

AIRCRAFI LOG AF5-1

AIRCRAFT DESCRIPTION

irrus Design Corporation MODEL SR 22	DATE OF MFG. JAN 2008
2927 REGISTRATION NUMBER N770CT	
	Inspection Status (Check one)
	F.A.R. 91.409 ANNUAL/100 HOUR
	F.A.R. 91.409 PROGRESSIVE
	F.A.R. 135.419 A.T.C.O.
	OTHER
	DATE ENTERED
	MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors Inc	TO-550-W	R 691499
ENGINE			R
PROPELLER	Hartsell Propeller Inc	PHC:334F-IN	EP6250B
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MAJOR ALTERATIONS

S. S. C. C. C. C. C. C.	THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES IAVE BEEN INSTALLED ON THIS AIRCRAFT A10588SC
S. S. C. C. C. C. C. C.	A10588SC ———————————————————————————————————
	E10589SC A01708SE DCono///5/08. irrus Design Corporation Duluth, MN_USA C# 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
	(in the second	Maria marificipa	Life Lim	ited Parts S	R22	gravitación relativa renancial dipla	
	-	PART NAME	PART NUMBER		E Company of the Comp	XPIRES	
		CAPS Rocket Motor	21814-001	S/N 403	3 10	2/17	
	C.	APS Parachute	20331-001	S/N 0325	3 01	1/18	
		CAPS Reefing Line Cutters	5212	LOT -10507 003-04	L	1/13	
	C	Oxygen Bottle Assembly	100N0020- 4	MFG Date 07/6		12022	
	EL	T Battery Pack	452-6504	Date Instal	led	12013	
	EM	AAIR	20902-001	07N0107-9		2014	
		Pilot Seat flator Assy, AAIR	20902-002	S/N	Militaria de Arcios producinas de Militaria de monte de Carteria d	1/2014	
	THE RESERVE OF THE PARTY OF THE	o-Pilot Seat flator Assy, AAIR	20902-002	A451 2624 2 S/N AASI 2344 30		1/2014	
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AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

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.
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		Searched A	D's through b	oi-weekly	(0,0)
		issue 2008	-02 . All A	AD's are in —	The same and the s
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ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. I
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	Transponde	er: Mfg <u>Ga</u>	rmin P/N	13587-050		<u> </u>
	Me	odel: GTX-	327 S/NE	373088		
E E	Encoder: M	odel ACK	P/N A-30	S/N 1094	-88	
A	ltimeter: N	Afg Avidyne			<u> </u>	A Company of the Comp
	(PFD) 15222	-008 S/N 2	0060497		
	Mfg United	d P/N 12731	-003 S/N 4	66870	- 10	
			49			
	DC Quality		COU V		21/08	
		Corporation	n Duluth, M	N USA		
P	C# 338CE					410
		4110				

D BY: ARAPAHOE AERO AVIONICS CERT. NO. 12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289 N770CT Cirrus SR-22 sn: 2927 April 28, 2009 Hobbs: 350.7 GARMIN GNS430W sn: 23404559 and GNS 430W sn: 23404526 MAIN Software has been updated to Version 3.20 and GPS Software has been updated to Version 3.2 per GARMIN Software Service Bulletin No. 0848B. I erformed Mandatory Terrain Database update ner Garmin Service Bulletin No. 0820 JUN/08. The aircraft and/or component identified above was inspected in accordance with the current Federal Aviation Regulations and is approved for return to service. AV-01564 FAA CRS ZL6R006Y Signed: ARAPAHOE AERO AVIONICS 12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289 N770CT Cirrus SR-22 sn: 2927 August 27, 2009 Hobbs: 487.3 GARMIN GNS430W sn: 23404559 and GNS 430W sn: 23404526 MAIN Software has been updated to Version 3.30 per GARMIN Software Service Bulletin No. 0918A. Performed Obstacle Database update to Version 09B5. The aircraft and/or component identified above was inspected in accordance with the current Federal Aviation Regulations and is approved for return to service. AV-01747 FAA CRS ZL6R006Y Signed:

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EQUIPMENT EQUIPMENT	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY:
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ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289 N770CT Cirrus SR-22 sn: 2927 **April 1, 2010**

Hobbs: 568.0

United Instruments Altimeter 5934AD-3 sn: 466870 failed FAR 91.411 test and inspection. Exchanged defective Altimeter with United Instruments Altimeter 5934PAD-3 sn: 473546 Altimeter certification per FAR 91.411 to 35K' by Mid-Continent Instruments Inc. on their WO # WRK0155018 dated February 3, 2010. See their 8130-3 issued this date.

Avidyne PFD 700-0006-000 sn: 20031196 has been tested in accordance with Avidyne Service Bulletin No. 601-00006-040 dated 6-17-2005 for FAR 91.411. See our Form AA-090 for details. 8130-3 issued date April 1, 2010. Aircraft's Static system has been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above has been inspected in accordance with the current Federal

Aviation Regulations and is approved for return to service.

CRS ZL6R006Y Signed:

AV-01938

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road, Englewood, CO 80112 303-799-6289 **April 1, 2010** N770CT Cirrus SR-22 sn: 2927

Hobbs: 568.0

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: April 1, 2010 on Garmin GTX-327 sn: 83730881 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-01938. The aircraft and/or component identified above have been inspected in accordance with the current

Federal Aviation Regulations and is approved for return to service. FAA CRS ZL6R006Y Signed:

AV-01938

DATE	TOTAL	EQUIPMENT	TYPE OF	11/1/15	ERROR OR	NEXT CHECK	CHECKED
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	Hobbs: 5	76.6					A constraint of a constraint of the constraint o
	GNS 430W Installed the 00106465-01 Avidyne IFD (IFR cert 2-2 00218-000 R Avidyne ACI 01, Avidyne Magnetomet 200-00176-00 Avidyne MLE	011-01060-00 sn: 23 following equipment: A 14, PS Engineering P 05000i Integrated Flig 2-2011), Avidyne IFD5 Rev. 00 (IFR cert 2-15-D215 Keyboard Contact ACM100 Aircraft Conter 700-00011-000 Rev. 00 Rev. 00 sn: 814-0 B700 Receiver 700-00	3404559, XMD Avidyne R9 Sy MA-8000BT 0 ht Display 700 000i Integrate 2011) trol Display Unfiguration Mo v. 07 sn: 9018	076-01 sr vstem incl 50-890- 04 0-00083-00 d Flight D nit 700-00 odule 700 53248 sw:	1: 23404526 1: 816001699, ST 1: 816001699, ST 1: 816001699, ST 1: 81600130 1: 8160000 1: 81600000 1: 81600000 1: 81600000 1: 816000000 1: 816000000000000000000000000000000000000	D 700-00006-000 sn: EC 55X 01192-34-61T- Assembly 100-00394- 8 451 Rev. 00 sw: 530-063-000 sn: M110330488 sn: M110431235 sw: 02 sn: M110632410, Rev. 02, Avidyne MLE	-30 sn: 0723-12393 111 Rev. 04 sn: 0218-000 Rev. 00 8 Rev. 00 sw: 530- 530-00205-000 Rev Avidyne MAG300 3700 XM Antenna
a	The above eq and instruction Engineering P Main Wiring H SA00282BO. A circuit breakers KM Weather C All work done and AC 43.13-	puipment has been inst ns: Avidyne Corporation PMA-8000BT Installation larness was supplied be All additional wiring was so labeled "IFD 1" and ' Dircuit Breaker. The AC	called and groun master Document Master Document Manual 200 by Avidyne and stated from the CD215 Keyboar A. 3.13-1B C Aircraft's Equation	ind checke ument List -890-0404 was prod om Mil-W- appropria rd is powe hapter 10, ipment Lis	AVIFD-005 Rev. 1 JAN/11. Juced under FAA-22759 16-22 gauste Busses. The Neverth 12 and 14 and 15 Chapter 11 and 15 Chapter 11 and 15 Chapter 11 and 16 Chapt	copilot 700-00170-001 ote Switch Unit sn:12 with the Installation/Op. 5 dated DEC/10 per Scheme of the PMA and in accordance of the	2464 Deration procedures STC SA00282BO, P DOE with STC DISTRIBUTION DI

ARAPAHOE AERO AVIONICS 12780 E. Control Tower Road K-6 Englewood, CO 80112 303.799.6289 April 6, 2011 N770CT Cirrus SR-22 sn: 2927 Hobbs: 576.6 Continued from previous page. A copy of the STC's have been placed in the aircrafts records and remain with the aircraft. Integrated Flight Display Instructions for Continued Airworthiness Document No. AVIFD-016 Rev. 6 dated January 6, 2011 and DFC-100 Autopilot Instructions for Continued Airworthiness Document No. AVDFC-030 Rev 2 dated November 23, 2010 and Avidyne MLB 700 Instructions for Continued Airworthiness Document No. AVSSG-008 Rev. 04 dated September 27, 2009 have been added to aircraft's records. A New Airplane Flight Manual Supplement for the Cirrus SR-22 Release 9 Document No. 600-00712-000 Rev. 02 dated December 31, 2009 and a new Flight Manual Supplement for the DFC-100 Document No. 600-00271-000 Rev. 01 dated March 4, 2011 have been placed in the aircrafts POH and remain with the aircraft. An Avidyne R9 Integrated Flight Display Systems Pilot's Guide 600-00190-000 Rev. 04, Avidyne DFC-100 Pilot Guide 600-00270-000 Rev. 00, Avidyne MLB 700 Pilot Guide 600-00178-000 Rev. 02 and PS Engineering PMA-8000BT Pilot Guide 202-890-0404 Rev. 3 have been supplied by the Manufacturer and remain with the aircraft. Aircraft's pitot and static systems have been tested per FAR Part 43 Appendix E. The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service. AV-02275 FAA CRS ZL6R006Y Signed:

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			Cirrus SR-			April 24,	
		Hobbs:					
1 10		United In	nstrument Alti	meter 5934PAD-3	sn: 473546 has b	een tested and inspe	ected per FAR
		91.411 Pa	art 43 Append	ix E to 35K' by Cer	ntennial Instrument	s Inc. on their WO#	8685 dated
		April 24,	2012. See the	ir 8130-3 issued thi	is date. (Avidyne I	FD Altimeters expir	e February
		2013). En	coder tested wi	ithin tolerances. Ai	rcraft's Pitot and St	atic systems have be	een tested per
	7,	FAR Part	43 Appendix E	2.			
		maintena	and/or comp	Conent identified ab	ove has been inspec	cted in accordance v	with the current
	3	FAA CR	S ZL6R006Y	rederal Aviation R	egulations and is a	pproved for return t	
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	3	Hobbs:					
1533		The ATC	Transponder te	st and inspection re	equired by FAR 91	.413 has been comp	lied with this
			4 40 12 ()				
				of this test and insp	pection are on file a	found to comply wi tt this Repair Station	on our Work
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		maintenan	and/or compo	onent identified abo	ove has been inspec	cted in accordance v	vith the current
			ZL6R006Y		egulations and is a	eted in accordance very peroved for return to	o service.
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ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N770CT Cirrus SR-22 sn: 2927

May 7, 2012

Hobbs: 618.2

Avidyne DFC-100 700-00170-001 sn: M104624618 has been Upgraded to Release 2 by Avidyne Corporation on their WO # 9017827 dated May 4, 2012. See their 8130-3 issued this date. Avidyne Service Bulletin No. 601-00170-008 Rev. 00 dated January 2012. A new DFC-100 Flight Manual Supplement 600-00271-000 Rev. 02 and ICA AVDFC-030 Rev. 03 have been added to POH and aircraft's records. DFC-100 Pilot Guide Update 600-00290-000 Rev. 01 has been supplied by Avidyne and remains with the aircraft.

Avidyne IFD5000i Integrated Flight Display 700-00083-000 sn: M110330451 Avidyne IFD5000i Integrated Flight Display 700-00083-000 sn: M110330488

Software has been updated to Version 9.2.3 per Avidyne Service Bulletin No. 601-00083-025

Rev. 02 dated September 2011. (previous Version 9.2.1)

Software has been updated to Version 9.2.4 per Avidyne Service Bulletin No. 601-00083-026

Rev 00 dated December 2011. (previous Version 9.2.3)

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

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·	ren 5000i 700-0	0083-000 sn: M	110330488 (#1) and	l sn: M11033045	1 (#2) have
oon teste	d and inspected t	er FAR 91.411 F	art 43 Appendix E	to 25K' by Arap	ahoe Aero
wionics of	on our WO# AV-	02913 dated Ma	y 31, 2013. See our	8130-3 issued th	is date.
Standhy	Altimeter expires	April 2014). Enc	oder tested within t	olerances. Aircra	ft's Pitot and
tatic syst	ems have been te	ested per FAR Par	t 43 Appendix E.		
he aircra	ft and/or compon	ent identified abo	ove has been inspect	ted in accordance	with the curre
naintenan	ce rules of the Fe	ederal Aviation Re	egulations and is ap	proved for return	to service.
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T Man	anniound design	data specili	eu ill block 12		1.C	ith the curren
maint	enance rules of the	Federal Avi	ation Regulations	and is approv	ed for retu	rn to service.
FAA	CRS ZL6R006Y	Signed:	mest		AV-	03211

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289 N770CT Cirrus SR-22 sn: 2927 July 25, 2014

Hobbs: 698.1

United Instrument Altimeter 5934PAD-3 sn: 473546 has been tested and inspected per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO# 9582 dated July 25, 2014. See their 8130-3 issued this date. (Avidyne IFD Altimeters expire May 2015). Encoder tested within tolerances. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above has been inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:

ARAPAHOE AERO AVIONICS

12780 E Control Tower Road Englewood, CO 80112 303.799.6289

N770CT Cirrus SR-22 sn: 2927

The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: July 25, 2014 on Garmin GTX-327 sn: 83730881 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 Work

The aircraft and/or component identified above has been inspected in accordance with the current

maintenance rules of the Federal Aviation Regulations and is approved for return to service.

FAA CRS ZL6R006Y Signed:

	r.A.n. 43.9		
THE AMERICAN PLANTS	BIFTION AV WORK PRINTON HTM	ACENICY & CERTIFICATE NO	
February 26 2008 N770CT S/N 2927 Hobbs Time: 15.5	Vector Air Aircraft Inspection & Repair	Erie Municipal Airport 395 Airport Drive Erie, CO 80516	VIC
Installed Reiff Turbo XP engine preheat system of the control	ional check satisfactory.	stat and hotband cylinder heaters.	
) and	Terrill Shafer IA2860279	-
		11 (2002)	
April 16 2008	VectorAir Aircraft Inspection & Repair	Erie Municipal Airport 395 Airport Drive Erie, CO 80516	
Performed 25 hour inspection of aircraft in access. Replaced fuel boost pump, P/N 11839-001S, Replaced all four fuel like.	cordance with Cirrus SR22 AMM Chapter new S/N 2892.		
 Replaced all four fuel dial sensors, P/N 18484 Replaced audio panel P/N 12717-050, new S Replaced right side wing tip tail light P/N A508 Replaced tail tie down bumper P/N 16678-007 	/N 96276551. 8-28.		Since
7. Replaced oxygen fill cover retaining Camloc F 8. Replaced cylinder #2 Reiff cylinder band heat	P/N S3275-102R		
	Long	Terrill Shafer IA2860279	_

ARAPAHOE AERO COM 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Aircraft Total Time: 56.8 S/N: 2927 SR22 Cirrus N770CT Flight Hobbs: 56.8 8 May 2008 Removed altitude transducer for the auto-pilot S/N: 0742-383 and installed an exchange unit S/N: 20347A. Scott L. Utz A&P523021803 Ground test of auto-pilot was good. w/o 26452 April 23 2008 Erie Municipal Airport 395 Airport Drive N770CT Erie, CO 80516 S/N 2927 1. AD 08-06-28 found N/A by PFD serial number. PFD S/N 20060497. END **Ferrill Shafer** IA2860279 Hobbs- 112.7 06/20/08 N770CT 1. Installed new start switch. P/N 19537-001, supplied by Cirrus Design. Mark D. Husmann Smiling Aviation, Inc. A&P3230743IA 870 15.75 Road 970-874-5181 **Delta Co 81416**

12/00 EAST CONTROL	Cirrus SR22	COLORADO 80112 (303) 799-8386
N770CT 07 June 2008	Hobbs: 0102.7	S/N: 2927
Hour Inspection completed		Flight Hobbs: 0080.4 Inspection Items as a guide. Cleaned and
sealed fuel strainer. Serviced	#1 aircraft battery and brake reserve	oir as needed Installed new #1 battery
egative terminal boot. Inspecte	ed tires and brakes. Checked tire pre	essure Adjusted cabin air temporature
nixing box control. Reposition	ed left upper main fairing as needed	l. Reattached lower cowling aft seals
Sing Sivi 1300L. Histalied new Yeaned windows and vacuume	nose strut aft seal in cowling. Servi	check of aircraft systems satisfactory.
Complied with Cirrus SB 2X-	08-01 (weight and balance correct	tion) by installation of adjusted weight
nd balance form into POH as r	eceived from Cirrus. END.	don't by histaliation of adjusted weight
Aluel/	L. John Wells A&P3221132	w/o 26572 / 26573
		to promote classics on the executed as to produce of the forest control of the second of the control of the second
1	AD AD ATLON	
12760 EAST CONTROL T	ARAPAHOE AERO	
12760 EAST CONTROL T N770CT Continents	OWER ROAD ENGLEWOOD, CO	DLORADO 80112 (303) 799-8386
September 2008 Fligh	OWER ROAD ENGLEWOOD, CO l IO-550-N S/N: 6914 t Hobbs: 131.1 Hobbs: 167.6	Engine Total Time: 131.3
S September 2008 Flight 100 Hour Inspection complete	OWER ROAD ENGLEWOOD, CO l IO-550-N S/N: 6914 t Hobbs: 131.1 Hobbs: 165.8	Engine Total Time: 131.3
S September 2008 Flight 100 Hour Inspection complete the engine oil and filter (Shell 1)	OWER ROAD ENGLEWOOD, CO I IO-550-N S/N: 6914 It Hobbs: 131.1 Hobbs: 165.8 Ed this date using the Cirrus inspect	Engine Total Time: 131.3 ion program form as a guide. Changed
8 September 2008 Fligh 100 Hour Inspection complete the engine oil and filter (Shell gapped, tested and rotated spar	OWER ROAD ENGLEWOOD, CO I IO-550-N S/N: 6914 It Hobbs: 131.1 Hobbs: 165.8 ed this date using the Cirrus inspect 15W50). Cut oil filter open and inspect	Engine Total Time: 131.3 ion program form as a guide. Changed pected, no contaminates noted. Clenaed,
8 September 2008 Flight 100 Hour Inspection complete the engine oil and filter (Shell gapped, tested and rotated spar gnition leads breather, no defe	OWER ROAD ENGLEWOOD, COLUMN IO-550-N S/N: 6914 thobbs: 131.1 Hobbs: 165.8 and this date using the Cirrus inspect 15W50). Cut oil filter open and inspect plugs. Checked and adjusted ignificate noted. Engine run and the column inspects noted.	Engine Total Time: 131.3 ion program form as a guide. Changed pected, no contaminates noted. Clenaed,
September 2008 Fligh 100 Hour Inspection complete the engine oil and filter (Shell gapped, tested and rotated spar	OWER ROAD ENGLEWOOD, COLUMN IO-550-N S/N: 6914 thobbs: 131.1 Hobbs: 165.8 and this date using the Cirrus inspect 15W50). Cut oil filter open and inspect plugs. Checked and adjusted ignificate noted. Engine run and the column inspects noted.	Engine Total Time: 131.3 ion program form as a guide. Changed pected, no contaminates noted. Clenaed, tion timing. Checked exhaust system, check good. Adjusted manifold pressure

DATE OF AIRCRAFT TIME DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICA COMPLETION IN SERVICE OR APPROVED DATA USED WORK PERFORMED/RETURNE

ARAPAHOE AERO

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

N770CT

Cirrus

SR22

S/N: 22-2927

14 March 2009

Flight Hobbs: 248.7

Hobbs: 298.1

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. Artex ME406 ELT tested per FAR 91.207(d), no defects noted. ELT battery due February 2013. Flipped copilot's interior door handle and secured installation hardware. Relieved shoulder harness friction point and reinstalled pilot's seat upholstery. Tightened baggage compartment coat hanger bracket. Cleaned and primed affected areas and reinstalled left wing forward and aft sections of wing to fuselage fairing, upper right wing upper wing to fuselage fairing and left and right lower wing to fuselage fairing using new double-sided tape as required. Secured one antenna wiring harness to tail cone mounted tie-block. Installed and sealed new vertical fin mounted VOR antenna elastic grommets. Inspected, cleaned, resealed, and safetied fuel strainer. Serviced and charged #1 aircraft battery. Installed new positive battery terminal electrical nipple. Secured right main gear upper support bracket and installed new lower support P/N: 18362-001. Serviced brake reservoir. Installed new cabin air inlet duct firewall insulation kit P/N: 70194-001. Cleaned affected areas, primed and installed new aluminum adhesive backed tape and anti-chafe strips on lower cowling as required. Checked servicing of oxygen system and inspected for leakage, no defects noted. Avidvne AD 2009-05-05 (PFD Limitations) effective 04-03-2009, supersedes AD 2008-06-28 R1, does not apply by installed PFD Serial Number: 20060497, no further action required. Performed AmSafe post installation seat check, no defects noted. Washed and waxed aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. AD's checked through Biweekly 2009-05. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

of July Wells

L. John Wells A&P 3221132 IA

w/o 27623, 27624



COMPLETION	secondariation and the Arthurs		WORK PERFORMED/RETURNED TO
	The state of the s	ARAPAHOE AERO	
1276	0 EAST CONTRO	L TOWER ROAD ENGLEWOOD, COLORA	ADO 80112 (303) 799-8386
March Control Spread Co.	N770CT	Cirrus SR22	S/N: 22-2927
	25 March 20	09 Flight Hobbs: 268.0	Hobbs: 317.5
Pressure p	ourged TKS panels	on both wings as needed. Serviced TKS reserviced	voir. Ground operational check
satisfactor	rv.	demonstration of the proof of t	eti kurupan etaka mendikan tidak perpada sara, ar terminan ara ar eta ara akta da berban bahar para araba. Ma
	Dha	L. John Wells A&P 32	221132 w/o 27737
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	N770CT	Cirrus SP22	
	N//OCI	Cirrus SR22	S/N: 2927
28 50 Hour In	8 April 2009 spection complete	Hobbs: 0350.7 ed this date using the Cirrus Maintenance Inte	S/N: 2927 Flight Hobbs: 0301.2
50 Hour In	8 April 2009 Inspection complete aned and resealed	Hobbs: 0350.7 ed this date using the Cirrus Maintenance Inte	S/N: 2927 Flight Hobbs: 0301.2 erval 50 Hour Inspection Form as
50 Hour In a guide Cle windows an	N//OC1 8 April 2009 Inspection complete aned and resealed and vacuumed interi	Hobbs: 0350.7 ed this date using the Cirrus Maintenance Inte	S/N: 2927 Flight Hobbs: 0301.2 erval 50 Hour Inspection Form as
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50 Hour In a guide Cle windows an	N//OC1 8 April 2009 Inspection complete aned and resealed and vacuumed interi	Hobbs: 0350.7 ed this date using the Cirrus Maintenance Inte fuel strainer. Inspected tires and brakes. Checior. Ground run operational check of aircraft s	S/N: 2927 Flight Hobbs: 0301.2 erval 50 Hour Inspection Form as eked tire pressure. Cleaned systems satisfactory.
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50 Hour In a guide Cle windows an	N//OC1 8 April 2009 Inspection complete aned and resealed and vacuumed interi	Hobbs: 0350.7 ed this date using the Cirrus Maintenance Inte fuel strainer. Inspected tires and brakes. Checior. Ground run operational check of aircraft s	S/N: 2927 Flight Hobbs: 0301.2 erval 50 Hour Inspection Form as eked tire pressure. Cleaned systems satisfactory.

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

ARAPAHOE AERO

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

N770CT

Cirrus

SR22

S/N: 2927

04 June 2009

Hobbs: 0397.7

Flight Hobbs: 0348.2

50 Hour Inspection completed this date using the Cirrus Maintenance Interval 50 Hour Inspection Form as a guide Cleaned and resealed fuel strainer. Inspected tires and brakes. Checked tire pressure. Removed Autopilot processor, P/N: 13560-002S, S/N: 0747-13019 due to intermittent "HDG" button operation. Installed repaired / exchange unit, S/N: 0531-8594. Aligned unit as required. Installed new aft tie clip to upper left main fairing. Purged left inboard wing TKS panel and serviced TKS reservoir as needed. Removed tape from disbonded section of lower right wing fairing. Cleaned affected area and applied 3M 94 primer. Applied new tape as needed. Cleaned windows and vacuumed interior. Ground run operational check of aircraft systems satisfactory.

Stewelle

L. John Wells A&P3221132

w/o 27980

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K-6 Englewood, CO 80112 303-799-6289

N770CT Cirrus SR-22 sn: 2927

August 27, 2009

Hobbs: 487.3

Removed Avidyne PFD 700-00006-000 sn: 20060497. Installed Overhauled Exchange PFD sn:

20031196. See Avidyne WO #9006327 and 8130-3 issued May 27, 2009. New Altimeter 91.411 cert date

May 27, 2009. Mag Cal performed at KAPA Compass Rose by Arapahoe Aero on8-27, 2009.

The aircraft and/or component identified above was inspected in accordance with the current Federal

Aviation Regulations and is approved for return to service?

FAA CRS ZL6R006Y

Signed:

AV-01747

	N770CT	Cirrus	NGLEWOOD, CO	LUKADU 80112	(303) 799-8386	
July 2009	11//001	Hobbs: 448.9	SR22	S/N: 22-29)27	
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1 / Lands and unit S/N: (1/1/3-1/393). Alighed autophot as needed. Italiasta I light 11000 anspect				1
Hobbs: 0477.9 Flight Hobbs: 0427.9 moved autopilot processor, P/N: 13560-004S, S/N: 0531-8594, due to defective backlighting. Installed paired / exchange unit, S/N: 0723-12393. Aligned autopilot as needed. Adjusted Flight Hobbs airspeed witch as needed. Operational check of aircraft systems satisfactory. L. John Wells A&P3221132 w/o 28222 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N770CT Cirrus SR22 S/N: 2927 Thobbs: 0487.3 Flight Hobbs: 0435.3 Swung magnetometer for PFD after installation of exchange unit by Arapahoe Aero Avionics. Aligned autopilot. Adjusted all unit preset parameters. Removed obstruction from air bleed hole on left wing inboard TKS panel at outer corner. Pressure bled both inboard wing panels. Serviced TKS reservoir.	12760 EAST CONTROL T	OWER ROAD EN	GLEWOOD, COLO	RADO 80112 (303) 799-8386 S/N: 2927
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N770CT Cirrus SR22 S/N: 2927 Hobbs: 0487.3 Flight Hobbs: 0435.3 27 August 2009 Hobbs: 0487.3 Flight Hobbs: 0435.3 Swung magnetometer for PFD after installation of exchange unit by Arapahoe Aero Avionics. Aligned autopilot. Adjusted all unit preset parameters. Removed obstruction from air bleed hole on left wing autopilot. Adjusted all unit preset parameters. Removed obstruction from air bleed hole on left wing inboard TKS panel at outer corner. Pressure bled both inboard wing panels. Serviced TKS reservoir.	13 August 2009 emoved autopilot processor, P/	Hobbs N: 13560-004S, S/N	s: 0477.9 N: 0531-8594, due to autopilot as needed.	Flight Hobbs: 0427.9 defective backlighting. Installed Adjusted Flight Hobbs airspeed
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8380 N770CT Cirrus SR22 Flight Hobbs: 0435.3 Thomas autopilot. Adjusted all unit preset parameters. Removed obstruction from air bleed hole on left wing autopilot. Adjusted all unit preset parameters. Removed obstruction from air bleed hole on left wing inboard TKS panel at outer corner. Pressure bled both inboard wing panels. Serviced TKS reservoir.	A Character of	L. John Wells	A&P3221132	w/o 28222 X
	N770CT 27 August 2009 Swung magnetometer for PF autopilot. Adjusted all unit p	L TOWER ROAD I Cirrus Ho D after installation of the corner. Pressure bled Enstalled new nose to	SR22 obbs: 0487.3 of exchange unit by A emoved obstruction f both inboard wing p ire service cover onto	Flight Hobbs: 0435.3 Arapahoe Aero Avionics. Aligned from air bleed hole on left wing banels. Serviced TKS reservoir.

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DATE		ARA	PAHOE AERO	ATTACHER AND STREET AND STREET	HERE THE PROPERTY OF THE PARTY
	N770CT 17 September 2009 100 Hour Inspection the Precise Flight Ox resealed, and safetied Service Bulletin No. Inspection) by inspectarms as outlined in Service arms as outlined in Service and safetied and of 14-36057AA. Place landing gear wheel be nose and main landing torque. Installed new cowling seals P/N: 50 no defects noted. Servindows and vacuume THIS PROPELLER	NTROL TOWER ROAD Cirrus SR22	S/N: 22-2927 Hobbs Meters the Cirrus SR22 May or Continued Airwork d charged #1 aircraft ling Gear Upper Gu fillet weld between the noted. Next inspect 722-001S, S/N: . Inst e per Cirrus Aircraft servoir. Inspected by specified pressures. Il insulation kit P/N: ecked servicing of ox hed aircraft exterior, s checked through B ED IN ACCORDAN	Airframe Total 7: 570.2 aintenance Interval Inspection of the State and Attach to the upper gusset plate and inspected and repacked and wheel 70194-001. Installed to the system and inspected windscreen wind	pection Form and pected, cleaned, th Cirrus Point Arms d attach point 554.9. ge unit, S/N: ed nose and main is. Inspected pant screw new lower aft ected for leakage, id cabin
	1 / de				/ 20207
			Greg Sickatoos	se A&P 521652584	w/o 28387

COMPLETION	IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVI
5 Ap 100 Form Arte February on to SA outl Insta for p navi and Serv bat No. insp Ser forl bus P/N	N770CT Flight Foril 2010 Flight Hour/Annual Inspect In and the Precise Flight IN ME406 ELT and recovery 2013. Inspected It's seat left hand reclistop of pilot's and co-pilot's and co-pil	ARAPAHOE AERO ROL TOWER ROAD ENGLEWOOD, COLO	Airframe Total Time: 489.0 2 Maintenance Manual Inspection Airworthiness as a guide. Tested efects noted. ELT battery due d and firmly seated unit. Adjusted estition. Installed new shim washers with Cirrus Service Advisory No. inspecting unit for corrosion as estion Inhibitor, no corrosion noted. Inting bolts and adjusted controls ety. Installed new right wing aft it No. 70228-001and calibrated left resealed, and safetied fuel strainer. teries P/N: 50979-001. Next #2) ied with Cirrus Service Bulletin forward Weld Inspection) by colates for cracks as outlined in er: 589.0. Installed new nose gear afety. Installed (2) new nose gear mew left and right main gear tires

DATE OF	AIRCRAFT TIME IN SERVICE		OF WORK PERFORMED ROVED DATA USED	1 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	AGENCY & CERTIFICAT WORK PERFORMED/RETURNE	E NO.
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	2760 EAST CONT		The Control of the Co		0112 (202) 700 0204	
					0112 (303) 799-8386	
			S/N: 22-2927		ne Total Time: 489.0	
— S Apr	ril 2010 Fligh	t Hobbs: 489.0	Hobbs Meter: 56'	7.0		
Carvi	and avvigan system	and inspected for leake	(Page 2)	1 D C 1	A 0 0	1
Servic	heck no defects no	tod Circus AD 2000	ge, no defects note	d. Performed	AmSafe post installation	
2000	does not apply by	Aircraft Sovial Number	20-UI (Anti-ice F)	luid Line Sepa	eration) effective 12-21-	
Riwe	ekly 2010, 07 Clas	Aircraft Serial Number	, no turther action	required. AD	s checked through	
and it	nterior I CEPTIE	V THAT THIS AID C	DAET HAS DEE	and cabin win	dows and vacuumed seats	
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MAINTENANCE RECORD

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N770CT Cirrus SR22 S/N: 22-2927 Airframe Total Time: 494.1

8 April 2011 Flight Hobbs: 494.1 Hobbs Meter: 576.6

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. Tested Artex ME406 ELT per FAR 91.207(d), no defects noted, Beacon Test Report No. BT100AV triple/3195/770CT-1 on file. ELT battery due February 2013. Installed new grommets for VOR antennas. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1) aircraft battery. Installed new right main tire P/N: 156E66-4 and tube P/N: 097-500-0. Serviced tire to specified pressure and balance wheel assembly. Cleaned, inspected and repacked all wheel bearings using Mobile SHC 100 grease and installed new felt grease seals in all wheel assemblies. Cleaned, inspected and resealed right main wheel brake caliper. Installed new brake temperature placard "stickers", bled brake system and serviced brake reservoir, brake operational check good. Installed and secured Precise Flight oxygen line extension kit. Kit installed as a minor alteration. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA), no defects noted. Performed AmSafe post installation seat check, no defects noted. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus AMM, no corrosion noted. Complied with Cirrus SB 2X-24-09 (Electrical Load Distribution-TVS Fuse) by installing fuse holder, fuse and wiring circuit per Service Bulletin. Complied with Cirrus SB 2X-30-07 R3 (porous panel vent inspection) by functional check and inspection, no defects noted. AD's checked through Biweekly 2011-07. Complied with Cirrus SB 2X-32-19 R2 (Nose Landing Gear Upper Gusset Plate and Forward Weld Inspection) by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin. No defects noted. Installed bolt through nose gear forward weldment as provided in Cirrus Kit P/N: 70238-00, no further forward weld inspection required. Next upper gusset plate inspection due at Flight Hobbs: 594.1. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. AD's checked through Biweekly 2011-07. Post inspection ground run-up and systems operational check satisfactory. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DÉTERMINED TO BE IN AN AIRWORTHY CONDITION.

Muchli

CO

L. John Wells A&P 3221132 IA

w/o 30352

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
1/ Ju 2008	5.3 Hrs		F
A Sealer -		Production Flight Test accomplished in accordance with Cirrus Procedure #90502.	
		Name: Greg Peterson Date 26 Jan 2008	
		Signature: VLPG	
		Title: Production Flight Test Pilot	*
3018NO8		I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated Jan /30 /2008. The next inspection is due Jan /31 /2009.	
		In DAY Com	
		Troy J. McDonald ODARF-405228-CE	

ENG/PROP DYNAMICALLY EALANCED	AIRCRAFT TIME IN SERVICE	KI SIGNATURE — CERT. N	IND OF INSPECTION-STATUS & DISCREPANCY LIST IO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
Performed AV 951-2 date 12 June 1980 using DSS Microvib II equipment and application note An-May Prop Rev. 201 July 203. Initial IPS of 243 @ 202 Initial IPS of 243 @ 203 Initial IPS of 243 @ 204 Initial IPS of 243 @ 205 Initial IPS of 243 @ 205 Initial IPS of 243 @ 206 Initial IPS of 243 @ 207 Initial IPS of 243 @ 208 Initial IPS of 243 @ 208 Initial IPS of 243 @ 208 Initial IPS of 243 @ 209 Initial IPS of 243 @ 209 Initial IPS of 243 @ 209 Initial IPS of 243 @ 200 Initial IPS of 243 @ 201 July 203. Initial IPS of 243 @ 202 July 203. Initial IPS of 244 @ 202 July 203.		ENG/PROP DYNAMIC	CALLY BALANCED
Cont/Hart 691499 Front MicroVib II SN:1177 Cal:10/27/2010 Initial: 0.243 IN/S @ 2558.1 RPM Final: 0.025 IN/S @ 2556.6 RPM Oper:			Performed a dynamic propetter balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Heimuth document AW #5511-2 dated 12 June 1950 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, VII 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com
Date:08/14/2011 Jim Barker A&P 2755069	Cont Fron Micro Initia	Hart 691499 : DVib II SN:1177 Cal:10/27/2010 I: 0.243 IN/S @ 2558.1 RPM Final:	0,025 IN/S @ 2556.6 RPM
(4)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	Date	08/14/2011	Jim Barker A&P 2755069

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE		
	October 17 th 2011			
ad I	N770CT Cirrus Design Continental IO 550 N Hartzell PHC-J3Y1F-1N	S/N 691499	HOBBS 515.0 Hrs Flight 604.3 Hrs HOBBS 515.0 Hrs Flight 604.3 Hrs HOBBS 515.0 Hrs Flight 604.3 Hrs	
			exhaust manifold to allow clearance at aft section to nilk. Sealed several airleaks with silicone. Cleaned	
The same	tail pipe breather of build		ked nose wheel bearing tension and caster tension,	
	THIS AIRCRAFT, ENGINEEPAIRED IN ACCORD	NE, PROPELLER COMBINANCE WITH CURRENT	NATION WAS INSPECTED AND/ OR WAS REGULATIONS OF THE FAA AND IS	
	APPROVED FOR RETU	RN TO SERVICE.		
	JIM BARKER A&P www.aviationvibes.com		ESOURCES, LLC	
	(715) 491 1303	Cumberland	Ave Hangar 7 I, WI 54829	

KIND OF INSPECTION-STATUS & DISCREPANCY LIST AIRCRAFT TIME SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE IN SERVICE ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Airframe Total Time: 526.0 S/N: 22-2927 SR22 Cirrus N770CT Flight Hobbs: 526.0 Hobbs Meter: 618.2 10 May 2012 (Continued) (Page 2) Inspected CAPS system for component condition and security and affixed CAPS lever cover using new Velcro strip. Inspected oxygen system per Precise Flight (ICA) and verified operation of oxygen switch, no defects noted. Complied with Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus AMM, no corrosion noted. Next corrosion inspection due May 2013 or Flight Hobbs: 626.0. Inspected and weighed cabin fire extinguisher, no defects noted. Cirrus (SB) No. SB 2X-74-01 (Champion RHB32S Spark Plugs) does not apply, Champion RHB32E spark plugs are installed, no further action required. AD's checked through Biweekly 2012-09. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. I CERTIFY THAT THIS AIR CRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Greg Sickafoose A&P 3443687 IA w/o 31811

KIND OF INSPECTION-STATUS & DISCREPANCY LIST AIRCRAFT TIME SIGNATURE — CERT, NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE DATE IN SERVICE ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Airframe Total Time: 562.7 N770CT Cirrus SR22 S/N: 22-2927 1 June 2013 Flight Hobbs: 562.7 Hobbs Meter: 661.7 100 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. Installed new ELT battery P/N: 455-0012 and tested Artex ME406 ELT per FAR 91.207(d), no defects noted, Beacon Test Report No. BT100AV triple/3195/N770CT-1, dated 08-28-2014. ELT battery due June 2020. Performed "Data Logger" functional inspection, L.E.D. annunciator light indicated no defects. Performed Transient Voltage Suppressor Inspection by inspecting for heat sink damage and checking continuity of installed fuses, no defects noted. Inspected and lubricated pilot's and co-pilot's cabin doors and latches. Cleaned affected areas and affixed belly mounted exhaust heat shields as needed. Cleaned and primed affected areas and reinstalled right wing upper wing to fuselage fairing using RTV sealant. Complied with Cirrus (SB) No. SB 2X-28-11 R1 (Fuel Line Replacement) by removing existing fuel return line and installing new anodized fuel return line as outlined in Service Bulletin. Checked new fuel line installation for system leakage, no defects noted and no further action required. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1) aircraft battery. Complied with Cirrus (SB) No. SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection) by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. Next upper gusset plate inspection due at Flight Hobbs: 662.7. Inspected nose gear fork for condition and security and checked side tension, no defects noted. Complied with Cirrus (SB) No. SB 2X-57-13 R2 (Lower Landing Gear Attach Bracket) by retorqueing the left and right main gear lower landing gear attach bracket bolts per Service Bulletin, no further action required. Serviced brake reservoir. Performed AmSafe post installation seat check, no defects noted. Inspected CAPS system for component

(Page 1)

condition and security

(Continued)

COMMON.	12760 EAST CONTRO N770CT Cirrus 1 June 2013 Flight Ho Reinstalled oxygen cylinder Inc, W/O# 6065, dated 05-29 Serviced oxygen cylinder an Precise Flight (ICA) and ver (SA) No. SA 06-06 (MCU C 81309 Type III Corrosion Inl due June 2014 or Flight Ho performed 12 month cabin fi grams. Inspected and wiped and installed new cowl seal I installation hardware as need cleaned windscreen and cabi and systems operational chec IN ACCORDANCE WITH AIRWORTHY CONDUMON.	As Description Oxygeu Cy/inclev Assy PN 16N263-3 BN 6268-1/55 Hyclvostatic Test MAINTENATICE TIEL EASE The appliance identified was repaired and inspected in accordance with current instructions contained in 47CFR/80,205 and the Federal Aviation Regulations and is approved for return to service as per those requirement. Pertinent details of maintenance are on file under W/O # 6065 Date 5/27/3 Signature Puller Service Ser
Greg Sickafoose A&P 3443687 IA W/o 33159	- Janon.	Greg Sickafoose A&P 3443697 I.

F.A.R. 43.11-91.409

KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE AIRCRAFT TIME IN SERVICE ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Airframe Total Time: 562,7 S/N: 22-2927 SR22 Cirrus N770CT Flight Hobbs: 562.7 Hobbs Meter: 661.7 1 June 2013 (Continued) (Page 2) Reinstalled oxygen cylinder P/N: 26N2003-3, S/N: 6268-1155 following hydro- static test by Aero Care. Inc, W/O# 6065, dated 05-29-2013. Next hydrostatic test due May 2018. Serviced oxygen cylinder and checked for system leakage, no defects noted. Inspected oxygen system per Precise Flight (ICA) and verified operation of oxygen switch, no defects noted. Complied with Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus AMM, no corrosion noted. Next corrosion inspection due June 2014 or Flight Hobbs: 662.7. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, no further defects noted, bottle weight 519.6 grams. Inspected and wiped down engine cowling. Cleaned affected areas on left and right lower cowls and installed new cowl seal P/N: 53338-063U as needed. Installed new inspection panel and component installation hardware as needed. AD's checked through Biweekly 2013-11. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDUCTION. w/o 33159 Greg Sickafoose A&P 3443687 IA

DATE	AIRCRAFT TIME IN SERVICE	SIC		OF INSPECTION-STATUS OF PERSON APPROVING	6 & DISCREPANCY LIST OR DISAPPROVING AIRCRA	AFT FOR SERVICE
-02-2013	563.1	1- Replaced	Buttery 1	with No	RKTOSH !	AGP 52429/127
I	N770CT 27 June 2014 nstalled new Reefi	CONTROL TOWER Cirrus Flight Hobbs: 592 ing Line Cutters, S/N Kit date of manufact	SR22G3 1.4 Hobbs N's: 5262 and 53	EWOOD, COLC S/N: 22-2927 Meter: 697.0 312, as included	Airframe in kit P/N: 25347- ing Line Cutter r	Log Entry 002 using Cirrus
1	N770CT 4 July 2014 00 Hour/Annual	CONTROL TOWER Cirrus SI Flight Hobbs: 591 Inspection complet se Flight Oxygen Sy	R22 S/N .7 Hobbs led this date usin	EWOOD, COLO 22-2927 Meter: 697.8 ag the Cirrus SR2	Airframe Total 22 Maintenance M	Time: 591.7 Ianual Inspection
A co	artex ME406 ELT ontroller S/N: 07N, rebuilt by AMSA ontroller replace nunciator light in the at sink damage	per FAR 91.207(d), NOV07-97 and instance of the June 202 adicated no defects. The ge and checking constant of the Samuel 12 and	no defects note lled overhauled No. PQ1967NI 1. Performed "I Performed Tran tinuity of install	ed. ELT battery /exchange unit F M, W/O# 79767- Data Logger" fun nsient Voltage St ed fuses, no defe	due June 2020. N: 508358-421, 1, dated 06-23-20 actional inspection appressor Inspection ects noted. Inspec	Removed EMA S/N: RA20JUN14- 14. Next EMA n, L.E.D. on by inspecting eted and lubricated

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 22-2927 Airframe Total Time: 591.7 SR22 Cirrus N770CT Flight Hobbs: 591.7 Hobbs Meter: 697.8 24 July 2014 DATE (Page 2) (Continued) Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged #1aircraft battery. Installed (2) new #2 aircraft batteries P/N: 50979-001. Next battery replacement due July 2016 or Flight Hobbs: 1091.7. Inspected nose gear fork for condition and security and checked side tension, no defects noted. Cleaned, inspected, resealed, and reinstalled right main wheel brake caliper. Installed new brake caliper temperature placard "stickers", bled brake system and serviced reservoir, brake operational check satisfactory. Performed AmSafe post installation seat check, no defects noted. Inspected CAPS system for component condition and security Inspected oxygen system per Precise Flight (ICA) and verified operation of oxygen switch, no defects noted. Checked oxygen cylinder service pressure. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check. Bottle weight 517.1 grams. Inspected and wiped down engine cowling. Complied with Cirrus (SA) No. SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus AMM, no corrosion noted. Next corrosion inspection due July 2015 or Flight Hobbs: 691.7. Complied with Cirrus (SA) No. SA 13-05 (Elevator Hine Pin Inspection) by inspecting elevator hinges for condition and security and hinge pins for proper torque and safety per Service Advisory, no defects noted and no further action required. Complied with Cirrus SB2X-28-11R3 (Fuel Line Replacement) by cleaning and resealing of the glycol bay and fittings and installing new anodized fuel return line as outlined in Service Bulletin. Inspected new fuel line installation for system leakage, no defects noted and no further action required. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection) by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. Next upper gusset plate inspection due at Flight Hobbs: 691.7. AD's checked through Biweekly 2014-14. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 IA w/o 34546

DATE

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289 October 23, 2014

N770CT Cirrus SR-22 sn: 2927

Hobbs: 707.1

Avidyne ACR 132 700-00110-000 sn: M101399261 (MFD)

RMA # 9025922 and # 9025925

Units returned to Avidyne for Upgrade.

Avidyne modified units to part number 700-00110-001. See their Certificate of Conformance issued October 20, 2014. ACR 132 Blades reinstalled in respective units and Software Revision 9.3 per Avidyne Service Bulletin No.

601-00083-039 Rev. 01 dated September 22, 2014 was completed.

Post installation checkout procedure as described in the Entegra Integrated Flight Display System Maintenance

Manual 600-00160-000 Rev. 14 was completed.

System configuration was completed using Avidyne Configuration Tool 570-00117-005.

Configured as follows: Cirrus SR-22 Turbo G3, PMA-8000B(T), Garmin Transponder (other), MLB-700, WX-500 Top Antenna, NO TAWS, Skywatch Traffic, NO ADF, NO DME, DFC-100 Release 2, Pitch/PitchTrim/RollTrim, AHRS -2. The KGP-560 has been disabled by removing power to the unit. Wire on Circuit breaker was removed and capped/labeled and stowed. TAWS Disabled sticker placed on pilots side Instrument panel next to TAWS switches. Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation

Regulations and is approved for return to service.

CRS ZL6R006Y Signed:

AV-03262

F.A.R. 43.11-91.409

	AIRCRAFT TIME IN SERVICE	KIND OF INSPEC SIGNATURE — CERT. NO. OF PERSON	CTION-STATUS & DISCREPANCY LIST A APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
TE		ARAPAHOE AERO AV	VIONICS
N770(12780 E. Conti CT Cirrus SR-22 s	rol Tower Road K6 Englewo	ood, CO 80112 303-799-6289
Hobbs ACD21 Returned Avidyned 2014. Re The airc Regulati	: 707.1 5 Keyboard 700-00150 d unit to Avidyne for example modified Keyboard and	0-002 sn: M110431235 Rev 00 valuation/repair. RMA 9025924 and returned to service per their WO # d adjusted Contrast setting for optimal identified above was inspected in according to service.	October 23, 20 9025924. See their 8130-3 issued October um viewing with the Instrument Light Rheocordance with current Federal Aviation AV-03262
	12500 F. C.	ARAPAHOE AERO AV	VIONICS
	12780 E. Contr 70CT Cirrus SR- 5bs: 726.8	rol Tower Road K6 Englewo 22 sn: 2927	July 27, 2015

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — C	KIND OF INSPECTION-STATUS & DIS ERT. NO. OF PERSON APPROVING OR DIS	SAPPROVING AIRCRAFT FOR SERVICE
		ARAPAHOI	E AERO AVIONICS	SECTION ASSESSMENT OF THE PROPERTY OF THE PROP
1	12780 E	Control Tower Road		12 303.799 6289
	The common transport of the co	SR-22 sn: 2927	हत्त्व वर्षात्र क्षात्रक्षत्त्र हत्त्व क्षात्र वर्षात्र हत्त्व क्षात्र क्षात्र क्षात्र क्षात्र क्षात्र क्षात्र इत्तर क्षात्र क्षात्रक्षत्त्र क्षात्र	August 4, 2015
<u> </u>	Hobbs: 726.8			1, 2013
	Avidyne IFD 5000	700-00083-000 sn: M1	10330488 (#1) Altimeter	failed initial test. AHR-310
	710-00107-000 sn:	M101198031 has been	removed and Overhaul	ed Exchange AHR-310 sn:
		een installed in the No.		VIV 511:
	Avidyne IFD 5000	i 700-00083-000 sn: M	110330488 and sn: M11	0330451 (#2) Altimeters
	have been tested ar	d inspected per FAR 91.	411 Part 43 Appendix H	E to 25K' by Arapahoe Aero
	Avionics on our W	O# AV-03451 dated Aug	gust 4, 2015. See our 813	30-3 issued this date.
		expires July 2016). Enco		ces. Aircraft's Pitot and
	I Static systems have	e been tested per FAR Par	rt 43 Appendix E	
1 1000				terrespondente de la companya de la
	The aircraft and/or	component identified abo	ove has been inspected in	accordance with the curren
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or	component identified about the Federal Aviation R	ove has been inspected in	accordance with the currented for return to service. AV-03451
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
1	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.
	The aircraft and/or maintenance rules	component identified about the Federal Aviation R	ove has been inspected in	ed for return to service.

		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	
		ARAPAHOE AERO	-
10 F no us B A ir	N770CT August 2015 00 Hour/Annual orm and the Preci ew ELT remoted a sing WS Technolo T100AVtriple/31 august 2019 and inspecting for heat	CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Cirrus SR22 S/N: 22-2927 Airframe Total Time: 614.2 Flight Hobbs: 614.2 Hobbs Meter: 726.8 Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection see Flight Oxygen System Instruction for Continued Airworthiness as a guide. Installed arming switch battery P/N: PX28LB. Tested Artex ME406 ELT per FAR 91.207(d) agies beacon measurement equipment, no defects noted, Beacon Test Report No. 95/N770CT-7-30-15, dated 07-30-2015 on file. ELT remote switch battery due ELT battery due June 2020. Performed Transient Voltage Suppressor Inspection by sink damage and checking continuity of installed fuses, no defects noted. Performed	
tr a P w si si h	ffected areas and a N: 51847-045U. within limits. Strainer. Serviced ecurity, static volteavy duty aerosol	Performed left and right fuel cap resistance check, no defects noted and all readings ghtened left fuel tank filler port tab. Inspected, cleaned, resealed, and leak checked fuel and charged aircraft primary battery. Inspected #2 aircraft batteries for condition and age 22.7 volts. Inspected nose gear shock pucks for condition and security and applied silicone. Inspected nose gear fork for condition and security and checked side tension,	
- S	ecurity. Installed eservoir. Inspected was left crack us exygen cylinder secondition and secu	nspected left and right main wheel brake disks, campers, and minigs for consequences of the right main wheel brake caliper linings P/N: 066-06200. Serviced brake fluid in new right main wheel fairings for condition and security. Repaired nose wheel fairing and security of the repair. Inspected oxygen system per Precise Flight (ICA). Checked right composite type repair. Inspected oxygen system per Precise Flight (ICA). Checked rivice pressure. Inspected flight surface TKS panels and system for component rity. Checked service levels in TKS reservoirs. Inspected CAPS system for component rity no defects noted.	

(Page 1)

(Continued)

condition and security, no defects noted.

		SIGNATO	RE — CERT. NO. OF PERSON AFFRON	/ING OR DISAPPROVING AIRCRAFT FOR SERVICE
		AF	RAPAHOE AERO	
1	12760 EAST			LORADO 80112 (303) 799-8386
	N770CT	Cirrus SR22	S/N: 22-2927	Airframe Total Time: 614.2
a F	5 August 2015	Flight Hobbs: 614.2		
			ntinued) (Page 2)	
				rmed 12 month cabin fire extinguished spected and wiped down engine
				on Inspection) by inspecting unit for
				er the Cirrus AMM, no corrosion
	noted. Next corre	osion inspection due Aug	ust 2016 or Flight Hobb	s: 714.2. Complied with Cirrus
				Inspection Procedure) by
				igh this unit before each flight"
				SB 2X-28-12 (Electric Fuel Pump
				vice Bulletin, no defects noted.
		그리고 있다. 이 이 사람들은 한 경기 가장 하면 하는 것이 되었다. 그 사람들이 되었다. 그 사람들이 얼마나 되었다.		ar Upper Gusset Plate Inspection)
				sset plates for cracks as outlined in
	그 그들은 그렇게 되었다면 하는 것이 되었다. 그 아이는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	20 Light () : () () () () () () () () (그렇게 하는 것이 그는 그는 그는 그는 그는 그는 그들은 사람들이 되었다. 그는 그들은 그는 그들은 그는 그들은 그는 그를 가는 것이다.	on due at Flight Hobbs: 714.2.
		COLD TO A COLD TO A SECURE OF THE PARTY OF T	The first and the control of the con	leaned windscreen and cabin
				-up and systems operational check
				CTED IN ACCORDANCE WITH
		SPECTION AND WAS I	DETERMINED TO BE	IN AN AIRWORTHY
	CONDITION.		Danda Takaasa A	8 D 212210 C TA /- 25920
	1000	of the me	Randy Johnson A	&P 3123186 IA w/o 35829

F.A.R. 43.11-91.409 OR SERVICE ARAPAHOE AERO AVIONICS 12780 E Control Tower Road Englewood, CO 80112 303.799.6289 799-8386 N770CT Cirrus SR-22 sn: 2927 ie: 614.2 August 15, 2016 SE Hobbs: 743.8 Avidyne IFD 5000i 700-00083-000 sn: M110330488 and sn: M110330451 (#2) Altimeters have been tested and inspected per FAR 91.411 Part 43 Appendix E to 25K' by Arapahoe Aero extinguisher NE Avionics on our WO# AV-03686 dated August 12, 2016. See our 8130-3 issued this date. engine United Instruments Altimeter 5934PAD-3 sn: 473456 has been repaired, tested and inspected ting unit for per FAR 91.411 Part 43 Appendix E to 35K' by Centennial Instruments Inc. on their WO# rrosion 10350 dated August 15, 2016. Cirrus Aircraft's Pitot and Static systems have been tested per FAR Part 43 Appendix E. by The aircraft and/or component identified above has been inspected in accordance with the current flight" Tuel Pump maintenance rules of the Federal Aviation Regulations and is approved for return to service. noted. FAA CRS ZL6R006Y Signed: AV-03686 nspection) utlined in ARAPAHOE AERO AVIONICS 714.2. 12780 E. Control Tower Road K6 Englewood CO 80112 303-799-6289 abin N770CT Cirrus SR-22 sn: 2927 nal check August 15, 2016 Hobbs: 743.8 CE WITH The ATC Transponder test and inspection required by FAR 91.413 has been complied with this date: August 15, 2016 on Garmin GTX-327 sn: 83730881 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-03686. o 35829 The aircraft and/or component identified above has been inspected in accordance with current Federal Aviation Regulations and is approved for return to service. CRS-Zl6R006Y Signed: AV-03686

ARAPAHOE AERO AVIONICS

12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289 N770CT Cirrus SR-22 sn: 2927 August 15, 2016

Hobbs: 743.8

Avidyne IFD 5000 700-00083-000 sn: M110330488 (#1) M110330451 (#2)

Avidyne R9 System Software has been upgraded to Version 9.3.3 per Avidyne Service Bulletin No.601-06083-044 dated December 7, 2015. New FAA Approved Flight Manual Supplement 600-00712-002 Rev 01 dated January 26, 2015 has been added to POH. System reconfigured for KGP560.

The aircraft and/or component identified above was inspected in accordance with current Federal Aviation

Regulations and is approved for return to service,

CRS ZL6R006Y Signed:

AV-03686

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N770CT Cirrus SR22 S/N: 22-2927 Airframe Total Time: 627.4 Flight Hobbs: 627.4 Hobbs Meter: 743.8100 Hour/Annual Inspection completed 16 August 2016 this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System Instruction for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N770CT-8-16-16, dated 16 August 2016 on file. ELT battery due June 2020. Performed Transient Voltage Suppressor Inspection by checking continuity of installed fuses, no defects noted. Performed AmSafe post installation seat check, no defects noted. Inspected and lubricated pilot's and co-pilot's cabin doors and latches. Straightened lower latch fork on right door. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Serviced and charged aircraft primary battery. Installed (2) new #2 batteries P/N: 50979-001, static voltage 24.2 volts. Next #2 battery replacement due August 2018 or Flight Hobbs: 1127.4. Inspected nose gear shock pucks for condition and security. Inspected nose gear fork for condition and security and checked side tension, no defects noted. Inspected left and right main wheel brake disks, calipers, and linings for condition and security. Serviced brake fluid in reservoir. Inspected nose and main wheel fairings for condition and security. Secured a section of right fuselage to wing fairing. Repaired elongated axle bolt hole in right wheel pant. Inspected oxygen system per Precise Flight (ICA). Checked oxygen cylinder service pressure. (Page 1) (Continued)

ARAPAHOE AERO

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

N770CT

Cirrus

SR22

S/N: 22-2927

Airframe Total Time: 627.4

16 August 2016

Flight Hobbs: 627.4 Hobbs Meter: 743.8

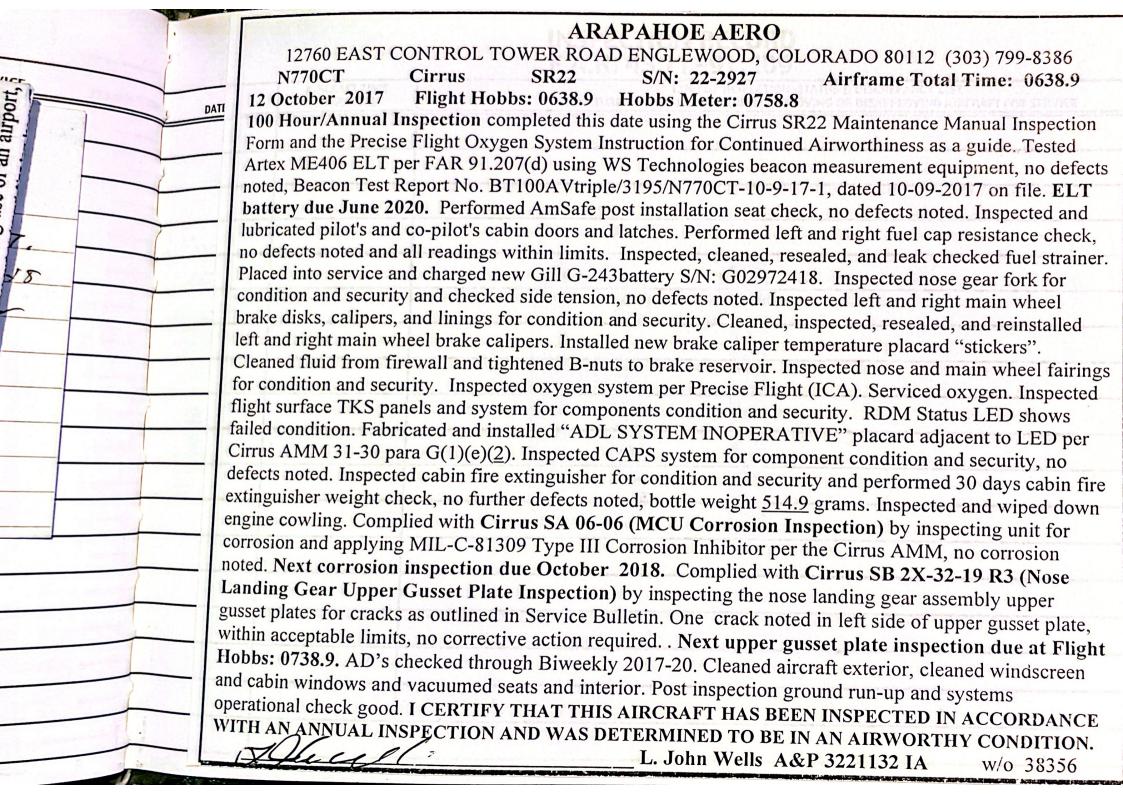
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(Page 2)

Inspected flight surface TKS panels and system for components condition and security. Removed corrosion from inside TKS cap and lubricated key hole with graphite. Checked service levels in TKS reservoir. Safety wired propeller de-ice tube nuts. Installed new fuel strainer quick drain P/N: 50242-001. Applied Mylar tape to right flap leading edge. Inspected CAPS system for component condition and security, no defects noted. Inspected cabin fire extinguisher for condition and security and performed 12 month cabin fire extinguisher weight check, no further defects noted, bottle weight 515.9 grams. Inspected and wiped down engine cowling. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and applying MIL-C-81309 Type III Corrosion Inhibitor per the Cirrus AMM, no corrosion noted. Next corrosion inspection due August 2017 or Flight Hobbs: 727.4. Complied with Cirrus SB 2X-28-12 (Electric Fuel Pump Inspection) by visual inspection and leak check of fuel pump per Service Bulletin, no defects noted. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection) by inspecting the nose landing gear assembly cross tube welds and gusset plates for cracks as outlined in Service Bulletin, no defects noted. Next upper gusset plate inspection due at Flight Hobbs: 727.4. Complied with Cirrus SB 2X-52-08 R2 (Cabin Door Struts) by installing new door struts and catcher diverter's as included in kit P/N: 70544-001 and outlined in Service Bulletin, no further action required. AD's checked through Biweekly 2016-17. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

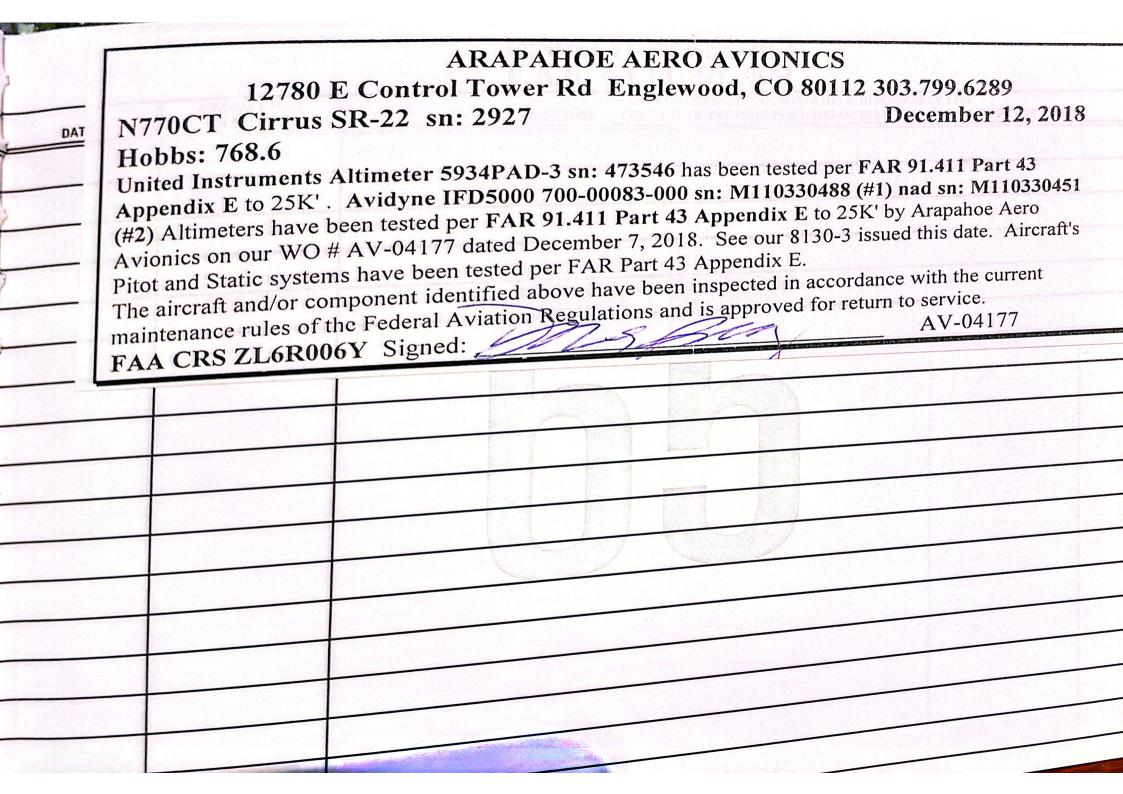
Randy Johnson A&P 3123186 IA

w/o 37061



		F.A.K. 43.11-91.4	
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPEC SIGNATURE — CERT. NO. OF PERSON	TION-STATUS & DISCREPANCY LIST APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
1.6			
		ARAPAHOE AI	ERO
	12760 EAST C	ONTROL TOWER ROAD: ENGLEWOO	OD, COLORADO 80112 (303) 799-8386
	N770CT	Cirrus SR22 S/N:	22-2927 Airframe Log Entry
	21 March 2018	Flight Hobbs: 0642.4 Hobb	os Matar: 0763 A
	Complied with Cirr	us SB 2X-95-18 R4 (CAPS Rocket Ren	lacement) by removal of realest mater
	assembly, P/N. 2181	4-001, S/N: 4033, and parachute assemb	ly P/N: 20331-001/D S/N: 02252 Madigal
	parachute enclosure	as needed for installation of new rocket a	assembly Installed rebuilt parachute assembly
	1/N. 233/4-004-RE	D, S/IN: U3349KI, rebuilt by Cirrus Design	n PCF# 338CF reference 8120 2 Work Order
	100304, dated 29 Jan	nuary 2018. Next CAPS parachute repa	ick due 23 January 2029 Domoved modern
	line cutters P/N: 26/	0/-001, S/N: 5312 & 5262 and installed	On new parachute assembly Doofing Line
	Cutters expire Sepi	ember 2019. Assembled new rocket mo	otor and igniter components in accordance with
	CITUS CAPS CIVIM.	Rocket assembled using new electric ign	liter components as included in Cirrus Kit
	P/N: /0268-002. Ins	talled new frangible link assembly. P/N:	29705-002 Installed new rocket motor
	assembly, P/N: 2950	00-403, S/N: 2907. New Rocket Motor A	Assembly Expiration Date 03 January 2028
	Disassembled MCU	as needed to gain access to Clock Power	Fuse. Installed new firse assembly and
	installed new fuse he	older spade connectors. Completed wiring	g modifications at P/I100 and P138 connectors
	as needed. Installed	CAPS igniter harness assembly and secu	red routing as needed Assembled #2 battery
	l box using new cover	: Installed (2) new #2 aircraft batteries P/	N: 50979-001. Next replacement of #2
	aircraft batteries N	larch 2020 or Flight Hobbs: 1142.4. Pe	rformed all CAPS electrical Resistance,
	Voltage and Diode of	hecks. All readings found to be within M	Ianufacturers Published Limits. Performed
	Pitot and Static syste	m leak checks. Weight and Balance calc	culated using data as provided in Service
	Bulletin and incorpo	rated into POH. Complied with Cirrus S	SB 2X-95-24 (CAPS Grounding Wire) by
	installation of new g	rounding wire kit P/N: 70572-001. Groun	nd run operational check of aircraft systems
	satisfactory.	170	
	Waller A	Nathaniel Alan	Beuthel A&P 3659835 w/o 38583

		ADADAHOE AEDO AN	HONICS
	10500 T C	ARAPAHOE AERO AV	
		ntrol Tower Rd Englewood	
N'	N770CT Cirrus SR-22 sn: 2927		December 12, 2018
- H	obbs: 768.6	ang it and tained from an order retainment in her just an over the operation of the comment of the state state and	
Re	moved Garmin GTX-327 01	11-00490-00 sn: 83730881	
Ins	talled Avidyne AXP-340 Ti	ransponder 200-00247-000 sn: 01418	
— Air	craft is on the Approved Mo	odel List (AVAXP-006 Rev 2 JUL/2018) for STC SA00352BO.
All	work done in accordance w	vith AC43.13-1B Chapter 10, Chapter 11	sections 3-13, Chapter 12 sections 1 & 2 and
AC	43.13-2B Chapters 1, 2 & 3	Installed per Avidyne Master Drawing	List AVAXP-005 Rev 06 dated July 18, 2018
_ Av	idyne AXP-340 Installation	Manual 600-00308-000 Rev 03 dated Ja	inuary 26, 2017. The Transponder test and
ins	pection per FAR 91.413 Par	rt 43 Appendix F was performed this da	ate.
Inc	tructions for Continued Airs	tem has been shown to meet the equipme	ent requirements of 14 CFR 91.277.
— Ma	nual Supplement 600-00309	2-000 Rev 02 dated April 10, 2019 has be	ctober 4, 2016 and an FAA Approved Flight een added to aircraft's records. Avidyne AXP-
340	Pilot Guide 600-00302-000	Rev 02 has been provided by the Manu	facturer and remains with the aircraft. Aircraf
— Equ	sipment List has been update	ed, Weight & Balance has been amended	Hacturer and remains with the aircraft. Aircraft
Avi	dyne IFD5000 have been C	Configured as follows: Cirrus SR-22 Turk	bo G3, PMA-8000B(T), AXP340, MLB-700
(do	not disable, as it still is kind	d of working although the system technic	cally went dead December 2017), WX-500 To
— Ant	enna, KGP 560, Skywatch	Traffic, NO ADF/ NO DME, DFC-100 I	Release 2, itch/PitchTrim/RollTrim
AH	RS -2, N770CT sn: 2927.		
The	aircraft and/or component in	dentified above have been inspected in a	accordance with the current maintenance rules
$ \begin{vmatrix} of t \\ - \end{vmatrix}$	he Federal Aviation Regulati	ions and is approved for return to service	
	A CRS ZL6R006Y S	igned:	AV-04177
FA	the superior transfer that the same of the		



NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

		N770CT	12/12/2018
		Nationality and Registration Ma	ırk Date
Removed Garmin GTX-327 011-004 astalled Avidyne AXP-340 Transport TC SA00352BO issued April 9, 20 A00352BO. he AXP340 Mode S panel mount to an ansponder, with support for extending the first to ETSO C112d, ETSO C16 Il work done in accordance with AC apters 1, 2 & 3. Installed per Avidyidyne AXP-340 Installation Manual fire used was Mil-W-22759 20-24 gectrical Buss and labeled "XPNDR the existing King ACK A-30 Encountry." (used by the previous transponder test and inspections are on file at this Repair Station in installed ADS-B OUT system In a system III and III and III and III are the installed ADS-B OUT system III and III and III and III and III are the III and III are the III and III are the III and III and III are the III and III are the III and III are the III are the III and III are the III ar	pronder 200-00247-000 sn: 01418 into Aircraft is on the Approved Moransponder is an ED-73E and DO led squitter, elementary surveillant. The AXP340 meets the relevant 36b, TSO C112d and TSO C166b inc. 243.13-1B Chapter 10, Chapter 10 yne Master Drawing List AVAXP-10 al 600-00308-000 Rev 03 dated Jagge. Power was supplied through it. The Transponder used the exister for Gillham Altitude data, Airbotonder). GPS Source data provide in per FAR 91.413 Part 43 Apper on our WO# AV-04177 and an er	del List (AVAXP-006 Rev 2 J -181E Class 1 compliant Moc ce and SI codes. The AXP34 it environmental requirements - 1 sections 3-13, Chapter 12 s 005 Rev 06 dated July 18, 20 anuary 26, 2017. In a 3A Klixon circuit breaker of string Transponder Antenna and orne Sense information received by existing Avidyne R9 WA indix F was performed this da antry was made in aircrafts Air	de S level 2es datalink 0 is also a DO-260B Class s of DO-160G/ED-14G, and is ections 1 & 2 and AC 43.13-2 018 on the aircrafts Avionics and coax. Transponder is wire eved from the existing Pressur AAS GPS Receiver. te. Details of this inspection/
ner than for regulatory periodic fur	nctional checks, maintenance of the	ne AYP 340 is on condition of	VIBREMOA!
tructions for Continued Airworthin oplement 600-00309-000 Rev 02 st installation checkout procedure was completed dyne AXP-340 Pilot Guide 600-00	ess AVAXP-007 Rev 02 dated 00 dated April 19, 2018 has been ad as described in the Avidyne AXP 0302-000 Rev 02 has been provided.	ctober 4, 2016 and an FAA A ded to aircraft's records. -340 Transponder Installatio	pproved Flight Manual n Manual 600-00308-000 Re
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ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N770CT Cirrus SR22 Airframe Total Time: 0646.5 S/N: 22-2927 04 January 2019 Flight Hobbs: 0646.5 Hobbs Meter: 0768.6 100 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. BT100AV triple/3195/N770CT-1-4-19-1, dated 01/04/2019 on file. ELT battery due June 2020. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose gear fork for condition and security and checked side tension, no defects noted. Inspected left and right main wheel brake disks, calipers, and linings for condition and security. Inspected nose and main wheel fairings for condition and security. Hydrostatic test of oxygen cylinder competed by DOT, Inc. Reinstalled regulator and serviced bottle as needed. Leak check satisfactory. Next oxygen bottle hydrostatic test due November 2023. Inspected flight surface TKS panels and system for components condition and security. CAPS system for component condition and security, no defects noted. Inspected cabin fire extinguisher for condition and security and performed 30 days cabin fire extinguisher weight check, no further defects noted, bottle weight 504.1 grams. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate Inspection) by inspecting the nose landing gear assembly upper gusset plates for cracks as outlined in Service Bulletin. One crack noted in left side of upper gusset plate, within acceptable limits, no corrective action required. Next upper gusset plate inspection due at Flight Hobbs: 746.5. AD's checked through Biweekly 2018-25. Cleaned aircraft exterior, cleaned windscreen and cabin windows and vacuumed seats and interior. Post inspection ground run-up and systems operational check good. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 IA

w/o 39607

AIRCRAFT TI	
n5-2020 7	145 hr. Frentity that I have inspected this aircraft and findit in safe condition for a one-Time
	and findit in safe condition for a one-Time
	ferry flight day time VFR
	869 EA
	N770CT SANTA FE ALIGNOS SERVICES AVIONICS • MAINTENANCE • SALES
	121 Aviation Dr. • Bldg 4002 • Santa Fe NM 87507
	Date:07/22/2020 Make:CIRRUS Model:SR-22 S/N:2927
	Flight: 0650.9 Hobbs:0744.6 TTAF:0744.6
	 GAINED ACCESS TO AND REMOVED PARACHUTE LINE CUTTERS, P/N 26707-001 IRRL 0912 MFG. DATE 09/2013 S/N'S 5312&5262. VERIFIED APPROX. 8 SECOND DELAY FROM ACTIVATION TO FIRING. VERIFIED THREE LINK ASSEMBLY IS CORRECT. INSTALLED NEW LINE CUTTERS P/N 26707-001 RRL 0320 MANUFACTURE DATE 03/2020 S/N'S 16487& 16420 IAW CAPS COMPONENT MAINTENANCE MANUAL CHAPTER 95-01-01 MAINTENANCE PRACTICES FOR LINE CUTTERS. LINE CUTTERS NEXT DUE 03/2026.
	Arturo Torres A&P2834035
	Work accomplished at Santa Fe Aero Services, LLC. Reference work order # SO-20-0138

INSPECT INSPECT ASSEMB	W/O 11394 N770CT TACH AND TT 650.7 ENGINE NEW 650.9 PROPELLER SNEW 650.9 ED AIRCRAFT PER FAR 43 APPENDIX D AND SR22 MAINTENANCE MANUAL TION FORM. COMPLIED WITH SB-2X-32-19 R3 INSPECTED NOSE LANDING GEATLY UPPER GUSSET WITHIN LIMIT LY UPPER GUSSET PLATES. ONE CRACK ON LEFT UPPER GUSSET WITHIN LIMIT AT 750.9. REPLACED NUMBER 2 POWER SUPPLY BATTERIES. REPLACED EI Y, DUE FEB. 2027. REPLACED RIGHT TAIL PIPE WITH NEW 22-615002
CHECKE	Y, DUE FEB. 2027. REPLACED ROOM THE THE THE PROPERTY OF STREET OF
MOUNTA 20 FOXT 719-589-9	AIN VIEW AEROMOTIVE ROT TAXIWAY DEL NORTE CO 81132 10100 RONALD L ECORD 11 1691976
	8-25-10 WO 11456 N770CT HOBBS 774.6
	INSTALLED NEW AIRCRAFT BATTERY. PN G-243 SN G03037477 OPS CHECKS GOOD.
	MOUNTAIN VIEW AEROMOTIVE MARTIN GOLDEN 20 FOXTROT TAXIWAY DEL NORTE, CO
	719-589-9100 A&P 2825930