AIRCRAFTLOG AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CITTUS Design Corp. MODEL SR20	DATE OF MFG. 9 /2002
SERIAL NUMBER 1232 REGISTRATION NUMBER 1297	CD
REGISTERED OWNER	Inspection Status (Check one)
STREET ADDRESS	F.A.R. 91.409 ANNUAL/100 HOUR
CITY, STATE, ZIP	F.A.R. 91.409 ANNOAL/100 HOUR
OPERATOR	F.A.R. 91.409 PROGRESSIVE
STREET ADDRESS	
CITY, STATE, ZIP	
REGISTERED OWNER	F.A.R. 135.419 A.T.C.O.
STREET ADDRESS	
CITY, STATE, ZIP	OTHER
OPERATOR	DATE ENTERED
STREET ADDRESS	MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'	
·	

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental	IO-360-8568	R 357535
ENGINE			R L
PROPELLER	Hartzell Propeller	BHC-JayF-1BF	EF295B
PROPELLER		157694	
ENGINE	ž.		
ENGINE			
PROPELLER	ř.		
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PROPELLER			

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

			F.A	I.K. 91.411				
ATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVEI AGENCY	O BY: CERT. NO.
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_	THE STATE OF THE S	. <i>4</i> . 1	1207CD	Data	Mov 1	9 2020		
_	DUNCAN Reg		N297CD	Date:	_	8, 2020	Aircraft O/Al	4000
_	Mak		CIRRUS DESIG CORP	N Model:	SR20		Aircraft S/N:	1232
		stomer:	Arapahoe Aero	Hobbs Tir	me: 1306. 5	5		
— Coi	mpleted the 24 moi	nth certificati	on of the static	pressure syster	m and the tra	nsponder sys	tem. The aircraft	S
— alti	meter system(s), st	tatic system(s), automatic pro	essure altitude	reporting sys	tem(s) tests	and inspections	-
	uired by Title 14 Cl							
hav	ve been performed	and have be	en round to com	ipiy with Title 1	14 CFR 43, Ap	pendices E a	na F.	
_	• Altimeter P/N: 5	934D-3 S/N:	427438					
_	• Encoder P/N: A-			00170				
	• Transponder P/N	N: 011-03302	-00 S/N: 3EG00	19179				
The	e above listed equip	oment, altitud	de reportina syst	em(s) data co	rrespondence	, and aircraft	static system(s) v	vere
	ted to 20,000 feet							
— A c	letailed record is or	n file under w	ork order 7F3X	A.				
	0:		12			ICAN 271		
	Signed:		Una		Idi	2/1		
		For Dunc	can Aviation R	epair Station	JG7D076J P	hone: 303-64	9-1790	-
								,

COMPLETION	
	SIGNATURE
	TECHNICAIR
	Aircraft Maintenance
	BBA Aviation

DATE OF

AIRCRAFT TIME

IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

Charles B Wheeler Downtown Airport
10 NW Richards Road, Kansas City MO 64116
Phone: (816) 842-3500 Email: mkc@technicair.com

AOG Phone: (855) 737-1112 Email: AOG@technicair.com

AIRCRAFT LOG	S/N: 1232				
REG. NO.	DATE:	A/C TT	HOBBS		
N297CD	1/11/2019	1137.2	1137.2		

Removed engine cowling, removed right forward engine baffling P/N: 10790-004 S/N: N/A. Installed customer supplied baffling P/N: 10790-004 S/N: N/A. Installed cowling.

Cirrus SR20 AMM 71-00

This article was repaired/inspected in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect to the work performed and is approved for return to service. Pertinent details are on file at this facility under work order: **S94-18-00839**

Signature:	Brian	Kemp	Brain Kemp A&P
Signature Tech			75
Signature Techi	nicair – KIVIKC Bria	an Kemp A&P 352397	75

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Airframe Total Time: 1166.0 S/N: 1232 **SR20** Cirrus **N297CD**

Hobbs Meter: 1166.0 13 April 2019

DAT

COMP

100 Hour/Annual Inspection completed this date using the Cirrus SR20 Inspection Form as a guide. Inspected / Tested ACK E-01 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N297CD-3-25-18-1, dated 03/25/2019 on file. ELT battery due December 2025. Installed new turn coordinator/roll computer batteries. Next battery replacement due April 2020. Installed new OAT and Clock battery P/N: MN1500. Next battery replacement due December 2025. Installed new vacuum regulator filter P/N: ARB3-5-1. Next replacement due April 2020 or Hobbs Meter: 1266.0. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1) aircraft battery. Serviced brake reservoir. Adjusted crew seat back break-over pins to fully engage in the fully reclined position, operational check satisfactory. Installed new co-pilot overhead light P/N: GE400. Installed new left strobe P/N: 36-0050705-00. Checked accuracy of HSI heading indications. Found to be within 1 degree of actual. Swung liquid compass and installed new correction card. Installed four new cabin door gas strut bracket grommets. Lubricated rudder pedals. Secured aft flange cowl sea as needed. Completed composite repair to left and right wheel pant and axle bolt hole. Installed new right main pant inboard fairing bracket P/N: 17205-001. Adjusted aileron cable tension and installed new turnbuckle clips. Torqued engine weldment lower bolts. Centered rudder / aileron interconnect bungee and arm and adjusted defections on both ailerons. Zip tied bungee ends and check for interference. Installed serviceable / exchange MFD, Avidyne P/N: 700-00004-002, S/N: 1253. Installed new standby vacuum hose from pump to check valve. Installed new cable screw cover on rocket igniter. Installed new Brackett induction air filter element P/N: BA24. Next induction air filter element replacement due April 2020 or Hobbs Time: 1366.0. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check, bottle weight 1108.7 grams. Complied with Cirrus SA 18-06 / AmSafe SB501583-25-01 (Loose Fasteners) by inspection of inertia reel fasteners. No defect noted. Complied with Cirrus SB 2X-28-12 R1 (Electric Fuel Pump Inspection) by visual inspection and leak check of electric fuel pump, no defects or leakage noted. Complied with Cirrus SB 2X-32-18 R4 (Nose Strut Inspection) by visual inspection, no defects noted. Next inspection due Hobbs Time: 1266.0. (Continued) (Page 1 of 2)

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				PAHOE AERO					
	12760 EAST	CONTROL TO	WER ROAD	ENGLEWOOD, (COLORADO	80112 (303) 799-8386			
DATE O	N297CD	Cirrus	SR20	S/N: 1232	Airfram	e Total Time: 1166.0	ICE		
COMPLET	13 April 2019	Hobbs Meter			(Page 2		. ====		
	Complied with Ci	rrus SB 2X-34-	23 R1 (WAAS	S Antenna Instal	lation on Non	-PFD Equipped Aircra	aft)		
	by installation of #	#1 GPS WAAS	antenna to for	ward upper fuselag	ge. Moved #2	GPS antenna (Non-WA)	AS)		
	to mounting location on underside of glareshield. Complied with Cirrus SB 2X-52-08 R2 (Cabin Door Strut Diverters / Rod Ends) by installation of new cabin door gas strut rod ends and diverters as included								
	Strut Diverters /	Rod Ends) by in	nstallation of r	new cabin door ga	s strut rod end	s and diverters as includ	led		
	in kit P/N: 70544-	001. Complied v	with Cirrus A	D 2008-11-18 (Ex	khaust System	Leaks) effective 07-07	7-		
						lined in Cirrus SB 2X-78			
						bs Time: 1266.0. AD's			
	checked through Biweekly 2019-07. Post inspection ground run-up and systems operational check good. 313: Cleaned oil from belly and center floor panels. Cleaned aircraft exterior, cleaned windscreen and cabin								
				ERTIFY THAT T			abin		
	— INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.								
	L. John Wells A&P 3221132 IA w/o 39983								
	19400	auce		. John Wens Acc	1 3221132 TA	W/O 39903			
			ARAPA	HOE AERO					
-	12760 EAST C	ONTROL TOW	ER ROAD EN	NGLEWOOD, CO	LORADO 80	112 (303) 799-8386			
-		Continental	IO-360-ES			Cotal Time: 1191.0	I —		
20 Ju	ne 2019 Hobl	bs Meter: 1191	.0						
Instal	led aft center baffle	channel assemb	ly, P/N: 2067	7-001. Unit install	led using new	hardware.			
- 07	Que Usull	/	L.	John Wells A&l	P 3221132	w/o 40211			
	A CONTRACTOR OF THE PARTY OF TH		CONTRACTOR OF THE CONTRACTOR O						

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory. L. John Wells A&P 3221132 w/o 40904								
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.	DATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNS				
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.	COMPLETION	TH DESTRICT	Replaced alternator wit					
ACCESSORIES OF OKTAMONIA INC. SEE WORK ORDER SO 20-870 dated 04/28/2020, Ops checked alternator, Found OK. Hatture I. White AdP 35/13855 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 15 January 2020 Hobbs Meter: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			PLUES 4024LPR S/NH-5/11	570 From Aircraft				
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLE WOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			Accessories of Oklahoma	Inc. see west				
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 15 January 2020 Hobbs Meter: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			order 5020-870 dated	04/28/2020 500				
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			checked alternator, Found Ok					
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			Matthew 1. White AAP 35	43855				
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			b b					
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.			part of the second seco					
		12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N297CD Cirrus SR20 S/N: 1232 Airframe Total Time: 1283.9 Installed new Tach generator P/N: T1A3-4. Completed conformity inspection of previously installed landing light Aimed landing light as needed. Operational check satisfactory.						
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Airframe Total Time: 1306.5 S/N: 1232 **SR20** Cirrus N297CD

Hobbs Meter: 1306.5

DATE OF COMPLETI

21 May 2020 100 Hour/Annual Inspection completed this date using the Cirrus SR20 Inspection Form as a guide. Inspected / Tested ACK E-01 ELT system according to applicable Aircraft and ELT manufacturer's instructions and found that it meets the requirement of section 91.207(d). No defect noted, Beacon Test Report No. BT100AVtriple/3195/ N297CD-5-4-20-1, dated 05/04/2020 on file. ELT battery due December 2025. Installed new ELT remote arming switch battery P/N: PX28LB. Next ELT remote battery due May 2024. Installed new turn coordinator standby batteries. Next battery replacement due May 2021 Installed new vacuum regulator filter P/N: ARB3-5-1. Next replacement due May 2021 or Hobbs Meter: 1406.5. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1) aircraft battery. Serviced brake reservoir. Adjusted vacuum setting as needed. Torqued lower weldment mount nuts. Cleaned, primed and secured aircraft belly heat shields with double sided tape. Cleaned, primed left and right lower wing fairing and secured with double sided tape to fuselage. Tightened rudder bolt and installed new safety. Installed new section of co-pilot door seal. Secured top cowl seal with RTV. Tightened nut on autopilot ALT HOLD switch. Installed new insulation on left and right heat ducts at center bolster panel. Leveled aircraft and adjusted slip indicator as needed. Adjusted rudder defection tab. Replaced P/J105 connector bodies at rear baffle. Installed new Brackett induction air filter element P/N: BA24. Next induction air filter element replacement due May 2021 or Hobbs Time: 1506.5. Installed BatteryMINDer plug at GPU port on left side of firewall. Inspected cabin fire extinguisher for condition and security and performed 30-day cabin fire extinguisher weight check, bottle weight 2 pounds 7 ounces. Complied with Cirrus SB 2X-32-18 R4 (Nose Landing Gear Upper Gusset Plate and Attach Point Arms Inspection) by visual inspection, no defects noted. Next inspection due Hobbs Meter: 1406.5. Complied with Cirrus AD 2008-11-18 (Exhaust System Leaks) effective 07-07-2008, by visual inspection and pressure testing of exhaust heat exchanger as outlined in Cirrus SB 2X-78-07 R1, no defects noted. Next exhaust heat exchanger inspection due at Hobbs Meter: 1406.5. AD's checked through Biweekly 2020-10. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. w/o 41194

Randy C. Johnson A&P 3123186 IA

COMPLETION	IN SERVICE	OR APPROVED DATA USED	l wor	K DEREURMEN BETTIBNED TO CEBNICE
A/C Make:	Cirrus	EL AERO SERVICES, LLC.	Engine Make:	TCM
A/C Model:	SR-20	815 Murray Way	Engine Model:	IO-360 ES
Reg. No.:	N297CD	Elko, NV 89801	S/N:	357535
S/N:	1232	F.A.A. Certificated Repair Station #9WQR79	1C Engine TT:	1393.3
Tach:	1393.3		S.M.O.H.:	1393.3
A/F TT:	1393.3	AIRFRAME LOGBOOK INSERT	W.O. #:	EKO-20-23440

DESCRIPTION OF WORK PERFORMED

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this agency.

1) - Performed 100 hour and an Annual inspection using Cirrus SR-20 Inspection Form, and El Aero Services Form E-04. Next 100 hour due at 1493.3 TT Next Annual due on or before 11/30/21. 2) - C/W a 12-month inspection and test of ACK-E-01 ELT per Installation and Operation Manual E-01M Rev. Date 12/02/2015 Rev. 1.8. No discrepancies were noted next 12 Month due 11/20/2021, next 90 day due 2/18/21, ELT Battery due 12/25. ELT returned to service IAW FAR 91.207(d). 3) - C/W AD 2008-11-18 Exhaust System inspection, dated 7/7/2018 C/W by pressure test and visual inspection, no leakage detected, due next at 1493.3 TT. 4) - Inspected Brackett Intake Air Filter System and installed new Brackett filter element P/N BA-24. No discrepancies were noted, next inspection & replacement due at 1493.3 TT. 5) - Reviewed AD's of the Airframe, Engine, Propeller, and Appliances, no new applicable AD's as of FSIMS revision 2020-23. 6) - Removed and replace Garter P/N B3-5-1, and Central Air Filters P/N D9-18-1 with new, next due Garter 1493.3 TT, Central due at 1893.3 or Annual whichever is first. 7) - Removed all wheel assy's. Removed bearings, cleaned, inspected, and greased. No discrepancies noted. 8) - During Ground run up, noted vacuum pump had no suction. Discovered the shaft was sheared, and the vacuum manifold was cracked a riveted section. Removed Rapco 215CC pump, and replaced with new (same P/N, S/N 877405), and sent vacuum manifold out for overhaul, Ref. Aero Accessories 8130-3 form tracking Nbr. 031005. Reinstalled vacuum manafold and tested vacuum system, no discrepancies noted. 9) - Performed 30-day inspection of cabin fire extinguisher, no discrepancies noted, bottle weight 2 lbs.-6.7 Oz. 10) - Reattached tail pipe(s), heat shields to fuselage belly using heat resistant pro-seal. I certify that this aircraft has been inspected in accordance with an Annual and a 100-hour inspection Inspector for El Aero Services, LLC. and was determined to be in an airworthy condition. Signed -9WQR791C.

AGENCY & CERTIFICATE NO.

DATE OF

AIRCRAFT TIME

- OF	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	
DATE OF COMPLETION	IN SERVICE			==
			•	— _{1.}
			_	—- ₋ ,
			_	—-, <u> </u>
		Advantage Aviation	WO:	—- _{1.}
Make: Cirrus Model: SR20		South Valley Regional Airport 7220 S. 4450 W.	Tach: 1403.5	—- <u>,</u>
S/N: 1232		W. Jordan, UT 84084 801-755-5398	TTA: 1403.5	
Flan fail to retract.	Troubleshot found be	ad flap relay, remove and replace both flap up and down relay insta	alled P/N 50288-001, ops check good.	
The aircraft, airframe for return to service. Date: December 3	rement details of the sa	or or appliance identified above was repaired and inspected in accordance with epair(s) are on file at this Facility under the above referenced Work Order. Signature: Huy Bui 3	allek -	
pare.			_	

	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	WORK PER AGENCY & CER
-	Date: 6/22 W/O#: 37 The Altimeter, required by 14 been performe With respect to return to servition file at this	FAA CRS [76] [76	Aircraft N-Number: 1232 Aircraft Serial Number: 1232 Airframe Total Time: 1435.3 Titude Reporting and Transponder Test 13 and Part 43 Appendix E & F have No. 427439 tested to 0,000FT. The this aircraft is hereby released for the work order number listed above. The work order number listed above. The work order number listed above. The work order number listed above.	WORK PERFORMED/RETURNED TO SERVICE
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DATE OF	AIRCRAFT TIME IN SERVICE		OF WORK PERFO			AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	
COMPLETION	Company of the Compan	EL AERO SERVICES, LLC.	Engine Make:	CONTINENTAL			
A/C Make:	SR20	P.O. Box 159	Engine Model:	IO-360-ES			
A/C Model:	N297CD	Elko, NV 89803	S/N:	357535	II		.—,
Reg. No.:	1232 F.A.A	. Certificated Repair Station #9WQR79	IC Engine TT:	1435	-		 ,
S/N:	1435	METER VALUE CONTROL AND	S.M.O.H.:	0	1		_
Tach:	1405	AIRFRAME LOGBOOK INSERT	W.O. #:	23513			<u>.</u>
A/FTT:		we was repaired and inspected in accordized for return to service. Pertinent det	dance with current	regulations of the	-		
Federal Aviation	Administration and is author	ve was repaired and inspected in accordized for return to service. Pertinent det	alls are of the act	INTION #2			ال-
#1 REMOVED	ENGINE IAW CIRRUS SR2	00 MM AND SENT OUT FOR OVERHAI VENOR AND SENT OUT FOR OVERHAI UID LINES AND SEND OUT TO AERO	AUL TO AMERICA	N PROPELLER.			الد:
#3 REMOVED	ALL ENGINE PLEXIBLE TO	THOME FROM MOTOR AVANTION I	W CIPPLIS MM S	R20#5	1		
UP LINES. #4 !	NSTALLED OVERHAULED	WENED INVICIDENCE AND MCCALILE	Y MM #6 INSTALL	ED ALL FLEXIBLE			أب
I INT #7	DANIAIRCRAFI UP AFIE	R INSTALL OF S CR GOOD. NO PAINCE	AFT MAINTENAN	CEFLIGHT			—- ,
CHECK GOOD	NO DEFECTS NOTED AT	THO THE		uningeripap			
editor description				and the same of th			-1
rest or state of the state of t				D.C. The state of			
- qu-	4/2/	2021			- 1		-41
10000	D. Insp	ector_ISAAC VILLALOBOS	DATE 8-2-2				
) Willia	YOW Form	epair station of El Aero Services, Inc.		Form EA-13			
							امر
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	Stew's Aero Services 1999 Arrowhead Dr Carson City, NV 89706 12/10/2021 N297CD Model: SR20 S/N: 1232 Hobbs: 1457.3 ATT: 1457.3 Performed a 100 hour/Annual inspection requirements IAW Cirrus maintenance manual. Inspected ELT IAW FAR91-207D (G-tested), Battery expires 12/25. Inspected and lubricated control surface moving pars, no discrepancies noted at this time. Clock back up battery had corrosion on one terminal, cleaned, inspected, and replaced with new AA battery new battery, ops check okay; batteries to be replaced every 12 months IAW Cirrus service manual. Removed and replaced turn coordinator back up batteries with 3 new 9-volt batteries, ops check okay; batteries to be replaced every 12 months IAW Cirrus service manual. Replaced mylar abrasion tape on left landing gear fearing where it attaches to the wing. All applicable AD's complied with, see separate AD list. I certify that this aircraft has been inspected IAW a 100 hour/Annual inspection and has been found airworthy at this time. 1861869 A&P/IA	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER
- <u> </u>		

TE OF AIRCRAFT TIME IN SERVICE		IRCRAFT TIME DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVI	
ION		Cirrus	EL AERO SERVICES, LLC.	Engine Make:	TCM
A/C N		SR20	– 815 Murray Way	Engine Model:	TCM IO-360 ES
A/C N		N297CD	Elko, NV 89801	S/N:	357535
Reg. I	No	1232	F.A.A. Certificated Repair Station #9WQR791C	Engine TT:	1414.5
S/N:		1414.5		S.M.O.H.;	
Tach: A/F T	_	1414.5	AIRFRAME LOGBOOK INSERT	W.O. #:	23480
1.) Ins	i i = i · b ·	eter system P/N	zed for return to service. Pertinent details are on f 05-14829, S/N 55881. Performed ops check, checked r belt P/N 655627Nothing Follows	good. 2.) Remove	ed and replaced
1.) Ins	i i = i · b ·	eter system P/N	05-14829 S/N 55881, Performed ops check, checked	good. 2.) Remove	ed and replaced
1.) Ins	i i = i · b ·	eter system P/N	05-14829 S/N 55881, Performed ops check, checked	good. 2.) Remove	ed and replaced

MAINTENANCE RECORD

		/		
D. Salaskina	N297CD		Date	12/21/2022
Registration			TTAF	
Make	Cirrus		Hobbs	1601.8
Model	SR20	Ciama Mauntain Aviation Inc		1601.8
Serial #	1232	Sierra Mountain Aviation, Inc.	Work Order	23269
		13308 Nevada City Ave, Grass Valley, CA 95945		
		Airframe		
Performed an Ani	nual inspection service p	er SMA checklist		
		1.207, (d), ops checked good, battery expires 12/2025		
	air induction filter P.N. B.			
	tral vac filter P.N. D9-18-			
	uum regulator filter P.N.			
		2, line cutters expire 09/2028		
	t and copilot door struts	, into outlots oxpite 50,2525		
	t and copilot front seat m	odules		
	T probe P.N. 14554-001,			
	vice plug on right hand w		a a	
	right brake linings	in the second se		
		p batteries P/N: MN1604, batteries expire 12/2023		
	vell nuts as needed	•		
Repaired bracket	on right hand upper gea	r fairing		
Installed new cloc	ck memory battery	_		
AD #2008-11-18	To detect and correct lea	iks in the exhaust system		
Complied with by	visual and pressure che	ck, no defects noted		
AD #76-07-12 Be				
Complied with pe	r function check, no defe	cts noted		
I certify this airc	raft has been inspected	d in accordance with an Annual inspection and was d	determined to be in a	airworthy condition at this time and
aircraft is return	ed for service			
/	XIII.			
Signature:	ho			
Daniel Lee Grass	A&P I.A. 3577254			
Sierra Mountain A	Aviation, Inc. 530.273.52	73		
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DATE OF	AIRCRAFT TIME IN SERVICE	OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	ن
Inspecte manual safe for	Aircraft N#: 1297CD CERTIFIED ALTIMETER PICOMPLY WITH FAR 91.411. CERTIFIED TO WITH FAR 91.411. CERTIFIED TO WITH FAR 91.411. CERTIFIED TO WITH FAR 91.413. This aircond inspected in accordance ound airworthy for return to under the following work number: 612/203 To Signed Courage Accurate Aero, LLC.	1. CERTIFIED STATIC SYSTEM PER FAR 43, APP. E R 91.411. CERTIFIED AUTOMATIC PRESSURE YSTEM PER FAR 43, APP. E (c) TO COMPLY WITH RANSPONDER PER FAR 43, APP. F TO COMPLY craft and/or component identified above was repaired the with current Federal Aviation Regulations and was service. Pertinent details are on file at this agency mber. The component identified above was repaired to with current Federal Aviation Regulations and was service. Pertinent details are on file at this agency		当 かんり かいかん かんかんしん
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Registration N297CD Make Cirrus Model SR20 Serial # 1232 Installed new forward oil door latch Aircraft is returned for service Signature: Date 08/10/2023 Hobbs 1680.0 Work Order 23376 Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe		DATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED PETUROUS
Registration N297CD Make Cirrus Model SR20 Serial # 1232 Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe Installed new forward oil door latch Aircraft is returned for service Signature: Daniel L. Grass A&P IA 3577254 Sierra Mountain Aviation, Inc. 530.273.5273		COMPLETION	IN SERVICE	ON AFFROYED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Make Model Serial # Installed new fo Aircraft is retu Signature: Daniel L. Grass	Cirrus SR20 1232 rward oil door latch med for service A&P IA 3577254	Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe	08/10/2023 1680.0
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INSPECTION RECORD

Registration Make	N297CD Cirrus SR20	Sigra Mountain Aviation Inc
Model Serial #	1232	Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe

Date 11/26/2023 TTAF 1700.7 Hobbs 1700.7 Work Order 23413

Performed an Annual inspection service per SMA checklist and FAR 43 appendix D

performed an Annual Inspectace accomplished in accordance with Cirrus AMM P.N. 12137-001, Rev B9 dated 09/04/2018 or later revision, Cirrus CAPS manual All repairs and maintenance accomplished in accordance with Cirrus AMM P.N. 12137-001, Rev B9 dated 09/04/2018 or later revision, Continental manual M-7, Rev NC, dated 09/03/2016 or later revision. All repairs and maintenance do 07/13/2021, Continental manual M-7, Rev NC, dated 09/03/2016 or later revision, Continental manual M-0, Rev 1 Change 4 dated 06/26/2023 or later revision or appropriate manufactures manuals

dated Ub/20/20/20 or factor of the state of

Replaced engine air induction filter P.N. BA-24

Cleaned and resecured Tach generator cannon plug

Installed new S-Tech 20 backup batteries

Resealed left hand brake, installed new temp sticker, bled brakes, leak check good

Resealed right hand wing fuel panel and installed new fuel drain

Replaced right hand tire and tube

Replaced baggage door seal

Installed new parachute assembly P.N. 25337-006 S/N 0499, parachute expires 09/2033

installed new rocket assembly P.N. 29554-003, S/N 5647, rocket expires 09/2033

Line cutters expire 09/2028. CAPS Lithium battery expires 08/2028

Complied with SB 2X-95-20 R1 CAPS rocket motor replacement by installation of kit 70274-001 and 70269-001

Complied with SB 2X-95-24 R2 CAPS ground wire by installation of kit 70572-001

Updated W&B and POH to reflect CAPS service bulletin modifications

Complied with Cirrus CAPS electric check out at plug P2700 per chapter 95 of Cirrus maintenance manual, no defects noted

AD #2023-17-04 STC F&M or Stratus Oil Filter Adapter Fiber Gasket Oil Loss. N/A STC not installed

AD #2008-11-18 To detect and correct leaks in the exhaust system. Complied with by visual and pressure check, no defects noted

AD #76-07-12 Bendix switches. Complied with per function check, ne defects noted

certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and aircraft is returned for seprice

Signature:

Daniel Lee Grass A&P I.A. 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

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 AIRCRAF		
Registr Make Model	ration N297CD Cirrus SR20	Sierra Mountain Aviation, Inc. 13308 Nevada City Ave, Grass Valley, CA 95945 Airframe	Date Hobbs Work Order	04/17/2024 1745.9 23500
Installed T Filed 337 : Returned Signature: Daniel L. (this date aircraft for service	STC #SA02216SE RPM lever installation and modification		
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