### AIRCRAFT DESCRIPTION

A THICIDA I DESCRIPTION		
MANUFACTURER CICRUS Design Lorp MODEL SR 22T		DATE OF MFG. May 2013
SERIAL NUMBER 0519 REGISTRATION NUMBER N5/3 W	4	<i>'</i>
REGISTERED OWNER		Inspection Status (Check one)
STREET ADDRESS		F.A.R. 91.409 ANNUAL/100 HOUR
CITY, STATE, ZIP	ш	
DPERATOR		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	Ш	OTHER
OPERATOR	DATE EN	TERED
STREET ADDRESS		MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'		
	-	

### **INSTALLED EQUIPMENT**

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc	1510550K	R 1008206
ENGINE			R L
PROPELLER	Haitzell Propeller Inc	PHZ-S3YIF-IN	N5714B
PROPELLER	P		
ENGINE			
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PROPELLER			

#### **MAJOR ALTERATIONS**

DATE	DESCRIPTION OF ALTERATION
4/16.(13	STC's SA01708SE (Fixed Oxygen System) & SA02013CH (Traffic Advisory System) have been installed on this aircraft.  Approval for installation has been granted by the STC holders via Licensing Agreements and the FAA via the Production Certificate / Production Limitation Record. FAA Form 337 not required for these installations.  CDC

#### LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS NUMBER

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIM OR T.B.(	IIT REMOVA	L	AGENCY
			223013	AT INSTALL	UK I.B.	D. DATE/HOU	RS	CERT. NO.
	-							
	4—4Г		Life Limite	d Parts SR2	22T		$\exists$	
		PART NAME	PART NUMBER	S. 18 18 18 18 18 18 18 18 18 18 18 18 18		EXPIRES	$\dashv$	
		CAPS Rocket Motor	29500-004	S/N007	14	04/23/23	$\pm$	
	$\bot$	CAPS Parachute	29696-003	S/N BOC		04/22/23	$\equiv$	
		CAPS Reefing Line Cutters	26707-002	S/N 017	ا و	1/24/19	#	
	+	ELT Battery Pack	452-6499	Date Install	led	05/2020	1	
		EMA Controller, AAIR	20902-001	AOJ APR	13-186	04/2020	士	
		Oxygen Bottle Assembly	102N0100-1	MFG Date //	/12	11/2027	1	
		CO Detector	24660-003	S/N /06	2/	04/2020	1	
		Pilot Seat Inflato Assembly		SN 20	64Z 157	01/61/2023	🛨	
		Co-Pilot Seat Inflator Assembly	20902-002 y	AAST I S/Naga	64Z,	01/01/9023		
		1						
_							-	
							$\dashv$	

### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD ITEM DATE & HRS. A.D./BULL METHOD OF TYPE OF A.D. NEXT COMP. AFFECTED AT COMP. **AUTHORIZED SIGNATURE** NUMBER COMPLIANCE 1 TIME/RECUR. DATE/HRS./CYCLE CERTIFICATE NO. 05/15/13 Searched AD's through bi-weekly 2,3 issue 2013 - 09 All AD's are in compliance at this time.

# ALTIMETER & STATIC SYSTEM CHECKS

411, 91.413, & he limits of FA	nder, and altitude & 91.217 have AR 43 appendices 24/25/13	
411, 91.413, & he limits of FA  FEET ON	& 91.217 have AR 43 appendices 24/25/13 553-002	
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he limits of FA FEET ON <u>C</u> n P/N 246	AR 43 appendices 24/25/13 553-002	
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# ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411 MODEL SERIAL NO. LOCATION MAX. ALT. RECHECK REQUIRED

ARAPAHOE AERO AVIONICS

DATE

MANUFACTURER

AGENCY

	AKAI AHOE AERO A HOMES	
	12780 E. Control Tower Road K6 Englewood, CO 801	12 303-799-6289
4	N513WC Cirrus SR-22T sn: 0519	May 27, 2015
<del></del>	Hobbs: 215.7	
••	United Instruments Altimeter 5934AD-3 sn: 499840 has been repaired, teste	
	91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their W	
	2015. See their 8130-3 issued this date. Garmin GDC-74A 011-00882-10 sn:	
	have been calibrated using Garmin GDC-74/A Calibration Tool and tested per Appendix E to 25K'. See our 8130-3's issued this date. Aircraft's Pitot and Sta	FAK 91.411 Part 43
	per FAR Part 43 Appendix E.	the systems have been tested
	The aircraft and/or component identified above was inspected in accordance wi	ith current Federal Aviation
	Regulations and is approved for refurn to service.	
	CRS ZL6R006Y Signed:	AV-03408
		111 03100
		111 05100
	ADADAMOE ADDO AVECTOR	117 03100
	ARAPAHOE AERO AVIONICS	
	12780 E. Control Tower Road K6 Englewood CO 801	
	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519	12 303.799.6289
	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7	12 303.799.6289 May 27, 2015
	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7 The ATC Transponder test and inspection required by EAP 04.444	12 303.799.6289 May 27, 2015
	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7 The ATC Transponder test and inspection required by FAR 91.413 has been co 27, 2015 on and found to comply with FAR Port 43.	12 303.799.6289 May 27, 2015
· ·	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7 The ATC Transponder test and inspection required by FAR 91.413 has been co 27, 2015 on and found to comply with FAR Part 43 Appendix F. Details of the aircraft and/or component identified above.	12 303.799.6289 May 27, 2015  omplied with this date: May his test and inspection are on
- X	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7 The ATC Transponder test and inspection required by FAR 91.413 has been co 27, 2015 on and found to comply with FAR Part 43 Appendix F. Details of the file at this Repair Station on our WO # AV-03408. The aircraft and/or component identified above was inspected in accordance with Regulations and is approved for return to service.	12 303.799.6289 May 27, 2015  omplied with this date: May his test and inspection are on
	12780 E. Control Tower Road K6 Englewood, CO 801 N513WC Cirrus SR-22T sn: 0519 Hobbs: 215.7 The ATC Transponder test and inspection required by FAR 91.413 has been co 27, 2015 on and found to comply with FAR Port 43.	12 303.799.6289 May 27, 2015  omplied with this date: May his test and inspection are on

#### **RADIO & ELECTRONIC CHECKS**

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK Due	CHECKED BY: SIGNATURE — CERL
5/24/5	531.4	VOR 1/2	Voe/vother	1% Deviation	4-24-17	Day Berwil - Pil
			ARAPAHOE	AERO AVIONIO	CS	
$\neg$	1278	0 E. Contro	ol Tower Road K6	Englewood, CO	80112 303-79	99-6289
一一,			22T sn: 0519		July	24, 2018
- i	Johns: 105	9.5				1-
١,	Inited Instru	ments Altime	eter 5934AD-3 sn: 499	9840 has been repaired	, tested and inspe	cted per FAR
9	1.411 Part 43	3 Appendix E	to 35K' by Centennial d this date. Garmin G	I Instruments Inc. on the	neir WO # 11063	dated July 24,
-13	2018. See then	r 8130-3 ISSUE ed ner <b>FAR 9</b>	1.411 Part 43 Append	lix E to 25K'. See our	8130-3's issued t	his date. Aircraft's
	Ditat and Statio	c systems hav	e been tested per FAR	Part 43 Appendix E.		1
—l1	The aircraft an	d/or compone	ent identified above wa	s inspected in accorda	nce with current l	Federal Aviation
			for return to service.	a Bor		V-04106
L	CRS ZL6R	006Y Sign	ed:	2012		V-04100
_				III WAZERE NAME	IP .	
-				AERO AVIONIO		
	1278	0 E. Contr	ol Tower Road Ko	6 Englewood, CC	80112 303.7	99.6289
1	N513WC C	Cirrus SR-2	2T sn: 0519			July 24, 2018
	Hobbs: 105					
	The ATC Tran	sponder test a	and inspection required	by FAR 91.413 has b	een complied wi	th this date: July
-14	4, 2018 on <b>G</b> :	armin GTX-	33ES 011-00779-30 sn	i: 89124847 and found	to comply with	FAR Part 43

Appendix F. Details of this test and inspection are on file at this Repair Station on our WO # AV-04106. The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

the state of the s	ARAPAHOE AERO AVIONICS	
	12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289	
DATE	N513WC Cirrus SR-22T sn: 0519 July 24, 2018	_
-		_
	Garmin G1000 System ID 250FA1709	
	Updated Operating Software to Version 0764.35 per Cirrus Service Bulletin No. SB2X-42-12 dated	-
5	May 15, 2017. (previous version 0764.23)	-
<del>- `  </del>	Base Operating Software Cirrus SR-22 Turbo 3600#, Dual AHRS/Dual ADC, SR22 DIN IEC 751 Oil Temp Sensor Config, SR-22 Integrated Fuel Quantity Indicators, GFC 700 with Yaw Damper, ESP-Low Speed with Stall Warn	_
	Option, GTX-33ES, Avidyne TAS6XX Traffic Option, GDL-69A Option, GSR 56(Voice/SMS) GMA 350, CO	_
	Guardian Option, EVS Installation Option, Oxygen Option, Dual Bearing Pointer, Known IPS (FIKI) Digital Option.	
	Reset Marker Thresholds (-1 Hi Sense/+1 Lo Sense). Unlocked CHARTS, AFCS, TAWS-B, SVT.  The aircraft and/or component identified above was inspected in accordance with current Federal Aviation	
	Regulations and is approved for return to service.	_
<del></del>	CRS ZL6R006Y Signed: AV-04106	_
4-		
.,		
•		
		<u> </u>

#### **RADIO & ELECTRONIC CHECKS** TYPE OF ERROR OR NEXT CHECK CHECK RESULTS DUE

TOTAL

TIME

IVCKZOV

## Aircraft Logbook Insert

N#: 513WC Model: SR22

HOBBS: 1384.3 S/N: 519

CHECKED BY:

SIGNATURE - CERT. NO.

Make: Cirrus Performed the following maintenance:

EQUIPMENT

CHECKED

3673 Rickenbacker St

Boise, Idaho 83705

Completed Altimeter, automatic pressure altitude reporting and static systems testing required by 14 CFR Part 91.411 and found altimetry systems to comply with Part 43, Appendix E with satisfactory results. Air Data tests performed with Laversab 6270-EB,

SN 86401. Calibration date Oct 2019. Transponder correspondence checks performed with IFR 6000, SN 1000685217, Calibration date Jul 2019 No. 1 ADC: GDC74A P/N: 011-00887-10 S/N: 20614827 Alt: 25,000 S/N: 4988852 Alt: 25,000 No. 1 Altimeter: United Inst. P/N: 5934AD-3

Performed tests/inspections required by 14 CFR 91.413 and found transponder to comply with Part 43, Appendix F. Transponder testing was performed with IFR 6000, SN 1000685217, Calibration date July 2019. P/N: 011-00779-30 S/N: 89124814 No. 1 Transponder MFR: GTX33ES -END-MAINTENANCE RELEASE: The Aircraft/or component identified above was repaired and inspected in accordance with current regulations

of the FAA and is approved for return to service with respect to the work performed. Pertipent details of the repair are on file at this Repair Station under

-	Work Order No. JJC-20174	Signature of Authorized Representative	F.A.A. Re	pair Station #GBBF	R155E	
_		programme.	46.00		-	
	+-+		-			
_	+					
_	+					
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**RADIO & ELECTRONIC CHECKS** 

**NEXT CHECK** 

CHECKED BY:

	TOTAL TIME	CHECKED	4 71	TYPE OF CHECK		ERROR OR RESULTS		NEX	DUE		CHEC SIGNATUR	E—CE
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MULUS AVIATION		MAIN	TENANČE ENT	RY	A surger	Alice Sugar	A STREET	m QAS-103		Date: 6	/9/2022	3
ircraft Tail # NS13WC Aircraft SN#: 519					WO#: N513WC06092022(273) Propeller Model: N/A Propeller SN#: N/A						-	
ngine Model: N		Eng	ine SN#: N/A	THE SHAPE STATE	STEELS THE LABOUR	Service or	Alegy Victoria		riopelie	C. 314H. 14		A Company
Lircraft Flight Tim	10.	757.6			Airc	raft Hobbs Ti ne Total Cycl	ime:	2145.3 N/A	bire trans	ila -		
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		5934AD-3	3	499840 K REQUIRED BY 9	· (1)	Park	ile de la	1 324.00	1.图》次图	(图象)	1.1.	- 108
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DATE OF

ARAPAHOE AERO  12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  N513WC Cirrus SR22T S/N: 22T-0519 Airframe Total Time: 18.1  1 July 2013 Flight Hobbs: 18.1 Hobbs Meter: 24.5  Complied with first 25 Hour Inspection per Cirrus scheduled maintenance interval. Reloaded software in Configuration Mode and selected the "SMS/Voice Only" option, operational check satisfactory. Inspected and serviced nose and main wheel tires to specified pressures. Inspected aircraft primary battery. Inspected, cleaned, resealed, and leak checked fuel strainer. Installed new oxygen mask fittings o-rings seals. Serviced oxygen cylinder and checked service port for leakage. Inspected flight surface panels and serviced TKS reservoir. Installed new tock-o-seals under screw adjacent to bottom of engine mount. Cleaned windows and vacuumed interior. Post inspection engine run up, leak check and operational check good.	DATE OF	AIRCRAFT TIME	1 1/11111 1319	
ARAPAHOE AERO  12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  N513WC Cirrus SR22T S/N: 22T-0519 Airframe Total Time: 18.1  1 July 2013 Flight Hobbs: 18.1 Hobbs Meter: 24.5  Complied with first 25 Hour Inspection per Cirrus scheduled maintenance interval. Reloaded software in Configuration Mode and selected the "SMS/Voice Only" option, operational check satisfactory. Inspected and serviced nose and main wheel tires to specified pressures. Inspected aircraft primary battery. Inspected, cleaned, resealed, and leak checked fuel strainer. Installed new oxygen inask fittings o-rings seals. Serviced oxygen cylinder and checked service port for leakage. Inspected flight surface panels and serviced TKS reservoir. Installed new ock-o-seals under screw adjacent to bottom of engine mount. Cleaned windows	OMPLETION	IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO.
	1 July Comp Confi and se cleane oxyge reserv	y 2013 Flight blied with first 25 H guration Mode and erviced nose and me ed, resealed, and lead on cylinder and che oir. Installed new	ARAPAHOE AERO ROL TOWER ROAD ENGLEWOOD, COLORADO SR22T S/N: 22T-0519 Airfraid Hobbs: 18.1 Hobbs Meter: 24.5 Iour Inspection per Cirrus scheduled maintenance interested the "SMS/Voice Only" option, operational of ain wheel tires to specified pressures. Inspected aircrafack checked fuel strainer. Installed new oxygen mask focked service port for leakage. Inspected flight surface took-o-seals under screw adjacent to bottom of engine	80112 (303) 799-8386 me Total Time: 18.1  erval. Reloaded software in check satisfactory. Inspected aft primary battery. Inspected, ittings o-rings seals. Serviced apanels and serviced TKS e mount. Cleaned windows

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DATE OF AIRCRAFT TIME COMPLETION IN SERVICE		AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER			
					A STATE OF THE PROPERTY OF THE			
	ARAPAHOE AERO							
	11	2760 EAST CON	TROL TOWER ROAD	ENGLEWOOD, COLOR	ADO 80112 (303) 799-8386			
—-1			Cirrus SR22T	S/N: 22T-0519	Airframe Log Entry -			
		nuary 2014	Flight Hobbs: 103.4		,			
	Comp	leted 50 Hour In	spection this date using		n items as a guide. Straightened			
	head li	iner mounted ovy	gen vent mounting hrac	kets. Checked flight contro	ols and fairings. Checked -			
	condit	ion and security o	of aircraft #1) hattery. It	spected, cleaned, resealed	I, and leak checked fuel strainer.			
—-1	Inches	ted and checked r	nose strut for specified e	extension dimension. Inspe	ected brake calipers for leakage			
	and ou	erheating Inches	cted brake caliner lining	s. Serviced brake reservoi	ir. Inspected nose and right main			
	landin	a agar tires and se	erviced to specified pres	sures Checked main whe	el fairing bolt torque. Checked			
—-	anuni	g gear tires and se	nressure Checked serv	ice level of TKS reservoir	s. Complied with Cirrus SB 2X-			
	0Xygei	D2 (Fuel I ine R	enlacement) by remova	l of TKS reservoir panels	and application of new sealant in			
	20-11 .	notelled new fiel	lines and performed lea	k check No defects noted	I. Installed lower panels and			
	bays. 1	d TVC recognicies	Final operational and	leak checks satisfactory	Post inspection ground run-up and			
	service	d IKS leselvous	ole actisfactory Wash	ed aircraft exterior cleaner	d windscreen and cabin windows			
	system	is operational cite	interior	a difficult exterior, cicumo	u minusorom ma			
	and va	cuumed seats and	i iliterioi.	I John Wells A	&P 3221132 w/o 33923			
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	1							
				:				
			7.5					

DATE OF COMPLETION		AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WO		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	
		105(0.7.1.07.00.	ARAPA	HOE AERO		_
			NTROL TOWER ROAD EN irrus SR22T		DO 80112 (303) 799-8386 Airframe Total Time: 132.5	_
	16 May 2014 Flight Hobbs: 132.5 Hobbs Meter: 158.3 100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection					
	Form	and the Precise F		ction for Continued Airwo	orthiness as a guide. Tested	_
	3195	N531WC on file.	ELT battery due May 20	<ol><li>Inspected and lubrica</li></ol>	ted power lever, no further	_
	stiffness noted. Inspected pilot's and co-pilot's seats for condition and operation. Performed Transient Voltage Suppressor Inspection by checking continuity of installed fuses, no defects noted. Performed					
	"Data	Logger" function ated cabin door la	nal inspection, L.E.D. annunatches and hinges. Removed	ciator light indicated, no o	lefects. Inspected and embly S/N: 00471 and	
	instal	led new unit P/N:	17140-001, S/N: 00667, ope	erational check satisfactor	ry. Performed left and right spected, cleaned, resealed, and	
[	leak c	hecked fuel strain	er. Inspected and charged #	1 aircraft battery. Check	ed #2 battery static voltage, rity. Serviced nose gear oleo	_
	strut i	ising nitrogen to s	specified extension height. (	Checked nose wheel fork :	side tension. Cleaned,	_
	Inspected, resealed, and reinstalled left and right main wheel brake calipers. Installed new brake temperature placard "stickers", bled brake system and serviced reservoir, brake operational check					_
-	satisfactory. Inspected nose and main gear wheel fairings and mounting brackets for condition and security. Cleaned affected areas and reinstalled left main strut gear upper fairing support rib using Cirrus					
	double-side tape. Inspected oxygen system for component condition and security per Precise Flight  Oxygen System (ICA). Serviced oxygen cylinder to specified pressure and checked service port for					
- 1	11	a Increated TKS	S system for component con-	dition and security and sy	stem leakage, no defects	
	noted. affixed	Serviced TKS re d new middle cow	eservoirs. Wiped down and vl close-out panel rear seal P	/N: 53722-063U.	. Cleaned affected areas and	
-			(Page 1)	(Continued)		

#### F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED

DATE (		AIRCRAFT TIME IN SERVICE		ION OF WORK PERFORMED PPROVED DATA USED	AGENCY & CERTIFICATE N WORK PERFORMED/RETURNED TO	O. D SERVICE	
	Inspect weight Cirrust as out! Design Hobbs: hingest defect Replatinstall further system and variable.	3WC Cir y 2014 Flig ted cabin fire extinct check, weight 53 s SA 06-06 (MCU lined in Service An Service Manual, s: 232.5. Compliator condition and s noted and no fur cement) by comped unit per Service r action required.	rus SR22T ht Hobbs: 132.5  (Cornguisher for condition 5.1 grams. Performed divisory and applying no corrosion noted. ed with Cirrus SA 1 security and hinge pather action required. lying with CAV (SB e Bullet in. This Serva AD's checked through ck satisfactory. Cleat interior. I CERTIF H AN ANNUAL IN	Hobbs Meter: 158.3  attinued) (Page 2)  In and security and performed 1  and AmSafe post seat installation  ion) by removing MCU cover a  MIL-C-81309 Type III Corros  Next MCU corrosion inspect  3-05 (Elevator Hine Pin Inspoins for proper torque and safety  Complied with Cirrus SA 14  No. SB 13247-01-30-003 and  ice Bulletin does not apply by  gh Biweekly 2014-09. Post inspond aircraft exterior allowed.	2 month cabin fire extinguisher a check. Complied with and inspecting unit for corrosion sion Inhibitor per the Cirrus ion due May 2015 or Flight ection) by inspecting elevator y per Service Advisory, no 1-01 (CAV Timer Box Harness verifying serial number of timer box serial number, no spection ground run-up and vindscreen and cabin windows HAS BEEN INSPECTED IN ERMINED TO BE IN AN		

DATE OF COMPLETIC		DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE					
<u>_</u>	1	ARAPAHOE AERO	l					
	12760 EAST	CONTROL TOWER ROAD ENGLEWOOD, COL	ORADO 80112 (303) 799-8386					
	N513WC 29 May 2015 H	Cirrus SR22T S/N: 22T-0519 light Hobbs: 182.4 Hobbs Meter: 215.7	Airframe Total Time: 132.5					
		Inspection completed this date using the Cirrus SR	22 Maintenance Manual Inspection					
<del></del>	Form and the Preci	se Flight Oxygen System Instruction for Continued	Airworthiness as a guide.					
	Tested Artex ME40	6 ELT per FAR 91.207(d), no defects noted, Beaco	n Test Report No. BT100AV					
	triple/3195/N531W	C on file. ELT battery due May 2020. Performed	Garmin GSM 86 24 month					
		ch torque check on all autopilot servos using on-shi						
		autopilot servo clutch check due May 2017. Perf						
		ing continuity of installed fuses, no defects noted.						
		inspection, L.E.D. annunciator light indicated no defects. Inspected pilot's and co-pilot's seats for condition						
		formed AmSafe post seat installation check. Inspect						
		d left and right aileron control horn bolts and install						
	wing strobe light as	sembly P/N: 17140-008, S/N: 00899. Performed le	ft and right fuel cap resistance					
	check no defects no	sted, and all readings within limits. Inspected, clean	ed, resealed, and leak checked fuel					
	strainer Inspected a	nd charged #1 aircraft battery. Installed (2) new #2	batteries P/N: 50979-001. Next					
	#2) hattery renlace	ment due May 2017 or Flight Hobbs: 682.2. Insp	pected nose gear for condition and					
	convity Checked to	ose gear oleo strut specified extension height. Che	cked nose wheel fork side tension.					
	Installed new left an	d right main wheel tires P/N: 156E66-4, S/N: 4318	2093 and 41912407 using new tubes					
	DAL 007 500 0 and	torqued wheel halve assembly hardware. Serviced	tires to specified pressures and					
	halamand whool area	mbliesInspected left and right main wheel brake of	lisks, caliners and linings. Service					
- 1	balanced wheel asse	ected nose and main gear wheel fairings and moun	ting brackets for condition and					
	brake reservoir. Insp	air condition evaporator, condenser and system con	properts for condition and security					
	security. Inspected a	upper forward fitting surface corrosion. Inspected	ovvgen system for component					
	Removed condenser	upper forward fitting surface corrosion. Hispected	oxygen system for component					
—–	condition and securi	y per Precise Flight Oxygen System (ICA).						
		(Page 1) (Continued)						

#### MAINTENANCE RECORD F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO.

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE		
	N513WC 29 May 2015 Fli Serviced oxygen cylicondition and securit inspected engine cow Inspected cabin fire eweight check, weight Inspection) by remo applying MIL-C-813 noted. Next MCU c (SB) No. SB 2X-23-kit P/N: 70504-001, 1001 per Service Bulle Biweekly 2015-11. I exterior, cleaned win THIS AIRCRAFT 1	ARAPAHOE AERO  ONTROL TOWER ROAD ENGLEWOOD, COLOR.  Cirrus SR22T S/N: 22T-0519  ght Hobbs: 182.4 Hobbs Meter: 215.7  (Continued) (Page 2)  Inder and checked service port for leakage. Inspected by and system leakage, no defects noted. Serviced TK wing. Relieved left lower cowl to prevent further characteringuisher for condition and security and performed at 534.2 grams. Complied with Cirrus (SA) No. SA00 wing MCU cover and inspecting unit for corrosion as 09 Type III Corrosion Inhibitor per the Cirrus Design orrosion inspection due May 2016 or Flight Hobbs 03 R1 (P-Static Dissipation Modification) by install EVS camera bonding kit P/N: 70508-001, and empenent in Installation Instructions, no further action required Post inspection ground run-up and systems operations and descreen and cabin windows and vacuumed seats and thas BEEN INSPECTED IN ACCORDANCE WIND WAS DETERMINED TO BE IN AN AIRWORT Simon J. Rubino A&F	Airframe Total Time: 132.5  TKS system for component S reservoirs. Wiped down and fing on exhaust tail pipe.  12 month cabin fire extinguisher of the component outlined in Service Advisory and a Service Manual, no corrosion outlined in Service Mines with Cirrus ling wing static wick installation nage static wick kit P/N: 70509-ted. AD's checked through all check good. Cleaned aircraft interior. I CERTIFY THAT THAN ANNUAL THY CONDITION.
<del>- :</del>			
?			

DATE OF COMPLETION			AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVI
MODEL S/N: 05 REG. N	CIRRUS DESIGN CORP .: SR22T 19 0: N513WC ORDER: 17149-07-2015	Cirrus Design Factory Service Center Repair Station No. YD5R855Y 4961 Airport Road Duluth, MN 55811 Phone: 218-788-3049	DATE: 7/15/2015 A/C TSN: 203.5 FLIGHTTIME: 203.5
Airfra	me Entries		
ground (3) Con service Techni	ling, elevator tip gap and mplied with SB2X-42-10 bulletin instructions. U ical Publications Update	charge measures to Flap Hinge Fairings, cowling, Fuel drain, Com d fuselage panels IAW SB2X-23-03 instructions. Flight Test Satisfa D Perspective S/W Update by installation of Perspective software vous Updated the MFD Splash Screens and Checklists to the latest revision e Instructions. Post installation function check performed satisfactors.	actory. 0764.23 in accordance with the ion in accordance with the Cirrus ory.
was rep details o	aired/inspected in accordar of this work order are on file	aft and the accompanying discrepancy forms. The aircraft, airframe, aircraft once with current requirements of the Federal Aviation Administration and is appart at this Certified Repair Station CRS YD5R855Y.	proved for return to service. Pertinent
DATE:	7/15/2015	SIGNED: Bon Hodgemo	Work Order: 17149-07-2015
		Ben Hodgkins Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)

ARAPAHOE AERO

AGENCY & CERTIFICATE NO.

WORK PERFORMED/RETURNED TO SERVICE

DESCRIPTION OF WORK PERFORMED

OR APPROVED DATA USED

AIRCRAFT TIME

IN SERVICE

DATE OF

COMPLETION

A&P3014106

	12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	
	N513WC Cirrus SR22T S/N: 22T-0519 Airframe Log Entry	
	_ 14 November 2015 Flight Hobbs: 0243.0 Hobbs Meter: 0288.4	
	Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Checked flight	
	- controls and fairings. Checked condition and security of aircraft #1) battery. Inspected, cleaned, resealed,	<b>I</b>
	and leak checked fuel strainer. Inspected and checked nose strut for specified extension dimension.	1
	Inspected brake calipers for leakage and overheating. Inspected brake caliper linings. Serviced brake	
	reservoir. Inspected nose and right main landing gear tires and serviced to specified pressures. Checked	
	main wheel fairing bolt torque. Installed new nut plate on right wheel pant. Checked oxygen cylinder	
	service pressure. Serviced TKS reservoirs. Post inspection ground run-up and systems operational check	1-
	satisfactory	l_
	L. John Wells A&P 3221132 w/o 36207	1
	MC-Printings	
	NOTICE AND ADDRESS OF THE PARTY	
	Mountain Aircraft Maintenance Inc.	
_	NOTICE AND ADDRESS OF THE PARTY	
_	Mountain Aircraft Maintenance Inc.  P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986  N: 513WC MAKE: Cirrus SR22T S/N: 0519 Hobbs: 343 0 DATE: 0407/16	
	Mountain Aircraft Maintenance Inc.  P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986  N: 513WC MAKE: Cirrus SR22T S/N: 0519 Hobbs: 343.0 DATE: 04/07/16  Jacked aircraft. Removed NLG wheel fairing & wheel assembly Disassembled wheel removed & replaced inner	tube
	Mountain Aircraft Maintenance Inc.  P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986  N: 513WC MAKE: Cirrus SR22T S/N: 0519 Hobbs: 343.0 DATE: 04/07/16  Jacked aircraft. Removed NLG wheel fairing & wheel assembly. Disassembled wheel, removed & replaced innerwith new Michelin Airston 5 00x5 P/N 092-308-0 tube. Reassembled wheel inflated tire to 30 psi & reinstalled.	u vii ,
	Mountain Aircraft Maintenance Inc.  P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986  N: 513WC MAKE: Cirrus SR22T S/N: 0519 Hobbs: 343.0 DATE: 04/07/16  Jacked aircraft. Removed NLG wheel fairing & wheel assembly. Disassembled wheel, removed & replaced innerwith new Michelin Airstop 5.00x5 P/N 092-308-0 tube. Reassembled wheel, inflated tire to 30 psi & reinstalle aircraft. Reinstalled wheel fairing & removed aircraft from jack. All work accomplished IAW Cirrus M.M. 12-10	u vii ,
	Mountain Aircraft Maintenance Inc.  P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986  N: 513WC MAKE: Cirrus SR22T S/N: 0519 Hobbs: 343.0 DATE: 04/07/16  Jacked aircraft. Removed NLG wheel fairing & wheel assembly Disassembled wheel removed & replaced inner	u vii ,

TE OF
ATE OF PLETION

#### MAINTENANCE RECORD F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

S/N: 22T-0519

L. John Wells A&P 3221132 IA

OR APPROVED DATA USED

SR22T

AIRCRAFT TIME

IN SERVICE

N513WC

Cirrus

DATE OF

COMPLETION

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

Airframe Total Time: 298.9

w/o 37415

		NSISWC	Cirius	/		
		1 July 2016	Flight Hobbs: 298.9	Hobbs Meter: 355.6		
	_		(Con	tinued) (Page 2)		
_	—	Inspected cabin	fire outinguisher for condit	ion and security and performed	12 month cabin fire	
	- 1		abt abook waight 533 1 gra	oms Performed FIKI System Cli	eck as needed. Complied w	ith
_	1	C: CANE NA	MCII Corrosion Inspect	ion) by removing MCU cover a	and inspecting unit for corr	031011
		CIFFUS SAUG-00	wise Advisory and applyin	g MIL-C-81309 Type III Corro	sion Inhibitor per the Cirru	S
	_	as outlined in Se	Name 1 was a surration moted	Next MCU corrosion inspect	ion due July 2017 or Flig	nt
		Design Service	Manual, no corrosion noted	y 22 22 (Ness Londing Coor	Cusset Tube Inspection)	nv.
		Hobbs: 398.9. (	Complied with Cirrus SB 2	X-32-22 (Nose Landing Gear	Gusset Tube Hispection)	llatin
_		inspecting the n	ose landing gear assembly g	usset tubes and welds for crack	s as outlined in Service Bu	netin.
	- 1	AD's checked th	hrough Biweekly 2016-12.	Inserted POH Revision 13772-	005R1 into Pilot's Operati	ng
_		Handbook, Post	inspection ground run-up a	nd systems operational check g	ood. Cleaned aircraft exter	ior,
		cleaned windscr	een and cabin windows and	vacuumed seats and interior.	CERTIFY THAT THIS	
		AIDCD AFT H	AS REEN INSPECTED IN	N ACCORDANCE WITH AN	ANNUAL INSPECTION	N
				N AIRWORTHY CONDITION		
	٠, ١	AND WAS DE	TERMINED TO BE IN A	Simon J. Rubino A&P 267	70700 IA w/o 36799	
_		- Ins		Simon J. Kubino A&P 20	- W/O 30/99	
			ADAD	HOE AEDO		ח≡
-				AHOE AERO		
_		12760 EAST CO	NTROL TOWER ROAD E	NGLEWOOD, COLORADO	80112 (303) 799-8386	<b>I</b>
	N513	3WC Ciri	rus SR22T	S/N: 22T-0519	Airframe Log Entry	
-	10 N	ovember 2016	Flight Hobbs: 365.8	Hobbs Meter: 445.7	_	1-

Resealed right and left brake calipers using new O-rings. Reinstalled caliper and bled brake system. Serviced reservoir as needed. Applied new temperature indicators. Installed new brake pad linings and

conditioned brakes per Cleveland Service Manual. Operational check satisfactory.

ACENICY & CERTIFICATE NO

DATE OF COMPLETION	IN SERVICE	OR APPROVED DATA USED	EU	WORK PERFORMED/RETUR	INED TO SERVICE
12760	FAST CONTROL	ARAPAHOE AERO		112 (303) 799-8386	]
N513WC	Cirrus	SR22T S/N: 22T-05		Airframe Log Entry	
15 Decemb		ght Hobbs: 404.6 Hobbs Mete		•	٠.
Completed Flight Oxyg	50 Hour Servici gen System Instruc	ng this date using Cirrus 50 Hour Inspections For Continued Airworthiness as esealed, and leak checked fuel straine	ection items as a guide. Check	ed flight controls and	
		reservoir. Inspected nose and main lan			
pressures. In	nspected nose gea	r strut gusset for security and condition	n. No cracks for	and repainted. Inspected	
brake calipe	ers and linings. Ch	ecked main wheel fairing bolt torque.	Post inspection	n ground run-up and	
systems ope	erational check go	od. Cody R. Robinso			
- 10		Total Control	A Triberal		
~		$\wedge$			
		VAILVALLEY	0 1		
		JET CENTER	1		
			-1		
N513V	WC 01-10-2017	Flight time 432.6			
Visual	ly inspected tires	and inflated to manufacturers			
recom	mended pressure	with nitrogen.			
_(/	5 m	C. G. Lucas			
	2822684 IA	W/O 17-00022			

DATE OF	AIRCRAFT TIME IN SERVICE	OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
COMPLETION	IN SERVICE		CHARGE CONTRACTOR OF THE CONTRACTOR OF T
	VAIL VALLE JET CENTE	0871 Cooley Mesa Rd. Y Gypsum, CO 81637 Phone: 970-524-4003 amx@vvjc.com	1/13/2017
Removed NLG New 5.00-5 Tu leaks noted. My signature	be PN: 092-308-0 SN:	is: 539.9 N513WC 505C61-3 S/N:21237566 and 5.00-5 tube and installed New 5.00-5 N/A in reference to Cirrus SR22T MM 12-10-11. Serviced tire with offer return to service of this aircraft ONLY FOR THE WORK I HAVE Porm any inspection of this aircraft or review any of the maintenance.	dry nitrogen. Operational check normal, no PERFORMED ABOVE. I have not performed
	en authorized to perio	orm any inspection of this aircraft or review any of the maintenant	te records including Part 55 compliance.
- Alx		Alexander Haberich A&P 3683661	
		END	•••••
			· .
	Tach: Draine added Leak o	N513WC Engine Log VAIL VALLEY 517.4 FLT Ed oil, removed filter and installed new P/N CH4810 8 qts of Aeroshell W15W-50. Performed engine runcheck good.  Jacob Brubaker A&P 36303	n
•	/PH# 970	0-524-4003 Shop order SO-17-0	00208

Shop order SO-17-00208

		1 1/1	II. 73.9	
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WOR OR APPROVED D		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	VAIL VAL JET CEN	0871 Cooley Mesa Rd. LEY Gypsum, CO 81637 FER Phone: 970-524-4003 amx@vvjc.com		4/28/2017
Drained oil filter and in time. Opera My signatur	spected for contamina ational check normal. re constitutes approva	ced engine with 8 Qts. Aeroshell 15V ents. No contaminants found at this Engine oil service performed in refer al for return to service of this aircraft rform any inspection of this aircraft	V-50. Removed oil filter and I time. Performed an engine r ence to Continental TSIO-550 ft ONLY FOR THE WORK I HAN	replaced with new P/N: CH48108-1. Cut open old run up to check for leaks - no leaks noted at this 0-C Maintenance and Overhaul Manual 6-3.8. VE PERFORMED ABOVE. I have not performed nance records including Part 39 compliance.
Ŷ	VAIL VALL JET CENTI	0871 Cooley Mesa Rd.  Y Gypsum, CO 81637 Phone: 970-524-4003 amx@vvjc.com		3/30/2017 —
Removed #1 E owner/operat My signature	tor manual, Document constitutes approval f	SN: 40584846 and installed New #1 No. 5-0324. Operational check norr for return to service of this aircraft (	Battery PN: RG24-11M SN: 4 nal. DNLY FOR THE WORK I HAVE review any of the maintena h A&P 3683661	E PERFORMED ABOVE. I have not performed ance records including Part 39 compliance.
		END-		

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Registration	-31-2019 on: N513WC rus SR22T	Airframe Logbook Insert Flight: 1046.5 ACTT: UNK Hobbs: 1296.8	JACKSON JETCENTER FBD CHARTERS MAINTENANCE 3873 Rickenbacker St. Boise, ID 83705
turbo tra was perf satisfact	nsition exhaust 6586 formed ref Cirrus Mai ory.	transition exhaust tube at cylinder #2 and the ASM transition 81 with new gasket 652456. Installed new ASM transition tube the nance Manual Chapter 78-10. Post maintenance engine is aft identified above was repaired and inspected in accordance with surrent regulation to service with respect to the work performed. Pertinent details on file at this	DE 657630 and gasket 636465. All work run, power check and leak check
	Signatu	e of Authorized Representative F.A.A. Repair Station #GBBR155E	
	Damasiada	N513WC AIRCRAFT Removed and Repland replaced right, main tire with 15 x 6.00-6, rake pads, bearings, races, and packing. Aircrudek	6 Ply Specially All Hac.

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE		
4may 13	2.3	Production FlightTest accomplished in accordance with Cirrus Procedure #90504.  Name: Dan Ryan Date 14 May 13  Signature: May 13		
5/15/13	2.3	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 05/15/13.  The next inspection is due 05/31/14.		
		David C. Hallfrisch  DMIR-833854-CE		

		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
N51. 1 Ju Com #1 b	3WC Cir ly 2013 Flig aplied with first 25 attery. Reloaded s	ARAPAHOE AERO  TROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  TRUS SR22T S/N: 0519 Aircraft Total Time: 18.1  ht Hobbs: 18.1 Hobbs: 24.5  hour inspection per Cirrus scheduled maintenance interval. Serviced tires. Checked oftware in configuration mode and selected the "SMS/Voice Only" option.  sfactory. Installed new o-rings on oxygen mask fittings. Serviced oxygen and TKS dows and vacuumed interior.  Jeremy D. Trussell A&P 610051913 w/o 33294
· 14 J	13WC Hart anuary 2014 appleted 50 Hour I beller hub for leaka	ARAPAHOE AERO  NTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  zell PHC-J3Y1F-1N/N7605B S/N: NJ714B Propeller Log Entry  Flight Hobbs: 103.4 Hobbs Meter: 125.6  nspection this date using the Cirrus 50 Hour Inspection items as a guide. Inspected age and blade leading edges for stone nicks. Inspected propeller de-ice boots, slinger for component condition and security.  L. John Wells A&P 3221132 w/o 33923
	I	

		F.A.R. 43.11–91.409	
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION CRAFTIES	_
October 20, 2016 N513WC Cirrus SR22T S/N 0519 Flight time: 340.4  1. Replaced starter drive ad. 2. Drained engine oil, remove new CH48108-1 oil filter.		VectorAir Aircraft inspection & Repair  Erie Municipal Airport 395 Airport Drive Erie, Colorado 80518  pter with overhauled exchange unit from Continental Motors inc. P/N R-658440A3 and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and Performed run up leak operational and leak check. —END—.  Terrill Shafer AP28602779	
		N513WC 06-08-2017 Hobbs:752.8 Flight Time:613 9 Removed main gear tires and replaced with retread 15x6.0	

6 tires serial number left tire 7158W00310 and right 33367696. Packed wheel bearings.

C. G. Lucas

A&P 2822684IA W/O 17-00278

		F.A.K. 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			
			_	
			_	
	<del>                                     </del>		_	
			_	
		VAIL VALLEY		
	A. A.	JET CENTER		
		Andrew St. 70		
	N513WC 06-13-201	7 Flight: 0619.0 Hobbs: 0759.3	_	
	Replaced right main go air stop tybe.	ear tube with new Aero Classic 15 6.00	_	
	- (M)	C. G. Lucas	_	
1	A&P 2822684IA	W/O 17-00278		

DATE AIRCRAFT TIME

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



Serviced fuel strainer. Serviced main battery. Replaced aux batteries with part#50979-001. Replaced TKS filter with part #21986-203. Replaced intake air filters with part #27166-001. Packed nose gear bearings. Tested ELT as per FAR 91-207. Complied with SB2X-79-04kit #70551-001. A.D.2012-01-11 N/A. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be airworthy.

N513WC 06-28-2017 Hobbs: 773.0 Flight: 631.0

C. G. Lucas A&P 2822684IA W/O 17-00313



N513WC 02-26-2018 Hobbs time: 1008.7 Flight Time 0821.3

Replaced nose tire with new Goodyear P/N 505C41-4 S/

A&P 2822684IA S/O 18-00155

N 42837602 and new Air guard tube.



AIR N513WC 03-01-2018 Hobbs time: 1010.9 Flight Time DATE 0823.0. Packed wheel bearings. Replaced brake pads part number 066-06200 on both sides. Replaced Brake rotors part number 164-02504. replaced O-rings part number M83461/1-222 in both brake calipers. C. G. Lucas A&P 2822684IA S/O 18-00101

#### ARAPAHOE AERO

L. John Wells A&P 3221132

ANCY LIST

**IOVING AIRCRAFT FOR SERVICE** 

Airframe Log Entry

Airframe Total Time: 0859.9

w/o 38989

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

SR22T S/N: 22T-0519 N513WC Cirrus

Flight Hobbs: 0848.5 Hobbs Meter: 1043.9 05 May 2018 Secured co-pilot door panel using new dual-lock tape. Straightened pilot lower door latch and timed as needed. Serviced nose strut as needed. Operational check satisfactory.

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N513WC Cirrus SR22T

S/N: 22T-0519 Flight Hobbs: 0859.9 Hobbs Meter: 1059.5 26 July 2018

100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Inspected / Tested Artex ME406 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//N513WS-7-13-18-1, dated 07/13/2018on file, file, ELT battery due May 2020. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged #1 aircraft battery. Performed capacitance test of #1 battery. Found to be at 115%. Inspected left and right main wheel brake disks, calipers and linings. Replaced upper temperature sticker on left brake caliper. Service brake reservoir. (Continued) (Page 1 of 2)

INSPECTION RECORD ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N513WC Cirrus SR22T S/N: 22T-0519 Airframe Total Time: 0859.9 26 July 2018 Flight Hobbs: 0859.9 Hobbs Meter: 1059.5 (Page 2 of 2) Installed new left and right main tires, P/N: 156E66-4, S/N: 81132013,8122045 and tubes P/N: 092-500-0. Balanced wheel assemblies and reinstalled on aircraft. Installed new grease seal on nose wheel. Repair and paint of nose wheel pant cup by Haggan Aviation. Installed new slinger ring P/N: 15321-003

with new o-rings and lock-o-seals. Tightened left elevator outboard hinge nut and secured with cotter pin. Secured left and right brake line tie down supports. Completed fiberglass repair of elongated bolt hole on right and left wheel pant. Installed new black upholstery button on pilot's door. Hydrostatic test of oxygen cylinder competed by DOT, Inc. Reinstalled regulator and serviced bottle 2000psi. Leak check satisfactory. Next oxygen bottle hydrostatic test due July 2023. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check, weight 531.1 grams. Performed FIKI system check as needed. Complied with Garmin GSM 86 Servo Clutch Torque Check, all reading found to

be within normal limits. Next check due July 2020. Complied with Cirrus SA06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion as outlined in Service Advisory and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus Design Service Manual, no corrosion noted. Next MCU corrosion inspection due July 2019. 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 in kit P/N: 70544-001. Complied with Cirrus SB 2X-74-02 (Ignition Switch) by applying Loctite 222 to ignition switch finishing collar. Complied with Cirrus SB 2X-95-23 R1 (CAPS Aft Grain

Replacement) by disassembly of rocket motor. Grains found to be free of contamination. Reassembled rocket motor using new Ortman key and hardware as listed in Service Bulletin. Complied with Cirrus SB 2X-95-24 R1 (CAPS Grounding Wire) by installation of new grounding wire kit P/N: 70572-001. AD's checked through Biweekly 2018-16. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. I

Randy C. Johnson A&P 3123186 IA

CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

w/o 39212

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

Airframe Log Entry

Airframe Total Time: 0995.6

w/o 40094

S/N: 22T-0519 SR22T N513WC Cirrus Flight Hobbs: 0963.4 Hobbs Meter: 1194.1 11 May 2019 Installed new reefing line cutters S/N: 4059 and S/N: 3989 as provided in Kit P/N: 26707-002, manufacture date 02-2019. New line reefing line cutters installed using Cirrus CMM as a guide. Next Reefing Line

Cutter replacement due February 2025.

ARAPAHOE AERO

Nathaniel Alan Beuthel A&P 3659835

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N513WC Cirrus

SR22T S/N: 0519

06 August 2019

Flight Hobbs: 0995.6 Hobbs Meter: 1233.2 100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection

Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Inspected / Tested Artex ME406 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/ / N513WS-7-29-19-1, dated 07/29/2019 on file. Installed new ELT

remote arming switch battery P/N: PX28LB. Next ELT remote battery due August 2024. ELT battery due May 2020. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected and charged #1 aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. Next replacement of #2 aircraft

batteries August 2021 or Flight Hobbs Time: 1495.6. Repositioned pilot and co-pilot door seals and added filler in gap. Replaced o-ring on red light for Tanis system. Installed serviceable pilot's cup holder retract arm. Sealed all four NACA vents on bottom of wings. Repaired faulty connection on back of remote

ELT switch. Installed new nose landing gear thrust washer and set side tension. Adjusted yaw and roll bridle cable tensions. Adjusted nose strut to proper height. Installed new seals on nose wheel bearings.

Installed new right brake insulator P/N: 068-0110. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check, weight 522.1 grams. Serviced oxygen (Continued) (Page 1 of 2)

AIRCRAFT TIME

N513WC

14 August 2019

Cirrus

DA.	ATTE SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE					
			AT PROVING OR DISAPPROVING AIRCRAFT FOR SERVICE			
_	12	760 EAST CONT	ARAPAHOE AERO  TROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	_		
-	06 Aug Compli	ust 2019 Flig	ht Hobbs: 0995.6 Hobbs Meter: 1233.2 (Page 2 of 2)  A06-06 (MCU Corresion Inspection) by remarking MCU			
-	ullit 101	corrosion as outil	illed III Service Advisory and applied correction inhibitor and inhibito			
-	01 (Loo	se Fasteners) by	inspection of inertia reel fasteners and applying torque could feel asset as a supplying torque could feel fasteners and applying torque could feel fasteners.			
-	uelect II	oteu. Compneu w	VIIII CIFFUS SB 2X-42-17 (Software Undate) by undating actions of the same			
-	Fuel Qu	antity Indicators,	GFC700 with YD, ESP- No Low Speed Mode, GTY33ES, Avidore TAS CVY			
-	UDL U	A, UKS 30 ( VOIC	(e/SMS), GMA350, CO Guardian EVS Installation Ovugan System Duel			
-	Dearing	Pointer, Known I	IPS (FIKI) Digital, Hi Sense -1, Lo Sense 1, Cleared user settings, Completed ted splash screens and check list, updated POH. AD's checked through Biweekly			
-1	2019-13	. Post inspection	ground run-up and systems operational check good. Cleaned aircraft exterior			
_	cleaned	windscreen and c	abin windows and vacuumed seats and interior I CERTIEV TUAT TUIS	_		
_{	AND W	AS DETERMIN	INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION TO BE IN AN AIRWORTHY CONDITION.			
_l	7		Randy C. Johnson A&P 3123186 IA w/o 40384			

### ARAPAHOE AERO

#### 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 SR22T S/N: 22T-0519 Flight Hobbs: 0998.0 Hobbs Meter: 1236.9

Installed new nose tire tube. Balanced wheel assembly. Reinstalled assembly on aircraft.

Airframe Log Entry

w/o 40464

L. John Wells A&P 3221132

**Vector**Air Aircraft Inspection & Repair

Erie, Colorado 80516 Performed general inspection for pre-purchase evaluation. General look over of aircraft exhaust, fuel and oil systems, landing gear, structure, wings, control systems and overall aircraft condition. Noted life limited items to buyer. ---END---

Erie Municipal Airport

Paul D Randall AP3081341IA

395 Airport Drive

www.beaconregistration.noaa.gov Exp.: 12/09/2021

ADCC4 0ED50 00315 4 If activated, call the AFRCC at

October 11 2019 N315WC

Cirrus SR22T S/N: 0519

Flight Meter: 1018.3

1-800-851-3051

ADCC4 0ED50 00315 If activated, call the AFRCC at

Exp.: 10/11/2023

www.beaconregistration.noaa.gov

1-800-851-3051 1 ..

		12 111 311409	
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DIS SIGNATURE — CERT. NO. OF PERSON APPROVING OR DIS	SCREPANCY LIST
DATE		THE PROPERTY OF DE	SAPPROVING AIRCRAFT FOR SERVICE
Date: 11-27	-2019	Airframe Logbook Insert	10.0160
Registration: I	N513WC	Hobbs: 1332.7	JACKSON
Make: Cirrus S/N: 0519	SR22T	Flight: 1075.6 AFL: UNK	JETCENTER FB0   CHARTERS   MAINTENANCE 3673 Rickenbacker St. Boise, ID 83705
Replaced bo	oth LH aileron hinge	bushings 50224-001 ref Cirrus Maintenance Manual 55-20. Adju	usted nose also strut beight within
specs ref All S/N: HPR10	MM 32-10. Replaced 11464 for testing and	l both toam door seals with new653487. Removed O2 bottle 026 overhaul. Placarded O2 system INOP. Fabricated patch on for	6N2003-3 and regulator 099N0025-2
AC43.13. Ac	djusted RH magneto	timing to 24* ref EMM M-18. Replaced seal on engine LH access alternator #1 pad with new 653981. Replaced alternator belt with	ssory shaft with new seal 25102 ref
installed pro	peller with new O-rin RELEASE: The Aircraft in	ng C-3317-228 ref AMM 61-10. Post inspection operational run a dentified above was repaired and inspected in accordance with current regulations of	and leak checks satisfactory.
airworthy conditi	on and approved for return	to service with respect to the work performed Pertinent details on file at this Repair	Station under Work Order No. <u>JJC-19513.</u>
1	Signature of	Authorized Representative F.A.A. Repair Station #GBBR155E	<b> </b>
Date: 12-5-2	019	Airframe Logbook Insert	IACKEON
Registration: N		Hobbs: 1338.7	JACKSON
Make: Cirrus S		Flight: 1080.1	JETCENTER FBO : CHARTERS   MAINTENANCE
S/N: 0519		AFL: UNK	3673 Rickenbacker St. Boise, ID 83705
Installed are			

### Installed pre-assembled oxygen bottle and regulator valve assembly ref Precise Flight Inc Doc 102NMAN0002 Rev G. Oxygen cylinder 026N2003-3 S/N: 6268-2233 was hydrostatically tested on Dec 2019. Oxygen regulator valve assembly 099N0025-2 S/N: HPR101464 was overhauled and is zero-time Dec 2019. Oxygen system was serviced, and leak checked with satisfactory results.

MAINTENANCE RELEASE: The Aircraft identified above was repaired and inspected in accordance with current regulations of the F.A.A and the was determined to be in an aiworthy condition and approved for return to service with respect to the work performed Pertine to details on file at this Repair Station under Work Order No. JJC-19556. Signature of Authorized Representative F.A.A. Repair Station #GBBR155E

	)ATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CE	KIND OF INSPECT RT. NO. OF PERSON			IST AIRCRAFT FOR SERVICE	Œ
	Date: 4-21 Registration: Make: Cirrus S/N: 0519	N513WC	AČT	gbook Ins nt: 1093.0 T: 1354.7 OH: 0.0	ert	,	JACKS  JETCEN  FBO I CHARTERS I MAIN  3673 Rickenbacker St. Bois	TER
	May 2027. 95.9%. Re Overhaule Installed no probes. Ins NJ714B. R MAINTENANCE	Performed ELT Tes placed all brake lining dengine Continent ew engine mounts we stalled overhauled places arched ADs Bi-water RELEASE: The Aircraft fittion and approved for return the place of the provided and approved for return the place of the place	Ref Cirrus MM 5-20. Installed new it per 91.207. Installed new TKS fill ags and shims. Modified alternator al TSIO-55-K Serial 1008206 ref A with new hardware. Installed all new propeller governor S-1-44F Serial veekly through 2020-08. Post inspirit identified above was repaired and inspected into service with respect to the work performs of Authorized Representative	ter. Performed wiring IAW Plar irframe Mainter of flexible fluid lir I G1604NJ. Inst ection operation in accordance with of	capacity cheme Power DW nance Manua nes forward catalled repaire nal run and legurrent regulation on file at this Rep	ck on main VG #17-100 al 71-00 and of firewall. Ir ed propelle eak checks a is of the F.A.A.	battery; battery p 11 Rev D. Installed 1 TCM OH Manuanstalled all new E 1r PHC-J3Y1F-1N satisfactory.	assed at ed al M-18. GT I Serial
					3.34			
				Sept.				
					200	-		
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AIRCRAFT TI IN SERVIC	ME E	SIGNATURE — CERT	KIND OF INSPECTION-STATUS & . NO. OF PERSON APPROVING OR	DISCREPANCY LIST DISAPPROVING AIRCRAFT FOR SERV	ICE
JACKSON 3, JETCENTER POLONITERS MAINTENANCE	573 Rickenbacker ise, Idaho 83705	·St	book Insert	HOBBS: 1384.3	
to entome to com	tomatic press	Model: SR22	tatic systems testing requ ctory results. Air Data test checks performed with	S/N: 519 uired by 14 CFR Part 91.411 sts performed with Laversab IFR 6000, SN 1000685217, Ca	0//U-EB. I
No. 1 ADC: GDC74A No. 1 Altimeter: United In Performed tests/inspection	ons required t th IFR 6000, S	P/N: 011-00887-10 P/N: 5934AD-3 by 14 CFR 91.413 and found N 1000685217, Calibration P/N: 011-00779-	date July 2019.	Alt: 25,000 Alt: 25,000 ith Part 43, Appendix F. Tra /N: 89124814	ınsponder
MAINTENANCE RELEASE: The Aircr of the FAA and is approved for ret	aft/or component urn to service with	-END- t identified above was repaired and in the respect to the work performed. Per rized Representative	ospected in accordance with curr	ent regulations n file at this Repair Station under -	

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