

AIRCRAFT LOG
AF5-1



Base Coat Colors:

Sterling Silver
CM0850102
Corso Red
S11279

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



Aircraft Log

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TC #A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus Design Corp MODEL SR22T DATE OF MFG. Oct 2017

SERIAL NUMBER 1622 REGISTRATION NUMBER N220VF

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	TS10SSOK	R 1034659 L
ENGINE			R L
PROPELLER	Hartzell Propeller, Inc	PHC-J3Y1F-1N	NJ 160SB
PROPELLER			
ENGINE			
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Base I
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AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

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A.D. 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.

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

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.

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 10-4-17

Transponder: Mfg Garmin P/N 36745-001
Model: GTX-345R S/N 3EH003009

ADAHRS: Model GSU 75 P/N 36741-001
S/N 3KY001156

ADAHRS: Model GSU 75 P/N 36741-001
S/N 3KY001180

Altimeter: Mfg MD302 P/N 30499-004
S/N G17-12003

CDC Quality Assurance  on 10/4/17
Cirrus Design Corporation Duluth, MN USA
PC# 338CE

Date: 11-23-2021 Work Order: R8824

Registration Number: N220UF

Owner: Victor Foxtrot LLC

Aircraft Make & Model: Cirrus SR22T

Aircraft S/N: 22T-1622

Altimeter Mfg. Garmin

Altimeter S/N: 3KY001156

Pilot Copilot Standby Encoder
Altimeter type: ADC(1) ADC(2) Analog

Equivalent Pressure (InHg)	Test Altitude	Tolerance (+/- feet)	Altimeter reading
31.018	-1,000	20	-1005
29.921	0	20	-7
29.385	500	20	493
28.856	1,000	20	993
28.335	1,500	25	1493
27.821	2,000	30	1993
26.817	3,000	30	2992
25.842	4,000	35	3491
23.978	6,000	40	5991
22.225	8,000	60	7991
20.577	10,000	80	9990
19.029	12,000	90	11,990
17.577	14,000	100	13,988
16.216	16,000	110	15,987
14.942	18,000	120	17,987
13.75	20,000	130	19,987
12.636	22,000	140	21,984
11.104	25,000	155	24,983
8.885	30,000	180	
7.041	35,000	205	
5.538	40,000	230	
4.355	45,000	255	
3.425	50,000	280	

Wells Aircraft, Inc. CRS NT2R043L

Date of static system leak test: 11-23-2021

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 25,000 feet on 11-23-2021

The altimeter was tested in accordance with 91.217

Authorized Signature

Authority for Release Authority

Nathaniel Hershberger / CRS Release Authority

Date: 11-23-2021 Work Order: R8824

Registration Number: N220VF

Owner: Victor Fox trot LLC

Aircraft Make & Model: Cirrus SR22T

Aircraft S/N: 227-1622

Altimeter Mfg. Garmin

Altimeter S/N: 3KY001180

Pilot Copilot Standby Encoder
 Altimeter type: ADC(1) ADC(2) Analog

Equivalent Pressure (InHg)	Test Altitude	Tolerance (+/- feet)	Altimeter reading
31.018	-1,000	20	-1001
29.921	0	20	-3
29.385	500	20	497
28.856	1,000	20	997
28.335	1,500	25	1497
27.821	2,000	30	1997
26.817	3,000	30	2996
25.842	4,000	35	3995
23.978	6,000	40	5995
22.225	8,000	60	7995
20.577	10,000	80	9995
19.029	12,000	90	11995
17.577	14,000	100	13994
16.216	16,000	110	15994
14.942	18,000	120	17994
13.75	20,000	130	19994
12.636	22,000	140	21,991
11.104	25,000	155	24,990
8.885	30,000	180	
7.041	35,000	205	
5.538	40,000	230	
4.355	45,000	255	
3.425	50,000	280	

Wells Aircraft, Inc. CRS NT2R043L

Date of static system leak test: 11-23-2021

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 25,000 feet on 11-23-2021

The encoder was tested in accordance with 91.217


 Ault's Signature



Date: 11-23-2021 Work Order: R8824 Registration Number: N220VF
Owner: Victor Foxcroft LLC
Aircraft Make & Model: Cirrus SR22T Aircraft S/N: 22T-1022
Altimeter Mfg. Mid-Continent Instruments Altimeter S/N: G17-12003

Pilot Copilot Standby Encoder
Altimeter type: ADC(1) ADC(2) Analog

National Transportation Safety Board / OES Release Authority

Equivalent Pressure (InHg)	Test Altitude	Tolerance (+/- feet)	Altimeter reading
31.018	-1,000	20	-1000
29.921	0	20	0
29.385	500	20	500
28.856	1,000	20	1000
28.335	1,500	25	1500
27.821	2,000	30	2000
26.817	3,000	30	3000
25.842	4,000	35	4000
23.978	6,000	40	6005
22.225	8,000	60	8005
20.577	10,000	80	10,010
19.029	12,000	90	12,015
17.577	14,000	100	14,020
16.216	16,000	110	16,020
14.942	18,000	120	18,025
13.75	20,000	130	20,030
12.636	22,000	140	22,035
11.104	25,000	155	25,035
8.885	30,000	180	
7.041	35,000	205	
5.538	40,000	230	
4.355	45,000	255	
3.425	50,000	280	

Wells Aircraft, Inc. CRS NT2R043L

Date of static system leak test: 11-23-2021
I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 25,000 feet on 11-23-2021.
The encoder was tested in accordance with 91.217.

Mathew H. Johnson
Authorized Signature

EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DATE

RADIO & ELECTRONIC CHECKS

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

RADIO & ELECTRONIC CHECKS

Transponder SR22T N220VF Hobbs: 0641.6 February 22, 2021
 Transponder Make/Model Garmin / GTX 345R, S.N. 3EH003009 in this
 has been inspected IAW Title 14 CFR 91.413 and found to comply with
 specifications of Title 14 CFR 43 App F.
 Data Computer #1 Make/Model Garmin / GSU 75, S.N. 3KY001156,
 Data Computer #2 Make/Model Garmin / GSU 75, S.N. 3KY001180,
 and EFIS Make/Model Mid Continent / MD302, S.N. G17-12003,
 and the Static System have been inspected IAW Title 14 CFR 91.411 and
 found to comply with the specifications of Title 14 CFR 43 App E.
 All work on file under MTSWG 210239, CRS TJJR625X
 by Spencer- Inspector *Alan* Date 2-22-2021
 Mobile Transponder Services, LLC. / 8266 Cessna Dr. Peyton, CO 80831
 251-8251

MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.



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Date 11/23/2021
 Work Order R8824
 N220VF S/N 22T-1622
 Hobbs 871.7
 Flight 758.8

AIRFRAME LOG



CIRRUS
AIRCRAFT

Completed with ~~SB2X-42-22R3~~ by updating the Perspective+ system to software v2647 N8 as required by this service document
 Operational check of work performed was satisfactory at this time

Transponder (GTX 345R) was tested I/A/W the requirements of
 FAR Part 91.413 & FAR Part 43 App F and is approved for
 return to service

WO: R8824 DATE: 11/23/2021

Pilot's ADC1, ADC2, standby altimeter, encoders and static
 system were tested I/A/W the requirements of FAR Part 91.411
 & FAR Part 43 App E. The altimeters were tested to 25,000ft
 and are approved for return to service

WO: R8824 DATE: 11/23/2021

Have reviewed the file on this aircraft and the accompanying 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/inspection are on file at this Certified Repair Station CRS NT2R043L

Authorized Signature: *Nathaniel Hershberger*
 Nathaniel Hershberger / CRS Release Authority

RADIO & ELECTRONIC CHECKS

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

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 **11-17-2017**
Work Order: **S8561**
N220VF S/N: 22T-1622
Flight Time: **26.5**
Hobbs Meter: **32.7**
Total Time: **26.5**

AIRFRAME LOG



Completed Cirrus CMX 25 hour inspection per Title 14 CFR Part 43 and Part 91 Subpart E, inspection checklist & applicable sections of CDC SR22/22T AMM Rev 7. Lubed all required items on check list. Oil change completed per inspection, using **Phillips Type M 20W50 mineral oil**, see engine log entry. All Mandatory Service Bulletins and AD's up to date. Post inspection run-up and operational check was satisfactory.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature *Chad J Koehn*
Chad J Koehn / CRS Release Authority



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Date: **01-10-2018**
Work Order: **S8595**
N220VF S/N: 22T-1622
Flight Time: **55.9**
Hobbs Meter: **66.6**
Total Time: **55.9**

AIRFRAME LOG



Completed Cirrus CMX 50 hour inspection per Title 14 CFR Part 43 and Part 91 Subpart E, inspection checklist & applicable sections of CDC SR22/22T AMM Rev 7. Lubed all required items on check list. Oil change completed per inspection, using **Phillips 20W50 X/C**, see engine log entry. Replaced LH Glycol Filler cap P/N 18052-302. Replaced Gascolator seal P/N NAS1523-8B. Replaced Friction knob P/N 50598-001. All Mandatory Service Bulletins and AD's up to date. Post inspection run-up and operational check was satisfactory.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature *Chad J Koehn*
Chad J Koehn / CRS Release Authority

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: **03-08-2018**
Work Order: **S8630**
N220VF S/N: 22T-1622
Flight Time: **94.4**
Hobbs Meter: **112.5**
Total Time: **94.4**

AIRFRAME LOG



Performed Cirrus CMX 100 hour inspection per the CMX 100 hour inspection checklist. Lubricated all items as required. Oil change completed, see engine log entry this date.
-C/W SB2X-79-07 by securing of the affected oil line with the following new P/N's MS21919WDG10, MS21919WDG12, AN3-5A, MS21045-3 & NAS1149FO332P as required by this service document.
 All Mandatory Service Bulletins and AD's up to date. Work was performed with reference to applicable sections of CDC Doc. # 13773-002 Rev. 1, CMI Doc. # M-0 Chg. 5 & CMI Doc. # M-18 Chg. 0. Post-inspection run-up and leak check was satisfactory. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.
 Authorized Signature: *Nathaniel Hershberger*
 Nathaniel Hershberger / CRS Release Authority



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Date: **03-08-2018**
Work Order: **R8506**
N220VF S/N: 22T-1622
Flight Time: **94.4**
Hobbs Meter: **112.5**
Total Time: **94.4**

AIRFRAME LOG



Removed all files from FlightStream 510 (MFD lower card). Force loaded current terrain database to Perspective+ system and allowed system to sync loaded database. Work was performed with reference to Cirrus Perspective+ Pilot's Guide P/N 190-02183-01 Rev. A, App. B. Operational check was satisfactory at this time. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.
 Authorized Signature: *Nathaniel Hershberger*
 Nathaniel Hershberger / CRS Release Authority

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: **04-19-2018**
Work Order: **S8658**
N220VF S/N: 22T-1622
Flight Time: **144.4**
Hobbs Meter: **167.9**
Total Time: **144.4**

AIRFRAME LOG



Performed a Cirrus CMX 50 Hour Inspection with reference to the CMX 50 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1. Drained and cleaned gascolator fuel bowl. Cleaned & reassembled engine fuel drain check valve. Checked tire pressures. Lubricated all required items on check list. Oil & filter change completed, see engine log entry this date. Replaced inner copilot's door seal with 12' of new P/N 52010-008U. Removed and reinstalled console trim correctly above circuit breaker panel. Updated Jeppesen charts to current cycle (1808). All work was performed with reference to applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1.
-C/W SB2X-79-07R1 Oil line chafing, by turning clamps to meet new revision.
 - All AD's and mandatory Service Bulletins up to date.
 Post-inspection run-up and operational check was satisfactory at this time. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.
 Authorized Signature: *Chad J. Koehn*
 Chad J. Koehn / CRS Release Authority



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Date: **06-08-2018**
Work Order: **R8513**
N220VF S/N: 22T-1622
Flight Time: **192.7**
Hobbs Meter: **223.0**
Total Time: **192.7**

AIRFRAME LOG



Complied with **SB2X-42-14** by updating the Perspective+ system to S/W v2647 M4 as required by this service document. Operational test was satisfactory at this time. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.
 Authorized Signature: *Nathaniel Hershberger*
 Nathaniel Hershberger / CRS Release Authority

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: **06-12-2018**
Work Order: **S8677**
N220VF S/N: 22T-1622
Flight Time: **192.7**
Hobbs Meter: **223.0**
Total Time: **192.7**

AIRFRAME LOG



Performed Cirrus CMX 100 + 200 hour inspection per the CMX 100 & 200 hour inspection checklist. Lubricated all items as required. Oil change completed, see engine log entry this date. Adjusted RH flap trailing edge that was low. Replaced induction filters P/N (2) 27166-001. Replaced TKS filler cap on LH side P/N 18052-302.
All Mandatory Service Bulletins and AD's up to date. Work was performed with reference to applicable sections of CDC Doc. # 13773-002 Rev. 1, CMI Doc. # M-0 Chg. 5 & CMI Doc. # M-18 Chg. 0. Post-inspection run-up and leak check was satisfactory.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: _____

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Date: **08-28-2018**
Work Order: **S8734**
N220VF S/N: 22T-1622
Flight Time: **249.6**
Hobbs Meter: **285.7**
Total Time: **249.6**

AIRFRAME LOG



Performed a Cirrus CMX 50 Hour Inspection with reference to the CMX 50 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1. Drained and cleaned gascolator fuel bowl. Checked tire pressures. Lubricated all required items on check list. Oil & filter change completed, see engine log entry this date. All work was performed with reference to applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1.

- All AD's and mandatory Service Bulletins up to date.

Post-inspection run-up and operational check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: _____

Nathaniel Hershberger / CRS Release Authority

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION



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Date: **11-07-2018**
Work Order: **S8763**
N220VF S/N 22T-1622
Hobbs Meter: **328.0**
Flight Meter: **287.2**
TTAF: **287.2**

AIRFRAME LOG



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D, with ref. to the Cirrus SR22 / 22T AMM P/N 13773-02 Rev. 1, Chapter 5 & Precise Flight ICA Doc. #102NMAN0003 Sec. 2.7. C/W FAR 91.207(d) by inspection and functional check, found satisfactory. ELT battery replacement due 11/2023. Replaced #3, #5 & #6 cylinders, see engine log this date. Changed engine oil & oil filter, see engine log this date. Replaced right & left main gear brake pads with (2) new P/N 31392-105, S/N's LI-20171019-01 & LI-20180125-08. Replaced right & left main gear tires with (2) new P/N 156E06-1, S/N's 81062004 (right) & 81062012 (left). Replaced O-rings in both main gear wheels with (2) new P/N 31493-110 & (2) new P/N 31493-113. Serviced nose gear oleo strut with nitrogen as required. Serviced oxygen system as required.

- **C/W SB2X-53-07R1** by visual inspection of the cable pass-through hole at the FS 222 bulkhead. No modification required.

-All applicable mandatory SB's have been complied with at this time.

-All applicable AD's have been complied with at this time.

All work was performed with reference to applicable sections of the Cirrus SR22 / 22T AMM P/N 13773-002 Rev. 1 and was ground checked for operation, security and leakage; found satisfactory at this time.

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: _____

Nathaniel Hershberger / CRS Release Authority

MAINTENANCE RECORD F.A.R. 43.9



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Date: **02-26-2019**
Work Order: **S8818**
N220VF S/N: 22T-1622
Flight Time: **361.1**
Hobbs Meter: **415.0**
Total Time: **361.1**

AIRFRAME LOG



Performed a Cirrus CMX 50 Hour Inspection with reference to the CMX 50 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1. Drained and cleaned gascolator fuel bowl. Checked tire pressures. Lubricated all required items on check list. Installed new RH wheel pant P/N 26861-004 with back panel 18138-004, painted 2 colors to match. Installed decal kit P/N 12343-XXX-MLG-RH and protective film P/N FAK009-G3-RS & FAK009-G3-MAIN on RH main wheel pant assembly. Installed both LH and RH door seals P/N 53168-125U, 25' on cabin doors. C/W **SB2X-25-23** ELT data output.

All work was performed with reference to applicable sections of CDC SR22/22T AMM Doc. #13773-002 Rev. 1.

- All AD's and mandatory Service Bulletins up to date.

Post-inspection run-up and operational check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature _____

Chad J. Koehn
Chad J. Koehn / CRS Release Authority



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CRS NT2R043L
(620)663-1546
www.wellsac.com

Date: **06-21-2019**
Work Order: **R8597**
N220VF S/N: 22T-1622
Flight Time: **415.8**
Hobbs Meter: **476.1**

AIRFRAME LOG



Disabled active traffic system and installed temporary label on instrument panel. (LRU replacement to be performed at future date). I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature _____

Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority

MAINTENANCE RECORD F.A.R. 43.9



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Date: **06-21-2019**
Work Order: **S8917**
N220VF S/N: 22T-1622
Flight Time: **415.8**
Hobbs Meter: **476.1**

AIRFRAME LOG



Performed a Cirrus **CMX 100 Hour Inspection** with reference to the CMX 100 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 1. Performed engine oil & filter change; see engine log this date. Replaced #6 cylinder Tanis heater element with new P/N TTP2771-115/50. Checked tire pressures. Lubricated all required items on check list. Replaced left rear engine baffle with new P/N 15473-009. Replaced #6 intake gasket with new P/N 649950. Replaced seal ring on left turbocharger inlet with new P/N 29486-001. Replaced oil pump scavenge hose with new P/N 646644S10S18.00. Cleaned connector contacts at rear engine baffle.

- Complied with Continental **SB18-08A** by inspection and modification of cylinder assemblies as required by this service document. Cylinder head assembly S/N's modified per this service bulletin: #1 AC17GA327, #2 AC17GA345, #3 AC18DA035, #4 AC17GA365, #5 AC18CB179 & #6 AC18DA103.

Work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 1, CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2017) & Tanis Aircraft Products Doc. #TN02771, Rev. E.

- All AD's and mandatory Service Bulletins up to date.

Post-inspection run-up and operational check was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature _____

Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority



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Date: **07-10-2019**
Work Order: **R8597**
N220VF S/N: 22T-1622
Flight Time: **425.1**
Hobbs Meter: **487.2**

AIRFRAME LOG



Replaced GTS 800 Active Traffic LRU S/N 15L010398 with newly overhauled GTS 800 LRU P/N 26659-001, S/N 15L009616 and performed software & configuration loading as required. Work was performed with reference to CDC SR22/22T AMM P/N 13773-002 Rev. 1, sec. 34-40. Operational test of work performed was satisfactory at this time.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature _____

Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority

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	DATE COMPLETE
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Date: **08-29-2019**
Work Order: **S8961**
N220VF S/N: 22T-1622
Flight Time: **463.9**
Hobbs Meter: **530.2**

AIRFRAME LOG



Performed a Cirrus **CMX 50 Hour Inspection** with reference to the CMX 50 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 2. Performed engine oil & filter change; see engine log this date. Checked tire pressures. Lubricated all required items on check list. Stop drilled crack on right engine baffle. Replaced left & right inner door seals with (26') new P/N 53168-125U. Work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 1, CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2017) - All AD's and mandatory Service Bulletins up to date. Post-inspection run-up and leak check was satisfactory at this time. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority



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Date: **11-22-2019**
Work Order: **R8629**
N220VF S/N 22T-1622
Flight: **512.8**
Hobbs: **586.1**

AIRFRAME LOG



Performed air pressure sensor calibration procedure on the MD302 standby air data unit and verified altitude data is within tolerance. Work was performed with reference to Mid-Continent Instruments and Avionics Manual #9017782, Revision L, sec. 4.8.1.

Transponder (GTX-345R) was tested I/A/W the requirements of FAR Part 91.413 & FAR Part 43 App. F and is approved for return to service. Pilot's ADC 1, ADC 2, standby altimeter, internal encoders and static system were tested I/A/W the requirements of FAR Part 91.411 & FAR Part 43 App. E. The altimeters were tested to **25,000ft** and are approved for return to service.

WO: **R8629** DATE: **11/22/2019**

WO: **R8629** DATE: **11/22/2019**

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority



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Date: **11-26-2019**
Work Order: **S9012**
N220VF S/N 22T-1622
Hobbs Meter: **586.1**
Flight Meter: **512.8**
TTAF: **512.8**

AIRFRAME LOG



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D, with reference to CDC SR22/22T AMM P/N 13773-002 Rev. 2, sec. 5-20. C/W FAR 91.207(d) by inspection and functional check, found satisfactory; ELT battery replacement due 11/2023. Complied with Precise Flight STC #SA01708SE annual inspection requirements by visual and operational inspection per Precise Flight I.C.A. Doc. # 102NMAN0003, Rev. G, Sec. 2.7. Serviced oxygen system with aviator's oxygen (2000psi). Performed engine oil & filter change, see engine log this date. Performed 500hr inspection of #1 & #2 alternators; replaced brush assemblies with new P/N's ALE-3045BS & 40278, respectively. Replaced left (S/N D17GA143) & right (S/N D17GA139) magnetos with (2) rebuilt P/N BL-500556-101, S/N's D18LA110R (left) & D19GA319R (right) and (2) new gaskets P/N 649954; timed to engine as required. Replaced rocker cover gaskets on cylinder #'s 1, 2 & 4 with (6) new P/N 658735. Replaced all spark plugs with (12) new P/N URHB32E. Replaced #5 cyl. EGT probe with new P/N 24585-001. Replaced electric fuel pump S/N 7938 with new pump P/N 11839-002, S/N 9855 and (2) O-rings P/N MS29512-08. Replaced #2 batteries with (2) new P/N 50979-001. Replaced TKS filter & housing O-rings with new P/N's 21986-203, 21986-206 & (2) 15164-094B, respectively. Replaced right side, left rear & left side engine baffles with new P/N's 15471-006, 15473-009 (w/ gasket P/N 649950), 15475-005, respectively. Replaced upper engine cowl seal with (60") of new P/N 53772-063U. Replaced upper seal on nose strut fairing with (38") of new P/N 53361-001U. Reconnected TKS line to vertical stabilizer TKS panel with new O-ring P/N 15164-092B after cosmetic paint repair to vertical stabilizer & installation of decals P/N's 12343-XXX-LOGO-LH & 12343-XXX-LOGO-RH by outside vendor (J. Fields Enterprises).

- Complied with **Beringer SB-015** by inspection of the main gear wheels & brake backplate cotter pins as required by this service document; replaced backplate cotter pins with (4) new P/N L-V-011. Found continuous circular scratch on inner half of left wheel. Replaced left wheel S/N 7733 with new P/N 31493-001 (Beringer P/N RF-006(A)), S/N 11314.
- Complied with **SB2X-34-29** by visual inspection of the pitot and TKS lines as required by this service document. No discrepancies noted at this time.
- Performed Cirrus **SA19-13** by correcting the delivered weight & balance and equipment list data in the POH as directed by this service advisory.
- Complied with **HET ASB No. 081 Rev. A. (Cirrus SA19-18)** by visual inspection; replaced hex-nut cotter pin with new P/N MS24665-302 & reinstalled #1 alternator with new gasket P/N 653981.
- Complied with **AmSafe SB501583-25-01 (Cirrus SA18-06)** by applying torque seal to affected inertia reel fasteners as required by this service document.
- All applicable mandatory SB's have been complied with at this time.
- All applicable AD's have been complied with at this time.

All work was performed with reference to applicable sections of the Cirrus SR22/22T AMM P/N 13773-002 Rev. 2 and was ground checked for operation, security and leakage; found satisfactory at this time.

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: Nathaniel Hershberger
Nathaniel Hershberger / CRS Release Authority

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



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Date: **05-19-2020**
Work Order: **R8678**
N220VF S/N 22T-1622
Flight: **559.3**
Hobbs: **640.5**

AIRFRAME LOG



Complied with **SB2X-42-18R2** by updating the Perspective+ system to software v2647.N2 as required by this service document. Operational check of work performed was satisfactory at this time.
I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.
Authorized Signature: *Nathaniel Hershberger*

Nathaniel Hershberger / CRS Release Authority



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Date: **05-20-2020**
Work Order: **S9100**
N220VF S/N: 22T-1622
Flight Time: **559.3**
Hobbs Meter: **640.5**

AIRFRAME LOG



Performed a Cirrus **CMX 50 Hour Inspection** with reference to the CMX 50 Hour Inspection checklist & applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 3. Performed engine oil & filter change; see engine log this date. Checked tire pressures. Lubricated all required items on check list. Cleaned J/P107 & J/P103 connectors at aft engine baffle and secured wiring as required. Replaced left & right brake pads with (2) new P/N 31392-105, Lot # LI-20191112-03. Replaced left (S/N 81062012) & right (S/N 81062004) tires with new P/N 025-501-0, S/N's 0011T00215 (left) & 9323S00106 (right). Replaced all wheel O-rings with (2ea.) new P/N's 31493-110 & 31493-113. Replaced upper cowl seal with (5") new P/N 53722-063U.
Work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 3, CMI TSIO-550-B, C, E, G, K and N Permold series Engine Maintenance and Overhaul Manual, M-18 (September 2017)

- All AD's and mandatory Service Bulletins up to date. Post-inspection run-up and leak check was satisfactory at this time.
I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Nathaniel Hershberger*
Nathaniel Hershberger / CRS Release Authority

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



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Date: **11-04-2020**
Work Order: **S9205**
N220VF S/N 22T-1622
Hobbs Meter: **618.2**
Flight Meter: **706.9**
TTAF: **618.2**

AIRFRAME LOG



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D, with reference to CDC SR22/22T AMM P/N 13773-002 Rev. 3, sec. 5-20. C/W FAR 91.207(d) by inspection and functional check, found satisfactory; ELT battery replacement due 11/2023. Complied with Precise Flight STC #SA01708SE annual inspection requirements by visual and operational inspection per Precise Flight I.C.A. Doc. # 102NMAN0003, Rev. G, Sec. 2.7. Complied with CMX 36 month inspection items. Replaced upper cowling seal P/N 53722-063U, 5 feet. Serviced oxygen system with aviator's oxygen (1850psi). Performed engine oil & filter change; see engine log this date. Secured EMI shielding under glare shield. Left side baffle cracked at center mount, ordered replacement next service. RH rear baffle cracked at lower rear flange, ordered replacement for next service. Replaced (2) 27166-001 air filters. Re-bonded upper and lower MLG anti chafe grommets on LH and RH landing close out. Repaired lower bottom composite tip of rudder cap. Replaced failing electric fuel pump by complying with **SB2X-28-15**, installing Weldon Pump P/N 70673-001, S/N 220446. Removed Dukes P/N 5217-00-9 S/N 9855. Replaced Battery 1 with new Concorde P/N RG24-11M, S/N 41097990 installed, removing S/N 40901816.

- C/W **SB2X-34-29R1** visual inspection of the pitot & TKS lines as required by this service document. No discrepancies noted at this time.
- C/W **SB2X-53-10** Replaced LH and RH door seals as alternate seals.
- All applicable mandatory SB's have been complied with at this time.
- All applicable AD's have been complied with at this time to AD2020-16-11.
All work was performed with reference to applicable sections of the Cirrus SR22/22T AMM P/N 13773-002 Rev. 3 and was ground checked for operation, security and leakage; found satisfactory at this time.

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: *Chad J. Koehn*
Chad J. Koehn / CRS Release Authority

DATE NO.
RETURNED TO SERVICE

DATE
COMPLETED

REVISIONS

MAINTENANCE RECORD
F.A.R. 43.9



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Date: 01-26-2021
Work Order: S9268
N220VF S/N 22T-1622
Flight 635.6
Hobbs 729.6

AIRFRAME LOG



Removed electric boost pump P/N 70673-001, S/N 220446. Installed new electric boost pump P/N 70673-001, S/N 220695. Adjusted unmetered fuel pressure, fuel flow, manifold pressure, idle mixture and idle speed as needed. Work was performed with reference to applicable sections of the Cirrus SR22/22T AMM P/N 13773-002 Rev. 3. Operational and leak check of work performed was satisfactory at this time.
I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: [Signature]
Chad J. Koehn / CRS Release Authority

MAKE CIRRUS DESIGN, CORP
MODEL SR22T
S/N 1622
REG NO N220VF
WORK ORDER
TKI0918-05-2021

CIRRUS Cirrus Design Factory Service Center

Repair Station No. YD-R355Y
4261 Airport Road
Ocala, FL 32067
Phone: 352-368-3049

DATE 5-6-2021
A/C TSN 6899
FLIGHT TIME 689.9

Airframe Entries

(6) Troubleshoot COMM1 NAV1 system and mic checked with McKinney Ground had no faults. Performed aircraft grounding inspection no defects noted at this time all work performed IAW SR22T AMM 23-60

I have reviewed the file on this aircraft and the accompanying work order 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 this work order are on file at this Certified Repair Station CRS YD-R355Y.

DATE 5-6-2021 SIGNED [Signature] Work Order TKI0918-05-2021
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Date: 07-28-2021
Work Order: S9391
N220VF S/N 22T-1622
Flight Time: 725.7
Hobbs Meter: 833.0

AIRFRAME LOG



Performed

engine oil & filter change; see engine log this date. Replaced access plug P/N 50498-200-33 by data plate. Replaced upper cowl seal P/N 53722-063U (S').
-C/W SB2X-32-25 (Oleo strut production number inspection) by visual inspection. Production number (08-17-46) is not in range per this service bulletin, no further action required.
Work was performed with reference to applicable sections of CDC SR22/22T AMM P/N 13773-002 Rev. 3. Post-inspection was satisfactory at this time.
I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repair/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature: [Signature]
Chad J. Koehn / CRS Release Authority

D. SERVICE	DATE	BY	DESCRIPTION	TIME	STATUS

CE

MAINTENANCE RECORD



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Date 12-14-2021
 Work Order S9395
 N220VF S/N 221-1622
 Flight Meter 758.8
 Hobbs Meter 871.5
 TTAI 758.8

AIRFRAME LOG



Performed an **Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D, with reference to CDC SR22/22T AMM P/N 13773-002 Rev. 3, sec. 5-20 C/W FAR 91.207(d) by inspection and functional check, found satisfactory, ELT battery replacement due 11/2023. Complied with Precise Flight STC #SA01708SE annual inspection requirements by visual and operational inspection per Precise Flight ICA Doc. # 102NMAN0003, Rev. G, Sec. 2.7 removed LH and RH yokes for material peeling, sent to SCS Aircraft Interiors PO # 01-20414, returned and re-installed. Replaced LH side baffle, P/N 15475-005. Replaced RH rear baffle P/N 15469-012. Replaced #2 batteries P/N (2) 50979-001. Completed ALT #1 500 hour/ 2 year inspection, replaced brushes P/N (1) ALE-3045BS & 653981 gasket. Completed ALT #2 500 hour/2 year inspection, replacing brushes P/N (1) 40278. Replaced TKS filter on 2 year cycle with P/N's (1) 21986-203, (1) 21986-206, (2) 15164-094B. Complied GMU 44 magnetometer checks/calibration. Completed GMS 85A/86 servo clutch test. Replaced RH side baffle P/N 15471-006. Replaced front RH side baffle assembly P/N 15487-008. Replaced Spinner baffle, P/N 15480-005. Replaced LH rear baffle P/N 15473-009. Replaced LH & RH brake pads (2) 31392-105.
C/W SA21-06 for Beringer SB-019 not completed, parts on back order, not airworthy item, to be completed next service.

Performed engine oil & filter change, see engine log this date.

- All applicable mandatory SB's have been complied with at this time

- All applicable AD's have been complied with at this time to AD2020-20-11 on engine, none for this Airframe

All work was performed with reference to applicable sections of the Cirrus SR22/22T AMM P/N 13773-002 Rev. 3 and was ground checked for operation, security and leakage, found satisfactory at this time.

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition.

I have reviewed the file on this aircraft and the accompanying 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 data of repair/inspection are on file at this Certified Repair Station CRS NT2R043L.


Authorized Signature

Joseph Scudder
 Joseph Scudder / CRS Release Authority

INSPECTION RECORD F.A.R. 43.11-91.409

SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST	
			SIGNATURE	CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	30 OCT 17	1.9	Production Flight Test accomplished in accordance with Cirrus Procedure #90504.	
			Name: Chad Friedrich	Date 30 OCT 17
			Signature: <i>Chad Friedrich</i>	
			Title: Production Flight Test Pilot	
	31 OCT 2017	1.9	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 31 OCT 2017.	
			The next inspection is due 31 OCT 2018.	
			<i>David C. Hallfrisch</i>	
			David C. Hallfrisch	
			053841467	

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	
		Reg: N220VF Make: Cirrus TAT: 837.1	Date: 9/9/2022 Model: SR22T Landings: N/A
			W/O# 24678L S/N: 1622
		Cleaned the outer surfaces of Front Windshield (p/n and s/n unknown), LH Door Window (p/n and s/n unknown), and RH Door Window (p/n and s/n unknown). Work was done IAW Cirrus SR22 and SR22T maintenance manual, Chapter 56, dated July 30, 2019.	
		I certify the above maintenance to be airworthy and approved for return to service. A record may be found under Lee Aerospace Inc. WO# 24678L	
		<u>Lee Aerospace Inc. CRS# YLIR863L</u>	
		 Shane Johnson	

INSPECTION RECORD
F.A.R. 43.11-91.409

AIRCRAFT TIME		KIND OF INSPECTION-STATUS & DISCREPANCY LIST					
SO#	22-33650	Ross Aviation Flight Maintenance			DATE	09/15/2022	
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	837.1	
MAKE	Cirrus	MODEL	SR22T	SERIAL NO.	1622	FLIGHT	837.1
						HOBBS	962.4

Maintenance Record

1. Installed missing turnbuckle clip P/N MS21256-1 on A/C turnbuckle. Reference Cirrus SR22T Maintenance Manual Chapter 21-50.
2. Removed worn/loose nose landing gear fairing hinge tabs and replaced with new P/N 26960-104. Reference AC 43.13 chapter 4 section 4.
3. Installed 8 feet of anti-chafe tape P/N PM-T1H on aircraft wings above mushroom fairings. Reference Cirrus SR22T Maintenance Manual Chapter 11-20.
4. Removed old section of pilot interior door velcro with old adhesive. Installed 25 inches of P/N SJ3550. Also, removed adhesive backing from existing velcro. Reference Cirrus SR22T Maintenance Manual Chapter 25-10. Replacement velcro still pulls off of door due to warping of interior door panel. Warranty replacement authorized, parts are on order, and customer elects to take as is.
5. Removed left cracked airbox and installed new airbox P/N 26367-003. Reference Cirrus SR22T maintenance manual chapter 71-60.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 22-33650 Date: September 15, 2022

Signed: Benjamin Taylor  for

Ross Aviation Flight Maintenance CRS# LNKR128E
Lincoln, NE 68524

INSPECTION RECORD

F A R 4311-91.409

SO#	22-33631	Ross Aviation Flight Maintenance			DATE	09/15/2022
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	837.1
MAKE	Cirrus	MODEL	SR22T		FLIGHT	837.1
		SERIAL NO.	1622		HOBBS	962.4

Maintenance Airframe Record

1. Performed 100 hour / 12 month inspection. Ran engine to check for function. Took cylinder compressions MO 47/80, #1 72, #2 68, #3 72, #4 73, #5 78, #6 60. Removed, cleaned, inspected, gapped, tested, rotated, and reinstalled spark plugs. Drained oil and removed oil filter. Cut open filter to inspect for contaminants with no defects noted at this time. Installed new filter P/N AA48108-2 and added 7 quarts of Phillips X/C 20w50 oil. Ran engine to check for leaks and function with no defects noted. Reference Cirrus SR22T Maintenance Manual Chapter 5-20. Next due at 937.1 hours total time or Sep 2023.
2. Performed main aircraft battery 12 month capacity test of battery P/N RG24-11M S/N 41097990. Battery passed at 102% C1 voltage. Reference Concorde RG Series Main Aircraft Battery Component Maintenance Manual. Next due Sep 2023.
3. Sent out fire extinguisher P/N A344, S/N E09309657 to General Fire and Safety for 12 month inspection. Reinstalled fire extinguisher after inspection. Next due Sep 2023.
4. Performed 500 hour engine weldment inspection. Reference Cirrus SR22T Maintenance Manual Chapter 5-20. Next due at 1337.1 hours total time.
5. Performed 12 month test of Artex ELT 1000 P/N A3-06-2749-1, S/N 251-10390, Hex ID 2DC74 3C5C4 FFBFF, battery expires Nov 2023. Reference Title 14 CFR Part 91.207 paragraph (d) items 1-4 and Cirrus SR22T Maintenance Manual Chapter 25-60. Next due Sep 2023.
6. Performed 12 month Beringer brake inspection. Reference Beringer Maintenance Manual MM-ESTO-001. Next due Sep 2023.
7. Performed 2500 hour / 60 month Ch. 4 Beringer brakes assembly maintenance interval. Reference Beringer Maintenance Manual MM-ETSO-001. Next due at 3337.1 hours total time or Sep 2027.
8. Performed 50 hour / 12 month Precise flight ICA inspections. No defects noted at this time. Reference Precise Flight Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System Document number 102NMAN0003. Next due at 887.1 hours total time or Sep 2023.

INSPECTION RECORD

F A R 4311-91.409

SO#	22-33631	Ross Aviation Flight Maintenance			DATE	09/15/2022
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	837.1
MAKE	Cirrus	MODEL	SR22T		FLIGHT	837.1
		SERIAL NO.	1622		HOBBS	962.4

9. Sent out oxygen bottle P/N 1275159, S/N 921-1485 with regulator P/N 099N0025-2, S/N HPR102372 to comply with 5 year hydrostatic inspection and regulator. Installed placard and installed temporary weight and balance. Reference Precise Flight Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System Document number 102NMAN0003.
10. Performed 100 hour lubrication schedule. Reference Cirrus SR22T Maintenance Manual Chapter 12-20. Next due at 937.1 hours total time.
11. Did not comply with service bulletin SB-019 because of parts being unavailable at this time. Customer elects to take as is.
12. Complied with AD 2022-03-15 (Amendment 39-21932) dated Mar 21, 2022. Found not applicable by equipment not installed.
13. Stop drilled crack in nose baffling. Reference Cirrus SR22T Maintenance Manual Chapter 51-20.
14. Removed nose wheel tire P/N 070-310-0, S/N 7215S00032 from wheel P/N RA-002(B), S/N 407. Cleaned wheel and installed new o-ring P/N 31492-108 and new tire P/N 070-310-0, S/N 1355T00150. Serviced with dry nitrogen and inspected for leaks with none found at this time. Referenced Beringer maintenance manual BRG-ALTP-02 chapter 5.1.3.
15. Rotated left and right main landing gear tires on their wheels to spread out tire wear. Disassembled left main landing gear wheel and tire. Wheel P/N RF-006(A), S/N 11314. Tire P/N 025-501-0, S/N 0011T00215. Flipped tire and reassembled with new o-ring P/N 31493-110. Disassembled right main landing gear wheel and tire. Wheel P/N RF-006(A), S/N 7728. Tire P/N 025-501-0, S/N 9323S00106. Flipped tire and reassembled with new o-ring P/N 31493-110. Checked both left and right main landing gear wheel and tire assemblies for leaks with none found at this time. Referenced Beringer maintenance manual BRG-ALTP-02, chapter 5.1.3.

SO#	22-33631	Ross Aviation Flight Maintenance			DATE	09/15/2022
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	837.1
MAKE	Cirrus	MODEL	SR22T		FLIGHT	837.1
		SERIAL NO.	1622		HOBBS	962.4

- Inspected and tightened inboard and outboard torque tube attachment hardware and cleaned chaff marks from left and right flaps and flap cove. No additional discrepancies noted at this time. Referenced Cirrus airplane maintenance manual chapter 27-50.
- Removed right gear to wing fairing. Performed composite repair to cracks. Installed with no further discrepancies. Reference Cirrus SR22T airplane maintenance manual chapter 51-10 and 51-20.
- Scratches to windshield and cabin windows polished out by Lee Aerospace under work order 24678L.
- Replacement key fob is on back order. Customer elects to take as is and we will mail the fob to the customer to be programmed at a later date.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with a/an Annual inspection as per 14 CFR part 91.409 (a)(1) and was determined to be in an airworthy condition.
 Dated September 15, 2022 W.O. 22-33631 Signed Benjamin Taylor
 Ross Aviation Flight Maintenance CRS# LNK128E
 Lincoln, NE 68524

SO#	22-33706	Ross Aviation Flight Maintenance			DATE	09/29/2022
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	841.9
MAKE	Cirrus	MODEL	SR22T	SERIAL NO.	1622	FLIGHT
						HOBBS

Maintenance Record

- Removed pilot bolster panel PN: A2175 SN: 6151 and replaced with new PN: A2175 SN: 7767. Operational check satisfactory. Reference Cirrus SR22T maintenance manual chapter 31-10.
- Replaced #2 EGT probe with new P/N 24585-001. Ran engine to check for defects with none noted. Reference Cirrus SR22T Maintenance Manual Chapter 77-20.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 22-33706 Date: September 29, 2022

Signed: Benjamin Taylor for

Ross Aviation Flight Maintenance CRS# LNK128E
 Lincoln, NE 68524

INSPECTION RECORD
F.A.R. 43.11-91.409

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

DATE	AIRCRAFT TIME IN SERVICE	Ross Aviation Flight Maintenance			DATE	09/30/2022
		Lincoln Municipal Airport [LNK]			ACTT	841.9
SO#	22-33695	MODEL	SR22T	SERIAL NO.	1622	HOBBS
REG.	N220VF					841.9
MAKE	Cirrus					CYCLES
						969.4

Maintenance Record

- Installed overhauled oxygen bottle P/N 1275159, S/N 921-1278 and regulator P/N 102N0100-1, S/N HPR102372. Overhaul performed by Precise Flight Inc (CRS# 6PCR620B) on 26/Sep/2022. Form tracking number 06421, work order number 122722. Reference Precise Flight Instructions for Continued Airworthiness Cirrus SR22/SR22T Built-In Oxygen System Document 102NMAN0003. Next due Sep 2027.
- Complied with Beringer SB-019 dated 5 Jul 2022, by installing 4 new back stops P/N BTR-001 (B) and 4 new cotter pins P/N 31392-110, reference Cirrus SR22T Maintenance Manual Chapter 32-40 for wheel removal and reinstallation.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 22-33695 Date: September 30, 2022

Signed: Benjamin Taylor for

Ross Aviation Flight Maintenance CRS# LNK128E
 Lincoln, NE 68524

SO#
REG.
MAKE

- 16. Inspe from airpla
- 17. Remc discre
- 18. Scrat
- 19. Repla to be

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Date
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REG.
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- Maintenance
- 1. Remov check :
 - 2. Replac Refere

I certify this mai
number: 22-3:

Signed: Beni

Ross Aviation FI
Lincoln, NE 685

<h2 style="margin: 0;">AUTHORISED RELEASE CERTIFICATE</h2> <p style="margin: 0;"><i>Certificat Libératoire Autorisé</i></p> <h3 style="margin: 0;">EASA FORM 1</h3> <p style="margin: 0;"><i>Formulaire 1 de l'EASA</i></p>		3 Form Tracking Number <i>N° de repère du Formulaire</i> <div style="text-align: center; font-size: 1.2em;">FO-20220385-12</div>			
1 Approving Competent Authority / <i>Country / Autorité Compétente / Pays</i> DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE					
4 Organisation Name and Address <i>Nom et Adresse de l'Organisme :</i> <div style="text-align: center;"> </div>		5 Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> <div style="text-align: center;">CC20220385</div>			
4 Organisation Name and Address <i>Nom et Adresse de l'Organisme :</i> BERINGER AERO 30 rue Pierre Georges Latecoere 05130 TALLARD - FRANCE Tel +33 (0)4 92 20 16 19 Fax +33 (0)4 92 52 69 66		11 Status: Work / <i>Etat / Travaux</i> <div style="text-align: center;">NEW</div>			
6 Item / <i>Item</i>	7 Description / <i>Description</i>	8 Part No. / <i>N° de pièce</i>	9 Qty / <i>Qté</i>	10 Serial No. / <i>N° serie</i>	
1	Back stop -	BTR-001(B)	90	LI-20220510-08	NEW
Use before : NA					
12 Remarks / <i>Remarques</i> <small>ETSO EASA 2101004266 Re:B/ETSO EASA 2101006956 Re:A/ETSO EASA 2101009970 Re:B/STC EASA N1007577</small>					
13a Certifies that the items identified above were manufactured in conformity to <i>Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :</i> <input checked="" type="checkbox"/> approved design data and are in a condition for safe operation <i>données de conception approuvées et sont en état de fonctionner en toute sécurité</i> <input type="checkbox"/> non approved design data specified in block 12 <i>données de conception non approuvées spécifiées dans la case 12</i>			14a <input type="checkbox"/> Part 145 A 50 Release to Service <i>Approbation pour remise en service</i> <i>Selon Partie 145.A.50</i> <small>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service. <i>Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.</i></small>		
13b Authorised Signature <i>Signature autorisée</i> 		13c Approval/Authorisation Number <i>Numéro d'agrément/d'autorisation</i> <div style="text-align: center; font-size: 1.2em;">FR.21G.0220</div>		14b Authorised Signature <i>Signature autorisée</i> <div style="text-align: center; border: 1px solid black; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center;"> X </div>	
13d Name / <i>Nom</i> <div style="text-align: center;">Olivier BANOS</div>		13e Date (dd mmm yyyy) / <i>Date (jj mmm aaaa)</i> <div style="text-align: center;">25 Jul 2022</div>		14c Certificate/Approval Ref No <i>N° du Certificat/Agrément</i> <div style="text-align: center; border: 1px solid black; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center;"> X </div>	
		14d Name / <i>Nom</i> <div style="text-align: center; border: 1px solid black; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center;"> X </div>		14e Date (dd mmm yyyy) / <i>Date (jj mmm aaaa)</i> <div style="text-align: center; border: 1px solid black; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center;"> X </div>	

DISCREPANCY LIST
DISAPPROVING AIRCRAFT FOR SERVICE

	DATE	09/3
	ACTT	8
22	HOBBS	8
	CYCLES	9

P/N 102N0100-1, S/N
26/Sep/2022. Form track
ons for Continued Airworth
due Sep 2027.
s P/N BTR-001 (B) and 4
er 32-40 for wheel remov

under the noted shop order

REGISTRATION SPECIFIED IN BLOCK 12

9. Quantity:	1
10. Serial Number:	See Block 12
11. Status/Work:	NEW
12. Form Tracking Number:	607390
13. Work Order/Contract/Invoice Number:	832550 0000327404
14. PC #508	

CERTIFICATE
APPROVAL TAG

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 DISAPPROVING AIRCRAFT FOR SERVICE
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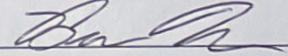
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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SO#	22-33706	Ross Aviation Flight Maintenance			DATE	05/02/2023	
REG.	N220VF	Lincoln Municipal Airport [LNK]			ACTT	950.2	
MAKE	TCM	MODEL	TSIO-550-K	SERIAL NO.	1034659	FLIGHT	950.2
						HOBBS	1094.4

Maintenance Record

1. Removed engine driven fuel pump P/N 649368-60A7 S/N B17EA145. Installed new engine driven fuel pump P/N 649368-60A7 S/N B22IA218W.O 832550. Referencing CMI M-18 MM CH. 10-2 and Cirrus AMM 73-20. Set idle to 700 RPM, Idle fuel pressure to 9.0 PSI, Idle rise to 40 RPM, Full power fuel pressure to 41.9 GPH and MAP to 37.7. Ground run function and leak check proved good.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 22-33706 Date: May 02, 2023

Signed: Benjamin Taylor  for

Ross Aviation Flight Maintenance CRS# LNKR128E
Lincoln, NE 68524

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