

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

ce Record  
cial Inspections,

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: N323BM  
WORK ORDER:  
13038-08-2013

**Ruby Valley Aviation L.C.**  
75 Airport Road  
Twin Bridges, Montana 59754  
Phone: 406-684-5335

*Out of Order*

DATE: 8/22/2013  
A/C TSN: 202.9  
ENG TT: 99.9  
TSMOH:  
HOBBS: 202.9

**Engine Entries**

Drained oil and removed filter. Installed a new oil filter and serviced with 8 qts Phillips 20 W 50 XC oil. Engine was run up and leak checked

The items identified above were inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.  
Chief Inspector for FAA Certified Repair Station No. Y5VR482Y.

DATE: 8/22/2013

SIGNED:

*Michael Y5VR482Y*

Work Order: 13038-08-2013

970264  
226.7  
226.7  
226.7  
226.7

# AIRCRAFT DESCRIPTION

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

SERIAL NUMBER 0069 REGISTRATION NUMBER N323BM

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 \_\_\_\_\_

2013

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	TS20-550K	R 1003149
ENGINE			L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13YIF-1N	R NJ400B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			


2013

## MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE  
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT  
SA01708SE

CDC  on 12 / 2 / 10  
Cirrus Design Corporation Duluth, MN USA  
PC# 338CE

2013

## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

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.
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Life Limited Parts SR22T			
PART NAME	PART NUMBER	S/N	EXPIRES
CAPS Rocket Motor	26601-001	S/N 0007	08/3/2020
CAPS Parachute	25337-002	S/N 0087	12/8/2020
CAPS Reefing Line Cutters	26707-001	S/N <del>170366</del> S/N <del>170367</del>	10/2016
ELT Battery Pack	<del>455-6608</del> 452-6499	Date Installed 12-15-10	10/2016
EMA Controller, AAIR	20902-001	A18A0610-115 S/N _____	08/2017
Oxygen Bottle Assembly	102N0100-1	MFG Date 09/10	09/2025
CO Detector	24660-002	S/N 91449	11/2017
Pilot Seat Inflator Assembly	20902-002	ARST 251W S/N 20025	9/1/2019
Co-Pilot Seat Inflator Assembly	20902-002	ARST 251W S/N 20026	9/1/2019

9940 Due 10/30/21  
 9942  
 9/26/2016 Due 9-2023  
 Mitchell

2013

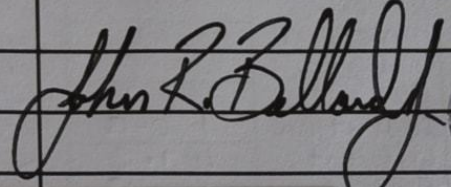

## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

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CAPS Parachute	25337-002	S/N 0087	12/8/2020
CAPS Reefing Line Cutters	26707-001	S/N (L)0366 S/N (R)0367	10/2016
ELT Battery Pack	<del>455-6608</del> 452-6499	Date Installed 12-15-10	10/2016
EMA Controller, AAIR	20902-001	A18A0610-115 S/N _____	08/2017
Oxygen Bottle Assembly	102N0100-1	MFG Date 09/10	09/2025
CO Detector	24660-002	S/N 91449	11/2017
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Co-Pilot Seat Inflator Assembly	20902-002	ARST 251W S/N 20026	9/1/2019

9940 Due 10/2021  
 9942  
 9/26/2016 Due 9-2023  
*[Signature]*

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.G. BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
		12/29/10 10.0	Searched AD's through bi-weekly issue <u>2010-26</u> . All AD's are in compliance at this time.			 

MAKE: Cirrus  
 MODEL: SR22T  
 S/N: 0069  
 REG. NO: 323BM  
 WORK ORDER:  
 14035-01-2011



### Cirrus Design Factory Service Center

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

DATE: 1/19/2011  
 A/C TSN: 18  
 HOBBS: 23.5

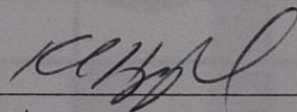
#### AD Entries

(3) (FLT TIME: 18 Hrs.) Researched AD's and Mandatory Service Bulletins thru current Bi-Weekly 2011-01. All AD's and MSB's are in compliance at this time.

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

DATE: 1/19/2011

SIGNED:



Work Order: 14035-01-2011

Karl Hagglund  
 Certified Repair Station No. YD5R855Y

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2X-7-16	Flaps					
2X-57-11	Wings	12-16-11 125.2	Inspection	1-Time	—	H Jones ATP 3496061
2X-71-17A	Engine	8-16-11 103.0	Rework induct seals	1-Time	—	Ruby Valley Aviation
2X-74-01	Spark plugs	12-12-11 125.2	No Action Taken			H Jones ATP 3496061
2011-25-51	Spark Adapters	12-16-11 125.2	AD does not apply By eng manufact	1-Time	—	H Jones ATP 3496061
2104-04	Hyd. lifter wear	12-16-11 125.2	AD does not apply By eng man. disk	1-Time	—	H Jones ATP 3496061

2013





E RECORD

AUTHORIZED SIGNATURE  
CERTIFICATE NO.

# ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROX AGENCY
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I certify that the altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413, & 91.217 have been performed and found within the limits of FAR 43 appendices E & F and AC 43-6B.

TESTED TO 25,000 FEET ON 12/14/10.

Transponder: Mfg Garmin P/N 24653-001  
Model: GTX-33 S/N 89120767.

Air Data Computer: Model GDC74A P/N 24651-001  
S/N 20609655.

Altimeter: Mfg United P/N 12731-003  
S/N 460204.

CDC Quality Assurance  on 12/14/10.

Cirrus Design Corporation Duluth, MN USA

PC# 338CE



# 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  
S/N: 0069  
REG. NO: 323BM  
WORK ORDER:  
14056-01-2011



### Cirrus Design Factory Service Center

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

DATE: 1/29/2011  
A/C TSN: 22.7  
FLIGHTTIME: 22.7

#### Airframe Entries

(2) Installed Shielded Alt 1 and Alt 2 Field Wires IAW CDC Repair Deviation R10257. Function check satisfactory.

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

DATE: 1/29/2011

SIGNED:

*Joseph Sullivan*

Work Order: 14056-01-2011

Joseph Sullivan  
Certified Repair Station No. YD5R855Y

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MAKE: Cirrus Design  
MODEL: SR22T  
S/N: 0069  
REG. NO: N323BM  
WORK ORDER:  
11055-08-2011



### Ruby Valley Aviation L.C.

75 Airport Road  
Twin Bridges, Montana 59754  
Phone: 406-684-5335

DATE: 8/16/2011  
A/C TSN: 103  
HOBBS: 103

#### Airframe Entries

Complied with Cirrus SB 2X-71-17 Rework of induction airbox seals... Retorqued "B" nut on filler valve and serviced oxygen system... Cleaned and inspected fuel strainer no contamination was found

The items identified above were inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.  
Chief Inspector for FAA Certified Repair Station No. Y5VR482Y.

DATE: 8/16/2011

SIGNED:

*Mark Y5VR482Y*

Work Order: 11055-08-2011

21 Feb 2012 Hobbs 138.6 Hrs Replaced nose tube with New  
P/N 302-013-400 - *[Signature]* ADP 3127593

2013

MAKE: Cirrus Design  
MODEL: SR22T  
S/N: 0069  
REG. NO: N323BM  
WORK ORDER:  
14009-02-2014



### Ruby Valley Aviation L.C.

75 Airport Road  
Twin Bridges, Montana 59754  
Phone: 406-684-5335

DATE: 3/7/2014  
A/C TSN: 226.7  
HOBBS: 226.7

#### Airframe Entries

Function tested ELT per FAR 91.207 (d) and found the ELT function was normal. Battery is due 10-2016... Complied with Cirrus SB2X-79-01R2 oil line clamping.... Installed new ducting from airboxes to the alternate air valve... Inspected elevator hinge pins per Cirrus SA 13-05 and found them to be serviceable... I certify this Aircraft has been inspected in accordance with an annual inspection per FAR Part 43 Appendix D and was found to be in an airworthy condition.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 3/7/2014

SIGNED:

Work Order: 14009-02-2014

2013 ANNUAL INSPECTION CAN BE FOUND IN  
FILES FORWARD →

# 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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Date 6/20/14 HOBBS TACH / TSO / TAT / 228.2, REG# N 323BM  
 Complied with SB2X-28-11R2 by replacement of fuel vent lines in TKS tanks leak check good. Complied with SB2X-71-25 by installing flange stiffeners to intercoolers. Complied with SB2X-77-04R1 by installing Cirrus Kit PN# 70264-001 ops and leak check good. Installed left intercooler after flange repair by AWT P# AC-14101733.

I CERTIFY THAT THE ABOVE MAINTENANCE / REPAIR WAS ACCOMPLISHED / INSPECTED IAW CURRENT FAR AND FOUND AIRWORTHY FOR RETURN TO SERVICE.

SIGNED Jerry McJure

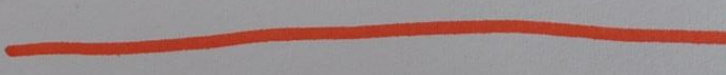
CERT A+P 2738734

WORK ORDER AC-11907



4170 US HWY. 2 EAST KALISPELL MT. 406-755-5362

2013

SEE SIX PAGES FORWARD FOR 2013  
ANNUAL FNSP 

DATE OF  
COMPLETION

NO.  
D SERVICE

DATE OF  
COMPLETION

N323BM Aircraft Log

SR-22T S/N 0069

Annual Inspection

April 30, 2015 Hobbs reads 302.3 hrs, ACTT 302.3 hrs, Engine TSMOH 302.3 hrs, Prop TSMOH 302.3 hrs.

ELT Battery Due Oct 2016. Inspected landing gear, wheels, tires and brakes. Replaced nose wheels

bearings and races on condition, installed (2) 214-00300 cup and (2) 214-00400 cone. Replaced left and

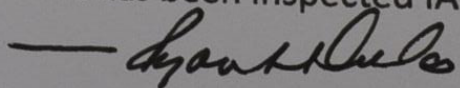
right main gear tires on condition, installed (2) 156E61 tires and (2) 097-55-00-0 tubes. Cleaned and

repacked wheel bearings. Serviced aircraft battery. Inspected flight controls, cables, pulleys, and hinges.

Lubricated hinge points. Checked fuel lines, tanks, and vents. Checked ELT operation IAW

FAR91.207D(1-4). AD 2012-01-11 Air box Flange Welds PCW per SB 2X-71-17 by Ruby Aviation RS#

Y5VR482Y. I certify this aircraft has been inspected IAW an annual inspection and was determined to in  
an airworthy condition.

 AP2754581 FA

# 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

CERTIFICATE NO.  
RETURNED TO SERVICE

DATE

AIRCRAFT TIME  
IN SERVICE

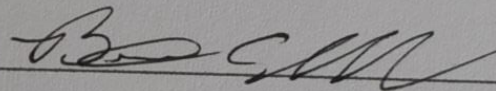
28 Dec 10

10.0 hr

Production Flight Test accomplished in accordance with  
Cirrus Procedure #90504.

Name: Brett Schelde

Date 28 Dec 10

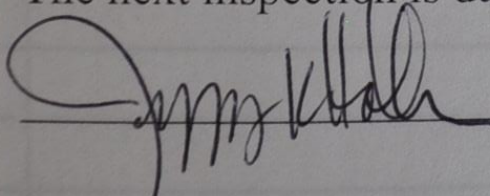
Signature: 

Title: Production Flight Test Pilot

12/29/10

10.0

I find that the aircraft meets the requirements for the  
certification requested and have issued a Standard  
Airworthiness Certificate dated 12 / 29 / 2010.  
The next inspection is due 12 / 31 / 2011.



Jeffrey K. Holter

DMIR410073CE

2013



# INSPECTION RECORD

## F.A.R. 43.11-91.409

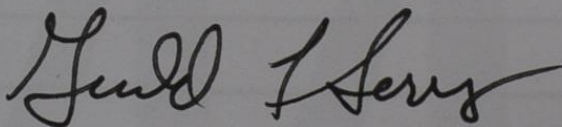
Quality Aviation, Inc.  
3401 W. Trunk Hwy 21  
Faribault, MN 55021  
1-866-865-1777

N323BM Aircraft Log book entry.

Date: 12/16/11 Hobbs: 125.4 Flight Hobbs: 102.4

Complied with a Annual inspection in accordance with the SR22 Maintenance manual . The air filters were inspected and cleaned. TCM SID97-3E was complied with and found to be satisfactory. Replaced all four fuel transducer dials, P/N 18484-501 with new. Complied with Cirrus SB2X-57-11 inspection of the flap torque tube end fitting. **I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.**

Gerald L. Serres A&P IA 3496061



N323BM

Date: 01

Complied  
manual a  
with new  
002-E. C  
Complie  
with Cir  
SB2X-7  
SB2X-2  
with Cir  
has been

G

# INSPECTION RECORD

## F.A.R. 43.11-91.409

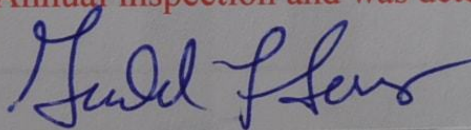
Quality Aviation, Inc.  
3401 W. Trunk Hwy 21  
Faribault, MN 55021  
1-866-865-1777

N323BM Aircraft Log book entry.

Date: 01/10/13 Hobbs: 187.2 Flight Hobbs: 156.3

Complied with an Annual inspection in accordance with 14 CFR 43, Appendix D using the SR22 Maintenance manual as a guide. TCM SID97-3E was complied with and found to be satisfactory. The air filters were replaced with new, P/N 27166-001. Replaced the nose landing gear shock strut with a newly overhauled unit, P/N 27057-002-E. Complied with Cirrus Service Bulletin SB2X-71-20 inspection of the alternate intake air door hinge pin. Complied with Cirrus Service Bulletin SB2X-57-13R2 lower landing gear attach bracket bolt torque. Complied with Cirrus Service Bulletin SB2X-71-18R2 installed LH induction lift kit. Complied with Cirrus Service Bulletin SB2X-71-19R1 relocate air oil separator and replace mounting clamp. Complied with Cirrus Service Bulletin SB2X-27-16R1 Mod to prevent possible asymmetric flap and flap actuator over extension conditions. Complied with Cirrus Service Bulletin SB2X-71-22 alternate air assembly bracket reinforcement. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Gerald L. Serres A&P IA 3496061



2013

MAKE: Cirrus Design  
MODEL: SR22T  
S/N: 0069  
REG. NO: N323BM  
WORK ORDER:  
16050-09-2016



### Ruby Valley Aviation L.C.

75 Airport Road  
Twin Bridges, Montana 59754  
Phone: 406-684-5335

DATE: 9/26/2016  
A/C TSN: 275.7  
HOBBS: 275.7

#### Airframe Entries

Installed a new Battery and function tested ELT per FAR 91.207 (d) and found the ELT function was normal. Battery is due change 9-2023... Installed a Pyrotechnic Line Cutters in accordance with Cirrus Airframe Parachute System Maintenance Manual, chapter 95-01-01. And figures 95-01-015, 95-01-016. Installed Serial numbers are 9940 and 9942 due change next on 10-2021... I certify this Aircraft has been inspected in accordance with an annual inspection per FAR Part 43 Appendix D and was found to be in an airworthy condition.

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for work performed. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 9/26/2016

SIGNED:

*Michael V. R. 4821*

Work Order: 16050-09-2016

502

46