N628TL #1
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# Aircraft Log TABLE OF CONTENTS TC # A00009CH

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	AIRCRAFT DESCRIPTION	i
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Aero Products Corporation

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### AIRCRAFT DESCRIPTION

THO IT	
NUFACTURER CIRRUS DESIGN CORP. MODEL SR-ZZ	DATE OF MFG. Jav. 10
RIAL NUMBER REGISTRATION NUMBER NG 2872	
SISTERED OWNER	Inspection Status (Check one)
STREET ADDRESS	(Check one)
CITY, STATE, ZIP	F.A.R. 91.409 ANNUAL/100 HOUR
RATOR	
STREET ADDRESS	F.A.R. 91.409 PROGRESSIVE
CITY, STATE, ZIP	
ISTERED OWNER	F.A.R. 135.419 A.T.C.O.
STREET ADDRESS	F.A.K. 135.419 A.I.C.O.
CITY, STATE, ZIP	OTHER
RATOR	DATE ENTERED
STREET ADDRESS	
CITY, STATE, ZIP'	MAINTENANCE RESPONSIBILITY -



**INSTALLED EQUIPMENT** 

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	IO-550N R	100/2/7
ENGINE		R	
PROPELLER	HARTZELL PROPELLER INC.	PHC-JZYIF-IN	NJ147B
PROPELLER		3377 14	/(4/1/4)
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INSTALLED EQUIPMENT

	INSTALLED EQUIT	IVILIAI		WW. GOTT / LETEII/ (TTOTA)							
ITEM	MANUFACTURER	MODEL	SERIAL NO.	DATE	DESCRIPTION OF ALTERATION	N					
ENGINE		R L									
ENGINE		R L		THE	FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE						
PROPELLER				SA(	MBER HAS BEEN INSTALLED ON THIS AIRCRAFT 02013CH SAO1708SE						
PROPELLER					19.0						
ENGINE				CDC Cirri	us Design Corporation Duluth, MN USA						
ENGINE				PC#	338CE						
PROPELLER					_						
PROPELLER											
ENGINE											
ENGINE					,						
PROPELLER											
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PROPELLER											
PROPELLER											

#### MAJOR ALTERATIONS

### MAJOR ALTERATIONS

MAJOR ALTERATIONS	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS									
DATE DESCRIPTION OF ALTERATION	NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION T	IME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.		
			Life Limit	ed Parts SR2	.2					
		PART NAME	PART NUMBER	W. S.	EXP	IRES _				
		CAPS Rocket Motor	21814-001			2019 -				
		CAPS Parachute	20331-001	S/N 3950	07/2	,				
		CAPS Reefing Line Cutters	5212	TOSO 8 H C LOT - 05	x03 5 08/6	.   -				
		ELT Battery Pack	455-6608	Date Installed	0870					
		EMA Controller, AAIR	20902-001	12/2009 04/14/09-1	122					
		CO Detector	24660-002		05/6	2016				
				S/N_70681	1 12/2	2016 -				
	1	Pilot Seat Inflator Assembly	20902-002	S/N/0100	W 4/1/6					
		Co-Pilot Seat Inflator Assembly	20902-002	2 AASI 1186 S/N/0085	W					
	A14.11		ŀ		4/1/	2017				
	ASSEMBL	y 100N00Z0-4	MF6 DATE!		XPIRATIONS					
			08/09		8/2024					

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

	LII		LUTANIS	011 0 1 2111	LIFE LIMIT	REMOVAL	AGENCY		I ITEM	DATE & HRS.	METHOD OF	TVPE CT : -	OLLLIIII CO	INITETANCE RECORD
NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	OR T.B.O.	DATE/HOURS	CERT. NO.	A.D./BULL. NUMBER	ITEM AFFECTED	AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
\$										1/27/10	Searched AI issue <b>2010</b> -	D's through	bi-weekly	11 001101
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AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

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

05	AIRWOR	THINESS	DIRECTIVE/F/	ACTORY B	JULLETIN COL	MPLIANCE RECORD	F.A.R. 91.411								
A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.	DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPR( AGENCY	ROVED BY: CERT. NO.
#							re be	I certify that the altimereporter test required been performed and for E & F and AC 43-6  TESTED TO 25,	by FAR's 91. found within the	1.411, 91.413, & the limits of FAF	& 91.217 have AR 43 appendices	es			<u> </u>
					†		T	NESTED TO 25.	,000 <b>r</b>	TEEL ON 18	2/10/0			1	
							T	Transponder: Mf Model:	îg <u>Garmir</u> GTX-33	1 P/N 2465 S/N 8920	13 09380				
							A	Air Data Comput S/N <u>2</u>	ter: Model <i>060 76</i>	GDC74A 203.	_P/N_24651				
							A	Altimeter: Mfg _\ S/N _\(\alpha\)	United P/ 178047		<u>3</u>	*			- 1
							C	CDC Quality Assu Cirrus Design Cor <b>PC# 338CE</b>	urance rporation D	Ouluth, MN U	on <u>121/6/09</u> USA	7			
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#### ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

		71211	F.A	.R. 91.41				1	RADIO & ELECTRONIC CHECKS							
 DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVEI AGENCY	D BY: CERT, NO. DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.		
H U 9 F 2 A A	12780 E of 628TL Cirrus States 18.2 Inited Instrument 1.411 Part 43 Apprehensive 2, 2012. States of Avionics on out ircraft's Pitot and States aircraft and/or of aintenance rules of AA CRS ZL6R00	Control To SR-22 sn: Altimeter 5 See their 813 In has been to Jur WO # AV Static system Component in	5934AD-3 sn: 35K' by Cente 0-3 issued this ested per FAR 7-02525 dated as have been dentified above 1 Aviation Reg	A78047 has nnial Instrumed date. Garmi 91.411 Part February 6, 2 tested per FA e has been in gulations and	Februsheen tested a ents Inc. on in GDC-74A 43 Append 2012. See out R Part 43 A spected in actis approved	and inspected their WO# 8 A 011-00882 ix E to 25K's r 8130-3 issue appendix E. ecordance w	d per FAR 3602 dated -10 sn: by Arapahoe ued this date. ith the current service.									
I d d 4 C T m	12780 E 0 N628TL Cirrus S Hobbs: 318.2 The ATC Transpondate: February 6, 20 3 Appendix F. Do Order No. AV-0252 The aircraft and/or of aintenance rules of AA CRS ZL6R0	Control To SR-22 sn: der test and 012 on Gar etails of this 25. component in	inspection requirements of the control of the contr	uired by FAF sn: 89109386 ction are on f	Feb.  R 91.413 has and found lie at this Respected in a is approved	been comply we bear Station	lied with this with FAR Part on our Work with the current of service.									

RADIO & ELECTRONIC CHECKS

T	TYPE OF	ERROR OR	NEXT CHECK	CHECKED BY:								
	CHECK	RESULTS	DUE	SIGNATURE — CERT. NO.								
	ARAPAH	IOE AERO AVIO	ONICS									
E.	Control Tower Roa			799 6289								
SR-22 sn: 3595 January 27, 2011												
			oan	dary 27, 2011								
Svs	tem ID 2FA125293	(sw 0764.06)										
	oftware to Version		Service Rulletin	No 2V 22 06 D1	_							
29.	2011.	on per cirrus	bei vice Builetti	1 110. 2A-22-00 K1	_							
	ware Cirrus SR-22 C	onfig (0764 09 buil	d) Dual AHRS/S	Single ADC								
w l	Damper, GTX-33, M	(\$28034 Oil Temp \$	Sensor Config. C	O Guardian Ontine								
GI	OL -69A Option Oxy	020034 On Temp S	clisor Connig., C	O Guardian Option								
GDL-69A Option, Oxygen Option, Avidyne TAS 6XX Option resholds (1 Hi Sense/ 3 Lo Sense), Unlocked CHARTS, SVT and TAWS.												
esh	olds (1 Hi Sense/ 3)	gen Option, Avidyr	TAS 6XX Opt	ion	_							
esh	olds (1 Hi Sense/ 3 )	Lo Sense), Unlocke	d CHARTS, SVT	ion and TAWS.	_							
esh	olds (1 Hi Sense/ 3 l l Supplement to POI	Lo Sense), Unlocke H Supplement Section	d CHARTS, SV7	and TAWS.	-							
ua ua	olds (1 Hi Sense/ 3 l I Supplement to POI omponent identified	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda	and TAWS.	-							
esh ua r co	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
ua ua of	olds (1 Hi Sense/ 3 l I Supplement to POI omponent identified	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	and TAWS.	-							
esh ua r co	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.								
esh ua r co of	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	_							
esh nua r co	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
esh ua r co of	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
esh nua r co	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
esh ua r co of	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
esh ua r co of	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.	-							
esh ua r co of	olds (1 Hi Sense/ 3 l I Supplement to POI Imponent identified the Federal Aviation	Lo Sense), Unlocke H Supplement Section above has been inst	d CHARTS, SVT on. pected in accorda approved for ret	nce with the current turn to service.								

RADIO & ELECTRONIC CHECKS  TOTAL EQUIPMENT TYPE OF ERROR OR RESULTS DUE SIGNATURE—CEPT NO DATE TIME CHECKED CHECK CHECKED BY: DATE TIME CHECKED CHECK CHECKED DUE	CHECKED BY: SIGNATURE — CERT. NO.
TOTAL FUULPMENT DATE TOTAL TIME CITATION	SIGNATURE — LEKT. NO.
DATE TOTAL EQUIPMENT CHECKED CHECK RESULTS DUE SIGNATURE—CERT. NO.	STOTATORE CERTITION
ARAPAHOE AERO AVIONICS	
12780 E. Control Tower Road K-6 Englewood, CO 80112 3	02.700 (200
12/80 E. Control Tower Road R-0 Englewood, CO 80112.	03.799.6289
N628TL Cirrus SR-22 sn: 3595	anuary 27, 2011
Hobbs: 187.7	_
Garmin G1000 System ID 2FA125293 (sw 0764.06)	
Update Operating Software to Version 0764.09 per Cirrus Service Bull	etin No. 2X-22-06 P1
dated December 29, 2011.	
Base Operating Software Cirrus SR-22 Config (0764.09 build), Dual AHR	S/Single ADC
GFC 700 with Vaw Damper GTV 33 MS28024 Oil Terror Scott	S/Single ADC
GFC 700 with Yaw Damper, GTX-33, MS28034 Oil Temp Sensor Config	, CO Guardian Option
FIKI IPS Option, GDL-69A Option, Oxygen Option, Avidyne TAS 6XX (	Option -
Reset Marker Thresholds (1 Hi Sense/ 3 Lo Sense), Unlocked CHARTS, S	VT and TAWS.
Added Flight Manual Supplement to POH Supplement Section	1
The aircraft and/or component identified above has been inspected in account	dance with the surrent
maintenance rules of the Federal Aviation Regulations and is approved for	dance with the current
FAA CRS ZL6R006Y Signed: //// A supproved for	return to service.
FAA CRS ZL6R006Y Signed:	AV-02223

MAINTENANCE RECORD F.A.R. 43.9	MAINTENANCE RECORD F.A.R. 43.9
F AIRCRAFT TIME DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICATE NO. ON IN SERVICE OR APPROVED DATA USED WORK PERFORMED/RETURNED TO SERVICE.	NO. DATE OF AIRCRAFT TIME OF COMPLETION OF WORK PERFORMED OR APPROVED DATA USED  DESCRIPTION OF WORK PERFORMED WORK PERFORMED WORK PERFORMED/RETURNED TO SERVICE  OR APPROVED DATA USED
ARAPAHOE AERO AVIONICS  12780 E. Control Tower Road Englewood, Colorado 80112 303-799-6289 N628TL Cirrus SR-22 sn: 3595 March 25, 2010 Hobbs: 54.2 GARMIN G1000 System ID # 2FA125293 (0764.06) RMA X19669032 Removed GIA63W 011-01105-01 sn: 15W010929 (6.01) and installed GIA63W sn: 15W011514. Reconfigured GIA 63W #2 Software per Garmin Cirrus Perspective Line Maintenance Manual 190-	ARAPAHOE AERO  12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  2 February 2010 Flight Hobbs: 10.6 Hobbs Meter: 14.7  Cut away excessive length and reinstalled induction air filer duct, no further contact with engine cowing noted. Adjusted pilot's entry door striker plate, checked latch synchronization and lubricated latches as needed, operational check satisfactory.  L. John Wells A&P 3221132 w/o 28912, 28919
00920-00 Rev. E Section 7.3.1. Optional Equipment Configuration updated per Section 7.3.2 including Oxygen, FIKI Ice, GTX-33, GFC700 w/YD, CO Guardian, Avidyne TAS, Dual AHRS Single ADC. Verified normal operation of all systems and SVS, TAWS, CHARTS all work normal. 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-01936	ARAPAHOE AERO  12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry  12 February 2010 Flight Hobbs: 26.2 Hobbs Meter: 33.0  Completed 25 Hour Inspection this date using the Cirrus AMM 25 Hour Inspection Items as a guide.  Lubricated pilot's cabin door latches, operational check satisfactory. Checked flight controls and fairings.  Inspected, cleaned, resealed, and safetied fuel strainer. Inspected #1 aircraft battery. Serviced brake fluid
	reservoir. Inspected left and right main gear brake calipers and linings. Inspected main landing gear tires and serviced to specified pressure. Checked main wheel pant bolt torque. Serviced TKS reservoir. Post maintenance ground run-up and systems operational check satisfactory. Cleaned windscreen and cabin windows and vacuumed seats and interior.  L. John Wells A&P 3221132 w/o 28949

#### MAINTENANCE RECORD E A D 120

		F.A.R. 43.9				
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED		AGE WORK PERF	NCY & CERTIFICATE NO. ORMED/RETURNED TO SERVICE	DA <sup>1</sup>
	N628TL 17 March 2010	Flight Hobbs: 39.7 Hobbs Meg horn switch potentiometer. Stall war	22-3595 eter: 51.4 rning system	Airframe I	Log Entry	<del>  </del>
	N628TL 7 April 2010 Flig	ht Hobbs: 51.1 Hobbs Meter: ry door lower latch, checked latch syncactory.	D, COLORA 2-3595 65.5	Airframe Lo	g Entry	
	N628TL 3 April 2010 Flig Completed 50 Hour Instantion of #1 aircraft be spected nose and main old torque. Serviced oxy	ARAPAHOE AE TROL TOWER ROAD ENGLEWOOD Cirrus SR22 S/N: 22 tht Hobbs: 59.3 Hobbs Meter: spection this date using Cirrus 50 Hou pected, cleaned, resealed, and safetied attery. Serviced brake fluid reservoir. landing gear tires and serviced to spected gen system and check for leakage, no cabin windows and vacuumed seats ar L. John	D, COLORA 2-3595 75.1 r Inspection if fuel strainer. Inspected bra- cified prossur defects noted	tems as a guide. Checked electroke calipers and es. Checked mai	Checked flight olyte level and linings.	

#### MAINTENANCE RECORD F.A.R. 43.9

ATE OF IPI FTION AIRCRAFT TIME IN SERVICE

**DESCRIPTION OF WORK PERFORMED** OR APPROVED DATA USED

**AGENCY & CERTIFICATE** WORK PERFORMED/RETURNED

Airframe Log Entry

#### ARAPAHOE AERO

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

N628TL SR22 S/N: 22-3595 Cirrus Flight Hobbs: 93.3 14 September 2010 Hobbs Meter: 124.6

Removed standby air speed indicator (P/N: 13562-003, S/N: T5353S) and replaced with exchange air speed indicator (P/N: 13568-003, S/N: T54049). Checked pitot and static systems for leaks. No defects noted. Operational check satisfactory.

L. John Wells A&P 3221132

w/o 29740

#### ARAPAHOE AERO

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

N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry

17 September 2010 Flight Hobbs: 101.4 Hobbs Meter: 134.3

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing bolt torque. Adjusted and lubricated right and left door latches. Cleaned windscreen and cabin windows and vacuumed seats and interior.

\* Ulusell

L. John Wells A&P 3221132

w/o 29762

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 18 October 2010 SR22 S/N: 22-3595 Airframe Log Entry

Flight Hobbs: 123.7

Leveled aircraft and adjusted stand-by attitude gyro to be level in panel. Applied mylar tape to tight areas on glareshield to prevent chafing and replaced one screw. Operational check satisfactory.

L. John Wells A&P 3221132

w/o 29883

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 SR22 S/N: SR22-3595 Airframe Total Time: 139.4 N628TL Cirrus Flight Hobbs: 139.4 Hobbs Meter: 187.7 28 January 2011 100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions 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/N628TL-1, on file. ELT battery due December 2015. Inspected, cleaned, resealed, and leak checked fuel strainer. Charged #1 aircraft battery. Installed new nose gear strut bumper P/N: 18380-001. Performed nose gear fork lateral pull test, no defects noted. Serviced nose gear tire to specified pressure and balanced wheel assembly. Installed new left and right main gear tires P/N: 156E66-4. Torqued wheel halve bolts, serviced tires to specified pressure and balanced wheel assemblies. Cleaned affected areas and reinstalled main gear strut fairing supports using new Cirrus double-sided tape P/N: 50641-025U. Installed new Bracket induction air filter element P/N: BA24. Next induction air filter element replacement due January 2012 or Hobbs Time: 339.4. Inspected oxygen system for component condition and security. Inspected TKS system for component condition and security. Complied with Am Safe post seat installation test, no defects noted. Serviced TKS reservoir. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by inspecting unit for corrosion and application of MIL-C-81309 Type III corrosion inhibitor. No corrosion noted. Complied with Cirrus SB 2X-27-09 R1 (Stall Warning Annunciator) by installing new electrical wire into connector plug and performing wiring operational check, ground operational check and flight test as outlined in Service Bulletin, no further action required. 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 upper gusset plates for cracks as outlined in Service Bulletin. Installed Cirrus nose gear reinforcement bolt Kit P/N: 70238-001 and tightened bolt to specified torque, no further forward cross tube

weld inspection required. Next upper gusset plate inspection due Flight Hobbs: 239.4. AD's checked

vacuumed seats and interior. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN

through Biweekly 2011-02. Cleaned aircraft exterior, cleaned windscreen and cabin windows and

ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. & Jhulls

L. John Wells A&P 3221132 IA w/o 30186, 30191

#### MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO. DESCRIPTION OF WORK PERFORMED PERSON AND PRETIDENT TO SERVICE TO SERVICE ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing axle screw torque. Serviced TKS reservoir. Cleaned windscreen and cabin windows and vacuumed seats and interior. L. John Wells A&P 3221132 w/o 30426 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry 23 May 2011 Flight Hobbs: 162.5 Hobbs Meter: 219.9

Installed new pitch control rod end (P/N: 11315-004) on left control yoke. Reassembled using original hardware and new safety. L. John Wells A&P 3221132 w/o 30567

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 SR22 13 June 2011 S/N: 22-3595 Airframe Log Entry Flight Hobbs: 164.4 Hobbs Meter: 223.8 Wheel pants removed. Installed new Goodyear FC III tires (P/N: 156E66-4) on both mains. Balanced wheel and tire assemblies. Reinstalled wheel assemblies using original hardware and new safeties.

L. John Wells A&P 3221132

w/o 30663

DESCRIPTION OF WORK PERFORMED AGENCY & CERTIFICATE NO. AIRCRAFT TIME WORK PERFORMED/RETURNED TO SERVICE IN SERVICE OR APPROVED DATA USED ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry Flight Hobbs: 124.3 Hobbs Meter: 163.1 20 October 2010 Inspected nose wheel assembly and installed new nose wheel tire P/N: 505C66-5 and tube P/N: 092-308-0. Replaced main tire tubes with P/N: 097-500-0. Serviced all tires to specified pressure, and balance wheel assemblies. Cleaned and inspected axle and reinstalled wheel and brake caliper assemblies using original hardware and new safeties/ & Chull L. John Wells A&P 3221132 w/o 29890 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD; ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL IO-550-N(61)B S/N: 1001217 **Engine Log Entry** Continental 15 March 2011 Flight Hobbs: 147.0 Hobbs Meter: 199.8 Cleaned both connectors at the engine for the oil pressure indicator and applied Stabilant 22. Engine ground run and operational check satisfactory. Hould w/o 30370 L. John Wells A&P 3221132

#### MAINTENANCE RECORD F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

AGENCY & CERTIFICATE NO. TO SERVICE

#### ARAPAHOE AERO

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

N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry

April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8

Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and safetied fuel strainer. Checked electrolyte level and condition of #1 aircraft battery. Serviced brake fluid reservoir. Inspected brake calipers and linings. Inspected nose and main landing gear tires and serviced to specified pressures. Checked main wheel fairing axle screw torque. Serviced TKS reservoir. Cleaned windscreen and cabin windows and vacuumed seats and interior.

L. John Wells A&P 3221132

w/o 30426

Airframe Log Entry

#### ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Cirrus

SR22 S/N: 22-3595 23 May 2011 Flight Hobbs: 162.5 Hobbs Meter: 219.9

Installed new pitch control rod end (P/N: 11315-004) on left control yoke. Reassembled using original

hardware and new safety.

L. John Wells A&P 3221132

w/o 30567

#### ARAPAHOE AERO

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

SR22 S/N: 22-3595 13 June 2011 Airframe Log Entry Flight Hobbs: 164.4

Hobbs Meter: 223.8

Wheel pants removed. Installed new Goodyear FC III tires (P/N: 156E66-4) on both mains. Balanced wheel and tire assemblies. Reinstalled wheel assemblies using original hardware and new safeties.

L. John Wells A&P 3221132

w/o 30663

## MAINTENANCE RECORD

		MAINTENANCE RECORD F.A.R. 43.9		1		MAINTENANCE RECORD F.A.R. 43.9	
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5 July	N628TL y 2011 Flight led new AeroTect of	Hobbs: 186.4 Hobbs Meter: 248.6  In left side of nose pant at tow pins.  L. John Wells A&P 3  ENG/PROP DYNAMICALLY BALANG  POLAR PLOT - 1.0 IN/S FS —  Operator  Adjusted magneto to Left @ + 5 degrees degrees to Both @ normal of 22 degree ignition lead end spin numerous airleaks in Performed a dynam IAW FAA APPROVE Instruction #145 and document A49 PROVE Instructio	CED Comments o engine timing from and Right from +1.8 -1 degree from es BTDC Cleaned rings and sealed in baffle seals. Ic propeller balance ED Hartzell Service I Chadwick Helmuth -2 dated 12 June errovib II equipment AN-MV2 Prop Rev. al IPS of .527 @ 50 016 IPS @ 2569 N hardware balance sear bulkhead 5069 Aviation ont Ave Hangar 7 29 37 Cell: 715 491 initionvibes.com	9 Aug Comp flight of #1 service Check good.	pleted 50 Hour Incontrols and fairing aircraft battery. Seed to specified presented main wheel fair Cleaned windscreed EAST CON628TL	ARAPAHOE AERO ONTROL TOWER ROAD ENGLEWOOD, COLOR Cirrus SR22 S/N: 22-3595 Flight Hobbs: 0222.7 Hobbs Meter: 029 tor relays, P/N: 50288-001 and verified flap position	Airframe Total Time: 139.4  items as a guide. Checked fuel strainer. Checked security nain landing gear tires and rake calipers and linings. I systems operational check erior. P 3443687 w/o 30923  CADO 80112 (303) 799-8386 Airframe Log Entry
		Jill Barker	MOL 5/22069		I .		I .

	MAINTENANCE RECORD F.A.R. 43.9		<b>f</b>			NANCE RECORD A.R. 43.9		
DATE OF AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE		WORK PERFORMED ED DATA USED	AGENCY & CERTIFICATE WORK PERFORMED/RETURNED	
N628TL 7 February 2012 100 Hour/Annual Instruction form and the Precise Tested Artex ME406 defects noted, Beacon ELT battery due Deconoted. Performed TV AUTOFLIGHT GSM test of servo clutches 27-16 R1 (Flap Actual in Kit No. P/N: 70255 Service Bulletin Instruction forms (SB) No. SB 2 landing gear upper gust inspection due Flight brake reservoir. Instal 06200. Cleaned affects sided tape P/N: 50641 induction air filter electrical services.	ARAPAHOE AERO ONTROL TOWER ROAD ENGLEWOOD, COLORAL Cirrus SR22 S/N: 22-3595 Air Flight Hobbs: 233.8 Hobbs Meter: 318.2 Inspection completed this date using the Cirrus SR22 Mise Flight Oxygen System STC Instructions for Continued ELT per FAR 91.207(d) using WS Technologies beacon Test Report No. BT100AVtriple/3195/N628TL-22012 Execember 2015. Performed functional test of Aircraft Dav VS fuse inspection, no defects noted. Performed 24 Mon M86 servo clutch test, pitch, roll and yaw servos within a Execute Servo Clutch test, pitch, roll and yaw servos within a Execute Servo	ADO 80112 (303) 799-8386 Airframe Total Time: 233.8  Maintenance Manual Inspection ed Airworthiness as a guide. con measurement equipment, no 12 dated 02-01-2012 on file. Data Logger System, no defects onths/1200 hours: Cirrus 22-00 allowable limits. Next clutch aplied with Cirrus (SB) No. 2Xing on actuator shaft as provided lap settings and operation per heck, no defects noted. The craft battery and performed 24 (2) new #2) aircraft batteries (Hobbs: 733.8. Complied with te) by inspecting the nose noted. Next upper gusset plate test, no defects noted. Serviced ake caliper linings P/N: 066-ts using new Cirrus doublement P/N: BA24. Next ime: 318.2. Inspected oxygen	7 F Ins check Instruction and Serv with unit and duct ground cabin INSI	N628TL Stalled (2) new TKS stalled (2) new TKS stalled new right TKS full quantity indic viced TKS reservoir Cirrus (SA) No. stor corrosion per St weight checked co those insulation bland run-up and syst n windows and vac PECTED IN ACC	Cirrus SR22 Flight Hobbs: 233.8 (Continue S filters P/N: 26115-101, clear replacement of TKS filter S dial P/N: 21992-201, and ation checks and low pressurirs. Complied with Am-Safe SA 06-06 (MCU Corrosion Service Advisory and applying ckpit fire extinguisher, no deanket P/N: 70194-001. AD's tems operational check good. Coumed seats and interior. I CORDANCE WITH AN AN OUTHY CONDITION.	S/N: 22-3595 Air Hobbs Meter: 318.2  led) (Page 2) eaned and reinstalled line file rs due February 2014 or File diperformed FIKI System flue are switch and flow transduct re post seat installation test, in Inspection) by removing being Corrosion Inhibitor, no collefects noted. Installed new reschecked through Biweekly d. Cleaned aircraft exterior, CERTIFY THAT THIS A	Iter and primed and leak Flight Hobbs: 1433.8.  aid level sensor check, empty eer check, no defects noted.  no defects noted. Complied MCU cover and inspecting corrosion noted. Inspected cabin fresh air SKEET air by 2012-02. Post inspection cleaned windscreen and AIRCRAFT HAS BEEN ND WAS DETERMINED	

### MAINTENANCE RECORD

		F.A	\.R. 43.9			1
DATE OF COMPLETIO	AIRCRAFT TIME IN SERVICE		VORK PERFORMED D DATA USED	AG WORK PER	ENCY & CERTIFICATE NO. RFORMED/RETURNED TO SERVICE	DAT
	N628TL  2 June 2012 Fli Completed 50 Hour flight controls and fai of #1 aircraft battery. serviced to specified plants and failed new air filter	Cirrus SR22  ight Hobbs: 278.9 H  Inspection this date using rings. Inspected, cleaned, r  Serviced brake fluid reservers pressures. Serviced brake fr  r. Post inspection ground reservers and vacuumed servers.	S/N: SR22-3595 obbs Meter: 374.8 Cirrus 50 Hour Inspectoresealed, and leak check voir. Inspected nose and luid reservoir. Inspectorun-up and systems ope	Airframe Too tion items as a guide ked fuel strainer. Cond and main landing gea ed brake calipers an trational check good	e. Checked Checked security ar tires and d linings.	11111
ARAPAHOE AERO  12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386  N628TL Cirrus SR22 S/N: SR22-3595 Airframe Total Time: 3: 26 September 2012 Flight Hobbs: 320.8 Hobbs Meter: 431.5  Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Checked flight controls and fairings. Inspected, cleaned, resealed, and leak checked fuel strainer. Checked sec of #1 aircraft battery. Serviced brake fluid reservoir. Inspected nose and main landing gear tires and serviced to specified pressures. Serviced brake fluid reservoir. Inspected brake calipers and linings. Prince inspection ground run-up and systems operational check good. Cleaned windscreen and cabin window and vacuumed seats and interior.  Randy J. Knox Jr A&P 3227973 w/o 324						
	1			1		

#### MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO.

DESCRIPTION OF WORK PERFORMED AIRCRAFT TIME OR APPROVED DATA USED IN SERVICE WORK PERFORMED/RETURNED TO SERVICE ARAPAHOE AERO AVIONICS 12780 E Control Tower Road Englewood, CO 80112 303.799.6289 N628TL Cirrus SR-22 sn: 3595 December 3, 2012 Hobbs: 457.7 Upgraded Garmin G-1000 Operating System Software to Version 0764.15 per Cirrus Service Bulletin No. SB 2X-42-08 R1 dated June 27, 2012. Cirrus SR-22, Dual AHRS/Single ADC. GTX-33, GFC700 with Yaw Damper, ESP Option, Avidyne TAS, GDL-69A, CO Guardian, Oxygen, FIKI Analog Option, MS Oil Temp Sensor, In-Console Fuel Quantity Indicators. GMA 347, Marker Beacon threshold High 1 / Low 3. Unlocks: CHARTS, TAWS, SVS, ESP

maintenance rules of the Federal Aviation Regulations and is approved for return to service. FAA CRS ZL6R006Y Signed: AV-02785

#### ARAPAHOE AERO

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

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Cirrus SR22 S/N: 22-3595 Airframe Log Entry 2 January 2013 Flight Hobbs: 0342.1 Hobbs Meter: 0463.3 Inspected alternate air components. Removed upper scat hose, lubricated butterfly valve pivot bushings. Rotated lower hose lamp on scat hose on underside of valve. Operational check satisfactory. Greg Sickafoose A&P 3443687 w/o 32711

DATE OF AIRCRAFT TIME COMPLETION IN SERVICE	MAINTENANCE RECORD F.A.R. 43.9  DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	1	AIRCRAFT TIME	INSPECTION RECORD  F.A.R. 43.11-91.409  KIND OF INSPECTION-STATUS & DISCREPANCY LIST  SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
N628TL 15 January 2013 Completed 50 Hour II flight controls and fairi of #1 aircraft battery. serviced to specified pri inspection ground runand vacuumed seats an  12760 EAST N628TI 23 January 2013 Removed right controls	Inspection this date using Cirrus 50 Hour Inspection iterings. Inspected, cleaned, resealed, and leak checked further Serviced brake fluid reservoir. Inspected nose and main pressures. Serviced brake fluid reservoir. Inspected brake rup and systems operational check good. Cleaned wind and interior.  L. John Wells A&P 32  ARAPAHOE AERO  T CONTROL TOWER ROAD ENGLEWOOD, COLO  L. Cirrus SR22 S/N: 22-3595  Thight Hobbs: 364.8 Hobbs Meter: 409. Cabin door interior panel and disassembled lock assembly embled door, operational check satisfactory.	Airframe Total Time: 344.4  ems as a guide. Checked lel strainer. Checked security in landing gear tires and ke calipers and linings. Post discreen and cabin windows  3221132 w/o 32749  DRADO 80112 (303) 799-8386  Airframe Log Entry  1.6  ly. Cleaned and lubricated inner	27 Dec 69	1.6 hr	Production Flight Test accomplished in accordance with Cirrus Procedure #90502.  Name: Brett Schelde Date 270cc07  Signature: Signature: Signature: Date 270cc07  Title: Production Flight Test Pilot  I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated IAN /29 /2010.  The next inspection is due JAN /21 /2011.  Troy J. McDonald DMIR-830296-CE	

### INSPECTION RECORD F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

### **N628TL**

LOG BOOK CLOSED

23 January 2013

CIRRUS SR22 S/N: 3595