

AIRCRAFT LOG
AF5-1



BFF

noaa.gov
/2020

BFF

CC at

5

018



Base Coat Colors:
Sterling Silver

SGM 06660

Athens Blue

SGP 200007

Use compatible primer and clear per
AMM and SW product data sheets

North America 1.888.888.5593

International 316.733.7576

www.swaerospace.com

415 E. Commerce Street

Andover, KS (USA) 67002

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp MODEL SR22T DATE OF MFG. SEP-2016
SERIAL NUMBER 1438 REGISTRATION NUMBER N12GT

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status (Check one)

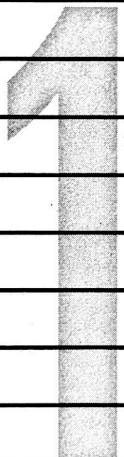
- F.A.R. 91.409 ANNUAL/100 HOUR
- F.A.R. 91.409 PROGRESSIVE
- F.A.R. 135.419 A.T.C.O.
- OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc	TSIO550 K	R 1032726
ENGINE			L
PROPELLER	Hartzell Propeller Inc	PHC-J341F-1N	R NS1391B
PROPELLER			L
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			



MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

8-9-16

STC SA01708SE (Fixed Oxygen System) has been installed on this aircraft. Approval for installation has been granted by the STC holder via a Licensing Agreement and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for this installation.




CDC 18 on 8/9/16
Cirrus Design Corporation Duluth, MN USA
PRODUCTION CERTIFICATE NO. 338CE

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
Life Limited Parts SR22T						
PART NAME	PART NUMBER				EXPIRES	
CAPS Rocket Motor	29500-004		S/N 1008		08/2026	
CAPS Parachute	29696-004		S/N B0806N		07/2026	
CAPS Reefing Line Cutters	26707-002		S/N 2152 S/N 2102		05/2026	
ELT Battery Pack	452-6504-1				09/2022	
EMA Controller, AAIR	20902-001		S/N A01JUN16-53		06/2023	
Oxygen Bottle Assembly	102N0100-1		MFG Date 04/2016		04/2031	
CO Detector	24660-002		S/N 96318		08/2023	
Pilot Seat Inflator Assembly	20902-005		271523 S/N 42039		05/2026	
Co-Pilot Seat Inflator Assembly	20902-005		271523 S/N 42154		05/2026	

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED
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 43-6C.						
TESTED TO 25,000 FEET ON AUG 18 2016						
Transponder: Mfg <u>Garmin</u> P/N <u>24653-002</u>						
Model: <u>GTX-33ES</u> S/N <u>89135387</u>						
ADC 1: Model <u>GDC74A</u> P/N <u>24651-001</u>						
S/N <u>20623051</u>						
ADC 2: Model <u>GDC74A</u> P/N <u>24651-001</u>						
S/N <u>20623070</u>						
Altimeter: Mfg <u>MD 302</u> P/N <u>30499-004</u>						
S/N <u>F16-10436</u>						
CDC Quality Assurance  on <u>8/18/16</u>						
Cirrus Design Corporation Duluth, MN USA						
PC# 338CE						

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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Maine Aviation
Aircraft Maintenance, LLC.

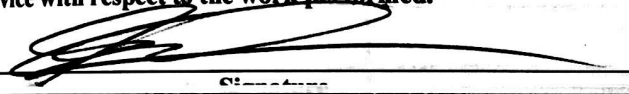
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(207) 780-1811 • Fax (207) 772-6900

CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Hobbs	ACTT
2/6/2017	40695	N12GT	Cirrus SR22T	1438	67.1	67.1

Cleaned and inspected antenna connections at GDL69A and XM antenna.
Enabled the "Dual Bearing Pointer" option in the G1000.

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.


Signature

CRS FSER011E

Type and Certificate Number

WISCONSIN AVIATION FOUR LAKES, INC.

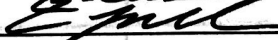
DESCRIPTION OF WORK DONE:

N15486

Removed Transponder GTX-33 P/N 011-00779-30 S/N 89135387. Installed Overhauled replacement P/N 011-00779-30 S/N 89105176. Performed Perspective S/W Update to v0764.35 IAW Cirrus SR22 SB2X-42-12. Performed post configurations and ops checks including Transponder correspondence check IAW FAR 43 app. F. Ramp check good.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 7/26/17 HOBBS: 0171.3 WO#: AV17-15486 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

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

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CRS FSER011E



51179-001

HOLDER, DRINK FOLDING

Cirrus Aircraft

Date	WO#	Registration	Type/Model	SN
02-06-17	40694	N12GT	Cirrus SR22T	1438

- Replaced broken copilot's cup holder with new p/n 51179-001 Cup Holder
- Serviced oxygen to full

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

Ed P. Bush
Signature

CRS FSER011E
Type and Certificate Number

Maine Aviation
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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
06-30-17	41219	N12GT	Cirrus SR22T	1438	123.4	-----

- Replaced lt. cockpit door trim panel with new p/n 37638-015 Door Panel
- Replaced rt. cockpit door trim panel with new p/n 37639-015 Door Panel
- Replaced center console arm rest with new p/n 12222-106 Arm Rest
- Replaced worn lt. and rt. brake linings with new p/n 31392-105 Linings
- Serviced air conditioning system with 1.8 lbs. of R134

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

Ed P. Bush
Signature

CRS FSER011E
Type and Certificate Number

MAINTENANCE RECORD F.A.R. 43.9

Maine Aviation
Aircraft Maintenance, LLC.

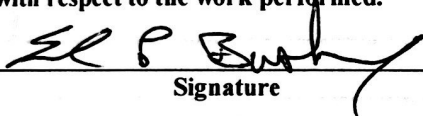
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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
07-14-17	41287	N12GT	Cirrus SR22T	1438	129.7	-----

- Swapped #5 and #3 CHT Probes for troubleshooting and cleaned connectors—ground checks ok
- Serviced oxygen to full

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.


Signature

CRS FSER011E
Type and Certificate Number

Date: 7/25/2017; Aircraft: N12GT; Type: CIRRUS SR22T; S/N: 1438; Hobbs: 136.9; Total Time: 136.9
Flt: 136.9 Hobbs: 171.3.

*****Airframe Work*****

Complied with SB2X-32-23 by adjustment of nose tire pressure to 40-50 psi and adjustment of force required to rotate nose gear fork. Complied with SB2X-32-22R1 by dye penetrant inspection of nose gear strut tube and left and right gusset tubes, no defects noted. Jacked airplane and checked for free rotation of left MLG wheel assembly. Cycled brake several times, could not duplicate. Removed left wheel assembly and inspected brake assembly, slave cylinders can be moved by hand. Re-installed left wheel, safetied and took brake fluid sample, sample good. No binding on either MLG wheel Assembly. Serviced brake reservoir with MIL-PRF-27257. Functional check normal.

All work performed in accordance with approved/current technical data.

Chris Shaffer
AP32185241A



Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK
10/4/17	173.7 Tach	This aircraft has been inspected and has been found safe for the intended flight in accordance with special flight permit dated 10/2/2017	MITCHELL BUCKLEY ME BNT 2830244 APR I

PAYMENT TERMS NET 30
 TAX CODE
 DATE ORDERED 10/11/17
 12/17

Maine Aviation
Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
10-25-2017	41643	N12GT	Cirrus SR22T	1438	174.5	174.5

Inspected Airframe I/A/W Cirrus Maintenance Manual Chapter 5-20 Scheduled Maintenance Inspection Report Dated 23, 2016
 C/W ICA for STC SA01708SE Built in Oxygen System for Cirrus Aircraft
 C/W ICA for Tanis Engine per Heat System
 C/W ICA for Astronics Max-Ziv System
 Updated AD list Per IA Approach current as of this date.
 Serviced Nose Gear Oleo Strut to 2.5 Inch extension
 Replaced Right Hand Main Landing Gear Paint Protection Shield on Wheel Pant and Strut Fairing PN: AK -009-G3/Main and AK 009-G3/RS
 Replaced "No Step" Placard on L/H wing Root Fairing at Trailing Edge PN: 12433-001
 Replaced Top Engine Cowling, Tailing Edge to Fuselage, Seal PN: 53722-063
 Adjusted Engine Idle RPM
 I certify that this Aircraft has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition.
 All applicable AD Notes have been complied with and this aircraft is approved for return to service.

Signature *Amel E. Elso*
 MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
 REPAIR STATION FSER011E

Statements in accordance with regulations by the user.
 FAA Form 8130-3 (02-14)

AIRFRAME RECORD
F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
 WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus Design Corp
 MODEL: Sr22t
 S/N: 1438
 REG. NO: 12GT
 WORK ORDER:
 1115-03-2018

East Coast Aviation Service, Inc.
 Repair Station No. FAA CRS 9ESR403B
 2580 SE Aviation Way
 Ste 102
 Stuart, FL 34996
 Phone: 772 781 0610

DATE: 3/23/2018
 A/C TSN: 226
 HOBBS: 280.9

Airframe Entries

(5) Lubricated throttle and mixture cable... (6) C/W SB 2X-32-22R2 Nose Landing Gear Strut Inspection no discrepancies noted at this time.

The aircraft and/or component(s) on 12GT was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. *Pertinent details of the repair are on file at this repair station under Work Order No. 1115-03-2018

DATE: 3/23/2018

SIGNED:

Richard John Epler
 Certified Repair Station No. FAA CRS 9ESR403B

Work Order: 1115-03-2018

Printed by EBis 3 (datcomedia.com)

6/13/18 326.0

R+R'd both main tires with new 15x6.00-6 Flight custom 2's and serviced to 75 PSI. All work performed I.A.W. current FAR's and aircraft is airworthy in reference to the work performed.

Mitchell Buckley
 2830244 APJA

MAINTENANCE RECORD

Maine Aviation
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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Hobbs	Flight
8/22/2018	42817	N12GT	Cirrus SR22T	1438	367.3	294.9

Recalibrated STBY Instrument IAW MFR's manual no. 9017782 rev. K with no defects noted.

Performed 24 month certifications of the pitot/static system and the following equipment to 25,000 ft: #1 GDC 74A p/n 24651-001 s/n 20623051, #2 GDC 74A p/n 24651-001 s/n 20623070, MD 302 STBY Instrument p/n 30499-004 s/n F16-10436, and GTX 33ES XPDR p/n 24653-002 s/n 89135387. The altimeter system & altitude reporting equipment tests & inspections required by FAR part 91.411 paragraph (a.1) have been performed & found to comply with FAR part 43 Appendix E & F and is approved for return to service. The ATC transponder tests and inspections required by FAR part 91.413 paragraph (a) have been performed and found to comply with FAR part 43 Appendix F and is approved for return to service.

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.



Signature

CRS FSER011E
Type and Certificate Number

Maine Aviation
Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
08-22-18	42816	N12GT	Cirrus SR22T	1438	294.9	294.9

- Replaced cracked lt. and rt. induction air boxes with 2 new p/n 26367-002 Air Boxes
- Serviced oxygen and tire pressures

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.


Signature

CRS FSER011E
Type and Certificate Number

~~50~~

MAINTENANCE RECORD F.A.R. 43.9

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
11-12-18	43081	N12GT	Cirrus SR22T	1438	315.5	315.5

Inspected iaw Cirrus SR22 Maintenance Manual Annual Inspection Guide
Complied with FAR 91.207(d) ELT Inspection Battery Due: Feb 2025

The following service bulletins were complied with:

- 2X 32-22 R2 "Nose Landing Gear Strut Inspection"
- 2X 53-06 "Vertical Stabilizer Skin Inspection"
- 2X 74-02 "Ignition Switch Security"
- 2X 79-07 R1 "Oil Return Line Chafing"
- 2X 95-24 R1 CAPS Rocket Shelf Ground Wire"

The following discrepancies were noted and corrected:

- Replaced unserviceable ELT battery with new p/n 452-6504-1 Battery

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this aircraft is approved for return to service.

Signature 
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
REPAIR STATION FSER011E

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

PACKING SLIP
CUSTOMER'S SALES ORDER NO. 188268**
PACK SLIP NO.

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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Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
03-20-19	43573	N12GT	Cirrus SR22T	1438	346.3	346.3

- Replaced worn lt. and rt. brake linings with new p/n 31392-105 Linings
- Serviced oxygen and tire pressures

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.


Signature

CRS FSER011E
Type and Certificate Number

CATE NO.
ED TO SERVICE

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

12 SEP 2016

3.6

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

Name: Justin Krom Date 12 SEP 2016

Signature: 

Title: Production Flight Test Pilot

13 SEP 2016

3.6

I find that the aircraft meets the requirements for the
certification requested and have issued an U.S. Standard
Airworthiness Certificate dated 13 / SEP / 2016
The next inspection is due 30 / SEP / 2017.



Aaron S. Knudsen
293766879