AIRCRAFT LOG AF5-1



Base Coat Colors:

Desert Tan
SURDIAIH

OPS Green
SURDIAIZ

Brunswick Green

SURDIZZY

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

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TC #A00009CH

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER CITYS Design Corp	MODEL SRUT		DATE OF MFG. 28.5 F. 2022
MANUFACTURER CITUS Design Corposerial Number 883/	REGISTRATION NUMBER N846W		
REGISTERED OWNER			Inspection Status (Check one)
STREET ADDRESS			F.A.R. 91.409 ANNUAL/100 HOUR
CITY, STATE, ZIP			
PERATOR			F.A.R. 91.409 PROGRESSIVE
CITY, STATE, ZIP			
EGISTERED OWNER	4		F.A.R. 135.419 A.T.C.O.
STREET ADDRESS			
CITY, STATE, ZIP			OTHER
PERATOR		DATE EN	ITERED
STREET ADDRESS			MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'			

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Aerospace Technologies Inc.	T/TO FFO L	R 1043878
		TSIO-550-K	R
ENGINE			L
PROPELLER	Hartzell Propeller Inc.	PHC-J3YIF-IN	NJ2644B
PROPELLER)		
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER	1		
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION
2 Any 2022	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 on 2/Aug 2022 Cirrus Design Corporation Duluth, MN USA PRODUCTION CERTIFICATE NO. 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBE		SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIM OR T.B.O			10VAL /HOURS	AGENCY CERT. NO.
				Life Limited	Parts SR22	T				
		_	RT NAME	PARTNUMBER			ÉXPI	RES		
		CAF	S Rocket Motor	29500-006	S/N: 2991		08/20	032		
		CA	S Parachute	29696-004	S/N: 0993N		07/20		1	
		C A Cut	PS Reefing Line ters	26707-002	S/N: 7888 S/N: 8005		05/20)28		
		ELT	Battery Pack	452-6504-1			10/20	028		
	-	EM AA	A Controller,	20902-001	S/N: A06JUN22-5	8	06/20	029		
			ygen Bottle sembly	102N0100-1	MFG Date: 05	/2022	05/20	037		
		CC	Detector	24660-002	S/N: 114191		07/20	029		
			ot Seat Inflator sembly	20902-005	S/N: Z7DH047D02	95	06/20			
		Co	-Pilot Seat ator Assembly	20902-005	S/N: Z7EH046D02		06/2			
				ļ F		F				
		~								

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL.	ITEM	DATE & HRS.	METHOD OF	TYPE OF A.D.		IAII FIVIACE II	
NUMBER	AFFECTED	AT COMP.	COMPLIANCE	1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE		IZED SIGNATURE TIFICATE NO.
		244 EP. W	All Airworth reviewed the 2012-20 At this time. Directives waircraft, aircraft accessories	there are vhich are craft engin	weekly issu e no Airwor applicable	e been le thiness to this	MFG S83
				e e			
		ISSEP-LON 3.1	All mandatory S Corporation Moverified to be inceeded. CDC Cirrus Design Corporation Moverified to be inceeded.	del SR <u>227</u> corporated a on 28 <i>SE</i>	S/N <i><u>883/</u> nd/or not applica Ep2012</i> _	have been	

OMPLETION	IN SERVICE	⊨
MODEL S/N 88	CIRRUS DESIGN CORP SR22T 31 O: N846W	•

WORK ORDER. KTYS28100-10-2022

AIRCRAFT TIME

IN SERVICE

CIRRUS Cirrus Factory Service Center

DESCRIPTION OF WORK PERFORMED

OR APPROVED DATA USED

DATE: 10/10/2022 A/C TSN 76 TACH 76

AGENCY & CERTIFICATE NO.

WORK PERFORMED/RETURNED TO SERVICE

Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa. TN 37701 Phone 865-980-8702

Airframe Entries

DATE OF

- (3) Applied replacement vinyl, P/N 12343-XXX-FUSE-FLH, IAW SR22T AMM 51-20.
- (4) Touched up edge paint on interior windscreen IAW Cirrus SR22T AMM 51-20 and 51-30.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service Pertinent details of this work order are on file at this Certified Repair Station CRS 9B0R988C

DATE: 10/10/2022

SIGNED:

Work Order: KTYS28100-10-2022

Linda Myers

Certified Repair Station No. 9B0R988C

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AirQuest Aviation

485 Airport Road Butler, PA 16002



Date: 10/20/2022; Aircraft: N846W; Type: SR22T; S/N: 8831

Shop Order #: 22-4013

Airframe Log

1:) Complied with initial 25 hour inspection of aircraft as per Cirrus SR22T maintenance manual 5-20.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Hobbs time: 30.1 Flight time: 23.4

Authorized Signature

Mike Collins for AirQuest Aviation CRS # Q3ER924K

	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFIC WORK PERFORMED/RETUR
MODEL SF S/N: 8831 REG: NO: N	N846W DER KTYS28415-11-2022	CIRRUS Cirrus Factory Service Center Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa, TN 37701 Phone: 865-980-8702	DATE: 11/12/2022 A/C TSN: 43.9 TACH: 43.9
(13) Loose Work done (14) Reme (15) Scrut (16) Scrut (17) Repo (18) Pulle and close operations tests. All te (19) Instale	ened friction knob and acte IAW Cirrus SR22T AMI oved temp control linkage bloed R/H Inboard Ice Participated L/H Inboard Ice Participated Assert logs and read the cout panel, disconnected all checked system, Opsidests passed. Work done alled rod end back to ball for airframe, aircraft engine, proministration and is approved to the Idea of the course	e P/N: 22120-003 and installed new P/N: 22120-003 IAW Cirrus SR22T nel and Performed Functional Check of TKS System IAW Cirrus SR22T nel and Performed Functional Check of TKS System IAW Cirrus SR22T nel and Performed ops check IAW Cirrus SR22T AMM 34-50. The through the GTS diagnosis app. Disconnected connections at antenall connectors on traffic box, inspected all connectors and rang coaxes, recheck good. Reinstalled pilots seat. Ran aircraft outside, and performed IAW Garmin Perspective + LMM and Cirrus SR22T AMM 25-10. Speller or appliance identified was repaired/inspected in accordance with current required for return to service. Pertinent details of this work order are on file at this Certified Relations.	lever. No defects noted. AMM 21-60. AMM 30-00. AMM 30-00. Ina, removed pilot seat reseated all connectors, multiple Traffic system Illrements of the Federal pair Station CRS 9B0R988C.
	Ste		der: KTYS28415-11-2022 EBis 3 (datcomedia.com)

		I.A	.n. 73.9		
OF TION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WO OR APPROVED		AGENCY & CERTIFIC WORK PERFORMED/RETURN	ATE NO. IED TO SERVICE
MAKE CIRRUS MODEL SR22T S/N. 8831	DESIGN CORP V KTYS28463-11-2022	CIRRUS Cirrus Facto Repair Station No. 114 Cirrus Landing Alcoa, TN 37701 Phone 865-980-8	9B0R988C		
12343-XXX-TA	v stripes to the LH I NL-RH IAW Cirrus	ower cowl and the RH vertical P/N: 13 SR22T AMM 51-20.			
he aircraft, airfra viation Administ DATE: 11/19/2	ration and is approved	opeller or appliance identified was repaired for return to service. Perturent details of this identified in the identified was repaired.	/inspected in accordance visions work order are on file at t	with current requirements of the Federal this Certified Repair Station CRS 9B0R988C Work Order: KTYS28463-11-2022	
	J	ared Bostic Pertified Repair Station No. 9B0R988C		Printed by EBis 3 (datcomedia.com)	
MAKE: Cirrus D MODEL: Sr22t S/N: 8831 REG NO: N846 WORK ORDER	sw	FLYERS X 1	Nassau Flyers 300 New Hwy farmingdale, NY 11735 Phone: 631-454-0626	DATE: 12/9/2022 A/C TSN: 54.4 TACH: 54.4	
Airframe En		pressure sensor and replaced with ne	w. Performed operation	nal check of same, no defects noted.	
Maintenance Re		•			
manufacturers r	ecommendations and	ponent(s) on N846W were repaired and ins was found to be in airworthy condition. Thi and described above, this date and times.	s aircraft engine propelle	n current Federal Aviation Regulations and er or component(s) is approved for return to	
DATE: 12/9/2	2022	SIGNED: #15		Work Order: 7291	

Syed Rafay Hossain, A&P: 4521779

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		F.A.K. 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
485 Airpo Butler, P/	A 16002		AIRQUEST AVIATION
	er #: 23-4151	W; Type: SR22T; S/N: 8831	
installation Cirrus SR2 2:) Repair Cirrus SR2 FUSE-RH	a accordingly, and instance man 22T maintenance man red the composite dan 22T AMM 51-70 figure as per Cirrus SR22T asert files for GTS 80	or panels and removed co-pilot window. Cleaned and prepped alled new window, P/N: 10712-008. Installed new "emergency hual 11-20. Re-installed interor door panels, IAW Cirrus SR22 hage found under exhisting window on the co-pilot door and ap 51-70-01. Applied new rescue placard P/N: 12437-001 and sumaintenance manual 11-20.	exit" placard P/N: 12436-002 as per Airplane Maintenence Manual, 56-30. oplied surface protection (paint) IAW urface stripe with new P/N:12343-XXX-
Hobbs tim			Repair Station.
	a dignature <u>y y v v v</u>	Nathan Courtney, AirQuest Aviation	on CRS # Q3ER924K
4.			
% =			
"-			

TE OF
DATE OF
COMPLETION

AIRCRAFT TIME IN SERVICE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

AirQuest Aviation 485 Airport Road Butler, PA 16002



Date: 2/24/2023; Aircraft: N846W; Type: SR22T; S/N: 8831

Shop Order #: 23-4254

Airframe Log

- 1:) Complied with 100 hour/annual inspection of airframe in accordance with Cirrus SR22T Airplane Maintenance Manual, 5-20.
- 2:) Complied with research of airworthiness directives for aircraft
- 3:) Complied with inspection of ELT and battery in accordance with F.A.R 91.207(d). Battery EXP: OCT/2028
- 4:) Installed chafe tape to both L/H and R/H MLG (upper) wheel pant fairings and upper strut fairing IAW Cirrus SR22T Maintenance Manual, 32-10, chapters 20 and 51.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. ACTT:87.9 Hobbs time: 108.9 Flight time: 87.9

Signed Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

		r.A.n. 43.9	
DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO S
MODEL: SF S/N: 8831 REG: NO: N WORK ORI	N846W DER: KTYS31029-12-2023	CIRRUS Cirrus Factory Service C Repair Station No. 9B0R988C 114 Cirrus Landing Alcoa, TN 37701 Phone: 865-980-8713	
Airframe	Entries		
(3) Remov	ed oil pressure sensor and	installed new oil pressure sensor PN:12635-004 I	AW Cirrus SR22T AMM 79-30
DATE: 12/	Stever	y work of	Work Order: KTYS31029-12-2023 Printed by EBis 3 (datcomedia.com)
			odic
		Carried and Art.	order the

MAINTENANCE RECORD

AirQuest Aviation 485 Airport Road Butler, PA 16002



Date: 6/20/2024; Aircraft: N846W; Type: SR22T; S/N: 8831

Shop Order #: 24-5165, Closed: 7/22/2024

Airframe Log

- 1:) Complied with 100 hour / annual inspection of airframe in accordance with SR22T maintenance manual, chapter 5.
- 2:) Complied with research of airworthiness directives for aircraft
- 2.) Complication of the state o Cirrus SR22T maintenance manual chapter 28. Performed satisfactory leak check of fuel bowl.
- 4:) Complied with inspection of FLT and battery in accordance with F.A.R 91.207(d). Battery next due: Oct 2028.
- 5:) Adjusted (tightened) ignition switch mounting IAW Cirrus SR22T maintenance manual, Chapter 74-30. Performed operational check of switch.
- 6:) Removed and installed new engine cowling seal PN: 53722-63U IAW Cirrus Maintenance manual, Chapter 71-10.
- 7:) Removed torn nose gear fairing seal and replaced with new seal P/N: 26607-104 in reference to Cirrus SR22T maintenance manual chapter 32.
- 8:) Removed worn R/H MLG tire and replaced with new tire P/N: 14075-009 S/N: 3047T00095 in reference to Beringer maintenance manual section 5.
- 9:) Replaced all MLG brakes pads (4) with new PN: 31392-105 IAW Beringer Maintenance Manual BRG-ALTP-02.
- 10:) Re-attached left and right MLG strut fairing grommet with new tape P/N: 51042-005U in reference to Cirrus SR22T maintenance manual chapter 32.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in accordance with current FAA Regulations and is Approved for Return for Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station. I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

ACTT: 290.3 Hobbs time: 347.3 Flight time: 290.3

Nathan Courtney for AirQuest Aviation CRS: Q3ER924K

DATE OF COMPLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

AirQuest Aviation

145 Cessna Drive BeaverFalls PA 15010



Date: 4/23/2024; Aircraft: N846W; Type: SR22T; S/N: 8831

AIRFRAME

Replaced number one battery using new battery PN: RG24-15M SN: 41374958 IAW Cirrus SR-22T maintenance manual section 24.

The Aircraft and/or Component Identified above was inspected and/or repaired in accordance with current FAA Regulations and is approved for return to service with regaurds to work performed. Hobbs time: 334.4 Flight Hobbs: 280.3 AFTT: 280.3

John Norge AP3520539IA



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

Name: Peter Larsen Title: Production Flight Test Pilot

Signature: Let hat fun Date: 25 SEP 22

I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 28 /5EP / 2022.

The next inspection is due 30 /5EP / 2023.

The Pays

Abram K. Pauna ODA-834662-CE