN AND NEEDS REPLACED

Corrective Action: 10

REMOVED AND REPLACED NOSE GEAR BUMPER WITH NEW BUMPER PART #18380-001 IN

ACCORDANCE WITH CIRRUS MAINTENANCE MANUAL MODEL SR22 CHAPTER 32

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: 6-20-19  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 1/02/2020; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1278.80; Total Time: 1278.80  
Shop Order #: SH-19-0432

Discrepancy: 2

ANNUAL INSPECTION DUE.

Corrective Action: 2

COMPLIED WITH ANNUAL INSPECTION. NEXT DUE IN 12 MONTHS. SEE THIS WORK ORDER FOR  
DEFECTS.

Discrepancy: 3

AD AND TECHNICAL RESEARCH DUE.

Corrective Action: 3

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

Discrepancy: 4

INSPECT THE EMERGENCY LOCATER TRANSMITTER PER FAR 91.207(d)

Corrective Action: 4

COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATER TRANSMITTER AS REQUIRED BY  
F.A.R. 91.207(d). NEXT DUE IN 12 CALENDER MONTHS

Discrepancy: 5

INDUCTION AIR FILTER DUE CLEAN

Corrective Action: 5

REMOVED AND CLEANED INDUCTION AIR FILTER. DRIED AND OILED. REINSTALLED AIR FILTER.  
REMOVED AND INSTALLED IN ACCORDANCE WITH CIRRUS MODEL SR22 AND SR22T AIRCRAFT  
MAINTENANCE MANUAL CHAPTER 71. NEXT DUE IN 200 HOURS OR 12 MONTHS

Discrepancy: 6

HAND HELD FIRE EXTINGUISHER DUE ANNUAL INSPECTION

Corrective Action: 6

ANNUAL INSPECTION OF FIRE EXTINGUISHER COMPLETED BY PRIORITY ONE FIRE AND SECURITY  
LLC. NO DEFECTS NOTED AT THIS TIME, NEXT DUE IN 12 MONTHS

Discrepancy: 7

MAIN BATTERY FAILED CAPACITY TEST AT 18%

Corrective Action: 7

REMOVED AND REPLACED BATTERY WITH NEW BATTERY PART NUMBER 7243-16. ACTIVATED IN  
ACCORDANCE WITH TELEDYNE BATTERY PRODUCTS INSTRUCTIONS, ACTIVATION, CHARGING AND  
CONTINUED AIRWORTHINESS FOR DRY CHARGED LEAD ACID BATTERIES. INSTALLED ONTO  
AIRCRAFT IN ACCORDANCE WITH CIRRUS MODEL SR22 AND SR22T AIRCRAFT MAINTENANCE  
MANUAL CHAPTER 24

Discrepancy: 8

RIGHT BRAKE CALIPER REQUIRES REPAIR DUE TO OVERHEAT

Corrective Action: 8

REMOVED AND REPLACED BRAKE CALIPER O-RINGS AND TEMPERATURE INDICATORS IN  
ACCORDANCE WITH CIRRUS AIRCRAFT MAINTENANCE MANUAL 32-42

Discrepancy: 9

NOSE WHEEL CASTER TO TIGHT NOMINAL 20-25 POUNDS FAILS ABOVE 32 POUNDS IN BOTH  
DIRECTIONS

Corrective Action: 9

ADJUSTED NOSE WHEEL CASTER IN ACCORDANCE WITH CIRRUS AIRCRAFT MAINTENANCE MANUAL  
32-20

Discrepancy: 10

CHECK FLIGHT CONTROL TRAVELS AND CABLE TENSIONS

Corrective Action: 10

CHECKED FLIGHT CONTROL TRAVELS AND CABLE TENSIONS. NO DEFECTS NOTED AT THIS TIME.  
WORK DONE IN ACCORDANCE WITH CIRRUS MODEL SR22 AND SR22T AIRCRAFT MAINTENANCE  
MANUAL 06-00

Discrepancy: 11

REMOVE AND REPLACE FOAM DOOR SEALS.

Corrective Action: 11

INSPECTED AND FOUND TO BE SERVICEABLE AT THIS TIME

Discrepancy: 12

SECURE PILOT SIDE INTERIOR PANEL

Corrective Action: 12

REMOVED OLD DUAL LOCK STACKS AND REPLACED WITH NEW

Discrepancy: 13

FUEL PANEL JUST O/B OF RIGHT LANDING IS LEAKING.

Corrective Action: 13

REMOVED OLD SEALANT. MIXED AND APPLIED NEW SEALANT TO PANEL. LET DRY. REFUELED PLANE  
AND LEAK CHECKED. NO DISCREPANCIES NOTED AT THIS TIME. WORK DONE IN ACCORDANCE WITH  
CIRRUS MODEL SR22 AND SR22T AIRCRAFT MAINTENANCE MANUAL CHAPTER 57

Discrepancy: 14

AD 2019-13-03 TRIG AVIONICS

Corrective Action: 14

AD 2019-13-03 TRIG AVIONICS DOES NOT APPLY. EQUIPMENT NOT INSTALLED

Discrepancy: 15

CIRRUS SB 2X-34-29 PITOT AND TKS LINE ROUTING INSPECTION

Corrective Action: 15

COMPLIED WITH SB 2X-34-29 BY INSPECTING PI TOT STATIC AND TKS LINE ROUTING IN LEFT HAND  
WING FOR CORRECT ROUTING. NO DEFECTS NOTED AT THIS TIME. ALSO N828DT NOT FIKI  
AIRCRAFT. NO FURTHER ACTION REQUIRED

Discrepancy: 16

CIRRUS SB 2X-71-32 TCM SB 18-08 ENGINE CYLINDERS

Corrective Action: 16

NOT APPLICABLE. TCM CYLINDERS NOT INSTALLED

Discrepancy: 17



TKS SYSTEM LINE B NUT LOOSE JUST AFT OF PROP  
Corrective Action: 17  
RE SECURED TKS SYSTEM LINE IN ACCORDANCE WITH CIRRUS AIRCRAFT MAINTENANCE MANUAL 30-60  
Discrepancy: 18  
SERVICE TKS FLUID RESERVOIRS.  
Corrective Action: 18  
SERVICED TKS FLUID RESERVOIRS IN ACCORDANCE WITH CIRRUS AIRCRAFT MAINTENANCE MANUAL 12-10  
Discrepancy: 19  
SB 2X-05-02 INDUCTION FLAPPER BOLT DUE REPLACEMENT  
Corrective Action: 19  
COMPLIED WITH SB 2X-05-02 INDUCTION FLAPPER BOLT DUE REPLACEMENT BY REPLACING BOLT WITH NEW BOLT PART NUMBER AN3-34  
The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected & Repaired in accordance with current regulations of the Federal Aviation Administration and Approved 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: Paul D. Haddad DATE: 1-2-20  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

Date: 11/19/2020; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1335.60; Total Time: 1335.60; Shop Order #: SH-20-0339, Closed: 11/19/2020  
Discrepancy: 2  
FAR 91.411 IS DUE ON PILOTS AVIDYNE PFD  
Corrective Action: 2  
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 PER AVIDYNE SERVICE BULLETIN DOCUMENT NUMBER 601-00006-040 AND CIRRUS SR22 AMM 34-10-00 ON AVIDYNE PILOTS PFD PART NUMBER 700-0006-000 SERIAL NUMBER D1315. TESTED TO 20,000 FEET ON THIS DATE 11-19-2020. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT USING A LAVERSAB MODEL 6250. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY  
Discrepancy: 3  
FAR 91.411 IS DUE ON PILOTS UNITED STANDBY ALTIMETER.  
Corrective Action: 3  
PERFORMED FAR 91.411 IN ACCORDANCE WITH APPENDIX E TO PART 43 ON UNITED INSTRUMENTS INC. PILOTS STANDBY ALTIMETER PART NUMBER 5934D-3 SERIAL NUMBER 448747. TESTED TO 20,000 FEET ON THIS DATE 11-19-2020. COMPLIED WITH AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT USING A LAVERSAB MODEL 6250. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY.  
Discrepancy: 4  
FAR 91.413 IS DUE ON GARMIN GTX 335 TRANSPONDER.  
Corrective Action: 4  
PERFORMED FAR 91.413 IN ACCORDANCE WITH APPENDIX F TO PART 43 ON GARMIN MODEL GTX-335 TRANSPONDER PART NUMBER 011-03300-00 SERIAL NUMBER 3EE001691. TEST WAS COMPLETED USING A TR-220. SYSTEM OPERATIONAL CHECK PERFORMS SATISFACTORY.  
Discrepancy: 5  
STATIC SYSTEM LEAK CHECK DUE  
Corrective Action: 5  
PERFORMED STATIC SYSTEM PRESSURE TEST. EQUIPMENT USED WAS A LAVERSAB MODEL 6250. SYSTEM OPERATION PERFORMS SATISFACTORY. WORK DONE IN ACCORDANCE WITH FAR PART 43 APPENDIX E AND CIRRUS MAINTENANCE MANUAL  
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: James B. B... Dated: 11-19-2020  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 11/19/2020; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1335.60; Total Time: 1335.60; Shop Order #: SH-20-0338  
Discrepancy: 2  
ELT BATTERY DUE TIME CHANGE.  
Corrective Action: 2  
INSTALLED NEW DURACELL D BATTERIES IN THE ELT IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 25-60. OPERATIONAL TEST GOOD PER FAR 91.207(d). NEXT DUE CHANGE NOVEMBER 2022  
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: Paul D. Haddad Dated: 11-19-2020  
Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

Date: 3/01/2021; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1357.80; Total Time: 1357.80  
Shop Order #: SH-21-0021  
Discrepancy: 2  
ANNUAL INSPECTION DUE.  
Corrective Action: 2  
COMPLIED WITH ANNUAL INSPECTION. NEXT DUE IN 12 MONTHS. SEE THIS WORK ORDER FOR DEFECTS.  
Discrepancy: 3  
AD AND TECHNICAL RESEARCH DUE.  
Corrective Action: 3  
COMPLIED WITH THE AD RESEARCH UP TO THE DATE OF THIS ANNUAL INSPECTION.  
Discrepancy: 4  
INSPECT THE EMERGENCY LOCATER TRANSMITTER PER FAR 91.207(d)  
Corrective Action: 4  
COMPLIED WITH THE INSPECTION OF THE EMERGENCY LOCATER TRANSMITTER PART NUMBER E-01 SERIAL NUMBER 054054 AS REQUIRED BY F.A.R. 91.207(d). NEXT DUE IN 12 CALENDER MONTHS.  
BATTERY DUE DATE IS NOVEMBER 2022  
Discrepancy: 5  
DE-ICE FLUID SYSTEM FILTER DUE TIME CHANGE  
Corrective Action: 5  
REMOVED AND REPLACED DE-ICE FLUID FILTER WITH NEW FILTER PART NUMBER 26115-101 AND NEW O-RINGS PART NUMBER 15164-092B IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 30-05. LEAK CHECK GOOD. NEXT DUE CHANGE IN 24 MONTHS.  
Discrepancy: 6  
#2 BATTERIES DUE TIME CHANGE  
Corrective Action: 6  
REMOVED AND REPLACED THE NUMBER TWO BATTERIES WITH NEW BATTERIES PART NUMBER 50979-001 IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 24-30. OPERATIONAL CHECK GOOD. NEXT DUE IN 24 MONTHS  
Discrepancy: 7  
INDUCTION AIR FILTER DUE CLEANING  
Corrective Action: 7  
CLEANED AND OILED INDUCTION AIR FILTER IN ACCORDANCE WITH K&N AIR FILTER CLEANING INSTRUCTIONS. AIR FILTER PART NUMBER CPE-1178  
Discrepancy: 8  
FIRE EXTINGUISHER DUE ANNUAL INSPECTION  
Corrective Action: 8  
FIRE EXTINGUISHER ANNUAL INSPECTION COMPLIED WITH BY PRIORITY ONE FIRE AND SECURITY, LLC. SEE THEIR INVOICE FOR DETAILS. FIRE EXTINGUISHER PART NUMBER A344 SERIAL NUMBER D-00363174. NEXT DUE IN 12 MONTHS  
Discrepancy: 9  
OXYGEN BOTTLE DUE HYDROSTATIC TEST  
Corrective Action: 9  
REINSTALLED PRECISE FLIGHT INC. OXYGEN BOTTLE 22CF PART NUMBER 026N0010-1 AND 4 OUTLET REGULATOR ASSEMBLIES PART NUMBER 025N0010-4 AFTER OVERHAUL BY PRECISE FLIGHT INC WORK ORDER NUMBER 113974. SERVICE OXYGEN BOTTLE. FLOW CHECK AND OPERATIONAL CHECK OK THIS DATE  
Discrepancy: 10  
NO HEAT ON CO PILOT SIDE  
Corrective Action: 10  
TROUBLE SHOT AND FOUND HOSES DETACHED. REATTACHED HOISING AND SECURED. OPERATIONAL AND LEAK CHECK GOOD, NO DEFECTS NOTED AT THIS TIME. WORK DONE IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL CHAPTER 21  
Discrepancy: 11  
CIRRUS SB2X-32-19R3 NOSE GEAR UPPER GUSSET PLATE AND ATTACHMENT POINT VISUAL INSPECTION  
Corrective Action: 11  
COMPLIED WITH CIRRUS SB2X-32-19R3 NOSE GEAR UPPER GUSSET PLATE AND ATTACHMENT POINT VISUAL INSPECTION. NO DEFECTS NOTED. NEXT DUE IN 100 HOURS OR 12 MONTHS  
Discrepancy: 12  
RIGHT HAND BRAKE CALIPER OVER HEATED  
Corrective Action: 12  
REMOVED CALIPER AND INSPECTED, REPLACED O RINGS AND FILLED WITH 5606, REINSTALLED ONTO AIRCRAFT, REPLACED OVERHEAT STICKERS. LEAK AND OPERATIONAL CHECK GOOD, NO DEFECTS NOTED AT THIS TIME. WORK DONE IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL CHAPTER 32  
Discrepancy: 13  
#1 ALTERNATOR LIGHT NOT WORKING PROPERLY  
Corrective Action: 13  
R&R LOGIC MODULE WITH NEW MODULE. P/N 14610-002 PER CIRRUS M/M CHAPTER 24. GROUND RAN AIRCRAFT OPS CHECK GOOD AT THIS TIME.  
The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected & Repaired in accordance with current regulations of the Federal Aviation Administration and Approved 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: Paul D. Haddad DATE: 3-01-2021  
Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725



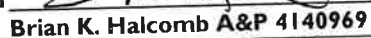




DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
N828DT AIRFRAME 06/27/2023	Cirrus SR-22 S/N: 1648	Hobbs: 1725.5 TTAF: 1725.5	WO: 8739	<p>Complied with an annual/100 hour inspection in accordance with FAR 43.13 Appendix D, using the Cirrus SR22 inspection check list as a guide. Performed operational check of engine and related systems. Checked interior and exterior lighting. Lubed airframe IAW Cirrus maintenance manual ATP 12-20-00. Replaced TKS filter P/N: 26115-101, NEXT DUE: 06/2025. Replaced #2 batteries P/N: 50979-001, NEXT DUE: 06/2025. Serviced wheels, tires, brakes and brake master cylinder. Checked flight controls for security and travel. Serviced and inspected ELT in accordance with FAR 91.207. Replaced ELT batteries P/N: MN-1300, ELT batteries next due 06-2025.</p> <p>C/W Concorde battery ICA Capacity Test. Discharged battery at the C1 rate to an end point voltage of 20 volts. Battery passed capacitance test at 110.4%.</p> <p>C/W Garmin 400W Series ICA. Reference Garmin Document# 190-00356-65, Revision A.</p> <p>AD 98-05-06 ACS Ignition Switches (effective date 04/29/1993) Due upon reaching 2000 hours TIS.</p> <p>AD 2006-21-03 Brake overheating (effective date 11/17/2006) C/W by replacement of temperature indicators and Orings in both calipers. Next due if temperature indicator turns black.</p> <p>ADs checked for compliance through 2023-13 See AD Compliance report dated 06/27/2023.</p> <p>CAPS Rocket Motor Assembly Due: 09/2025</p> <p>CAPS Parachute Due: 09/2025</p> <p>CAPS Reefing Line Cutters Due: 06/2023</p> <p>Inflatable Restraint System Due: 10/2029</p> <p>I certify this aircraft has been inspected in accordance with an annual/100 hour inspection and was found to be in airworthy condition. END</p> <p><i>Michael E. Goss</i> Michael E. Goss A&amp;P 3077585 IA</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>
<p style="text-align: center;"><b>Thoroughbred Aviation Maintenance, Inc.</b> <b>Airframe</b></p>				
Date: 7/10/2023 Type: Cirrus SR22 AC N #: N828DT Engine TT: UA Prop: UA	WO: 233340 AC SN: 1648 Engine: UA Prop SN: UA	Hobbs: 1733.6 Eng. SN: UA Prop TT: UA		
<p>1. Removed Reef Line Cutters P/N 26707-001 &amp; S/N's 11047 &amp; 11131. Installed New Reef Line Cutters P/N 26707-001 &amp; S/N's 22623 &amp; 22625. MFG Date: 05/23. Expires 05/29.</p> <p>2. Found Crew &amp; Passenger seats installed incorrectly. Removed &amp; Reinstalled Crew &amp; Passenger correctly.</p> <p style="text-align: center;">-----End-----</p> <p>I state this Airframe has been inspected/repared/serviced utilizing Cirrus SR22 AMM, Cirrus CMM &amp; applicable FARs and was found to be okay for service.</p>				
<b>MAINTENANCE RELEASE</b>				
<p>The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under <b>Work Order: 233340</b></p> <p>Date: 7/10/2023 N# N828DT Signed: <i>Aaron D Hisle</i> CRS: R81R199Y</p>				
N828DT Airframe 10-06-2023	Cirrus SR22 S/N: 1648	WO: 8810 Hobbs: 1809.2		
<p>Replaced left and right MLG tires with P/N 072-449-0 (AO# 7612619), and tubes with P/N GL-1520B (AV# 9314843616).</p> <p><i>B. K. Halcomb</i> Brian K. Halcomb A&amp;P 4140969</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>				
N828DT Airframe 10-17-2023	Cirrus SR22 S/N: 1648	WO: 8815 Hobbs: 1815.6		
<p>Removed and replaced EGT probe #3 with new P/N 16579-002 (TB17314). Completed engine runup. Operational check okay. END.</p> <p><i>Aaron D Hisle</i> Aaron D Hisle A&amp;P 3823683</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>				

DATE	RECORDER	TOTAL TIME	LDGS/CUC	ACTION TAKEN
N828DT AIRFRAME 11/10/2023	Cirrus SR-22 S/N: 1648	Hobbs: 1835.7 AFTT: 1835.7	WO: 8831	<p>Replaced nose wheel bearings and races with new P/N: 08125-20629 and 08231-20629 respectively. Balanced nose tire assembly. Adjusted nose wheel fork tension. END</p> <p><i>Michael E. Goss</i> Michael E. Goss A&amp;P 3077585</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>
N828DT AIRFRAME 07/26/2024	Cirrus SR-22 S/N: 1648	Hobbs: 1887.2 TTAF: 1887.2	WO: 8990	<p>Complied with an annual/100 hour inspection in accordance with FAR 43.13 Appendix D, using the Cirrus SR22 inspection check list as a guide. Performed operational check of engine and related systems. Checked interior and exterior lighting. Lubed airframe IAW Cirrus maintenance manual ATP 12-20-00. Serviced wheels, tires, brakes and brake master cylinder. Replaced all brake linings with new P/N: 066-10500. Resealed both brake calipers using MS28775-222 Orings. Replaced all 4 caliper temperature indicator stickers. Bled both brake systems and serviced brake reservoir with 5606. Replaced right aileron gap seal. Checked flight controls for security and travel. Serviced and inspected ELT in accordance with FAR 91.207. ELT batteries next due 06-2025.</p> <p>C/W Concorde battery ICA Capacity Test. Discharged battery at the C1 rate to an end point voltage of 20 volts. Battery passed capacitance test at 98.4%.</p> <p>C/W Garmin 400W Series ICA. Reference Garmin Document# 190-00356-65, Revision A.</p> <p>AD 98-05-06 ACS Ignition Switches (effective date 04/29/1993) Due upon reaching 2000 hours TIS.</p> <p>AD 2006-21-03 Brake overheating (effective date 11/17/2006) C/W by replacement of temperature indicators and Orings in both calipers. Next due if temperature indicator turns black.</p> <p>ADs checked for compliance through 2024-14 See AD Compliance report dated 07/26/2024.</p> <p>CAPS Rocket Motor Assembly Due: 09/2025</p> <p>CAPS Parachute Due: 09/2025</p> <p>CAPS Reefing Line Cutters Due: 05/2029</p> <p>Inflatable Restraint System Due: 10/2029</p> <p>I certify this aircraft has been inspected in accordance with an annual/100 hour inspection and was found to be in airworthy condition. END</p> <p><i>Michael E. Goss</i> Michael E. Goss A&amp;P 3077585 IA</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>
N828DT AIRFRAME 08/12/2025	Cirrus SR-22 S/N: 1648	Hobbs: 1944.5 TTAF: 1944.5	WO 9222	<p>Complied with an annual/100 hour inspection in accordance with FAR 43.13 Appendix D, using the Cirrus SR22 inspection check list as a guide. Performed operational check of engine and related systems. Checked interior and exterior lighting. Lubed airframe IAW Cirrus maintenance manual ATP 12-20-00. Serviced wheels, tires, brakes and brake master cylinder. Serviced brake reservoir with 5606. Checked flight controls for security and travel. Serviced and inspected ELT in accordance with FAR 91.207. ELT batteries next due 08-2027. Replaced six (6) nose landing gear pucks P/N: 13386-1. Replaced #2 batteries P/N: 50979-001. Next due 08/2027. Replaced TKS filter P/N: 26115-101. Next due 08/2027. Replaced both main landing gear tires P/N: 156E61-3 and tubes P/N: GL-1520B.</p> <p>C/W Concorde battery ICA Capacity Test. Discharged battery at the C1 rate to an end point voltage of 20 volts. Battery passed capacitance test at 98.4%.</p> <p>C/W Garmin 400W Series ICA. Reference Garmin Document# 190-00356-65, Revision A.</p> <p>AD 98-05-06 ACS Ignition Switches (effective date 04/29/1993) Due upon reaching 2000 hours TIS.</p> <p>AD 2006-21-03 Brake overheating (effective date 11/17/2006) C/W by replacement of temperature indicators and Orings in both calipers. Next due if temperature indicator turns black.</p> <p>ADs checked for compliance through 2025-16 See AD Compliance report dated 08/12/2025.</p> <p>CAPS Rocket Motor Assembly Due: 09/2025</p> <p>CAPS Parachute Due: 09/2025</p> <p>CAPS Reefing Line Cutters Due: 05/2029</p> <p>Inflatable Restraint System Due: 10/2029</p> <p>I certify this aircraft has been inspected in accordance with an annual/100 hour inspection and was found to be in airworthy condition. END</p> <p><i>Michael E. Goss</i> Michael E. Goss A&amp;P 3077585 IA</p> <p>Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633</p>



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THOROUGHbred AVIATION MAINTENANCE, INC.  
4316 HANGAR DRIVE  
LEXINGTON, KY 40510  
CRS#R81R199Y

SYSTEM TEST DATE: 04/NOV/2025 WORK ORDER #: A25227 TACH: ----- HOBBS: 1968.2

AIRCRAFT REG #: N828DT AIRCRAFT SERIAL #: 1648

AIRCRAFT MAKE/MODEL: CIRRUS SR22

I HEREBY CERTIFY THAT THE ALTIMETER, ENCODER, AND STATIC SYSTEM TESTS REQUIRED BY 14CFR 91.411 HAVE BEEN PERFORMED AND MEET SPECIFICATIONS SET FORTH IN 14CFR 43 APPENDIX E.

#1 PFD ADC TESTED TO 20,000 FEET  
#2 STBY ALT TESTED TO 20,000 FEET

#1 ENCODER TESTED TO 20,000 FEET

I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY 14CFR 91.413 WAS PERFORMED AND FOUND TO COMPLY WITH 14CFR 43, APPENDIX F.

#1 TRANSPONDER MAKE: GARMIN MODEL: GTX 335 SERIAL #: 3EE001691

TESTED BY: *[Signature]*

CERT #: 4117846

Form TAM021-03/24





Thoroughbred Aviation Maintenance, Inc.

CRS: R81R199Y

Airframe

Date: 11/11/2025

A/C Type: Cirrus SR22

A/C N #: N828DT

WO #: F25222

A/C S/N: 1648

Hobbs: 1968.4

1. Removed CAPS Rocket P/N: 29554-001, S/N: 1164. Installed New CAPS Rocket P/N: 29554-405, S/N: 1150. Rocket Assy **Expiration Date 07/30/2035.**
2. Removed CAPS Parachute Assy P/N: 25574-004-REB Rev. C, S/N: 01371R1. Cleaned & Prepped CAPS Bucket for new Rocket/Parachute Assemblies. Inspected area and new Assemblies before installation. Installed New Parachute Assy P/N: 25337-005, S/N: FEC1726 Parachute Assy **Repack Date 07/30/2035.**
3. **C/W Cirrus SB2X-95-31R3 (all section that applied.)**
4. Removed & Reinstalled Reef Line Cutters P/N: 26707-001 & S/N's: 22623 & 22825. MFG Date: 05/23, IAW Cirrus SR22 CMM 95-01-01 (3)(A)(1)(2). **Expires 05/2029.**

-----End-----

I state this Airframe has been inspected/repaid/serviced utilizing Cirrus SR22 AMM, Cirrus SR22 CMM & applicable FARs and was found to be okay for service.

**MAINTENANCE RELEASE**

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under **Work Order: F25222**

Date: 11/11/2025

Signed:

CRS: R81R199Y





Thoroughbred Aviation Maintenance, Inc.  
FAA CRS# R812199Y  
Airframe

Date: NOVEMBER 22, 2025,  
AC: N828DT

Type: CIRRUS SR 22

WO: P25004

AC SN: 1648 - YEAR 2005

Hobbs: 1969.3

ACTT:

1. All phases of masking, Primed and filled top of rh wing, applied high build CMO468981 primer as needed.
2. Applied aircraft topcoat finishes to match existing paint scheme. Axalta AF700 868077 WHITE & AF740 CLEARCOAT. Reapplied necessary exterior fuel placard.
3. All refinishing work performed referencing CIRRUS SR 22 M.M. and AC43.13-1B Chapter 6, Section 3.

-----End-----

I certify this aircraft finish has been repaired utilizing CIRRUS SR 22 Technical Publications, AC43.13-1B, applicable FARs and was found to be in Airworthy Condition.

**MAINTENANCE RELEASE**

The aircraft identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. "Pertinent" details of the repair are on file at this agency under Work Order: P25004 Date: NOVEMBER 22, 2025

Signed:

*Ben J. Bell*

For CRS# R812199Y

TEAM  
#012