

**AIRCRAFT LOG**  
**AF5-1**



PPG Industries, Inc.  
COMMERCIAL COATINGS

PRIMER	<u>K36</u>
PRIMER	<u></u>
COLOR	<u>FBC 92813</u>
COLOR	<u>FBC 918510</u>
COLOR	<u></u>
CLEAR	<u>F3905</u>

## AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22T DATE OF MFG. MAR. 13

SERIAL NUMBER 0473 REGISTRATION NUMBER N122JK

REGISTERED OWNER \_\_\_\_\_

### Inspection Status (Check one)

STREET ADDRESS \_\_\_\_\_

☐

F.A.R. 91.409 ANNUAL/100 HOUR

CITY, STATE, ZIP \_\_\_\_\_

☐

F.A.R. 91.409 PROGRESSIVE

OPERATOR \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

☐

F.A.R. 135.419 A.T.C.O.

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

☐

OTHER

STREET ADDRESS \_\_\_\_\_

DATE ENTERED \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

OPERATOR \_\_\_\_\_

MAINTENANCE RESPONSIBILITY


STREET ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	CONTINENTAL MOTORS INC.	TS10-550K	R 1007877
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13V1F-1M	R
PROPELLER			L N15632B
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
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ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

## MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION
2/7/13	<p>STC's SA01708SE (Fixed Oxygen System) &amp; SA02013CH (Traffic Advisory System) have been installed on this aircraft. Approval for installation has been granted by the STC holders via Licensing Agreements and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for these installations.</p> <p>CDC  on 2/7/13 Cirrus Design Corporation Duluth, MN USA PRODUCTION CERTIFICATE NO. 338CE</p>

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
<b>Life Limited Parts SR22T</b>							
<b>PART NAME</b>	<b>PART NUMBER</b>					<b>EXPIRES</b>	
CAPS Rocket Motor	29500-004		S/N 0034			3/6/23	
CAPS Parachute	29696-002		S/N B0032			3/8/23	
CAPS Reefing Line Cutters	26707-001		S/N 0121 S/N 0138			3/14/19	
ELT Battery Pack	452-6499		Date Installed 2/20/13			02/2020	
EMA Controller, AAIR	20902-001		A260EC12-28 S/N			12/2019	
Oxygen Bottle Assembly	102N0100-1		MFG Date 09/12			09/2027	
CO Detector	24660-003		S/N 20295			02/2020	replaced with S/N 11867 5/22 Du
Pilot Seat Inflator Assembly	20902-002		AAG1642 S/N 20623			09/01/22	
Co-Pilot Seat Inflator Assembly	20902-002		AAG1642 S/N 20592			10/01/22	

Life Limited Parts SR22T			
PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	29500-004	S/N 0034	3/6/23
CAPS Parachute	29696-002	S/N B0032	3/8/23
CAPS Reefing Line Cutters	26707-001	S/N 0121 S/N 0138	3/14/19
ELT Battery Pack	452-6499	Date Installed 2/20/13	02/2020
EMA Controller, AAIR	20902-001	A260EC12-28 S/N	12/2019
Oxygen Bottle Assembly	102N0100-1	MFG Date 09/12	09/2027
CO Detector	24660-003	S/N 20295	02/2020
Pilot Seat Inflator Assembly	20902-002	AASE1647 S/N 20623	09/01/22
Co-Pilot Seat Inflator Assembly	20902-002	AASE1647 S/N 20592	10/01/22

## AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

## ALTIMETER & STATIC SYSTEM CHECKS

[illegible]



# 

DATE

MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6918-05-2015



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 5/29/2015  
A/C TSN: 328.8  
FLIGHTTIME: 328.8

### Avionics Entries

Performed the following: ALTIMETER AND TRANSPONDER

The Below Identified Equipment has been tested and found to conform to the following: FAR 91.411, 91.217, Part 43 Appendix E, and FAR 91.413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds the requirement for IFR Flight in Instrument Meteorological Conditions, (IMC).

The altimeter was tested to 20,000 feet on (05/29/2015)  
The transponder was tested on (05/29/2015)  
Encoder data correspondence was tested to 20,000 feet on (05/29/2015)  
Static System leak tested on (05/29/2015)

Altimeter  
Make: United  
Model: 12731-003  
SN: 499346

Transponder  
Make: Garmin  
Model: GTX-33ES  
SN: 89124444

ADC 1  
Make: Garmin  
Model: GDC74A  
SN: 20614491

ADC 2  
Make: Garmin  
Model: GDC74A  
SN: 20614441

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

DATE: 5/29/2015


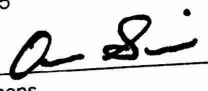
SIGNED:

Work Order: 6918-05-2015

Josh Shea  
Certified Repair Station No. 5TCR105B

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## RADIO & ELECTRONIC CHECKS

TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.																
<div style="display: flex; justify-content: space-between;"> <div> <p>MAKE: Cirrus Design Corp MODEL: SR-22T S/N: 0473 REG. NO: N122JK WORK ORDER: 8261-04-2017</p> <p><b>Avionics Entries</b></p> <p>Performed the following: ALTIMETER AND TRANSPONDER</p> <p>The Below Identified Equipment has been tested and found to conform to the following: FAR 91.411, 91.217, Part 43 Appendix E, and FAR 91.413, Part 43 Appendix F. This equipment is compliant with the above FAR's and meets or exceeds the requirement for IFR Flight in Instrument Meteorological Conditions, (IMC).</p> <p>The altimeter was tested to 20,000 feet on (7/1/2017) The transponder was tested on (7/1/2017) Encoder data correspondence was tested to 20,000 feet on (7/1/2017) Static System leak tested on (7/1/2017)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Altimeter</td> <td style="width: 20%;">Transponder</td> <td style="width: 20%;">ADC 1</td> <td style="width: 20%;">ADC 2</td> </tr> <tr> <td>Make: United</td> <td>Make: Garmin</td> <td>Make: Garmin</td> <td>Make: Garmin</td> </tr> <tr> <td>Model: 12731-003</td> <td>Model: GTX-33ES</td> <td>Model: GDC74A</td> <td>Model: GDC74A</td> </tr> <tr> <td>SN: 499346</td> <td>SN: 89124444</td> <td>SN: 20614491</td> <td>SN: 206144441</td> </tr> </table> </div> <div style="text-align: center;">  <p>Naples, Dba:</p> </div> <div style="text-align: right;"> <p>DATE: 7/1/2017 A/C TSN: 542.8 FLIGHTTIME: 542.8</p> </div> </div>						Altimeter	Transponder	ADC 1	ADC 2	Make: United	Make: Garmin	Make: Garmin	Make: Garmin	Model: 12731-003	Model: GTX-33ES	Model: GDC74A	Model: GDC74A	SN: 499346	SN: 89124444	SN: 20614491	SN: 206144441
Altimeter	Transponder	ADC 1	ADC 2																		
Make: United	Make: Garmin	Make: Garmin	Make: Garmin																		
Model: 12731-003	Model: GTX-33ES	Model: GDC74A	Model: GDC74A																		
SN: 499346	SN: 89124444	SN: 20614491	SN: 206144441																		
<p>The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Twin Cities Aviation FAA Repair Station # 5TCR105B 8891 Airport Rd Blaine, MN 55449 (763) 784-9165</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <p>DATE: 7/1/2017</p> </div> <div> <p>SIGNED: </p> <p>Aaron Simmons</p> </div> <div> <p>Work Order: 8261-04-2017</p> <p>Printed by EBis 3 (datcomedia.com)</p> </div> </div>																					

# **MAINTENANCE RECORD F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus  
MODEL: SR22T-FIKI  
S/N: 0473  
REG NO: 122JK  
WORK ORDER:  
15404-06-2013



## **Cirrus Design Factory Service Center**

Repair Station No. YD5R855Y  
4514 Taylor Circle  
Duluth, MN 55811  
Phone: 218-788-3438

DATE: 7/2/2013  
A/C TSN: 113.9  
HOBBS: 146.9

### **Airframe Entries**

- (11) Performed VR Bug Speed mandatory update. Work accomplished IAW Cirrus SB 2X-42-09.
- (12) Replaced LH / RH Aileron Gap Seals IAW CDC AMM 57-50.
- (13) Serviced O2 system to 2000 PSI IAW Precise flight POH Supplement #102NMAN0001 per STC SA01708SE.
- (14) Replaced LH aft interior panel and RH forward panel due to tears IAW CDC AMM 25-10.

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

DATE: 7/2/2013

SIGNED:

Dan Trampush  
Certified Repair Station No. YD5R855Y

Work Order: 15404-06-2013

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# MAINTENANCE RECORD

## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ENGINE MODEL:  
TSIO-550-K  
ENGINE S/N: 1007877  
REG. NO: N122JK  
WORK ORDER:  
5799-10-2013



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 10/1/2013  
A/C TSN: 152.8  
ENG TT: 152.8  
TACH: 152.8

### Engine Entries

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7qts AeroShell 15W50 installed new Tempest AA48108-2 filter, torqued and safetied, checked lights, serviced tires, ground run, ops check and leak check satisfactory.

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

DATE: 10/1/2013

SIGNED:

Work Order: 5799-10-2013

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Wilder Morey  
Certified Repair Station No. 5TCR105B

MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
5850-10-2013



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 10/25/2013  
A/C TSN: 160.8  
FLIGHTTIME: 160.8

### Airframe Entries

Removed and Replaced #4 EGT probe P/N:24585-001. Test flew aircraft, EGT's were within 30 degrees below 5000 feet and 10 degrees above 10,000 feet in LOP.---Unable to reproduce (OXYGEN LOW) caution advisory on ground. Inspected wiring and cable connectors and found no defects. Flight test required.---Unable to reproduce (FAILED SERVO DATA PATH) annunciation on ground. Inspected wiring and connectors and found no defects. Flight test required.

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

DATE: 10/25/2013

SIGNED:

Work Order: 5850-10-2013

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Andrew Bougetz  
Certified Repair Station No. 5TCR105B

# **MAINTENANCE RECORD** **F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
5975-12-2013



## **Twin Cities Aviation, Inc.**

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 12/17/2013  
A/C TSN: 192.2  
FLIGHTTIME: 192.2

### **Airframe Entries**

Installed Left M/L/G/ Goodyear Flight Custom III Tire P/N:15/600-6 6 GY FCIII S/N:31622115 and Tube P/N:15/600-6 MIC. Right M/L/G Goodyear Flight Custom III Tire P/N:15/600-6 6 GY FCIII S/N:31572303 and Tube P/N:15/600-6 MIC. Installed Brake Temp Sensor On Right Brake Caliper P/N: 24649-001. Leak and Operational Test Satisfactory. Serviced Tires to 62 PSI.---Added 5 Quarts of TKS Fluid in Left Wing And 4 Quarts of TKS Fluid in Right Wing.

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

DATE: 12/17/2013

SIGNED:

Work Order: 5975-12-2013

Wilder Morey  
Certified Repair Station No. 5TCR105B

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ENGINE MODEL:  
TSIO-550-K  
ENGINE S/N: 1007877  
REG. NO: N122JK  
WORK ORDER:  
6039-01-2014



## **Twin Cities Aviation, Inc.**

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 1/23/2014  
A/C TSN: 200.9  
ENG TT: 200.9  
FLIGHTTIME: 200.9

### **Engine Entries**

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7 qts AeroShell 15W50 installed new Tempest AA48108-2 filter, torqued and safetied, checked lights, serviced tires, ground run, ops check and leak check satisfactory.

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

DATE: 1/23/2014


SIGNED:

Work Order: 6039-01-2014

Wilder Morey  
Certified Repair Station No. 5TCR105B

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## MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE: Cirrus MODEL: SR-22T S/N: 0473 REG. NO: N122JK WORK ORDER: 6190-04-2014	 <b>Twin Cities Aviation, Inc.</b> Repair Station No. 5TCR105B 8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	DATE: 4/11/2014 A/C TSN: 222.7 FLIGHTTIME: 222.7

### Airframe Entries

Removed nose fork assembly, cleaned and inspected nose fork and associated washers. Reinstalled nose fork and performed pull test, set pull test pressure to 24 psi. cotter pinned castle nut. Installed nose wheel and fairing, functional check satisfactory.

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

DATE: 4/11/2014

SIGNED:



Work Order: 6190-04-2014

Josh Shea  
Certified Repair Station No. 5TCR105B

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MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6206-04-2014

### Twin Cities Aviation, Inc.



8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 4/30/2014  
A/C TSN: 235  
FLIGHTTIME: 235

### Airframe Entries

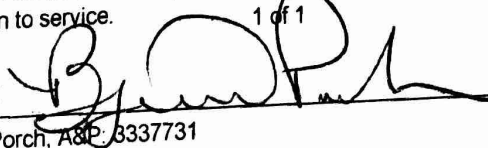
Serviced oxygen system to 2000 PSI IAW Cirrus SR22 AMM. No leaks detected.

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

1 of 1

DATE: 4/30/2014

SIGNED:



Work Order: 6206-04-2014

Benjamin Porch, A&P: 3337731

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MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6255-05-2014



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 5/23/2014  
A/C TSN: 260.7  
FLIGHTTIME: 260.7

### Airframe Entries

Re-attached co-pilots cup holder spring so that holder would open correctly. Functional Check Satisfactory.

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

DATE: 5/23/2014

SIGNED:

Wilder Morey  
Certified Repair Station No. 5TCR105B

Work Order: 6255-05-2014

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MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6729-01-2015



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 1/9/2015  
A/C TSN: 307  
FLIGHTTIME: 307

### Airframe Entries

Uploaded file chklist.ace and startup\_scrn.zip to MFD SD card IAW Cirrus MM, functional check satisfactory.

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

DATE: 1/9/2015

SIGNED:

Josh Shea  
Certified Repair Station No. 5TCR105B


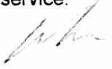

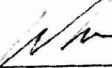
Work Order: 6729-01-2015

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10.  
0 SERVICE

# MAINTENANCE RECORD

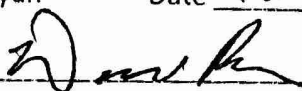
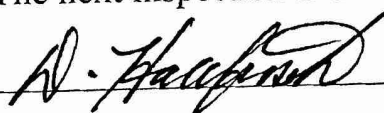
## F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	<b>ENGINE MODEL:</b> TSIO-550-K <b>ENGINE S/N:</b> 1007877 <b>REG. NO.</b> N122JK <b>WORK ORDER:</b> 6255-05-2014	 <b>Twin Cities Aviation, Inc.</b>  Repair Station No. 5TCR105B 8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	<b>DATE:</b> 5/23/2014 <b>A/C TSN:</b> 260.7 <b>ENG TT:</b> 260.7 <b>FLIGHTTIME:</b> 260.7
<b>Engine Entries</b>  Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7 qts AeroShell 15W50 installed new Tempest AA48108-2 filter, torqued and safetied, checked lights, serviced tires, ground run, ops check and leak check satisfactory.			
The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.			
<b>DATE:</b> 5/23/2014		<b>SIGNED:</b>  Wilder Morey Certified Repair Station No. 5TCR105B	Work Order: 6255-05-2014  Printed by EBis 3 (datcomedia.com)
	<b>ENGINE MODEL:</b> TSIO-550-K <b>ENGINE S/N:</b> 1007877 <b>REG. NO.</b> N122JK <b>WORK ORDER:</b> 6729-01-2015	 <b>Twin Cities Aviation, Inc.</b>  Repair Station No. 5TCR105B 8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	<b>DATE:</b> 1/9/2015 <b>A/C TSN:</b> 307 <b>ENG TT:</b> 307 <b>FLIGHTTIME:</b> 307
<b>Engine Entries</b>  Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7 qts AeroShell 15W50 installed new Tempest AA48108-2 filter, torqued and safetied, checked lights, serviced tires, ground run, ops check and leak check satisfactory.			
The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.			
<b>DATE:</b> 1/9/2015		<b>SIGNED:</b>  Wilder Morey Certified Repair Station No. 5TCR105B	Work Order: 6729-01-2015  Printed by EBis 3 (datcomedia.com)



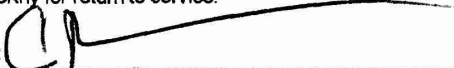
# INSPECTION RECORD

## 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 DISAPPROVING AIRCRAFT FOR SERVICE
3 MAR 13	2.0	<p>Production Flight Test accomplished in accordance with Cirrus Procedure #90504.</p> <p>Name: Dan Ryan      Date <u>13 MAR 13</u></p> <p>Signature: <u></u></p> <p>Title: Production Flight Test Pilot</p>
03-18-13	2.0	<p>I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>03 / 18 / 13</u>.</p> <p>The next inspection is due <u>03 / 31 / 14</u>.</p> <p><u></u></p> <p>David C. Hallfrisch DMIR-833854-CE</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 DISAPPROVING AIRCRAFT FOR SERVICE
		<div style="display: flex; justify-content: space-between;"> <div> <p>ENGINE MODEL: TSIO550K1B ENGINE S/N: 1007877 REG. NO: N122JK WORK ORDER: 00001052</p> </div> <div> <p><b>TDL Aero Enterprises</b> Repair Station No. 7TLR012B 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300</p> </div> <div> <p>DATE: 4/1/2013 A/C TSN: 22.1 ENG TT: FLIGHTTIME: 22.1</p> </div> </div> <p><b>Log Entries</b></p> <p>25 hour inspection performed using the Cirrus 25 hour demo care inspection checklist as A guide, Removed engine cowlings, Drained oil, took A oil sample, removed oil filter and cut open to check for debris, none noted, installed A new oil filter, serviced engine with 8 quarts of aero shell 100W, Performed run up leak check, no leaks noted at this time, reinstalled engine cowlings.... Adjusted high end fuel flow to spec.</p> <p><b>Maintenance Release</b></p> <p>The aircraft and/or component(s) on N122JK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>DATE: 4/1/2013</div> <div>SIGNED: </div> <div>Work Order: 00001052</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>Chris Palage Certified Repair Station No. 7TLR012B</div> <div>Printed by EBis 3 (datcomedia.com)</div> </div>



Date 4/25/2013

# Airframe Logbook Entry

W/O# 12869

CRS AWKR298C

AIRCRAFT: N 122jk

25170 Aviation Ave., Davis, CA 95616

S/N: 0473

Tach / Flight

55.7

PERFORMED 50 HR CIRRUS CUSTOMER CARE PROGRAM INSPECTION. NO DEFECTS NOTED. COMPLIED WITH CIRRUS SB 2X-42-09 BY UPDATING MFD CHECKLIST FILE WITH NO DISCREPANCIES NOTED. ADJUSTED NOSE AXLE TENSION UP AND SAFETIED. ADJUSTED NOSE FORK TENSION TO WITHIN SPEC AT 20 - 25 LBS AND SAFETIED.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency:**

Signed: [Signature]

ENGINE MODEL:  
TSIO-550-K  
ENGINE S/N: 1007877  
REG. NO N122JK  
WORK ORDER:  
6146-03-2014



## Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 4/1/2014  
A/C TSN: 217.7  
ENG TT: 217.7  
FLIGHTTIME: 217.7

## Engine Entries

C/W a Annual Engine Inspection IAW Cirrus SR 22T MM and IG. AD's researched to date. Researched Cirrus SB's date. Cleaned engine. Drained oil and sample taken. Serviced w/ 7 qts of AeroShell 15w-50 and a new Tempest AA48108-2 filter installed. Quick drain verified closed and filter torqued and safetied. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service bulletin SB03-3, Compression: #1 - 76/80, #2 - 72/80, #3 - 75/80, #4 - 71/80, #5 - 72/80, #6 - 74/80. TCM min for day 47/80. External magneto timing checked and adjusted to 24 deg BTDC +/- 1 degree. Tested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this Powerplant has been inspected IAW a Annual Inspection and was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed: ---Adjusted engine idle RPM, idle lean rise, low fuel pressure and static fuel pressure IAW Continental SID-97-F, functional and leak check satisfactory.

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

DATE: 4/1/2014

SIGNED: [Signature]

Work Order: 6146-03-2014

Wilder Morey  
Certified Repair Station No. 5TCR105B

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

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

DATE

MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6146-03-2014



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 4/1/2014  
A/C TSN: 217.7  
FLIGHTTIME: 217.7

### Airframe Entries

C/W a Annual Airframe Inspection IAW Cirrus SR 22T MM and IG. AD's researched to date. Cirrus SB's researched to date. Tested ELT IAW FAR 91.207 (d). No defects noted. Ground run, ops and leak check satisfactory. I certify that I have inspected this Airframe IAW an Annual Inspection, and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed: ---Researched AD's through issue 2014-06. ---Removed leaking Oleo strut P/N 27057-002-E and installed new Oleo strut P/N 27057-002-E IAW with Cirrus AMM 32-20. ---Serviced aviators breathing to 200psi, functional and leak check satisfactory.

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

DATE: 4/1/2014

SIGNED:

Work Order: 6146-03-2014

PROP MODEL:  
PROP S/N:  
REG. NO: N122JK  
WORK ORDER:  
6146-03-2014



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 4/1/2014  
A/C TSN: 217.7  
PROP TT: 64.9  
FLIGHTTIME: 217.7

### Prop Entries

C/W a Annual Propeller Inspection IAW Cirrus SR 22T MM and IG. Dressed and painted blades. AD's researched to date. Cirrus SB's researched to date. Ground run, ops and leak check satisfactory. I certify that I have inspected this propeller IAW a Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:

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

DATE: 4/1/2014

SIGNED:

Work Order: 6146-03-2014

Wilder Morey  
Certified Repair Station No. 5TCR105B

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

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



Repair Station No. YD5R855Y  
4961 Airport Road  
Duluth, MN 55811  
Phone: 218-788-3049

**SIGNED:**

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MAKE: Cirrus  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
6918-05-2015



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 5/29/2015  
A/C TSN: 328.8  
FLIGHTTIME: 328.8

#### Airframe Entries

C/W a Annual Airframe Inspection IAW Cirrus SR 22T MM and IG. AD's researched to 2015-10. Cirrus SB's researched to date. Tested ELT IAW FAR 91.207 (d). No defects noted. Ground run, ops and leak check satisfactory. I certify that I have inspected this Airframe IAW an Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed: ---R/R pilot cup holder with P/N 51179-001 IAW AMM. ---Repositioned alternator power wire to secure location to prevent chaffing on TKS line. ---CO2 detector inop. Removed P/N: 454-201-001B S/N: 20295. Installed CO2 detector P/N 24660-004 S/N 11867 IAW AMM. Functional check satisfactory.

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

DATE: 5/29/2015

SIGNED:

Work Order: 6918-05-2015

Bill Ahmann  
Certified Repair Station No. 5TCR105B

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MAKE: Cirrus Design Corp  
MODEL: SR-22T  
S/N: 0473  
REG. NO: N122JK  
WORK ORDER:  
7405-03-2016



### Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B  
8891 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 3/25/2016  
A/C TSN: 403.6  
FLIGHTTIME: 403.6

#### Airframe Entries

C/W a Annual Airframe Inspection IAW Cirrus SR 22 MM and IG. AD's researched to date. Cirrus SB's researched to date. Tested ELT IAW FAR 91.207 (d). No defects noted. Ground run, ops and leak check satisfactory. I certify that I have inspected this Airframe IAW an Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed: ---reviewed AD'S thru 2016-6---Performed CAPS test on Concord battery IAW ICA and MM. Functional check satisfactory. ---C/W with Precise Flight ICA annual inspection requirements for the built in oxygen system. ---Removed pilots interior door panel and inspected for evidence of crack/debonding. No evidence detected. Exterior crack appears to be paint/bondo/cosmetic only. ---Repaired pilot and rear right cup holders. Functional check satisfactory. ---Repaired damaged screw holes in lower L/H wing root fairing utilizing techniques and materials IAW AMM Chapter 51 and standard practices. ---no action taken at this time---C/W MSB2X-28-12R1 Electric fuel pump inspection. No leaks noted. ---Complied with MS32x-52-08R1 by installation of Kit P/N 70544-001 on both pilot and co-pilot door IAW MSB2x-52-08R1 and AMM.

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

DATE: 3/25/2016

SIGNED:

Work Order: 7405-03-2016

Bill Ahmann  
Certified Repair Station No. 5TCR105B

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

AIRCRAFT TIME  
IN SERVICE

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

MAKE: Cirrus Design Corp  
MODEL: SR-22T  
S/N: 0473  
REG. NO. N122JK  
WORK ORDER: 8261-04-2017

Naples, Dba:

DATE: 7/1/2017  
A/C TSN: 542.8  
FLIGHTTIME: 542.8

## Airframe Entries

C/W a Annual Airframe Inspection IAW Cirrus SR 22 MM and IG. AD's researched to date. Cirrus SB's researched to date. Tested ELT IAW FAR 91.207 (d). No defects noted. Ground run, ops and leak check satisfactory. I certify that I have inspected this Airframe IAW an Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed: ---Complied with AD search through issue 2017-12. ---C/W a Annual Inspection Precise Flight Oxygen System, IAW Precise Flight Oxygen Instructions For Continued Airworthiness. I have inspected Precise Flight Oxygen System IAW a Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. ---R/R #1 battery with new Concord RG24-15M. ---C/W Precise Flight ICA scheduled maintenance inspection. Removed oxygen bottle for 5 year hydrostatic test. Installed oxygen bottle and serviced, operational check satisfactory. Next hydrostatic test due 6/10/2022. ---C/W AD 16-21-04 Oil cooler Cross Fitting. Previously complied with by compliance with Continental CSB15-2. ---Installed new Software Datacard P/N 31145-001 IAW Cirrus SR22 SB 2X-42-12, configured Cirrus Perspective System, operational check satisfactory. ---C/W Cirrus Service Bulletin SB 2X-28-12R1, Electric Fuel Pump Inspection. Performed operational check and visual inspection, no defects noted at this date and time. ---Performed Magnetometer Calibration IAW AMM Chapter 34-20. Next calibration due July 2019. ---R/R #2 batteries with new PN 50979-001 IAW AMM. Next due July 2019. ---R/R left side MLG tire with new PN 156E06-1 and Rotated Right side MLG tire, replaced both wheel bearing O'rings PN 31493-110 IAW cirrus SR22T AMM and Beringer MM. ---R/R all brake linings with new PN 31392-105 IAW cirrus SR22T AMM and Beringer MM.

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

Twin Cities Aviation FAA Repair Station # 5TCR105B  
8891 Airport Rd Blaine, MN 55449 (763) 784-9165

DATE: 7/1/2017

SIGNED:

Aaron Simmons

Work Order: 8261-04-2017

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# INSPECTION RECORD

## F.A.R. 43.11-91.409

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION—STATUS  
SIGNATURE — CERT. NO. OF PERSON APPROVING

N122JK

STEEL AVIATION  
AIRFRAME LOG

DATE 09/24/2018

Hobbs 659.1

MAKE Cirrus

TACH 560.0

Model SR22T

S/N 0473

1.C/W ANNUAL inspection I/A/W FAR 43 APENDDDIX D, Using Cirrus AMM as a guide.

2. C/W ELT inspection IAW FAR 91.207(D). no Defects noted. Next inspection due 8/2019. ELT battery next due 02/2020

3. R&R TKS filter P/N 21986-203

4. R&R RH & LH wing walk P/N 18063-005 &-006

5.C/W SB2X-79-07R1

6.C/WSB2X-32-22R2

7.C/W SB2X-32-23-R1

8. C/W 5 year O2 hydro test & valve cert

9. R&R cup holder P/N 51179-001

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

279621209 A/P I/A Richard Booze

*Richard Booze*