

Logbook #1 Closed 8/1/14

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp. MODEL SR22 DATE OF MFG. October 2005
SERIAL NUMBER SR221648 REGISTRATION NUMBER N828DT

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

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

AIRWORTHINESS DIRECTIVE /FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

ALTIMETER & STATIC SYSTEM CHECKS

[illegible]

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

N 828DT S/N 1648

THIS IS A PERMANENT LOGBOOK ENTRY. PERFORMED GROUND CHECKS OF THE
TAWS SYSTEM IAW THE HONEYWELL KBPS60 MANUAL. CHECKS
GOOD. _____ END _____

GENERAL AVIATION MAINTENANCE RELEASE, THE ABOVE IDENTIFIED
(X) AIRCRAFT () APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE
WITH THE CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN
TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION
UNDER:

WORK ORDER NO. 24869 DATE 1-26-06

SIGNED [Signature]

CRS:KD6R661N

N 828DT S/N 1648

DATE _____

WORK ORDER NO. 26839 DATE 5-8-07
SIGNED [Signature]
CRS:KD6R661N

N 828DT S/N 1648

REMOVED LOANER GNS 43D P/N 011-00280-10
S/N 97102391 AND INSTALLED WARRANTY FACTORY
REPAIRED UNIT P/N 011-00280-10 S/N 97129955
ALL GROUND TESTS PASSED IAW GARMIN GNS
43D INSTALLATION MANUAL

GENERAL AVIATION MAINTENANCE RELEASE, THE ABOVE IDENTIFIED
(X) AIRCRAFT () APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE
WITH THE CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN
TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION
UNDER:

WORK ORDER NO. 26855 DATE 7-10-07
SIGNED [Signature]
CRS:KD6R661N

BY:
CERT. NO.

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

THIS IS A PERMANENT LOGBOOK ENTRY – PERFORMED TEST & INSPECTIONS IAW FAR 43, APPENDIX E TO COMPLY WITH 91.411; APPENDIX F TO COMPLY WITH FAR 91.413

STATIC SYS #1 TEST ALT 20K STATIC SYS #2 TEST ALT STATIC SYS #3 TEST ALT

	<u>MANUF.</u>	<u>MODEL</u>	<u>PART #</u>	<u>S/N</u>	<u>TESTED TO ALT</u>
ALTIMETER #1	Aidyne	EXP 5000	700-00006-00	24735114	20K
ADC/ENCODER #1	ACK	20K	A-30	97611	20K
ALTIMETER #2	United	20K	5934D-3	4133126	20K
ADC/ENCODER #2	/	/	/	/	/
ALTIMETER #3	/	/	/	/	/
TRANSPONDER #1	Garmin	GTX 327	011-00490-00	83721416	
TRANSPONDER #2	/	/	/	/	

PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W/O # 30709 ACTT 457.1
AUTH. SIGNATURE Chapman DATED 4-6-10 RECERT DUE DATE 4-2012 N 828DT
KINGS AVIONICS, INC. SALT LAKE CITY, UT CRS: KD6R661N FORM KA-12

RADIO & ELECTRONIC CHECKS

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

Kings Avionics, Inc. 237 NORTH 2370 WEST SALT LAKE CITY, UTAH 84116 KD6R661N
LOG ID# 2613 18-March-2010 WO# 30709/1 REF# 30709
N823DT S/N 1648 CIRRU SR22

Pg 1/1

THIS IS A PERMANENT LOGBOOK ENTRY :

ITEM - 30709-L FAR CERTS 91.411 & 91.413 DUE
DISCREPANCY: FAR CERTS 91.411 & 91.413 DUE

ACTION: I certify that this aircraft N828DT has been inspected I.A.W. 14CFR part 43 appendix E and I so comply with 14 CFR parts FAR 91.411 & 91.413 and was determined to be in an airworthy condition at this time.

GENERAL AVIATION MAINTENANCE RELEASE --- THE AIRCRAFT/APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK ORDER #30709-1.

S 1411

Date _____

which referred to stability and other terms and/or conditions established by the Commission for the Utilization of the Convention¹ issued the Commission on the Contract for the International Control of Quotas by Road (the "CAIT Convention") in 1954, in accordance with the Export Administration Regulations. Division country 213 is the prohibition of United States exports.

MAINTENANCE RECORD

F.A.R. 43.9

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

MAKE: Cirrus
MODEL: SR22-G2
S/N: 22-1648
REG. NO: 828DT
WORK ORDER:
4978-10-2005



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3101

DATE: 10/21/2005
A/C TSN: 4
HOBS: 4

Airframe Entries

(1) 35-10: Installed a semi-portable oxygen system manufactured by Precise Flight Inc. IAW STC # SA01232SE. Updated Weight & Balance and inserted supplement concerning this installation in Pilot's Operating Handbook. Reference FAA forms 337 dated 10-21-2005 & 8130-3 dated 09-29-2005 for details.

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: 10/21/2005

SIGNED:

Work Order: 4978-10-2005

Ross Sarkela
Certified Repair Station No. YD5R855Y

Printed by EBIS 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22-G2
S/N: 22-1648
REG. NO: 828DT
WORK ORDER:
4997-10-2005



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3101

DATE: 10/25/2005
A/C TSN: 0.7
HOBS: 4.7

Airframe Entries

(1) Performed magnetometer calibration IAW AMM chapter 34-15. Functional check satisfactory. ... (2) Cleaned and resealed connector P 528 at the MFD IAW AMM chapter 34-40. Functional check satisfactory. ... (3) Tightened XM antenna cable at the receiver IAW AMM chapter 34-40. Functional check satisfactory. ... (4) Flight test satisfactory on 10-25-2005 by Rob Haig.

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: 10/25/2005

SIGNED:

Work Order: 4997-10-2005

Steve Lanthier
Certified Repair Station No. YD5R855Y

Printed by EBIS 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

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

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 13371

Keystone Aviation

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 1/27/2006
A/C TSN: 49.7
HOBBS: 49.7

Airframe Entries

LH INTERIOR PANEL BEHIND PILOT SEAT REMOVED AND REPLACED WITH NEW PANEL ASSY P/N 20334-004 AND ARMREST P/N 20422-003.
CO-PILOTS SUNVISOR ARM REMOVED AND REPLACED WITH NEW ARM ASSY P/N 15050-103. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 1/27/2006

SIGNED:

Mark A. French

Work Order: 13371

mifrench
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

Date: April 28, 2006
Hobbs: 111.4

N828DT

Changed oil and filter. Serviced with Exxon Elite.

Mark Ulschmid A&P 473629783

Mark Ulschmid

MAINTENANCE RECORD

F.A.R. 43.9

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

Cirrus SR22 N828DT

Tach 200.8 Sept 4, 2006

Oil Change Exxon Elite Filter-changed
CH48108-1. Wash engine Cowling Cleaned
Fuselage.

Joshua Munger
A#P1744682

GATE 9 AIRCRAFT MAINT.

1940 International Way
IDAHO FALLS, IDAHO 83402

MAINTENANCE RECORD

F.A.R. 43.9

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

KINGS AVIONICS INC. 176 NORTH 2200 WEST SALT LAKE CITY, UT 84116 CRS# KD6R661N
LOG ID# 977 30-November-2006 WO# 26220/1 REF# 26220
N828DT S/N 1648 CIRRUS SR22

Pg 1 / 1

THIS IS A PERMANENT LOGBOOK ENTRY :

Performed pitot static system leak test in accordance with FAR 43, Appendix E(a). Performed initial setup, mag-cal in accordance with Avidyne Entegra Installation Manual. No defects noted.

GENERAL AVIATION MAINTENANCE RELEASE---THE AIRCRAFT/APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK ORDER #26220.

Matthew Drake 11/30/06
Signed KD6R661N MATTHEW G. DRAKE Date

MAINTENANCE RECORD

F.A.R. 43.9

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

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 14974

Keystone Aviation

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 12/1/2006
A/C TSN: 289
HOBBS: 289

Airframe Entries

AIRCRAFT ANNUAL INSPECTION C/W PER CIRRUS DESIGN INSPECTION CHECKLIST 05-20. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME... ELT OPERATIONAL CHECKED SATISFACTORY IAW FAR 91.207.D. BATTERY EXPIRATION DATE 3-12.... AD SEARCH C/W USING ATP REVISION 12/01/06.... LEFT BRAKE CALIPER RE-SEAL COMPLETED. INSTALLED NEW O-RINGS, PN M83461-1-222. BLEED LH BRAKE. LEAK AND OPERATIONAL CHECKED SATISFACTORY.... RIGHT BRAKE CALIPER RE-SEAL COMPLETED. INSTALLED NEW O-RINGS, PN M83461-1-222. BLEED RH BRAKE. LEAK AND OPERATIONAL CHECKED SATISFACTORY.... CO-PILOTS SEAT BELT SHOULDER HARNESS REMOVED FROM SEAT, UN-TWISTED AND RE-INSTALLED. OPERATIONAL CHECK SATISFACTORY.... RUBBER TRIM ON LT/RT CABIN DOORS NEAR DOOR GAS STRUTS, REINSTALLED. OPERATIONAL CHECK SATISFACTORY.... CO-PILOTS MAP LIGHT BULB REMOVED. CHECKED AND FOUND OK. FOUND INTERMITTENT SHORT IN LIGHT SOCKET ASSEMBLY. OPERATIONAL CHECK SATISFACTORY.... AD 2006-07-06 TO DETECT AND CORRECT INTERMITTENT SHORT IN LIGHT SOCKET WIRE BUNDLES C/W PER CIRRUS SERVICE BULLETIN 2X-28-04 R1 BY INSTALLATION OF KIT P/N 70133-001. EFFECTIVE DATE 06/11/06.... AD 2006-21-03 TO DETECT, CORRECT AND PREVENT OVERHEATING DAMAGE TO THE BRAKE CALIPER PISTON O-RINGS C/W BY RE-SEALING. PREVENT CREW SEATS FROM FOLDING FORWARD DURING AN EMERGENCY LANDING C/W BY INSTALLATION OF KIT P/N 17063-002 PER SB PT1042NE, WHERE IT WAS REBUILT AND UPGRADED TO CHANGE 6 AND APPROVED FOR RETURN TO SERVICE UNDER THEIR WO# RA22909 DATED 11/21/2006. REINSTALLED PFD. CONCURRENTLY C/W AVIADYNE SERVICE BULLETIN 601-00004-056 REV. 02 (EX5000 SAVE AND RESTORE UTILITY) AND AVIADYNE SERVICE BULLETIN 601-00004-030 REV. 07 (EX5000C SOFTWARE UPGRADE, SOFTWARE P/N 530-00180-100 REV. 02). OPERATIONAL CHECKS SATISFACTORY.... AILERON CABLE TENSION ADJUSTED IN REFERENCE TO CIRRUS MM 27-10. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 12/1/2006

SIGNED:

Mark A. French
mfrench
Certified Repair Station No. K5SR339N

Work Order: 14974

Printed by EBis 3 (datamedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE: CIRRUS MODEL: SR22 S/N: 1648 REG. NO: N828DT WORK ORDER: 14983	Keystone Aviation Repair Station No. K5SR339N 303 N 2370 W Salt Lake City, Utah 84116 Phone: 801 359-2085	DATE: 11/27/2006 A/C TSN: 289 HOBBS: 289	
Airframe Entries LANDING LIGHT LENS AND RETAINER REMOVED AND REPLACED WITH NEW LENS AND RETAINER P/N 17299-001. FORWARD DE-ICE FITTING AND LINE ON FORWARD BAFFLE ASSY SAFETIED AS REQUIRED. DE-ICE FITTINGS AND LINE ASSYS SAFETIED ON BOTTOM OF RIGHT OUTBOARD BAFFLING AS REQUIRED. RIGHT WING TWO EACH FUEL ACCESS PANELS INSPECTED. FOUND THREE LOOSE SCREWS. REMOVED SCREWS AND INSPECTED FUEL CELL NUT PLATE RECEPTALS. NO LEAKING FUEL NOTED. CLEANED SCREWS AND REINSTALLED. OPERATIONAL CHECK SATISFACTORY. REPAIRED THE CHIP IN BOND ON TOP OF DOOR OPENING SPOT. CIRRUS SERVICE BULLETIN # 2X-28-04 R1 FOR FUEL LINE CHAFFING C/W BY INSTALLATION OF KIT P/N 70133-001. CIRRUS SERVICE BULLETIN # 2X-32-14 R1 FOR MAIN LANDING GEAR FAIRING MODIFICATION C/W BY INSTALLATION OF KIT P/N 70144-001. CIRRUS SERVICE BULLETIN # 2X-25-17 R1 IS COMPLETED BY INSTALLING KIT P/N 70130-001. CIRRUS SERVICE BULLETIN # 2X-52-04 R1 FOR CABIN DOOR STRUT MODIFICATION C/W BY INSTALLATION OF KIT P/N 70168-001. KINGS AVIONICS REPAIR STATION# KD6R661N. UNDER THEIR W.O# 26166 DATED: 11/15/2006. TESTED INTERCOM. FOUND THE PASSENGER VOLUME DOWN LOW FUNCTION CHECK SATISFACTORY. The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order DATE: 11/27/2006 SIGNED: <i>Mark A. French</i> Work Order: 14983 mtfrench Certified Repair Station No. K5SR339N Printed by EBis 3 (datamedia.com)			

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		KINGS AVIONICS, INC. N 828DT S/N 1648 THIS IS A PERMANENT LOGBOOK ENTRY <i>Adjusted Garmin 6M6340</i> <i>Passenger Intercom Volume Level. Ground tests Check good.</i> <i>NO Defects Noted. - END -</i>	
GENERAL AVIATION MAINTENANCE RELEASE, THE ABOVE IDENTIFIED (X) AIRCRAFT () APPLIANCE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER: WORK ORDER NO. <u>26166-1</u> DATE <u>11-15-06</u> SIGNED <i>[Signature]</i> CRS:KD6R661N			
Date: Feb. 5, 2007 Hobbs: 307.0 N828DT Installed two new number 2 batteries, part number 50979-001. Mark Ulschmid A&P473629783 <i>Mark Ulschmid</i>			

MAINTENANCE RECORD

F.A.R. 43.9

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

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 15836

Keystone Aviation
Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 5/7/2007
A/C TSN: 327.1
HOBBS: 327.1

Airframe Entries

RIGHT FRONT POSITION LIGHT BULB REMOVED AND REPLACED WITH NEW P/N RA7512-24. LEFT REAR POSITION LIGHT BULB REMOVED AND REPLACED WITH NEW P/N 34-0428070-64, CIRRUS P/N 50911-001.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 5/7/2007

SIGNED:

Jay

Certified Repair Station No. K5SR339N

Work Order: 15836

Printed by EBis 3 (datcomedia.com)

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 15840

Keystone Aviation
Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 5/7/2007
A/C TSN: 327.1
HOBBS: 327.1

Airframe Entries

#3 CYLINDER EGT PROBE REMOVED AND REPLACED WITH NEW PROBE P/N 15554-001. OPERATIONAL CHECKED SATISFACTORY. CIRRUS SERVICE BULLETIN #SB 2X-95-09 R1 FOR CAPS STRAP ABRASION INSPECTION C/W BY INSTALLATION OF KIT P/N 70142-001. CIRRUS SERVICE BULLETIN #SB 2X-95-10 R1 FOR CAPS PICK-UP COLLAR SUPPORT REPLACEMENT C/W BY INSTALLATION OF KIT P/N 70181-001. ALTERNATE AIR BRACKET REMOVED AND REPLACED WITH NEW BRACKET P/N 15196-002.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 5/7/2007

SIGNED:

Jay

Certified Repair Station No. K5SR339N

Work Order: 15840

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

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

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 16829

Keystone Aviation
Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 2/14/2008
A/C TSN: 397.9
HOBBS: 397.9

Airframe Entries

AIRCRAFT ANNUAL INSPECTION C/W PER CIRRUS DESIGN SR22 INSPECTION CHECKLIST 05-20. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. ELT OPERATIONAL CHECK SATISFACTORY PER FAR 91.207d. BATTERY PACK EXPIRATION DATE MARCH 2012. AD SEARCH C/W USING ATP REVISION 02/08/08. LEFT BRAKE CALIPER REMOVED, CLEANED, AND RESEALED WITH NEW O-RINGS P/N M83461/1-222. REINSTALLED BRAKE CALIPER AND BLEED BRAKE SYSTEM. OPERATIONAL AND LEAK CHECK SATISFACTORY. RIGHT BRAKE CALIPER REMOVED, CLEANED, AND RESEALED WITH NEW O-RINGS P/N M83461/1-222. REINSTALLED BRAKE CALIPER AND BLEED BRAKE SYSTEM. OPERATIONAL AND LEAK CHECK SATISFACTORY. INDUCTION AIR FILTER REMOVED AND REPLACED WITH NEW FILTER P/N BA-24. #2 BATTERY 2 YEAR TIME CHANGE C/W BY INSTALLING NEW BATTERIES P/N 50979-001 (2 EACH). OPERATIONAL CHECK SATISFACTORY. TKS FILTER 2 YEAR TIME CHANGE C/W BY INSTALLATION OF NEW FILTER P/N 15165-009. LEAK CHECK SATISFACTORY. CIRRUS SERVICE BULLETIN SB2X-27-14 R3, AILERON-RUDDER INTERCONNECT MODIFICATION, C/W BY INSTALLATION OF KIT P/N 70197-001 PER SERVICE BULLETIN INSTRUCTIONS. CIRRUS SERVICE BULLETIN SB2X-52-07 R1, CABIN DOOR ROD END REPLACEMENT, C/W BY INSTALLATION OF KIT P/N 21845-001 PER SERVICE BULLETIN INSTRUCTIONS. OPERATIONAL CHECK SATISFACTORY. ONE RIVET MISSING ON SHIELD BEHIND CB PANEL INSTALLED WITH NEW CHEERY MAX RIVET. PILOTS INTERIOR DOOR AFT MOLDING ONE SCREW TIGHTENED AND SECURED. RIGHT CABIN DOOR LOWER LATCH ASSY REMOVED AND REPLACED WITH NEW LATCH P/N 20267-004. DURING DOOR REINSTALLATION, CHANGED 3 DAMAGED CABIN DOOR SCREWS P/N 50834-024 AND 1 PLASTIC SCREW FOR DOOR HANDLE P/N 486-281. DOOR OPERATIONAL CHECK SATISFACTORY. RIGHT CABIN DOOR STRUT UPPER TRIM REATTACHED TO THE DOOR WITH ADHESIVE. LEFT SIDE LOWER ENGINE COWL NLG SEAL REMOVED AND REPLACED WITH NEW SEAL P/N 20665-002. RIGHT WING FUEL ACCESS PANELS RESEALED WITH SEALANT P/N CS3204B1/2. LEAK CHECK SATISFACTORY. TROUBLESHOT #6 CHT INDICATION INOP. CHECKED #6 CHT PROBE FOR CONDITION AND OPERATION. CHECKED SATISFACTORY. CHECKED WIRING FOR CONTINUITY. CHECKED SATISFACTORY. CONTACTED CIRRUS TECH SUPPORT AND AT THERE INSTRUCTION CHANGED SIU. OPERATIONAL CHECK UNSATISFACTORY. FURTHER TROUBLESHOT. FOUND BOTH DIP SWITCHES ON OLD AND NEW SIU NOT SET.

MAINTENANCE RECORD

F.A.R. 43.9

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

CORRECTLY. REINSTALLED ORIGINAL SIU. RESET DIP SWITCHES FOR CORRECT CONFIGURATION ON SENOR INTERFACE UNIT. OPERATIONAL CHECK SATISFACTORY.... TROUBLESHOT #3 CYLINDER INOP. FOUND THAT NEW STYLE INJECTOR PREVIOUSLY INSTALLED IN #3 CYLINDER WAS NOT COMPATIBLE WITH OLD STYLE INJECTORS. REMOVED AND REPLACED FUEL INJECTORS WITH A TUNED NOZZLE KIT P/N EQ7478. OPERATIONAL AND LEAK CHECK SATISFACTORY.... BATTERY REMOVED P/N G-243 S/N G02221636. SERVICED AND INSTALLED NEW BATTERY P/N G-243 S/N G02324988. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 2/14/2008

SIGNED:

Jray

Certified Repair Station No. K5SR3394

Work Order: 16829

Printed by EBis 3 (datcomedia.com)

2 of 2

MAINTENANCE RECORD

F.A.R. 43.9

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

'Flight-Deck Avionics, LLC' 369 N. 2370 W. Suite 102, Salt Lake City, UT 84116 CRS# F62R677Y Form No. FD-009

Tail #: N828DT

Mfg: Cirrus

Model: SR22

Serial: 1648

This Is A Permanent Logbook Entry:

Performed tests and inspections in accordance with FAR 43 :

☒ Appendix E to comply with FAR 91.411
☒ Appendix F to comply with FAR 91.413

UNIT	MFG	MODEL	PART #	SERIAL #	TEST ALTITUDE
Altimeter 1	Avidyne	Entegra PFD	700-00006-000	21003365	20K
Altimeter 2	United Instru	20K	5934D-3	448747	20K
Encoder/ADC	ACK	A-30	A-30	97611	20K
Transponder 1	Garmin	GTX 327	011-00490-00	83721616	20K
Transponder 2	NA				

Details are on file at this station under work order no. 1049.

Signed:

Matth Dinkle

Date:

01/11/08

(CRS# F62R677Y)

Recertification Due:

01/2010

3-27-08	700.7	AD2008-06-28 Avidyne PFD	
		P/N 700-00006-000 N/A by S/N	7167560 1517488
4-16-08	700.7	AD2008-06-28 R1 Avidyne PFD	
		P/N 700-00006-000 N/A by S/N	7167560 1517488

F.A.R. 43.9

KINGS AVIONICS INC. 176 NORTH 2200 WEST SALT LAKE CITY, UT 84116 CRS# KD6R661N
LOG ID# 1444 08-February-2008 WO# 277971
N828DT S/N 1648 CIRRUS SR22

Pg 1 / 1

Signed KDGRUBIN Robert Carmichael

Date _____

F.A.R. 43.9

DATE: 8/6/2008
A/C TSN: 421
HOBBS: 421

SIGNED:

ray
Certified Repair Station No. K5SR332

Work Order: 17695

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>MAKE: CIRRUS MODEL: SR22 S/N: 1648 REG. NO: N828DT WORK ORDER: 17708</p> <p>Keystone Aviation Repair Station No. K5SR339N 303 N 2370 W Salt Lake City, Utah 84116 Phone: 801 359-2085</p> <p>Airframe Entries #2 CYLINDER CHT PROBE REMOVED AND REPLACED WITH NEW PROBE P/N 14880-001. RAN AIRCRAFT. OPERATIONAL CHECKED SATISFACTORY.</p> <p>The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order</p> <p>DATE: 8/8/2008 SIGNED: <i>Jimmy P. Lay</i> <small>J.P. Lay</small> <small>Certified Repair Station No. K5SR339N</small></p> <p>Work Order: 17708 Printed by EBis 3 (datamedia.com)</p>	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
16 OCT 05	3.9	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90502.</p> <p>Name: Frank Mathews Date: 16 OCT 05</p> <p>Signature: <i>Frank D. Mathews</i></p> <p>Title: Production Flight Test Pilot</p>
05/21/2005	4.0 hrs	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 05/21/2005.</p> <p>The next inspection is due 05/31/2006</p> <p><i>Loren L. Thibert</i></p> <p>LOREN L. THIBERT DMIR410173CE</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE AIRCRAFT TIME KIND OF INSPECTION - STATUS & DISCREPANCY LIST

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG NO: N828DT
WORK ORDER: 18620

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801 359-2085

DATE: 3/20/2009
A/C TSN 427.3
HOBBS: 427.3

Airframe Entries

AIRCRAFT ANNUAL INSPECTION C/W PER CIRRUS SR22 INSPECTION CHECKLIST 05-20. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... ELT OPERATIONAL CHECK SATISFACTORY PER FAR 91.207d. BATTERY PACK EXPIRATION DATE MARCH 2012.... AD SEARCH C/W USING ATP REVISION 03/11/09.... LEFT BRAKE CALIPER REMOVED AND RESEALED WITH NEW O-RINGS P/N M83461/1-222. REINSTALLED CALIPER AND BLEED BRAKE SYSTEM. LEAK CHECK SATISFACTORY.... RIGHT BRAKE CALIPER REMOVED AND RESEALED WITH NEW O-RINGS P/N M83461/1-222. REINSTALLED CALIPER AND BLEED BRAKE SYSTEM. LEAK CHECK SATISFACTORY.... INDUCTION AIR FILTER REMOVED AND REPLACED WITH NEW FILTER P/N BA-24.... ENGINE CONTROL LINKAGES INSPECTION FOR CONTINUED AIRWORTHINESS PER TCM SB95-2. CHECKED SATISFACTORY.... LT/RT WING LANDING GEAR WELLNUTS REMOVED AND REPLACED WITH NEW NUTS P/N 50803-001.... DRILLED OUT STRIPPED SCREW ON RT WING ACCESS PANEL AND REPLACED WITH NEW SCREW.... APPLIED HIGH TEMP SILICONE TO HOLE AT TOP RIGHT OF ENGINE BAFFLING... INSTALLED TWO NEW SCREWS IN HEAT EXCHANGER SHROUD P/N S1021-8-12.... CONNECTED LARGE BONDING STRAP FROM ENGINE TO FIREWALL.... ELECTRIC FUEL PUMP DRAIN LINE REATTACHED TO DRAIN TUBE.... SPINNER REMOVED AND SENT AEREO SUPPORT ENGINEERING INTERNATIONAL, INC.. CRS # XNDR054L, WHERE IT WAS REPAIRED AND APPROVED FOR RETURN TO SERVICE UNDER THEIR WORK ORDER # 6797 DATED MARCH 19, 2009. REPOSITIONED DE-ICE LINES TO PREVENT FURTHER CHAFFING INTO SPINNER AND INSTALLED REPAIRED SPINNER.... LEFT LOWER ENGINE COWL FWD SEAL ASSY REMOVED AND REPLACED WITH NEW SEAL P/N 20660-003.... AIRWOLF AIR/OIL SEPARATOR INSPECTION FOR CONTINUED AIRWORTHINESS PER FAA 337 DATED 11/10/06 AND AIRWOLF INSTRUCTIONS FOR CONTINUED AIRWORTHINESS C/W. CHECKED SATISFACTORY.... PRECISE FLIGHT SEMI-PORTABLE OXYGEN SYSTEM INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER PFI DOC #003NMAN0001 DATED 04/26/07 AND FAA 337 DATED 10/21/05. CHECKED SATISFACTORY.... RIGHT BOLESTER MATERIAL SEPARATED AT BOTTOM RE-GLUED.... AD 2009-05-05, TO PREVENT CERTAIN CONDITIONS FROM EXISTING WHEN PFD DISPLAYS ALTITUDE, ATTITUDE, AND AIRSPEED FOUND TO BE N/A BY UNIT S/N. EFFECTIVE DATE 04/03/09.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air SLC Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order

DATE: 3/20/2009

SIGNED:

Signature: Jimmy P. Lay
Certified Repair Station No. K5SR339N

Work Order: 18620

Printed by EBIS 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

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

2-1-10 Removed + Shipped PFD out for Repairs
Received and installed exchange PFD
PN 200-00006-000 Rev-31 SN ^{old} 2100365 ^{new} 24735144
Engine flight max. Reprogrammed + Performed a Conquest Swipe. ALL SPS has checked to spec.
Signature: [Signature] Perseus Q5K146N

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: CIRRUS
MODEL: SR22
S/N: 1648
REG. NO: N828DT
WORK ORDER: 20254

Million Air - Salt Lake City

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone 801 359-2085

DATE: 4/19/2010
A/C TSN: 451.1
HOBBS: 451.1

Airframe Entries

AIRCRAFT HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION PER FAR 43 APPENDIX D USING CIRRUS DESIGN INSPECTION CHECKLIST 05-20 AS A REFERENCE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... ELT OPERATIONAL CHECK SATISFACTORY PER FAR 91.207d. BATTERY PACK EXPIRATION DATE APRIL 2012.... AD SEARCH C/W USING ATP REVISION 05/05/10. SEE AD REPORT PRINTED 04/19/10.... LEFT BRAKE CALIPER REMOVED, DISASSEMBLED, CLEANED, AND INSPECTED. RE-SEALED LEFT CALIPER USING NEW O-RINGS (2) P/N M83461/1-222. REINSTALLED LT BRAKE CALIPER AND BLEED BRAKES. OPERATIONAL AND LEAK CHECK SATISFACTORY.... RIGHT BRAKE CALIPER REMOVED, DISASSEMBLED, CLEANED, AND INSPECTED. RE-SEALED RIGHT CALIPER USING NEW O-RINGS (2) P/N M83461/1-222. REINSTALLED RT BRAKE CALIPER AND BLEED BRAKES. OPERATIONAL AND LEAK CHECK SATISFACTORY.... INDUCTION AIR FILTER REMOVED AND REPLACED WITH A NEW FILTER P/N BA-24.... AIRWOLF AIR/OIL SEPARATOR INSPECTION FOR CONTINUED AIRWORTHINESS PER FAA 337 DATED 11/10/06 AND AIRWOLF INSTRUCTIONS FOR CONTINUED AIRWORTHINESS C/W. CHECKED SATISFACTORY.... PRECISE FLIGHT SEMI-PORTABLE OXYGEN SYSTEM INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER PFI DOC #003NMAN0001 DATED 04/26/07 AND FAA 337 DATED 10/21/05. CHECKED SATISFACTORY.... TKS FILTER 2 YEAR TIME CHANGE C/W BY REMOVAL AND INSTALLATION OF A NEW FILTER P/N 908-01 USING NEW O-RINGS P/N: 15164-092 (2 EA). LEAK CHECK SATISFACTORY.... #2 BATTERIES 2 YEAR TIME CHANGE C/W BY REMOVAL AND INSTALLATION OF NEW BATTERIES P/N 50979-001. OPERATIONAL CHECK SATISFACTORY.... REPAIRED AND REFINISHED CHIP ON RT WING JUST FORWARD OF WING WALK AREA.... CIRRUS SERVICE BULLETIN SB2X-05-01 (OPTIONAL) FOR BRAKE O-RING REPLACEMENT INTERVAL C/W BY REPLACING O-RINGS WITH NEW O-RINGS P/N M83461-1-222 IN LEFT AND RIGHT BRAKE CALIPERS AND INSTALLING NEW TEMP INDICATORS ON THE BRAKE CALIPER AND UPDATING POH WITH ITEMS IN KIT P/N 70227-002.... CIRRUS SERVICE BULLETIN 2X-27-16 FOR FLAP ACTUATOR MODIFICATION COMPLIED WITH PER SERVICE BULLETIN INSTRUCTIONS A-S.... TROUBLESHOT CUSTOMER REPORT THAT MFD LOST ALL PAGES EXCEPT FOR CHECKLISTS, TAWS, AND CHARTS. COULD NOT DUPLICATE. CONTACTED CUSTOMER WITH RESULTS. CUSTOMER DECLINED ANY FURTHER ACTION.... LOWER RIGHT WINGTIP STRIPPED SCREWS DRILLED AND EXTRACTED,

INSPECTION RECORD

F.A.R. 43.11-91.409

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

NUTPLATE THREADS CLEANED, AND (2) NEW SCREWS P/N MS2494C53 INSTALLED.... ALTERNATE AIR CABLE CHAFF REPAIRED AT #5 FUEL INJECTOR LINE BY INSTALLING TWO ADEL CLAMPS TO PREVENT FURTHER CHAFFING.... LEFT UPPER MLG FAIRING WELLNUT REMOVED AND REPLACED AS REQUIRED USING NEW WELLNUTS (3) P/N 50802-001.... RIGHT UPPER MLG FAIRING WELLNUT REMOVED AND REPLACED AS REQUIRED USING NEW WELLNUTS (4) P/N 50802-001.... CIRRUS (MANDATORY) SERVICE BULLETIN SB2X-32-19 R2 FOR NLG ASSEMBLY INSPECTION AND REINFORCEMENT COMPLIED WITH PER S.B. INSTRUCTIONS. NO CRACK NOTED AND BOLT KIT P/N: 70238-001 INSTALLED.... LEFT HAND MAIN LANDING GEAR BRAKE LININGS REMOVED AND REPLACED WITH NEW LININGS P/N 066-10500.... RIGHT MAIN LANDING GEAR BRAKE LININGS REMOVED AND REPLACED WITH NEW LININGS P/N 066-10500.... CHECKED AND VERIFIED RIGGING OF THE AILERONS PER MM. CHECKED SATISFACTORY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20254.

DATE: 4/19/2010

SIGNED:

Jray
Certified Repair Station No. K5SR339N

Work Order: 20254

Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-24-10	460.8	SB 601-00006-067 Rev.02 N/A by ser. No. W.L. [Signature] 1517488

Date: 3/16/2011; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 479.5; Tach:: Total Time: 479.5
 Shop Order #: A-11-0040
 Item: 2
 FAR 91.413 DUE ON TRANSPONDER.
 PERFORMED FAR 91.413 IAW APPENDIX F TO PART 43 ON GARMIN GTX 327 TRANSPONDER P.N. 011-00490-00, S.N. 83721616. SYSTEM OPERATION PERFORMS SATISFACTORY.
 Item: 3
 FAR 91.411 DUE ON STBY. ALTIMETER.
 PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON UNITED INSTRUMENTS ALTIMETER P.N. 5934D-3, S.N. 448747. PERORMED 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.
 Item: 4
 FAR 91.411 DUE ON PFD.
 PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 AND AVIDYNE SERVICE BULLETIN 601-00006-040 REV. 00 17-JUNE 05 24 MONTH ALTIMETER TEST AND INSPECTION FOR THE EXP5000 ON AVIDYNE PRIMARY FLIGHT DISPLAY P.N. 700-00006-000, S.N. 24735144. 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: [Signature] Dated: 3-16-2011
 Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

INSPECTION RECORD

F.A.R. 43.11-91.409

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

Date: 3/18/2011; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 479.5; Tach:: Total Time: 479.5
 Shop Order #: SH-11-0110
 Item: 2
 PRE-BUY/ANNUAL INSPECTION DUE ON CIRRUS SR22.
 COMPLIED WITH PRE-BUY/ANNUAL INSPECTION, DEFECTS ARE NOTED IN THIS WOTK ORDER.
 Item: 3
 AD AND TECHNICAL RESEARCH IS DUE.
 COMPLIED WITH THE A.D. RESEARCH FOR THIS AIRCRAFT UP TO THE DATE OF THIS ANNUAL INSPECTION.
 Item: 4
 BOTH MAIN TIRES NEED TO BE ROTATED.
 ROTATED LEFT MAIN TIRE ON LEFT WHEEL ASSYMBLY & ROTATED RIGHT MAIN TIRE ON RIGHT WHEEL ASSYMBLY TO EVEN TIRE WEAR. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 M.M. 32-41.
 Item: 5
 ALTERNATE AIR CABLE ATTACH POINT AT ALTERNATE AIR FLAPPER VALVE WORN.
 REMOVED INDUCTION TUBE. INSTALLED NEW INDUCTION TUBE PN#15708-003. ALT. AIR DOOR OPS CHECK GOOD. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 M.M. 71-60.
 Item: 6
 RUDDER/AILERON INTERCONNECT BUNGE 5 YEAR REPLACEMENT DUE.
 REMOVED AILERON INTERCONNECT BUNGEE CORD. INSTALLED NEW AILERON INTERCONNECT BUNGEE PN# 12983-001. RIGGING AND WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 M.M. 27-20.
 Item: 7
 PRECISE FLIGHT OXYGEN BOTTLE 5 YEAR HYDROSTATIC TESTING DUE.

Continued — [Signature]

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>REMOVED, PURGED AND SENT OUT BOTTLE P/N 026N0000 AND REGULATOR P/N 025N0000 FOR 5 YEAR HYDROSTATIC TESTING. RECIEVED BOTTLE AND REGULATOR BACK FROM PRECISE FLIGHT INC. THIER WORK ORDER 74948 DATED 3/9/2011. SERVICED BOTTLE TO 1800 PSI AS NEEDED AND REINSTALLED IN AIRCRAFT. <i>next Due 3/2016</i> <i>SD</i></p> <p>Item: 8 AD 07-14-03 AMEND. 39-15125 DATED 8/16/07 (PARACHUTE PICK UP COLLAR SUPPORT AND SCREW) DUE. COMPLIED WITH AD 07-14-03 AMEND. 39-15125 DATED 8/16/07 BY FINDING CIRRUS DESIGN S/B 2X-95-10R1 PREVIOUSLY COMPLIED WITH BY KEYSTONE AVIATION ON 5/07/07, TT=327.1, WHICH SATISFIED THIS A.D.</p> <p>Item: 9 AD 07-24-13 AMEND. 39-15279 DATED 12/04/07 (WING TO WINGTIP STRUCTURE INTERFACE MOISTURE ACCUMULATION) DUE. COMPLIED WITH AD 07-24-13 AMEND. 39-15279 DATED 12/04/07 BY FINDING THIS A.D. DOES NOT AFFECT THIS AIRFRAME PER THE AIRCRAFT SERIAL NUMBER PER THE A.D. TEXT.</p> <p>Item: 10 AD 09-26-01 AMEND. 39-16136 DATED 12/21/09 (ANTI-ICE FLUID DISTRIBUTION LINE SEPARATION) DUE. COMPLIED WITH AD 09-26-01 AMEND. 39-16136 DATED 12/21/09 BY FINDING THIS A.D. DOES NOT AFFECT THIS AIRFRAME PER THE AIRCRAFT SERIAL NUMBER PER THE A.D. TEXT.</p> <p>Item: 11 RH WING INBOARD FUEL CELL PANEL LEAKING FUEL. DEFUELED RH WING, REMOVED INBOARD FUEL CELL PANEL AND CLEANED OLD SEALANT FROM PANEL AND AIRFRAME. RESEALED AND REINSTALLED PANEL IN REFERANCE WITH CIRRUS SR22 MAINTENANCE MANUAL 28-10. LEAK CHECK GOOD AT THIS TIME.</p>
<i>Continued</i> → <i>SD</i>		

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Item: 12 POH NEEDS TO BE UPDATED, NOT UPDATED SINCE RVISION #3. UPDATED AIRCRAFT POH BY INSTALLING REVISIONS AS FOLLOWS: REVISION A4, 5, A7, A8, & 9 P/N 13772-001.</p> <p>Item: 13 RH WING INBOARD LEADING EDGES HAVE PIN HOLES AND ARE ERRODING. FILLED PIN HOLES ON RH WING INBOARD LEADING EDGE WITH BONDO AND PAINTED AS NEEDED.</p> <p>Item: 14 BOTH AILERON GAP SEALS PEALING OFF. REMOVED BOTH AILERON GAP SEALS. INSTALLED NEW GAP SEALS PN# 14390-003 ON BOTH AILERONS.</p> <p>Item: 15 LH WING INBOARD FUEL SENDING UNIT SEEPING FUEL. TIGHTENED UP ALL BOLTS ON FUEL SENDING UNIT, LEAK CHECK GOOD.</p> <p>Item: 16 LH EXHAUST MUFFLER INNER BAFFLE DROOPING DOWN. REMOVED LH EXHAUST MUFFLER. SENT OUT FOR REPAIR AT DAWLEY AVIATION WO#103369 DATED: 03-10-2011. INSTALLED REPAIRED MUFFLER IN REFERENCE WITH CIRRUS SR22 M.M. 78-20.</p> <p>Item: 17 RH FOWARD INTERIOR EYE-BALL LIGHT INOP. REMOVED RH FWD INT. EYE-BALL LIGHT. INSTALLED NEW BULB P/N#-50608-001. OPS CHECK GOOD. WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 M.M.33-10.</p> <p>Item: 18 LH FLAP LEADING EDGES CHAFFING AGAINST FLAP WELL INSPECTION PANELS. ADJUSTED LEFT FLAP AS NEEDED, CHECKED FLAP RIGGING, RIGGING FOUND WITHIN LIMITS. OPS</p>
<i>Continued</i> → <i>SD</i>		

F.A.R. 43.11-91.409

Continued 502 —

F.A.R. 43.11-91.409

Continued (502) \longrightarrow

INSPECTION RECORD

F.A.R. 43.11-91.409

INSPECTION RECORD

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>LH AILERON OUTER EDGE IS DAMAGED. REMOVED LH AILERON. BENT SHEETMETAL AS NEEDED ON OUTBOARD OUTER EDGE OF AILERON. INSTALLED LH AILERON IN REFERENCE WITH CIRRUS SR22 M.M. 27-10.</p> <p>Item: 32 AD 10-01-03 AMEND. 39-16159 DATED 1/20/10 (FIRE FIGHTING ENTERPRISES LIMITED CONTAMINATED HALON) DUE. COMPLIED WITH AD 10-01-03 AMEND. 39-16159 DATED 1/20/10 BY FINDING THE HAND HELD FIRE EXTINGUISHER NOT SERVICED BY FIRE FIGHTING ENTERPRISES LIMITED WITH CONTAMINATED HALON.</p> <p>Item: 33 AD 10-04-16 AMEND. 39-16209 DATED 3/08/10 (TYPE H1-10 AIR HALON 1211 SICLI P/N=1708337B4 PORTABLE FIRE EXTINGUISHER CONTAMINATED HALON) DUE. COMPLIED WITH AD 10-04-16 AMEND. 39-16209 DATED 3/08/10 BY FINDING THE HAND HELD FIRE EXTINGUISHER NOT SERVICED WITH TYPE H1-10 AIR HALON 1211 SICLI P/N=1708337B4 CONTAMINATED HALON.</p> <p>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.</p> <p>Signed: Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221</p> <p>Dated: 3/18/2011</p>

DATE

Date: 5/04/2012; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 600.5; Tach:; Total Time: 600.5
Shop Order #: SH-12-0148
Discrepancy: 2
ANNUAL INSPECTION DUE ON CIRRUS DESIGN SR22.
Corrective Action: 2
COMPLIED WITH ANNUAL INSPECTION ON THIS CIRRUS DESIGN SR 22, DEFECTS ARE NOTED IN THIS WORK ORDER.
Discrepancy: 3
A.D. AND TECHNICAL RESEARCH DUE.
Corrective Action: 3
COMPLIED WITH THE A.D. RESEARCH FOR THIS AIRCRAFT UP TO THE DATE OF THIS ANNUAL INSPECTION.
Discrepancy: 4
FAR 91.207 D ELT INSPECTION DUE.
Corrective Action: 4
COMPLIED WITH ELT INSPECTION WITH NO DEFECTS NOTED IN ACCORDANCE WITH FAR 91.207D.
Discrepancy: 5
ELT BATTERY DUE REPLACEMENT.
Corrective Action: 5
REMOVED AND REPLACED ELT BATTERIES WITH 8 NEW DURACELL D BATTERIES. NEXT DUE APRIL 2014.
Discrepancy: 6
#2 BATTERIES DUE REPLACEMENT.
Corrective Action: 6
REMOVED AND REPLACED AIRCRAFT #2 BATTERIES WITH TWO NEW BATTERIES P/N 50979-001. OPS

ICE

Continued on next page (50275)

INSPECTION RECORD

F.A.R. 43.11-91.409

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		CHECK GOOD IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 24-30. <i>next due on may 2011</i> Discrepancy: 7 INDUCTION AIR FILTER DUE REPLACEMENT. Corrective Action: 7 REMOVED AND REPLACED INDUCTION AIR FILTER WITH NEW FILTER P/N BA-24 IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 71-60. Discrepancy: 8 LH AILERON REQUIRES REMOVAL FOR ROLL TRIM CARTRIDGE INSPECTION. Corrective Action: 8 REMOVED LH AILERON, COMPLETED INSPECTION OF ROLL TRIM CARTRIDGE WITH NO DEFECTS NOTED. REINSTALLED LH AILERON IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 27-10 Discrepancy: 9 AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 (CONTAMINATED HALON 1211 IN HAND HELD FIRE EXTINGUISHER BOTTLE P/N=863520-00) DUE. Corrective Action: 9 COMPLIED WITH AD 11-11-04 AMEND. 39-16703 DATED 6/17/11 BY FINDING THE HAND HELD FIRE EXTINGUISHER NOT SERVICED WITH CONTAMINATED HALON 1211. NO FURTHER ACTION REQUIRED. Discrepancy: 10 CYLINDER #6 CHT PROBE NOT OPERATING PROPERLY. Corrective Action: 10 REMOVED AND REPLACED CYLINDER #6 CHT PROBE WITH NEW PROBE P/N 14880-001. GROUND RAN AIRCRAFT, OPS CHECK GOOD AT THIS TIME IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 77-20. Discrepancy: 11 RH MAIN TIRE WEARING ON OUT BOARD SIDE.
<i>Continued on next page (50) →</i>		

DATE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
	Corrective Action: 11 DISASSEMBLED RH WHEEL ASSEMBLY, REMOVED RH TIRE AND FLIPPED OVER ON WHEEL ASSEMBLY. REASSEMBLED RH WHEEL ASSEMBLY AND SERVICED TO 62 PSI IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 32-41 AND AIRCRAFT POH. Discrepancy: 12 LH WING TO GEAR FAIRING HAS BAD WELL NUT. Corrective Action: 12 REMOVED AND REPLACED SHORT WELL NUT WITH NEW WELL NUT P/N 50803-001 AS NEEDED. Discrepancy: 13 LH WING TIE DOWN EYE BOLT IS BENT. Corrective Action: 13 REMOVED AND REPLACED LH WING TIE DOWN EYE BOLT WITH NEW EYE BOLT P/N 12403-001 IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 7-10. Discrepancy: 14 PILOTS DOOR LATCHES NEED ADJUSTED. Corrective Action: 14 ADJUSTED PILOTS DOOR LATCHES AS NEEDED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 52-10, OPS CHECK GOOD AT THIS TIME. Discrepancy: 15 DE-ICE SYSTEM LEAKING UNDER RH AFT SEAT. Corrective Action: 15 INSPECTED DE-ICE ASSEMBLY AND FOUND PUMP TO DRAIN BLOCK LEAKING. REMOVED AND REPLACED OLIVE AT DRAIN BLOCK WITH NEW OLIVE P/N 15164-022, LEAK CHECK GOOD AT THIS TIME IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 30-05. Discrepancy: 16
<i>Continued on next page (51) →</i>	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		BOTH MAIN GEAR GROMMETS MIGRATING UPWARDS. Corrective Action: 16 DISASSEMBLED BOTH MAIN GEAR AT UPPER GROMMET ATTACH POINT. REPOSITIONED BOTH MAIN GEAR GROMMETS AS NEEDED AND REASSEMBLED BOTH MAINT GEAR GROMMET ATTACH POINTS IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 32-10. Discrepancy: 17 POH MISSING REVISION 10. Corrective Action: 17 UPDATED POH FOR N828DT BY INCERTING REVISION 10 P/N 13772-001. Discrepancy: 18 DE-ICE SYSTEM FILTER DUE CHANGE. Corrective Action: 18 REMOVED AND REPLACED DEICE SYSTEM FILTER WITH NEW FILTER P/N 26115-101. OPS CHECK AND LEAK CHECK GOOD IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 30-05. Discrepancy: 19 CABIN HEAT CONTROL KNOB LOOSE. Corrective Action: 19 TIGHTENED CABIN HEAT CONTROLL KNOB AS NEEDED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 21-40. Discrepancy: 20 HEAT PLATES ON BELLY AFT OF TAIL PIPES NEED RESECURED. Corrective Action: 20 REMOVED OLD DOUBLE SIDED TAPE, CLEANED ALL AREAS AND APPLIED NEW DOUBLE SIDED TAPE AS NEEDED. Discrepancy: 21
Continued on next page (302) →		

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
	ENGINE Baffle CRACKED FORWARD OF AIR/OIL SEPERATOR. Corrective Action: 21 APPLIED CRACK PREVENTING TECHNIQUES AS NEEDED TO PREVENT FURTHER CRACKING. Discrepancy: 22 STAND OFF FOR #2 BATTERY DRAIN LINE NEEDS REGLUED. Corrective Action: 22 REGLUED STAND OFF AS NEEDED. Discrepancy: 23 SB 2X-34-24 R1 OPTIONAL WAAS ANTENNA INSTALLATION ON PFD EQUIPPED AIRCRAFT. Corrective Action: 23 REMOVED ALL HEADLINER AND INTERIOR TRIM PIECES AS NEEDED. ALSO REMOVED EXISTING GPS1, GPS2 & XM ANTENNAS, COAX CABLES & HARDWARE AS REQUIRED. COMPLETED REPAIR PROCESSES ON FORWARD XM ANTENNA MOUNTING AREA BY INSTALLING PRECURE PLUGS, FILLING HOLES WITH FILLER PASTE AND CURING AREA AS REQUIRED. DRILLED NEW HOLES FOR NEW GPS 1/ XM ANTENNA MOUNTING. PREPARED AREA FOR PAINTING, PRIMED AND PAINTED AREA. INSTALLED NEW GPS 1/ XM ANTENNA AND ROUTED NEW COAX CABLES FOR BOTH GPS1 AND XM. COMPLETED FOAM CORE REMOVAL AND REPAIR PROCESSES ON AFT GPS 2 MOUNTING AREA. CURED AREA AS REQUIRED. ALSO INSTALLED NEW EMM FOR GPS 2 ANTENNA INSTALLATION BONDING AND GROUNDING. CURED EMM AS REQUIRED AND DRILLED NEW HOLES FOR NEW GPS 2 ANTENNA MOUNTING. PREPARED AREA FOR PAINTING, PRIMED AND PAINTED AREA. INSTALLED NEW GPS 2 ANTENNA AND ROUTED NEW COAX CABLE FOR GPS 2. INSTALLED NEW SHIELD OVER ELT FOR WAAS UPGRADE. REINSTALLED ALL HEADLINER AND INTERIOR TRIM PIECES AS NEEDED. AVIONICS WORK PERFORMED FOR THIS WAAS UPGRADE CAN BE FOUND ON WORK ORDER A-12-0045 DISCREPANCY 2. FOR THIS WAAS UPGRADE ALL PARTS INSTALLED ARE AS FOLLOWS: GPS 1 / XM WEATHER WAAS UPGRADE KIT P/N 70190-002, GPS 2 WAAS UPGRADE KIT P/N 70190-003 & ELT
Continued on next page (302) →	

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>SHIELD KIT P/N 18389-001. ALL WORK PERFORMED IN REFERENCE WITH CIRRUS SR22 MAINTENANCE MANUAL 51-20, 51-30 AND SB 2X-34-24 R1.</p> <p>Discrepancy: 24</p> <p>FOUND TWO HOLES UNDER COMM 1 ANTENNA. BOTH HOLES NEED TO BE REPAIRED AS PER CIRRUS FIELD SUPPORT REPRESENTATIVE.</p> <p>Corrective Action: 24</p> <p>REMOVED COMM 1 ANTENNA. REPAIRED TWO HOLES AS NEEDED UNDER COMM 1 ANTENNA WITH PRECURED PLUGS AND FILLER PASTE. COMPLETED CURING PROCESSES ON REPAIR. PREPARED AREA FOR PAINT. PRIMED AND PAINTED AREA AS NEEDED. REINSTALLED COMM 1 ANTENNA. ALL WORK ACCOMPLISHED IN REFERENCE WITH CIRRUS SR 22 MAINTENANCE MANUAL 51-10, 51-20, 51-30 & 51-70.</p> <p>The aircraft airframe, aircraft engine, propeller or appliance identified above was <u>Inspected & Repaired</u> in accordance with current regulations of the Federal Aviation Administration and <u>Approved</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.</p> <p>SIGNED: <u>[Signature]</u> DATE: <u>5/4/2012</u></p> <p>Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725</p>

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>Date: 5/11/2012; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 602.1; Tach:; Total Time: 602.1</p> <p>Shop Order #: A-12-0045</p> <p>Discrepancy: 2</p> <p>INSTALL WAAS UPGRADE.</p> <p>Corrective Action: 2</p> <p>REMOVED GARMIN #1 GNS430 P.N. 011-002380-10, S.N. 9712-9964 AND #2 GNS430 SAME P.N., S.N. 97129955 AND SENT TO GARMIN FOR WAAS UPGRADES. REINSTALLED SAME UNITS MODIFIED BY GARMIN FAACRS G6XR582Y ON W.O. RMA 40886974 TO P.N. 011-01060-40 UTILIZING SAME S.N.s IN SAME POSITIONS. REMOVED AVIDYNE PFD EXP5000 P.N. 700-00006-000, S.N. 24735144 AND REPLACED WITH FACTORY REMANUFACTURED SAME P.N., S.N. D1315 BY AVIDYNE FAACRS PT3844CE ON W.O. REF66997. REMOVED EX5000 MFD P.N. 700-00004-008, S.N. 20150365 AND REPLACED WITH FACTORY REMANUFACTURED SAME P.N., S.N.20111497 BY AVIDYNE FAACRS PT3844CE ON W.O. REF67333. ALL WORKED PERFORMED IAW CIRRUS S.B. 2X-34-24 R11 ISSUED: 23 OCT 2007, REVISED: 29 JAN 2008; GARMIN STC SA01933LA AND GARMIN STC UPGRADE INSTALLATION MANUAL P.N. 190-00357-06 REV. B OR LATER; AVIDYNE S.B. DOC. # 601-00006-081 R7 PFD RE-INSTALLATION FOR SERVICE. FILLED OUT FAA FORM 337 AND FILED WITH APPROPRIATE AUTHORITIES. REMOVED AIRCRAFT FLIGHT MANUAL SUPPLEMENT FOR GNS430 AND INSTALLED GNS 430W AFMS CIRRUS P.N. 13772-132 REV 01:11-11-07 IN POH. UPDATED POH EQUIPMENT LIST. PLACED GARMIN ICA 400W SERIES DOC.# 190-00356-65 REV.B 07-30-09 IN AIRCRAFT. NO CHANGE TO WEIGHT AND BALANCE. CURRENT ELECTRICAL LOAD ANALYSIS REMAINS VALID SINCE MODIFIED UNITS DRAW THE SAME AS BEFORE MODIFICATION. REFER TO TRI-STATE AERO, INC. W.O. SH-12-0148 FOR COMPOSITE REPAIR AND ANTENNA REPLACEMENT. SYSTEM OPERATION PERFORMS SATISFACTORY.</p> <p>Discrepancy: 3</p> <p>INSTALL DFC90 AUTOPILOT UPGRADE.</p>

DATE	AIRCRAFT TIME	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	RVIC
		<p>Corrective Action: 3</p> <p>INSTALLED STC# SA00296BO ISSUE DATE 6/08/2010 AMENDED 7/21/2010 AND 3/04/2011 'INSTALLATION OF AVIDYNE CORP. MODEL DFC90 AUTOPILOT P.N 700-00170-000 OR DFC100 AUTOPILOT P.N. 700-00170-001 AS A REPLACEMENT FOR THE S-TEC 55X AUTOPILOT P.N. 01192-[]-[] IAW AVIDYNE CORP. MASTER DOCUMENT LIST AFDFC-010, REV. 09 DATED 1/16/12. REMOVED S-TEC AUTOPILOT 01192-34-61T-30, S.N. 0534-8717 AND REPLACED WITH NEW DFC90 AUTOPILOT P.N. 700-00170-000, S.N. M121163539 RELEASE 2. REMOVED AVIDYNE EXP5000 PRIMARY FLIGHT DISPLAY P.N. 700-00006-000, S.N. 24735144 AND REPLACE WITH MODIFIED PFD SAME P.N., S.N. D1315 MOD.55 BY AVIDYNE FAACRS PT3844CE ON W.O. REF66997. AVIDYNE FLIGHT MANUAL SUPPLEMENT DOC. 600-00249-000 DATE 12/22/2011 REV. 02 INSTALLED IN AIRCRAFT POH. PLACED ICA DOC. AVDFC-030 DATE 11/22/2011 REV. 03 AND AVIDYNE EXP5000 PFD PILOT'S GUIDE ADDENDUM SW RELEASE 8 P.N. 600-00259-000 REV. 01 IN AIRCRAFT. ALL WORK PERFORMED IAW AVIDYNE SB DOC.# 601-00006-001 TITLE: PFD RELEASE 8 HARDWARE UPGRADE FOR DFC90 COMPATABILITY REV. 00 DATE 12/03/2009, SIL# 606-00006-001 REV. 00 DATE 7/29/10 AND AVIDYNE DFC90 SERIES AUTOPILOT INSTALLATION MANUAL P.N. 600-00251-000 REV. 05 DATE 11/04/2011. NO CHANGE TO WEIGHT AND BALANCE. NO CHANGE TO ELECTRICAL LOAD. UPDATED EQUIPMENT LIST IN POH, FILED FAA FORM 337 REFLECTING THIS MODIFICATION. PERFORMED POST-INSTALLATION GROUND TEST OF AUTOPILOT SYSTEM, FLIGHT DIRECTOR AND PFD AS PER AFOREMENTIONED INSTALLATION MANUAL AND SERVICE BULLETIN. PERFORMED FAR 23.1325(b)2(i) STATIC SYSTEM PRESSURE TEST. NEXT FAR 91.411 IAW APPENDIX E TO PART 43 ON THIS PFD IS DUE ON FEB. 17,2014. PERFORMED MAINTENANCE FLIGHT CHECK. SYSTEM OPERATION PERFORMS SATISFACTORY.</p> <p>Discrepancy: 4</p> <p>INSTALL DFC90 FLAP OPTIONAL INTERFACE.</p> <p>Corrective Action: 4</p> <p>INSTALLED AVIDYNE SB DOCUMENT #: 601-00170-007; TITLE: CIRRU SR2X, DFC90 SW RELEASE 2</p>	

[illegible]

Date: 7/09/2013; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 658.0; Tach.: Total Time:
Shop Order #: A-13-0115

Discrepancy: 2
FAR 91.411 DUE ON STANBY ALTIMETER.

Corrective Action: 2
PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 ON UNITED INSTRUMENTS INC. ALTIMETER P/N
5934D-3 S/N 448747. TESTED TO 20,000 FEET ON THIS DATE 07-01-2013. 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.

Discrepancy: 3
FAR 91.411 DUE ON PRIMARY FLIGHT DISPLAY.
Corrective Action: 3

PERFORMED FAR 91.411 IAW APPENDIX E TO PART 43 AND AVIDYNE SERVICE BULLETIN 601-00006-
040 REV. 00 DATED JUNE 17, 2005 24 MONTH ALTIMETER TEST AND INSPECTION FOR THE EXP5000 ON
AVIDYNE PFD P/N 700-00006-000 S/N D1315. TESTED TO 20,000 FEET ON THIS DATE 07-01-2013.
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.

Discrepancy: 4
FAR 91.413 DUE.
Corrective Action: 4
PERFORMED FAR 91.413 IAW APPENDIX F TO PART 43 ON GARMIN TRANSPONDER P/N 011-00490-00
S/N 83721616. 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: 7-9-13
Tri-State Aero, inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

INSPECTION RECORD

SERVICE

DA

Date: 7/10/2013; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 658.00; Total Time: 658.00
Shop Order #: SH-13-0260

Discrepancy: 2
ANNUAL INSPECTION DUE CIRRUS DESIGN SR22.
Corrective Action: 2
PERFORMED ANNUAL INSPECTION (CIRRUS SR22) AL DISCREPENCIES LISTED ON WORK SHEET.
Discrepancy: 3

AD & TECHNICAL RESEARCH DUE.
Corrective Action: 3
COMPLIED WITH THE AD RESEARCH UP TO THE DATE OF THIS ANNUAL INSPECTION.
Discrepancy: 4

FAR 91.207d ELT INSPECTION DUE.
Corrective Action: 4
C/W FAR 91.207d ELT INSPECTION. NO DEFECTS NOTED AT THIS TIME.
Discrepancy: 5

INDUCTION AIR FILTER DUE REPLACEMENT.
Corrective Action: 5
REPLACED INDUCTION AIR FILTER WITH NEW PT# BA24.
Discrepancy: 6

AILERON / RUDDER INTERCONNECT SHOCK CORD DUE REPLACEMENT.
Corrective Action: 6
REPLACED SHOCK CHORD WITH NEW PT#12983-001 REFERENCE AC MM 27-20.
Discrepancy: 7
BOTH ALTERNATOR OUT LIGHTS DO NOT WORK
Corrective Action: 7

VICE

INSPECTION RECORD
F A R 43.11-91.409

TROUBLESHOT ALTERNATOR LIGHT SYSTEM. FOUND LOGIC MODULE INSIDE MCU TO BE DEFECTIVE. REMOVED AND REPLACED LOGIC MODULE P/N 14610-002 IAW CIRRUS SR22 M.M. 24-30. SYSTEM OPERATION PERFORMS SATISFACTORY.

Discrepancy: 8

LEFT LANDING GEAR FAIRING SUPPORT BRACKET BROKEN.

Corrective Action: 8

REPLACED SUPPORT BRACKET FOR WHEEL FAIRING ON LEFT GEAR PT# 17205-002 AS NEEDED.

Discrepancy: 9

LEFT AFT ENGINE BAFFLE CRACKED.

Corrective Action: 9

FABRICATED & INSTALLED PATCH FOR RIGHT AFT UPPER ENGINE BAFFLE AS NEEDED.

Discrepancy: 10

HEATER KNOB MOVES IN FLIGHT.

Corrective Action: 10

TIGHTENED HEATER KNOB AS NEEDED.

Discrepancy: 11

RIGHT EXHAUST HEAT PLATE NEEDS RESECURED.

Corrective Action: 11

RESECURED EXHAUST HEAT SHIELD AS NEEDED.

Discrepancy: 12

GRIP TAPE COMING OFF LEFT & RIGHT ASSIST STEPS.

Corrective Action: 12

INSTALLED NEW GRIP TAPE ON LEFT & RIGHT ASSIST STEP AS NEEDED. PT # 12683-006

Discrepancy: 13

SB 2X-05-02(INDUCTION DUCT FLAPPER BOLT RELACEMENT INTERVAL)

SERVICE

DA

Corrective Action: 13

C/W S/B 2X-05-02 (INDUCTION FLAPPER BOLT REPLACEMENT AS PER SB INSTRUCTIONS) PT# AN3-34 BOLT. DUE REPLACEMENT IN 500 HOURS OR 2 YEARS WHICHEVER OCCURS FIRST.

Discrepancy: 14

S/B 2X-27-16 R2 (POSSIBLE ASYMETRIC FLAP/ FLAP ACTUATOR OVER- EXTENSION CONDITION)

Corrective Action: 14

S/B 2X-27-16 R2 PREVIOUSLY C/W 4/19/10 ACTT451.1 NO FURTHER ACTION TAKEN.

Discrepancy: 15

S/B A2X -95-10 R3 (CAPS PICKUP COLLAR SUPPORT REPLACEMENT)

Corrective Action: 15

S/B A2X-95-10 R3 PREVIOUSLY C/W ON 5/07/07 (NO FURTHER ACTION TAKEN.)

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: [Signature]

DATE: 7-10-13

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

/ICE

INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<i>Closed</i> <i>8/1/14</i>