ATRORAIGIT LOGA ATS-11



Base Coat Colors: Sterling Silver SGM06660

Granite Grey SGMOGGG3

Primer E2A960 Clear CM0850CC1

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 Log TABLE OF CONTENTS

TC #A00009CH

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Aero Products Corporation

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	AIRCRAFT DESCRIPTION	
MANUFACTURER Cirrus Design Corp.	MODEL SR227	DATE OF MFG. Dec 2015
SERIAL NUMBER	REGISTRATION NUMBER NSTEM	A STATE OF S
REGISTERED OWNER		Inspection Status (Check one)
STREET ADDRESS		
CITY, STATE, ZIP		F.A.R. 91.409 ANNUAL/100 HOUR
OPERATOR		F.A.R. 91.409 PROGRESSIVE
STREET ADDRESS		
CITY, STATE, ZIP		
EGISTERED OWNER		F.A.R. 135.419 A.T.C.O.
STREET ADDRESS		
CITY, STATE, ZIP		OTHER
PERATOR		DATE ENTERED
STREET ADDRESS		MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'		

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc.	TS10550K	r /031476 L
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	PHC-J3YIF-IN	N1/1978
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER	la de la companya di na companya di		
ENGINE		·	
ENGINE			
PROPELLER			
PROPELLER			
			·

MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION	
II/IZ/ZOIS	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 11 / 12 / 2015 Cirrus Design Corporation Duluth, MN USA PRODUCTION CERTIFICATE NO. 338CE	

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGE! CERT.
	$H \vdash$		Life Limited	l Parts SR227	<u> </u>		
	PA	RT NAME	PART NUMBER		EX	PIRES	
	CAF	S Rocket Motor	29500-004	S/N 078	7 10/2	2075	
	CAI	PS Parachute	29696-004	s/n/B072		2075	
	CAI Cutt	PS Reefing Line ters	26707-002	S/N 1606 S/N 1604		1021	п
	ELT	Battery Pack	452-6504-1		05,	12022	
	EM/ AAI	A Controller, R	20902-001	A06AUG	5-87 09	8/2022	
		gen Bottle embly	102N0100-1	MFG Date 08/2	015 0	8/2030	
	СО	Detector	24660-002	S/N 9520	4 11	1/2022	:
	100	t Seat Inflator embly	20902-002	143±1421 S/N_10114	01	1/2018	
	Co-l	Pilot Seat tor Assembly	20902-002	8/N_10155	0	7/2018	
							+
					+		
,					-		

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

ITEM AFFECTED DATE & HRS. METHOD OF COMPLIANCE TYPE OF A.D. NEXT COMP. AT COMP. AT COMP. AT COMP. TIME THE TIME TH

				CIONI D	OLLETIN CO	MPLIANCE RECURD
.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.
		12-21-15 Hay 4.9	Searched AD' issue <u>2015-</u> compliance at	s through b 35 . All A this time.	i-weekly D's are in	Brian D Zupp (30,0)
			and thought on an absence	and the second second	<u> </u>	
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			ALC: NAME OF THE PARTY OF THE P			
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		-				

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 reporter test requ	altimeter, stat	ic system, trans	ponder, and al	titude		. 1 . 1
	been performed	and found wit	hin the limits of	f FAR 43 appe	ndices	20X.	THE STANGE OF TH
1	E&Fand AC	43-6C.				11.00 866 804)	Stem & stem & has been as been
-	TESTED TO	25,000	FEET OF	11-20	-/5	Avionics , TX 78660 CIYR304X	3 has system ——
-	Transponder Mod	el GTY	min_P/N <u>2</u> 33ES S/N <u>8</u>	4653-002		T 7 1	0 # 4 % — — — — — — — — — — — — — — — — — —
-	iviou	OI. <u>OIA-</u> 3	0/1/2	0/15070	pr Prince	Struments & A. I.A. Pflugerville, Repair Station #C	Q Q & Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
	ADC 1:	Model Gl	OC74A P/	N 24651-001	I	nts nger tati	ach time ach time 99 Tested 14 CFR 91.411 & mpliance with FAR mpliance
		Model Gl		me. Pflu ir S	tir Geserate Services of the s		
	ADC 2 :		OC74A P/		<u> </u>	'ru 1A epa	ch t Ch t In Tell Saltitude A CFR Miance
		S/N	206213	<u>21</u> .		Instruments Suite 1A Pfluger	Taker, a somp
	Altimeter: Mi	fg <u>MD 302</u>	2_P/N <u>3049</u>	9-004		Su	o 250 0 250
		615-1				Rd Rd	the a required in the a
	CDC Quality A	Assurance_	22	on 11 / 2	3/15 —	532	# that that the find
	Cirrus Design	Corporation	n Duluth; Mi	N USA		EB manu manu 251-5	der test de la contra c
	PC# 338CE				<u> </u>	7.4STLEBEI 3405 Immanuel ph. 512-251-532	C # N 87 Ork orde This certifies transponder teastformed, and is nspector cla form H7 Rev. 6/1
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A	ph /C /or tr perfo	# 1 # 1 This canspose	Imm 2-25 V 8 ord certificander d, and	es the testing of	el R 322 /E/ #_ at the ng re netion	d. S FA 10: altim	Ta 350 neter,	altitud 14 CF opliand	ir St tin es de rep	atione ne tec porte	n #C	17 12 12 10 20 110 syst 113 h Appe	304 8 stem nas bo	hr k ft & een E & F	••

	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ELECTRONIC C	NEXT CHECK	
ATE	IIIVIL	A STATE OF THE PARTY OF THE PAR	, Will	/ ILDULIS	DUE	SIGN
Date: 4/10 Shop Order Performed /a/w Mid- Instruction	0/2018; Aircraft: No or #: 18-1384, Clos altitude and airsp continent Model M s. s aircraft was repa at FARs and is in a	eed calibration procedure ID302 Series Installation aired and inspected in accordan airworthy condition for	e for MD-302 indicator Manual and Operating cordance the work performed	Date: 4/04/2019; Aircraft: N87 Shop Order #: 19-1608, Close Updated Cirrus Perspective/G version 0764.37 in accordance Navigation and supplement da Aircraft owner supplied appro Perspective Integrated Avioni 190-00820-12 Rev B and Cirr Doc No 190-00821-12 Rev A	d: 4/04/2019 carmin G1000 system to Perspe e with Cirrus SB2X-42-17 dated atabases updated after softward priate temporary revisions to Pi cs System Pilots Guide Garmin us Perspective Cockpit Refere	n1.1 ective software d March 18, 2019. e update. OH and Cirrus I Doc No
•	is approved for re letails of the repair Blakely	r are on file under the Sh A/P-IA Cert. # 2656376	ng n	I certify this aircraft was service FARs and is in an airworthy capproved for return to service Pertinent details of the repair Order listed above Signed: ALPHA AIR CENTER CRS	are on file at this Repair Statio	
above and Pertinent o	is approved for re letails of the repair Blakely	r are on file under the Sn A/P-IA Cert. # 2656376	ng n	FARs and is in an airworthy of approved for return to service Pertinent details of the repair Order listed above	are on file at this Repair Statio	on under the Shop
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MAINTENANCE RECORD F.A.R. 43.9

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

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

MAKE: Cirrus Design Corp MODEL: SR22T S/N: 1217 REG. NO. N877EM WORK ORDER: 17629-12-2015



Cirrus Design Factory Service Center

4961 Airport Road Duluth, MN 55811 Phone: 218-788-3049 DATE: 12/28/2015 A/C TSN: 5.2 FLIGHTTIME: 5.2

Airframe Entries

(2) Removed and replaced GMC 705-20 with YD Autopilot panel (P/N- 24645-002) (Old S/N- 173006649, New S/N- 173006551) IAW Cirrus AMM 22-12. Autopilot operation function check good per Cirrus AMM 22-12.

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: 12/28/2015

SIGNED:

Ben Hodghe

Work Order: 17629-12-2015

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Address of the second

Midwest Aircraft Refinishing 11038 Hwy 37 Bld A Box 8 Hibbing, MN 55746 (218)404-0314 Cirrus Design Corp SR22T 13 July 2016 N877EM 22T-1217 Hobbs- 78.6 FLT-60.8 Airframe Entry

Removed and disassembled engine cowlings, flight controls, fairings, cabin doors, wing tips, baggage door, access panels, grab handles, and entry steps in preparation for paint work. Sanded areas of upper fuselage, upper wing skins, and upper horizontal stabilizer skin to inspect for composite damage after hail strikes. No composite damage was found. Replaced RH IB ice panel and LH OB ice panel IAW SR22T AMM CH 30-10. Replaced both IB stall strips and RH OB stall strip IAW instructions from Cirrus Engineering. Prepped and painted upper surface of wings and horizontal stabilizer, and entire fuselage and associated parts IAW SR22T AMM Ch 51. Displayed N# on aircraft. Replaced all affected required exterior placards. Replaced flaps, and ailerons IAW SR22T AMM CH 57-50. Replaced Elevators IAW SR22T AMM CH 55-20. Removed propeller and shipped to Hartzell for repair. Re-installed propeller IAW SR22T AMM CH 61. Re-assembled aircraft IAW SR22T AMM. All checks good. All work performed IAW SR22 AMM. W&B changes negligible. I certify that this aircraft is approved for return to service.

Ross W. Robillard

A&P # 3353760

Signature

1555/ / Mr

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PER OR APPROVED DATA U	IFORMED SED	AGENCY & CERTIFICAT WORK PERFORMED/RETURNE	E NO.
	e e e e e e e e e e e e e e e e e e e	N# N 877 EM WO# Performed required post mainten 00500/90501/90504/throughout i and found satisfactory. ilot: Nate Alm	ASN	CDC PS operation) TO SERVIC
	(Hobbs: 122.3 Hr inspected oil filte P/N CH48108-1 8 R/R Oil pressure s for scope of ma	s.) Drained engine oil, took Blackst remedia for contaminants with nor a safety-wired, replenished engine sensor, p/n: 1235-004, all work perfeintenance task. Parts provided by the under W.O.# 20160195; Engitturn to service.	ne found, installed no with 8 qts of Aeros ormed with A.M.M. a y Aircraft Manufact ne components ope Ezeq	ENG S/N: 1031476. FLIGHT: 95.9 Hrs. noved engine oil filter, ew oil filter Champion shell engine oil W100. & E.M.M. as reference urer: Details of work	

MAINTENANCE RECORD F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE AIRCRAFT TIME OR APPROVED DATA USED DATE OF COMPLETION IN SERVICE **DATE:** 11-16-2016. ENG: TSiO-550K. **REG. #:** N877EM. ENG S/N: 1031476. TIDAL AVIATION A/C S#: 1217. FLIGHT: 95.9 Hrs. (Hobbs: 122.3 Hrs.) Tensioned nose wheel fork assembly to A.M.M. specifications.(25lbs) all work performed with reference A.M.M. for scope of maint. task. With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Tidal Aviation under work order: 20160195. Ezequiel A. Russian. A&P #: 3845964. REG.NO. N877EM ALAMO AERO SERVICES, INC. DATE: 11/2/2017 AIRCRAFT S/N: 1217



P.O. BOX 460212 SAN ANTONIO TX 78246 PHONE (210) 525-9677 FAX (210) 525-1226

Performed the following maintenance:

Replaced left main tire p/n: 156E06-1 and o-ring p/n: 31493-110.

The maintenance and / or inspection performed on the aircraft identified above was performed in accordance with current federal aviation regulations and was found to be airworthy for return to service.

> Mike Kappel AP 3325060

Flight Hours: 140.7

DATE: 2/22/2018 #2 batteries, 50979-001 accomplishment instructions, no defects noted. This SB has 50 hour repetitive inspections.... Replaced LH weldment / airbox, p/n 26367-002.... Replaced Airframe Entries WORK ORDER: 2555 S/N: 1217 **REG. NO: 877EM** MAKE: Cirrus Design Corp

Chuck's Aircraft, LLC.

Pflugerville, TX 78660 **Austin Executive Airport** 6200 Aviation Dr. AC101

> FLIGHTTIME: 142.8 DATE: 2/22/2018 A/C TSN: 142.8

with Cirrus SB 2X-32-23 by nose shimmy reduction, tire pressure check and accomplishment instructions.... C/W SB2X-42-12 by updating software to 0764.35.... Complied with SB2X-95-24R1 CAPS ground wire installation.... Complied with Cirrus SB 2X-32-22 R1 (NLG strut assy. inspection) by diagnostic tool 508987-401, no defects indicated.... Removed seat inflator to check manufacture date, seat inflators not due until July 2020.... Complied gear castor tension. Serviced brake reservoir. Removed and reinstalled LH aileron after roll bungee inspection. Tested AmSafe restraint system with Performed annual inspection per Cirrus Maintenance Manual Chapter 5 and Form M100. Inspected ELT per 91.207(d), found satisfactory. Checked nose Phone: 512-610-3111

Technicians Who Worked On The Items Listed Above

Jessy Parsons, Robert McBride, Jr.

certify this aircraft has been inspected in accordance with an argual inspection and was determined to be in airworthy condition SIGNED: MWW.

Robert McBride, Jr., IA: 2710158

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Work Order: 2555



5509 Dennis Weaver Dr., Webb City, MO 64870

Checked brake fluid, tire pressures, pitot heat, exterior lights and performed a Shop Order #: 18-1454, Closed: 7/20/2018 Date: 7/20/2018; Aircraft: N877EM; Type: SR22T; S/N: 1217; Hobbs: 267.7 general walk

approved for return to service. FARs and is in an airworthy condition for the work performed above and is certify this aircraft was repaired and inspected in accordance with current

Pertinent details of the repair are on file under the Shop Order listed above

Michael P. Blakely

A/P-IA Cert. # 2656376

- Linchal P. Plakelypate 7-20-2018



5509 Dennis Weaver Dr., Webb City, MO 64870

Shop Order #: 18-1484, Closed: 9/20/2018 Service O2 system with aviator's breathing O2. Date: 9/20/2018; Aircraft: N877EM; S/N: 1217; Hobbs: 267.7 FARs and is in an airworthy condition for the work performed above and is Trimmed top cowl gasket and secured several loose cowl screws I certify this aircraft was repaired and inspected in accordance with current

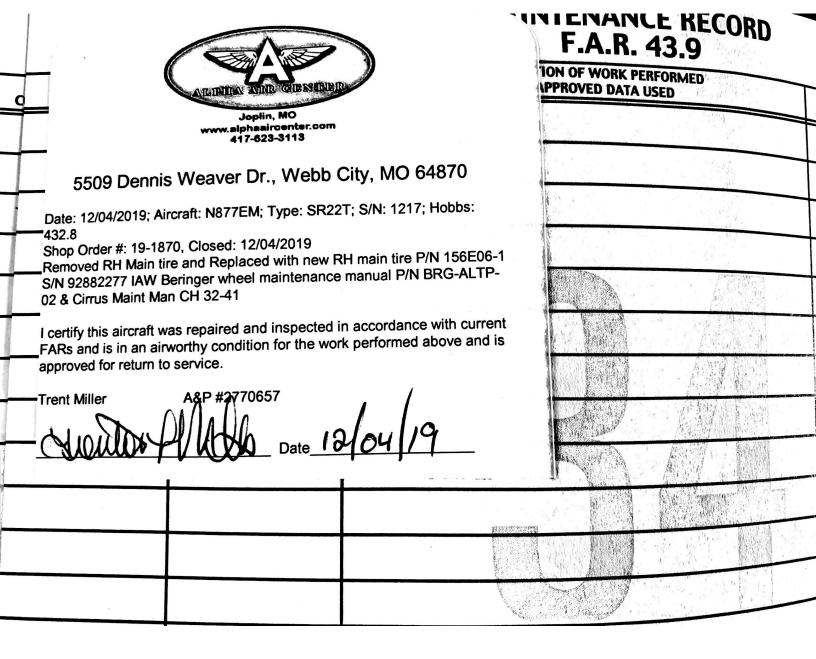
signed Signed & Blakely Order listed above. Pertinent details of the repair are on file at this Repair Station under the Shop approved for return to service. Date 9-20-2018

ALPHA AIR CENTER CRS# 9KCR114D

F.A.R. 43.9 5509 Dennis Weaver Dr., Webb City, MO 64870 5509 Dennis Weaver Dr., Webb City, MO 64870 Date: 1/30/2019; Aircraft: N877EM; Type: SR22T; S/N: 1217; Hobbs: 335.3 Shop Order #: 19-1560, Closed: 1/30/2019
Removed electric fuel pump p/n 5217-00-3, s/n 7080 and replaced with overhauled pump p/n 5217-00-3, s/n 3915 i/a/w Cirrus SR22 AMM 28-20. Op: I certify this aircraft was repaired and inspected in accordance with current FARs and is in an airworthy condition for the work performed above and is approved for return to service.

Pertinent details of the repair are on file under the Shop Order listed above. Date: 1/08/2019; Aircraft: N877EM; Type: SR22T; S/N: 1217; Hobbs: 335.3 Shop Order #: 19-1552, Closed: 1/08/2019 Inspected oil pressure sensor and wiring. Cleaned sensor connector. Ops cks good.
I certify this aircraft was repaired and inspected in accordance with current FARs and is in an airworthy condition for the work performed above and is approved for return to service. Pertinent details of the repair are on file under the Shop Order listed above. Pertinent details of the repair are on file under the Shop Order listed above. Michael P. Blakely A/P-IA Cert. # 2656376 Adam Piepke A&P #3965513 Date 1-30-19 Joplin, MO alphaaircente 417-623-3113 5509 Dennis Weaver Dr., Webb City, MO 64870 Date: 7/19/2019; Aircraft: N877EM; Type: SR22T; Hobbs: 380.5 Shop Order #: 19-1692, Closed: 7/19/2019
Serviced O2 system with aviator's breathing O2. No leaks noted. I certify this aircraft was serviced and inspected in accordance with current FARs and is in an airworthy condition for the work performed above and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under the Shop Order listed above. licher ! ALPHA AIR CENTER CRS# 9KCR114D

TIVE KECORD



AIRCR	KIND OF INSPECTION-STATUS & DISCREPANCY LIST RVICE SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRA	FT FOR SERVICE
Are 1) 9.	Production FlightTest accomplished in accordance with Cirrus Procedure #90504. Name: Nate Alm Date 18 000 11	
	Title: Production Flight Test Pilot	
NEL2015 4	I find that the aircraft meets the requirements for the	
	certification requested and have issued an U.S. Standard Airworthiness Certificate dated 21 / DEC/2015. The next inspection is due 31 / DEC/2016.	
	1 faufund	
	David C. Hallfrisch 053841467	

