

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



Base Coat Colors:

Poseidon

SGP 202595

Snow White

CM0855102

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](http://www.swaerospace.com)**

**415 E. Commerce Street**

**Andover, KS (USA) 67002**

# AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp MODEL SR22T DATE OF MFG. FEB 2024  
 SERIAL NUMBER 9794 REGISTRATION NUMBER N414LE

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 Aerospace Technologies Inc.	TSLO-530-K	R 1046557 L
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	4CI-F650A1	TM587
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
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ENGINE			
PROPELLER			
PROPELLER			

# INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	1824P		R
			L
ENGINE			R
			L
PROPELLER	1824		
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

# MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION
01/09/24	<p>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.</p> <p>CDC  on 01/09/24  Cirrus Design Corporation Duluth, MN USA  <b>PRODUCTION CERTIFICATE NO. 338CE</b></p>
01/12/24	<p>STC SA04440CH (4 Blade Propeller) 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.</p> <p>CDC  on 01/12/24  Cirrus Design Corporation Duluth, MN USA  <b>PRODUCTION CERTIFICATE NO. 338CE</b></p>

## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

[illegible]

3./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.
		22 FEB 24 2.5 HRS	<p>All Airworthiness Directives have been reviewed through bi-weekly issue <u>2024-03</u>.</p> <p>At this time, there are no Airworthiness Directives which are applicable to this aircraft, aircraft engine, propeller or its accessories.</p>			
		22 FEB 24 2.5 HRS	<p>All mandatory Service Bulletins that apply to Cirrus Design Corporation Model SR <u>22T</u> S/N <u>9794</u> have been verified to be incorporated and/or not applicable at this time.</p> <p>CDC  on <u>22/FEB/2024</u>            Cirrus Design Corporation Duluth, MN USA  <b>PC# 338CE</b></p>			

2024-03

All mandatory Service Bulletins that apply to  
Cirrus Design Corporation  
Model SR 22T S/N 9794  
have been verified to be incorporated and/or  
not applicable at this time.

CDC 1023 on 22/FEB/2024  
 Cirrus Design Corporation Duluth, MN USA  
 PC# 338CE



## ALTIMETER & STATIC SYSTEM CHECKS

[illegible]



# 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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wo: M24-989

Airframe · page 1 of 1



Capital Flight · 3309 Delta Lane · Middleton, Wisconsin 53562 · 1.800.291.3300

**N414LE**

Flight: 24.3

**CIRRUS DESIGN CORP, SR22T, S/N: 9794**

Total Time: 32.3

**March 18, 2024**

Performed Cirrus Maintenance Program Delivery Quality Check II (Initial 25 Hr. Inspection). Performed 25 Hr. inspection of engine IAW Cirrus AMM 5-20. Serviced gascolator IAW Cirrus AMM 28-20 using new o-rings #NAS1523-8B, #MS29513-137.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Capital Flight under work order: M24-989.

Allan O. Checky Jr. A&P, IA 395828185

# 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

wo: M25-001



Airframe - page 1 of 1

Capital Flight - 3309 Delta Lane - Middleton, Wisconsin 53562 - 1.608.291.3360

**N414LE**

Flight: 48.9

**CIRRUS DESIGN CORP, SR22T, S/N: 9794**

Total Time: 65.6

**April 08, 2024**

Performed Cirrus Maintenance Program CMX In-Service Inspection I (50 Hr. Inspection). Researched aircraft records for applicable Airworthiness Directives through current bi-weekly. Researched aircraft records for applicable Cirrus Mandatory Service Bulletins that are due. Performed engine 50 Hr. inspection IAW Cirrus AMM 5-20. Serviced gascolator IAW Cirrus AMM 28-20 using new o-rings #NAS1523-8B and MS29513-137. Serviced brake reservoir IAW Cirrus AMM 12-10.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Capital Flight under work order: M25-001.

Allan O. Checky Jr. A&P, IA 395828185

# 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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wo: M24-1029

Airframe - page 1 of 1



Capital Flight - 3309 Delta Lane - Middleton, Wisconsin 53562 - 1.608.291.3360

**N414LE**

Flight: 96.9

**CIRRUS DESIGN CORP, SR22T, S/N: 9794**

Total Time: 125.0

**May 16, 2024**

Performed Cirrus Maintenance Program CMX In-Service Inspection I (100 Hr. Inspection). Researched aircraft records for for applicable Airworthiness Directives that are due thru current bi-weekly. Researched aircraft records for applicable Cirrus mandatory Service Bulletins that are due. Performed engine 100 Hr. inspection IAW Cirrus AMM 5-20. Serviced gascolator IAW Cirrus AMM 5-30 using new o-rings MS29513-137, and NAS1523-8B. Serviced brake fluid reservoir IAW Cirrus AMM 12-10. Lubricated aircraft IAW Cirrus AMM 12-20 lubrication schedule.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Capital Flight under work order: M24-1029.

Allan O. Checky Jr. A&P, IA 395828185

# 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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# 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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wo: M24-1052



Capital Flight · 3309 Delta Lane · Middleton, Wisconsin 53562 · 1.608.291.3360

**N414LE**  
Flight: 145.4

**CIRRUS DESIGN CORP, SR22T, S/N: 9794**  
Total Time: 185.8

June 21, 2024

1. Performed Cirrus Maintenance Program CMX In-Service Inspection I (50 Hr. Inspection). Researched aircraft records for applicable Airworthiness Directives through current bi-weekly. Researched aircraft records for applicable Cirrus Mandatory Service Bulletins that are due. Performed engine 50 Hr. inspection IAW Cirrus AMM 5-20. Serviced gascolator IAW Cirrus AMM 28-20 using new o-rings #NAS1523-8B and MS29513-137. Serviced brake reservoir IAW Cirrus AMM 12-10.
2. Removed top cowling seal and replaced with new #53722-063.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Capital Flight under work order: M24-1052.

Allan O. Checky Jr. A&P, IA 395828185

Airframe · page 1 of 1

MAKE: Cirrus  
MODEL: SR22T  
S/N: 9794  
REG. NO: N414LE



**Cirrus Factory Service Center**  
Repair Station No. 9B0R988C  
114 Cirrus Landing  
Alcoa TN 37701

W/O #: KTYS40329-06-2024  
DATE: 06-30-2024  
Flight Time: 155.3  
Hobbs: 197.9

### Airframe Entries

- 3 Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2024-12. No ADs due at this time.
- 4 Performed research of the aircraft records for any mandatory service bulletins that are due. No MSBs due at this time.

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 this work order are on file at this Certified Repair Station CRS 9B0R988C.

DATE: 06-30-2024


SIGNED   
Scott Woody  
Repair Station No. 9B0R988C

WORK ORDER: KTYS40329-06-2024  
Printed by EBIS (EBISCloud.com)





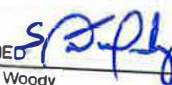
# MAINTENANCE RECORD

## 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: SR22T S/N: 9794 REG. NO: N414LE		 <b>Cirrus Aircraft Factory Service Center</b> Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa, TN 37701	W/O #: PKTYS30139-07-2024 DATE: 07-12-2024 Flight Time: 155.3 Hobbs: 198.4
<b>Entries</b>			
3		Applied new sealant to LH Cabin Door Window IAW Cirrus SR22T IICAW AMM 20-10 and 56-30.	
4		Buffed fuselage AFT of the LH Pax window IAW Cirrus SR22T IICAW AMM 51-20.	
5		Applied new leading edge paint to the LH wing IAW Cirrus SR22T IICAW AMM 30-10.	
6		Minimized scratch on RH PAX Window IAW Cirrus SR22T IICAW AMM 51-20.	
7		Touched up the RH door upper hinge plate IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
8		Applied new leading edge paint to the RH wing IAW Cirrus SR22T IICAW AMM 30-10.	
9		Applied new RH MLG stripe P/N: 1243-XXX-MLG-RH IAW Cirrus SR22T IICAW AMM 11-20.	
10		Repainted the NLG Fairing IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
11		Applied new tow bar aeroshield P/N: FAK-009/G3/TB IAW Cirrus SR22T IICAW AMM 11-20.	
12		Applied new sealant to the windscreen IAW Cirrus SR22T IICAW AMM 20-10 and 56-10.	
13		Applied new leading edge paint to the LH horizontal IAW Cirrus SR22T IICAW AMM 30-10.	
14		Applied new LH MLG stripe P/N: 12343-XXX-MLG-LH IAW Cirrus SR22T IICAW AMM 11-20.	
15		Minimized paint run on the LH cabin door jamb IAW Cirrus SR22T IICAW AMM 51-20.	
16		Applied new stripe protectors to the aircraft IAW Cirrus SR22T IICAW AMM 11-20.	
17		Applied new sealant to RH Cabin Door Window IAW Cirrus SR22T IICAW AMM 20-10 and 56-30.	
18		Painted trailing edge of the LH and RH wingtips IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
19		Painted the RH Wing Cuff IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
20		Removed and reinstalled the spinner IAW Cirrus SR22T IICAW AMM 61-10.	
21		Painted spinner IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
22		Removed and Re-Installed the Engine cowling for paint purposes IAW Cirrus SR22T AMM 71-10.	

# 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
23		Touched up paint on the LH lower cowl IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
25		Applied a new placard to the cowling inlet P/N: 20920-005 IAW Cirrus SR22T IICAW AMM 11-20.	
26		Touched up paint on the LH firewall IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
27		Painted the LH wing cuff IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
28		Touched up paint on LH wing body fairing IAW Cirrus SR22T IICAW AMM 51-20 and 51-30.	
29		Applied new LH and RH NLG stripes P/N: 12343-XXX-NLG-LH and 12343-XXX-NLG-RH IAW Cirrus SR22T IICAW AMM 11-20.	
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 this work order are on file at this Certified Repair Station CRS 9B0R988C.			
DATE: 07-12-2024		SIGNED  Jared Bostic Repair Station No. 9B0R988C	WORK ORDER: PKTYS30139-07-2024 Printed by EBIS (EBISCloud.com)
MAKE: Cirrus MODEL: SR22T S/N: 9794 REG. NO: N414LE		 <b>Cirrus Factory Service Center</b> Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa TN 37701	W/O #: KTYS40427-07-2024 DATE: 07-14-2024 Flight Time: 155.3 Hobbs: 198.4
<b>Airframe Entries</b>			
<ul style="list-style-type: none"> <li>Adjusted glareshield IAW Cirrus SR22T AMM 25-10</li> <li>Secured baggage upper aft panel IAW Cirrus SR22T AMM 25-10.</li> </ul>			
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 this work order are on file at this Certified Repair Station CRS 9B0R988C.			
DATE: 07-14-2024		SIGNED  Scott Woody Repair Station No. 9B0R988C	WORK ORDER: KTYS40427-07-2024 Printed by EBIS (EBISCloud.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: SR22T S/N: 9794 REG. NO: N414LE	 CIRRUS	<b>Cirrus Factory Service Center</b> Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa TN 37701	W/O #: KTYS40483-07-2024 DATE: 09-15-2024 Flight Time: 168.1 Hobbs: 216.2
<b>Airframe Entries</b>			
4 Removed Evaporator ASSY PN#21114-601 SN#6028 and replaced with PN# 21114-601 SN#6499 IAW Cirrus SR22T AMM 21-50.			
6 Performed Operational Test - EVS Camera. Video feed displays on MFD. PFD is not intended to have video feed. System operates as intended. Work performed IAW Cirrus SR22T AMM 93-50.			
7 Replaced Upper cowl seal. P/N 53722-063, IAW Cirrus Aircraft SR22T AMM 71-10.			
8 Removed & installed new R/H brake pads P/N 31392-113 IAW Cirrus SR22T AMM 32-42			
9 Removed & installed new L/H brake pads P/N 31392-113 IAW Cirrus SR22T AMM 32-42			
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 this work order are on file at this Certified Repair Station CRS 9B0R988C.			
DATE: 09-15-2024	SIGNED:  Scott Woody Repair Station No. 9B0R988C		WORK ORDER: KTYS40483-07-2024 Printed by EBIS (EBISCloud.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: SR22T S/N: 9794 REG. NO: N414LE	 CIRRUS	<b>Cirrus Factory Service Center</b> Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa TN 37701	W/O #: KTYS41550-12-2024 DATE: 12-10-2024 Flight Time: 168.1 Hobbs: 217.2
<b>Airframe Entries</b>			
4 Installed new Glareshield Assy PN: 70843-101 IAW SB2X-25-34.			
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 this work order are on file at this Certified Repair Station CRS 9B0R988C.			
DATE: 12-10-2024	SIGNED:  Gabriel Camacho Repair Station No. 9B0R988C		WORK ORDER: KTYS41550-12-2024 Printed by EBIS (EBISCloud.com)
MAKE: Cirrus MODEL: SR22T S/N: 9794 REG. NO: N414LE	 CIRRUS	<b>Cirrus Factory Service Center</b> Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa TN 37701	W/O #: KTYS41550-12-2024 DATE: 12-10-2024 Flight Time: 168.1 Hobbs: 217.2
<b>Airframe Entries</b>			
• Complied with SB2X-42-25 Perspective Touch+ S/W Update v3956 Q4.			
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 this work order are on file at this Certified Repair Station CRS 9B0R988C.			
DATE: 12-10-2024	SIGNED:  Brian Sanik Repair Station No. 9B0R988C		WORK ORDER: KTYS41550-12-2024 Printed by EBIS (EBISCloud.com)



# Thoroughbred Aviation Maintenance, Inc.

FAA CRS# R81R199Y

## Airframe

Date:	3/14/2025	WO:	F25038	AC Type:	SR22T		
AC REG:	N414LE	AC SN:	9794	Tach:	169	Hobbs	219.4
Eng. Model:	TSIO-550-K	Eng SN:	1046537	Eng TT:	169	Eng TSO:	N/A
Prop Model:	4C1-F650A1	Prop SN:	TM587	Prop TT:	169	Prop TSO:	N/A

- 1) Performed Annual/100Hr. Inspection IAW Cirrus, Hartzell and Continental MM
- 2) Removed and cleaned LH and RH induction air filters
- 3) C/W Airframe Annual/100Hr. Lubrication schedule
- 5) Serviced gascolators. Replaced Seals PN: NAS1523-8B, MS29513-137
- 6) Serviced brake fluid resevoir
- 7) All SB's are up to date
- 8) All AD's are up to date.

END

I certify this Airframe has been inspected/repared/serviced in accordance with current manufactures maintenance manuals & applicable FARs and was found to be in Airworthy Condition.

## MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under

WO# F25038

Signed:

For CRS: R81R199Y

Date: 3/14/2025



# 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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Thoroughbred Aviation Maintenance, Inc.  
FAA CRS# R81R199Y  
Airframe

Date:	3/24/2025	WO:	F25038	AC Type:	SR22T	Hobbs	219.4
AC REG:	N414LE	AC SN:	9794	Tach:	169	Eng TSO:	N/A
Eng. Model:	TSIO-550-K	Eng SN:	1046537	Eng TT:	169	Prop TSO:	N/A
Prop Model:	4C1-F650A1	Prop SN:	TM587	Prop TT:	169		

- 1) Removed and replace push to start ignition switch harness with new LAW SB2X-74-05. Ops check good. PN: 45363-013 SN: 407
- 2) Removed top engine cowl and patched chaff damage. Repainted top cowl as needed.

END

I certify this Airframe has been inspected/repaired/serviced in accordance with current manufactures maintenance manuals & applicable FARs and was found to be in Airworthy Condition.

## MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under

Signed:

For CRS# R81R199Y

WO# F25038

Date: 3/24/2025

Form TAM006-03/22