

AIRCRAFT LOG
AF5-1



SHERWIN-WILLIAMS.
Aerospace Coatings

Base Coat Colors:

Sterling Silver

CM0855660

Athens Blue

SGP200007

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. JAN 2019

SERIAL NUMBER 1848 REGISTRATION NUMBER N523MK

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.	TS10550K	R 1036683 L
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	PHC-53YF1W	NJK62B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION

11/27/2018




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 ²¹⁸ on 11/27/2018
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	AGENCY CERT. NO.
Life Limited Parts SR22T							
PART NAME	PART NUMBER				EXPIRES		
CAPS Rocket Motor	29500-004	S/N 1734			12/2028		
CAPS Parachute	29696-004	S/N 1233-LW			12/2028		
CAPS Reefing Line Cutters	26707-002	S/N 3511 S/N 3588			08/2024		
ELT Battery Pack	452-6504-1				12-2023		
EMA Controller, AAIR	20902-001	S/N A10 OCT 18-106			10/2025		
Oxygen Bottle Assembly	102N0100-1	MFG Date 08/2018			08/2033		
CO Detector	24660-002	S/N 99723			11/2025		
Pilot Seat Inflator Assembly	20902-005	27181024137 S/N			09/2028		
Co-Pilot Seat Inflator Assembly	20902-005	27181024044 S/N			09/2028		

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

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.
		15 JAN 2019 2.3 HRS	Searched AD's through bi-weekly issue <u>2018-25</u> . All AD's are in compliance at this time.			 
		15 JAN 2019 2.3 HRS	All mandatory Service Bulletins that apply to Cirrus Design Corporation Model SR <u>22T</u> S/N <u>1848</u> have been verified to be incorporated and/or not applicable at this time.			
			 CDC _____ on <u>15 JAN 2019</u> . Cirrus Design Corporation Duluth, MN USA PC# 338CE			

N523MK

Date 3-3-2023

AIRFRAME

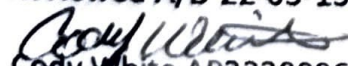
MAKE: Cirrus

SN: 1848

Model-SR-22T

Total Time: 1033.0

Reviewed A/D 22-03-15. Reviewed Airframe logbooks. Not modified by effected STCs.


Cody White AP3230006IA

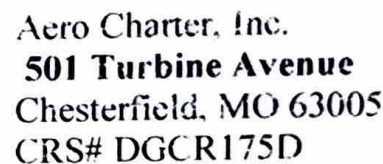
ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

[illegible]

over 1000

	APPROVED BY: AGENCY	CERT. NO.
48		
d		
R43.		
th		
6.		



Work Order No. 20-1966 Inspector [Signature]

RADIO & ELECTRONIC CHECKS



Glendale Aero Avionics

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N523MK**

Date: 11/11/2022

Model: SR22T

S/N: 1848

AIRFRAME LOG

W/O: 70001585

FLT Hobbs: 1032.1

Hobbs: 1239.9

C/W 24 month altimeter and transponder checks as required by CFR 91.411 and 91.413 and was found to comply with CFR Part 43 Appendixes E and F. The altimeter (s) were tested to (25,000) feet.

THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE UNDER THIS FAA APPROVED REPAIR STATION WORK ORDER 70001585.

INSPECTOR: Christopher Hoffman

FAA Authorization: CRS# 4GNR229D

118

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 Design Corp
MODEL: Sr22T
S/N: 1848
REG NO: 523MK
WORK ORDER: 3285



Chuck's Aircraft, LLC.

6200 Aviation Dr. AC101
Austin Executive Airport
Pflugerville, TX 78660
Phone: 512-610-3111

DATE: 4/16/2019
A/C TSN: 125.4
TACH: 125.4

Airframe Entries

CAV CMX 100 hour Demo Inspection. Replaced alternate air door position switch with new unit, 28964-001, operational check satisfactory.

Technicians Who Worked On The Items Listed Above:
Robert McBride, Jr.

Described maintenance is airworthy with respect to work performed.

DATE: 4/16/2019

SIGNED:

Work Order: 3285

Robert McBride, Jr., A&P: 2710158

Printed by EBis 3 (datcomedia.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 DESIGN CORP
MODEL: SR22T
S/N: 1848
REG. NO: N523mk
WORK ORDER: TYS21275-05-2019

Cirrus Design Factory Service Center

Repair Station No: YD5R855Y
4961 Airport Road
Duluth, MN 55811
Phone: 218-733-3049

DATE: 6/8/2019
A/C TSN: 1383
TACH: 1383

Airframe Entries

- (5) Performed Cirrus Demo Care & Maintenance Program Inspection IAW 150 Hour Demo Care Inspection checklist.
- (6) Performed research of the aircraft logbooks for applicable Airworthiness Directives through bi-weekly 2019-09. There are no ADs that require compliance at this time. Performed research of the aircraft records for any mandatory service bulletins that are due.
- (13) Complied with SB2X-42-16 Perspective+ S/W Update v2647.N2
- (14) Installed Ignition Switch IAW Cirrus SR22T AMM 74-30.
- (15) Lubricated door latches IAW Cirrus SR22T AMM 12-20.
- (16) Performed Fuel system setup IAW Cirrus SR22T AMM 73-20.
- (19) Installed new door seal P/N 53169-188 on pilot door IAW SR22T AMM 53-40.

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

DATE: 5/8/2019

SIGNED:

Philip Fellman
Certified Repair Station No: YD5R855Y

Work Order: TYS21275-05-2019

Printed by EBis 3 (datcomedia.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 DESIGN CORP
 MODEL: SR22T
 S/N: 1648
 REG. NO: N523mk
 WORK ORDER: TYS21339-05-2019



Cirrus Design Factory Service Center

Repair Station No: YD5R855Y
 4961 Airport Road
 Duluth, MN 55811
 Phone: 218-738-3049

DATE: 5/14/2019
 A/C TSN: 138.3
 TACH: 138.3

Airframe Entries

(5) Replaced #1 Battery P/N off 53030-001, S/N off 40983674, P/N on 53030-001, S/N on 40986449 IAW Cirrus SR22T AMM 24-30.

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

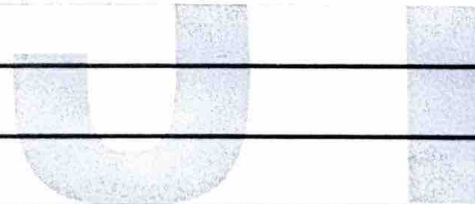
DATE: 5/14/2019

SIGNED:

Dave Bolly
 Certified Repair Station No: YD5R855Y

Work Order: TYS21339-05-2019

Printed by EBis 3 (datcomedia.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

N523MK

Cirrus SR 22T

S/N: 2848

Continental

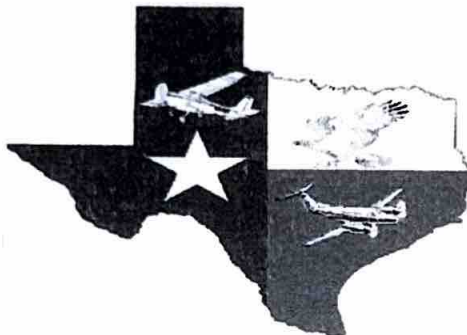
IO550 K 1B

S/N: 1036683

Hartzell

PHC-J3YF-1F -1

S/N: NJ1862B



Grey Hawk Aviation Services. LLC

404 Boerne Stage Airfield

Boerne, Tx. 78006

Airframe

TTAF: 0206

Performed an Annual Inspection IAW FAR 43 Appendix D and with reference to CMM. Removed all access panels on aircraft, inspected and lubed all necessary locations in wings, fuselage, control surface hinges, and empennage. Clean and inspected Induction air filter.

Checked all interior and exterior lighting. Inspected all wiring and hoses for security and chafing.

Inspected brake system. Serviced brake reservoir. Cleaned, and inspected all wheel bearings. Inspected tires and wheels, no defects noted.

Cleaned gasculator, no debris noted. Performed #1 battery cap check, checks good.

#2 batteries due 1/2021. Function tested ELT per FAR 91.207 (d) found to function normally. Battery replacement due 12/2023.

Verified AD compliance thru Bi-weekly issue 2019-16. No new applicable AD's found at this time.

I certify that this airframe was inspected IAW an Annual Inspection and found to be in airworthy condition at this time.

Christopher Reeves 3424570 IA

8/4/2019

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
AIRCRAFT TYPE

N523MK

Cirrus SR 22T

S/N: 7848

Continental

IO550 K 1B

S/N: 1036683

Hartzell

PHC-J3YF-1F -11

S/N: NJ1862B



Grey Hawk Aviation Services, LLC

404 Boerne Stage Airfield

Boerne, Tx. 78006

TTAF: 0318.07

Airframe

Performed an Annual Inspection IAW FAR 43 Appendix D and with reference to CMM. Removed all access panels on aircraft, inspected and lubed all necessary locations in wings, fuselage, control surface hinges, tail, and empennage. Clean and inspected Induction air filters. Checked all interior and exterior lighting. Inspected all wiring and hoses for security and chafing. Inspected cabin windows for cracks and scratches. Inspected brake system. Serviced brake reservoir. Cleaned, and inspected all wheel bearings. Inspected tires and wheels, no defects noted. Cleaned gasculator, no debris noted. Performed #1 battery cap check, checks good. Checked operation of de ice system. Serviced TKS fluid #2 batteries due 1/2021. Function tested ELT per FAR 91.207 (d) found to function normally. Battery replacement due 12/2023. Verified AD compliance thru Bi-weekly issue 2019-21. No new applicable AD's found at this time.

I certify that this airframe was inspected IAW an Annual Inspection and found to be in airworthy condition at this time.

A handwritten signature in black ink, appearing to read "Chris Reeves".

Christopher Reeves 3424570 IA

10/15/2019

MAINTENANCE RECORD

F.A.R. 43.9



AIRFRAME RECORD
ENTRY

Reg. No.	N523MK	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station U7TR491Y Phone (210) 485-1315	Flight Meter	
Model No.	SR22T		Hobbs Meter	
Serial No.	1848		PAGE 1 OF 1	

1. REMOVED UPPER LATCH. INSTALLED NEW UPPER LATCH ASSEMBLY P/N 32920-012. RERIGGED ACTIVATION CABLE AND TIGHTENED TURNBUCKLES REFERENCE SR22 SERIES AMM 52-10. PERFORMED OPERATIONAL CHECKS, NO DEFECTS NOTED.
2. SERVICED ICE PROTECTION SYSTEM TANKS WITH TKS FLUID REFERENCE SR22 SERIES AMM 12-10.
3. SERVICED O2 SYSTEM TO 2000 PSI WITH AVIATORS BREATHING OXYGEN.

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS MAINTAINED OR ALTERED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. ALL DISRUPTED SYSTEMS WERE RESTORED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MFG'S INSTRUCTIONS. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER: 11M-5167.

Date:	01-07-2020	Authorized Signature:	 S.HOLLIDAY
-------	------------	-----------------------	----------------

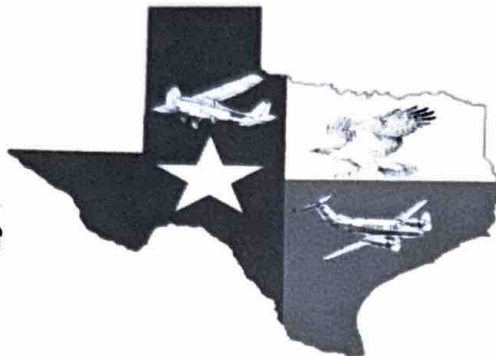
Citrus SR 22T

IO550 K 1B

IO550 K 1B

PHC-J3YF-1F -11

PHC-J3YF-1F -11



404 Boerne Stage Airfield

Boerne, Tx. 78006

TTAF: 0500.9

Airframe

Performed an Annual Inspection IAW FAR 43 Appendix D and with reference to CMM. Removed all access panels on aircraft, inspected and lubed all necessary locations in wings, fuselage, control surface hinges, tail, and empennage. Clean and inspected Induction air filters. Checked all interior and exterior lighting. Inspected all wiring and hoses for security and chafing. Inspected cabin windows for cracks and scratches. Inspected brake system. Serviced brake reservoir. Cleaned, and inspected all wheel bearings. Inspected tires and wheels, no defects noted. Cleaned gasculator, no debris noted. Performed #1 battery cap check, checks good. Checked operation of de ice system. Serviced TKS fluid #2 batteries due 1/2021. Function tested ELT per FAR 91.207 (d) found to function normally. Battery replacement due 12/2023. Verified AD compliance thru Bi-weekly issue 2020-06/07. No new applicable AD's found at this time.

I certify that this airframe was inspected IAW an Annual Inspection and found to be in airworthy condition at this time.

Chet R

Christopher Reeves 3424570 IA

3/27/2020

[illegible]

MAINTENANCE RECORD

Cirrus SR 22T

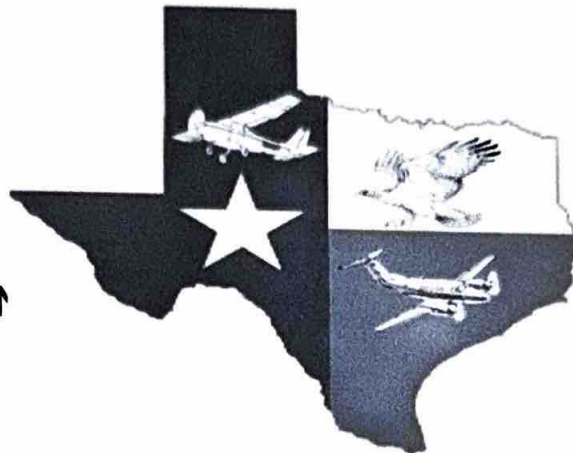
IO550 K 1B

PHC-J3YF-1F -11

PHC-J3YF-1F -11

S/N: NJ1862B

S/N: NJ1862B



404 Boerne Stage Airfield
Boerne, Tx. 78006

Boerne, Tx. 78006

TTAF: 0542

Airframe

Replaced both main tires with Michelin 15X6.00 - 6, 10 PLY and wheel half O rings P/N: 31493-110.
I certify that this airframe is airworthy with respect to work performed at this time

Chapman

Christopher Reeves 3424570 IA

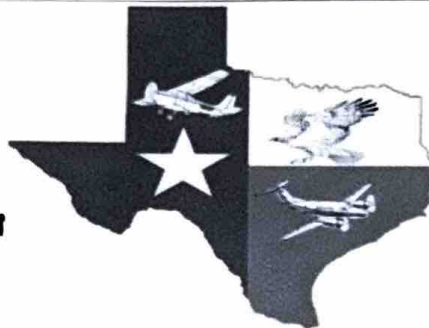
7/12/2020

[illegible]

Grey Hawk Aviation Services, LLC

TTAF: 0595.6

Airframe



I certify that this airframe was inspected IAW an Annual Inspection and found to be in airworthy condition at this time.


Christopher Reeves 3424570 IA

9/7/2020

[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
--------------------	--------------------------	---	---

MAKE: CIRRUS
MODEL: SR22T
S/N: 1848
REG. NO: N523MK
WORK ORDER: 0676



Mistwood Aviation Services, LLC.

18032 Edison Ave
Chesterfield, MO 63005
Phone: 314-200-2650

DATE: 26 October, 2020
A/C TSN: 618
TACH: 618

Airframe Entries

Performed Cirrus Certified Prebuy Evaluation per customer request.
Complied with Precise Flight Cirrus SR22 Built in Oxygen System 100 Hour Inspection per ICA Document 102NMAN0003 Rev. G.
Performed 2 year GMU 44 Magnetometer calibration IAW Cirrus SR22/SR22T AMM 34-20 and Garmin Perspective+ LMM.
Performed GSM 86 Servo Clutch Test IAW Cirrus SR22/SR22T AMM 22-10.
Performed #2 Alternator 500 Hour inspection IAW Hartzell Aircraft Alternator ICA and Brush Service Instructions SIL A-137.
Brushes are at half life and do not need replacement.
Removed and replaced TKS filter part number 21986-203 IAW Cirrus SR22/SR22T AMM 30-07.
Replaced #2 batteries, part number 50979-001 IAW Cirrus SR22/SR22T AMM 24-30.
Replaced nose oleo strut, part number 27057-002 IAW Cirrus SR22/SR22T AMM 32-20.
Complied with Cirrus Optional Service Bulletin, 2X-53-10 "Alternate Cabin Door Seal Installation" part number 52010-010 IAW service bulletin instructions.
Replaced left and right brake pads, part number 31392-105 IAW Cirrus SR22/SR22T AMM 32-42.
Removed EVS camera assembly; part number 24737-010S, serial number 251283. Installed rebuilt EVS camera; part number 24737-010S, serial number 250262 IAW Cirrus SR22/SR22T AMM 93-50.
Installed new engine fuel gascolator assembly; part number 14069-002, serial number 3283 IAW Cirrus SR22/SR22T AMM 28-20.
Removed alternator #1; part number ES10024, serial number H-S052836 and installed new alternator #1; part number ES10024, serial number H-U021397 IAW Cirrus SR22/SR22T AMM 24-30.
Installed new #1 battery; part number RG24-11M, serial number 41112751 IAW Cirrus SR22/SR22T AMM 24-30.

Maintenance Release

The aircraft and/or component(s) on N523MK was repaired and inspected, with regards to the work performed, 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. 0676, Dated 26 October, 2020.

DATE: 26 October, 2020

SIGNED

John Merriman, A&P: 2787167

Work Order: 0676

Printed by EBis 3 (datcomedia.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



SERVICE CENTER

APG Aviation – Maintenance & Repair
28000 Airport Rd. A-17 Punta Gorda, FL 33982
Tel: 941-575-8605 • Fax: 941-575-8734 • qa@avionix.com

N523MK HOBBS 798.1 FLT HOBBS 664.9 DATE 1-20-21

REMOVED AND REPLACED RIGHT SIDE AIRBOX WELDMENT P/N 26367-002.
LANCE MILKO AP 2988662

Jan Milko

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



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPR185E
Airframe Log Entry 523MK

Date: 06/04/2021

Flight Hobbs: 756.9
Hobbs: 909.0

- 1) Accomplished 50hr inspection items in reference to Cirrus SR22T MM CH. 5-20. Operations and leak checks good, no defects noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 36512

Gary Hudnall

Gary Hudnall

Oct 2022

MAINTENANCE RECORD F.A.R. 43.9

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

ANN
ELT



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E
Airframe Log Entry N523MK

Date: 10/19/2021

Total Time: 787.0

Flight Hobbs: 787.0

Hobbs: 941.7

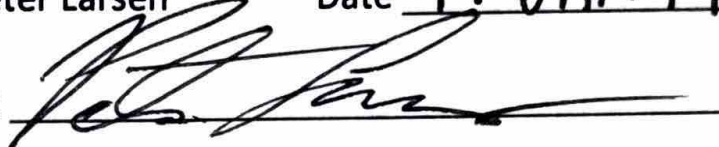

- 1) I certify that the 50/100Hr. / Annual Inspection have been accomplished in accordance with FAR 43 Appendix D annual inspection and was determined to be in airworthy condition.
- 2) I certify that the ELT inspection and operational test has been performed and meet the requirements of FAR 91.207 (d). **Batteries expire 12/2023.**
- 3) Accomplished 100hr/200hr service lube items as required. No defects noted.
- 4) Accomplished 30d fire extinguisher inspection as required. No defects noted.
- 5) Accomplished gascolator service as required. Leak check good, no defects noted.
- 6) Accomplished air intake filter cleaning/service as required. No defects noted.
- 7) Adjusted elevator cable tension in reference to Cirrus MM CH. 6. No defects noted.
- 8) Removed and replaced left and right brake pads with new (P/N: PQT-010(A)) in reference to Beringer Maintenance and Overhaul Manual section 4. No defects noted.
- 9) Removed and replaced fuse holder with new (P/N: HTB-421) for the engine block heater as required. Operations check good.
- 10) Serviced oxygen as required. No defects noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 37052.

Torrance George, Inspector at Jet Center MFR
2021.10.19 13:39:47 -07'00'

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
14 JAN 19	2.3	Production Flight Test accomplished in accordance with Cirrus Procedure #90504
		Name: Peter Larsen Date <u>14 JAN 19</u>
		Signature: 
		Title: Production Flight Test Pilot
15 JAN 2019	2.3	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated <u>15 / JAN / 2019</u> .
		The next inspection is due <u>31 / JAN / 2020</u>
		
		Aaron S. Knudsen 293766879

INSPECTION RECORD

F.A.R. 43.11-91.409

[illegible]

JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E
Airframe Log Entry N523MK

Date: 11-4-2021
Total Time: 787.6
Flight Hobbs: 787.6
Hobbs: 943.7

- 1) Accomplished SB2X42-22R2 Rev. 14 dated August 6, 2021. Systems check good.
- 2) Adjusted prop RPM as required in reference to SR22 MM. Operations check good.
- 3) Removed and replaced left main tire with new (P/N: 025-501-1, S/N:0353T00228) and cleaned and packed bearings. Serviced and installed in reference to SR22T MM. Leak check good.
- 4) Removed and replaced right main tire with new (P/N:025-501-1, S/N:0325T00253) and cleaned and packed bearings. Serviced and installed in reference to SR22T MM. Leak check good.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 37205.

Jeremy Moon
2021.11.04 11:17:36 -07'00'



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N523MK**

Date: 11/11/2022

Model: SR-22T

S/N: 1848

W/O: 80001557

Flt Hobbs: 1032.1

TTAF: 1032.1 Hobbs: 1239.9

AIRFRAME LOG

Complied with an Annual inspection IAW 14 CFR 43 Appendix D in reference to the Cirrus Aircraft SR22/22T annual inspection checklist CH 5-20 & Precise Flight ICA. AD's researched thru T-Data content revision 2022-23, see attached AD compliance list for details.

Life Limited Parts Status:

1. CAPS Rocket Motor p/n 29500-004 s/n 1734. Expires 12/2028
2. CAPS Parachute p/n 29696-004, s/n 1233-LW. Expires 12/2028
3. CAPS Reefing Line Cutters p/n 26707-002, s/n 3511, 3588. Expires 08/2024
4. ELT Battery Pack. Expires 12/2023
5. EMA Controller, AAIR p/n 20902-001, s/n A10OCT18-106. Expires 10/2025
6. Oxygen Bottle Assembly p/n 102N0100-1, MFG Date 08/2018. Expires 08/2033
7. CO Detector p/n 24660-002 s/n 99723. Expires 11/2025
8. Pilot Seat Inflator Assembly p/n 20902-005 s/n Z7181024137. Expires 09/2028
9. Co-pilot Seat Assembly p/n 20902-005 s/n Z7181024044. Expires 09/2028

Complied with 14 CFR 91.207 (d) ELT, by installation inspection and operational check. Operational checks normal. Battery expires 12/2023.

Complied with Cirrus mandatory **SB 2X-32-25**, by inspecting the NLG oleo strut production number. The oleo strut production number (0220-76) is not within the effected range of oleo strut production numbers to be removed from service. No further action required. Mx performed IAW the Cirrus SB2X-32-25 text dated 12/11/2020.

Complied with Cirrus mandatory **SB 2X-71-20R1**, alternate induction air door inspection, by inspecting/verifying that the hinge pin is present and held captive by flattened ends of the hinge. After inspection of the alternate air door hinges, verified both hinge ends are flattened, and a .050" pin gage cannot enter the ends of the hinge. Cirrus mandatory SB2X-71-20R1 has previously been complied with, no further action required. Mx performed IAW the Cirrus SB2X-52-08R2 text dated 12/10/2020.

Complied with Cirrus mandatory **SB 2X-34-29R1**, Pitot/TKS line routing inspection, by inspecting the routing of the TKS/ pitot lines in the LH wing. TKS/ pitot lines found to be correctly routed. No further action required. Mx performed IAW the Cirrus mandatory SB2X-34-29R1, dated 8/12/2019.

Removed existing nose tire p/n 070-310-0 s/n 7216S00024. Installed new nose tire p/n 070-310-0 s/n 2048T00182 with new Beringer nose wheel O-ring p/n 31492-108. Removed existing RH MLG tire p/n 025-501-0 s/n 0352T00253. Installed new RH MLG Michelin tubeless tire p/n 025-501-1 s/n 2097T00122 with new Beringer O-ring p/n 31493-110. Removed existing LH MLG tire p/n 025-501-0 s/n 0353T00228. Installed new LH MLG Michelin tubeless tire p/n 025-501-1 s/n 2079T00188 with new Beringer O-ring p/n 31493-110. Serviced tires to proper psi and reinstalled wheel assy's on aircraft. Mx performed IAW Cirrus SR22/22T AMM Chapter 32-41.

Removed existing Beringer Brake Pads (2Pac) and installed new Berenger brake pads (2Pac). p/n 31392-105 [PQT-010(A)]. MX Performed IAW Cirrus SR22/22T AMM CH 32-42.

Removed rod-end on rudder control rod and replaced with new rod-end P/N 11315-004 and nut P/N AN316-4R. Rudder operation and rigging normal. MX performed IAW Cirrus SR22/22T AMM Chap. 55-40.

Adjusted all flap travels to required specification. MX performed IAW Cirrus SR22/22T AMM CH 27-50.

INSPECTION RECORD

F.A.R. 43.11-91.409

Page 2 of 2

Installed Chafe-tape to side of rocket launch tube to prevent chafing. MX performed IAW Cirrus SR22/22T Caps CMM Chap. 95-01.

Stop drilled RH elevator fairing cuff crack and filled with RTV. Mx performed IAW AC 43.13-1B section 4.

Removed existing A/C Compressor turnbuckle. Assembled new compressor tensioner turnbuckle using turnbuckle barrel p/n MS21251A5S, turnbuckle rod end p/n MS21254-5LS, turnbuckle end p/n MS21254-5RL, and turnbuckle clips p/n MS21256-1. Mx performed IAW Cirrus SR22/22T AMM Chapter 21-50.

Removed deteriorated sealant on all windows. Applied new Black 3M sealant p/n 760UV to all windows as required. Mx performed IAW Cirrus SR22/22T AMM Chapter 20-10.

Removed existing Co-pilot drink broken holder p/n 51179-001. Installed new Co-pilot drink holder p/n 51179-001. MX Performed IAW Cirrus SR22/22T AMM CH 25-10-9.

Removed NLG fork assembly. Removed existing/worn thrust washer, and Belleville washers. Re-installed NLG fork assembly with a new thrust washer p/n 50545-001, new Belleville washers p/n 51853-001 qty. 3, new large washer p/n AN970-8, new small washer p/n NAS1149F0832P, and attached with a new nut p/n MS17825-8. Secured NLG fork assembly with a new cotter pin p/n MS24665-357. Adjusted swivel tension into allowable limits. Mx performed IAW the Cirrus SR22/22T AMM Chapter 32-20.

Removed existing standby #2 batteries p/n 50979-001, Installed new standby #2 batteries p/n 50979-001 qty 2. Operational check normal. MX Performed IAW Cirrus SR22/22T AMM CH 24-30. Battery replacement next due **11/2024**.

Applied RTV in between mixture control cable bracket and flexible crossover hose to maintain clearance and prevent contact. Mx performed IAW Cirrus SR22/22T AMM Chapter 20-10.

Serviced NLG oleo strut with 5606 hydraulic fluid and nitrogen. Mx performed IAW Cirrus SR22/22T AMM Chapter 12-10.

Complied with 50 & 100 hour lubrication schedule per Cirrus Model SR-22/22T AMM Chapter 5-20 and CH 12.

Maintenance and repairs performed in accordance with the Cirrus model SR-22/22T Aircraft Maintenance Manual.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

SIGNATURE: Matthew Hatfield



FAA AUTHORIZATION: 2766522 A&P / IA

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

AIRFRAME

Make: Cirrus MODEL: SR-22T

Date 7-14-2023

SN:1848 Hobbs: 1350.8

Airframe inspected and serviced IAW Cirrus 100-hr Checklist CMM 5-20. ELT battery replaced with new P/N 452-6504-1

S/N:10014116-027. Exp 08/2028. Brake linings removed and replaced with Berringer P/N PQT-010. Left main tire replaced with

Michelin 025-501-1. Performed IAW Berringer MM-STC-010. A/Ds Researched and complied with through this date. I certify this

AIRFRAME has been inspected IAW an 100 hour inspection and was determined to be airworthy this date.

Cody White AP32300061A

11-14-23

Hobbs

1444.2

Removed

A/C

R. Hwy.

Replaced

with

New

low side

R62H-15M.

S. White

#3271683

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE

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

8606 HWY 260, Manning SC 29102

W/O # 3868DATE: 12-14-2023A/C: N523MK MAKE: CIRRUS MODEL: SR22T S/N 1848TACH/HOBBS: _____ HOBBS: 1457.5 ACTT: 1457.5

AIRFRAME:

COMPLIED WITH INSPECTION I/A/W CIRRUS SERVICE/MAINTENANCE MANUAL CHAPTER 5-20. OPEN PANELS, INSPECT CONTROLS SURFACES FOR PROPER OPERATION. LUBRICATE ENTIRE AIRCRAFT. GREASE WHEEL BEARINGS. INSPECT LIGHTS, TIRE PRESSURE & BATTERY. INSPECT BRAKES. -E.L.T. BATTERY, **DUE AUGUST 2028**. COMPLIED WITH SA21-16, VERIFICATION OF CAPS ELECTRONIC IGNITION PROCEDURE AT ANNUAL INSPECTION.

I CERTIFY THE AIRCRAFT, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND OR INSPECTED ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY WITH RESPECT TO THE WORK PERFORMED, **ANNUAL/100 HR.** AND IS APPROVED FOR RETURN TO SERVICE.

SIGNATURE: FREDDIE HILTON, JR. *[Signature]* FAA REPAIR STATION # PB4R434M

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF REPAIR	KIND OF INSPECTION—STATUS & DISCREPANCY LIST
		Avias LLC, 2601 Cirrus Way NW, Kennesaw GA 30144	

Date: 02-09-2024 Logbook: Airframe Tail Number: N523MK Hobbs: 1476.8

Tach: 1229.9 Aircraft Total Time: 1229.9 Model: SR22T Serial: 1848

- COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211 (C)(II). ALL FINDINGS WERE RECORDED ON THIS WORK ORDER.
- REMOVED NLG OLEO STRUT, PN:27057-002 SN:0220-76, AND INSTALLED NEW NLG OLEO STRUT, PN:27057-002 SN:1023-45, IAW CIRRUS SR22 MM 32-20.
- REMOVED TAIL PORPORTIONING UNIT ASSEMBLY, PN:26355-003, AND INSTALLED NEW TAIL PORPORTIONING UNIT ASSEMBLY, PN:26355-003, IAW CIRRUS SR22 MM 30-07. REMOVED TKS METERING PUMP #1 P/N 21950-003 S/N CAVI18100255, AND INSTALLED NEW TKS METERING PUMP #1 P/N 21950-003 S/N CAVI23080364 IAW CIRRUS SR22T AMM 30-07
- REPLACED BULB SEAL ON NOSE STRUT FAIRIN IAW CIRRUS SR22T AMM 32-20.
- REMOVED AND REPLACED LT AND RT WHEEL ROTER CLIPS (13 LT AND 13 RT) THAT WERE WORN OR CRACKED. ALL WORK PERFORMED IAW CIRRUS SR22T AMM 32-40.
- SERVICED O2 SYSTEM IAW CIRRUS SR22T AMM 12-10.
- SECURED LT AND RT MLG UPPER AND LOWER WHEEL FAIRING IAW CIRRUS SR22T AMM 32-10.
- REMOVED AND REPLACED NOSE FORK BUSHING, FORK FLANGE BUSHING, THRUST WASHER, BELLEVILLE WASHERS, AND WIDE AREA WASHER IAW CIRRUS MM 32-20 B(2). PULL TEST SET AT 30 LBS.
- SERVICED ALL TIRES IAW CIRRUS SR22T AMM 12-10.
- ADJUSTED FUEL CAP CLOSED TENSION IAW CIRRUS SR22T MM 28-10.
- REMOVED RT AILERON GAP SEAL, AND INSTALLED NEW "SILVER" RT AILERON GAP SEAL, PN: 14390-003-05, IAW CIRRUS SR22T MM 57-50.
- INSTALLED NEW BRAKE PADS AND ROTORS IAW CIRRUS SR22T AMM 32-42.
- COMPLIED WITH BERINGER SB 019 .
- SERVICED TKS FLUID IAW CIRRUS SR22T AMM CH 12-10.
- PERFORMED FINAL CHECKS AND INSPECTIONS IAW CIRRUS SR22T AMM 5-20.
- PERFORMED AN AIRPLANE RUN-UP IN ACCORDANCE WITH OPERATIONAL/FUNCTIONAL CHECK IN CIRRUS SR22T AMM 5-30.

Continued, Page 1 of 2

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 24022, DATED 02-09-2024.

Certificate: **DK7R442E** | Authorized RTS Technician: **Kevin Southworth**

Sign: 

| Date: 02-09-2024

Avias LLC, 2601 Cirrus Way NW, Kennesaw GA 30144

Date: 02-15-2024 Logbook: Airframe Tail Number: N523MK Hobbs: 1479.7

Tach: 1231.5 Aircraft Total Time: 1231.5 Model: SR22T Serial: 1848

- COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211 (C)(II). ALL FINDINGS WERE RECORDED ON THIS WORK ORDER.
- PRESSURE BLED TKS SYSTEM IAW CIRRUS SR22 MM 30-07. ALL TKS PANELS WETTING OUT, PROP AND WINDSHIELD FUNCTION NORMALLY.
- PERFORMED FINAL CHECKS AND INSPECTIONS IAW CIRRUS SR22T AMM 5-20.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 24075, DATED 02-15-2024.

Certificate: **DK7R442E** | Authorized RTS Technician: **Kevin Southworth**

Sign: 

| Date: 02-15-2024



Sarasota Avionics Inc Tampa (TPA)

845 Severn Ave. Tampa, FL 33606

Tail No: N523MK/Cirrus/SR22T/Serial #: 1848

Date: 4/12/22 Work Order: M3477

Hobbs: 1080.2 Tach: 0896.3

R&R EGT probe NO.6. Installed EVS camera. Ops check good.

I certify, with respect to the work performed, that this aircraft is found to be airworthy and returned to service.

Ryan Schwarzman A&P 3782584.