

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.	
ENGINE	Teledyne Continental Motors		R 917486	
ENGINE			R	
PROPELLER	Teledyne Continental Motors Hartzeil Propeller Inc	PHK-J34F-IRF	FP3346B	
PROPELLER			1 05700	
ENGINE			Evenue 1	
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PROPELLER			1 82 199 199	
PROPELLER			anticipation and a second second	
ENGINE				
ENGINE			BACTAR .	
PROPELLER				
PROPELLER			RAL INCOME.	
ENGINE			I NCINE	
ENGINE			E-CO-S	
PROPELLER			191075	
PROPELLER			SILL PROFIL	

	MAJOR ALTERATIONS				DADTS (EQUIREME	INTS
DATE	DESCRIPTION OF ALTERATION	NAME OF PART		SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
					Life Limit	ted Parts SI	R22		
			I	PART NA	ME PART N Motor 15047	UMBER	E	XPIRES 9-11-14	11/
			- 4	CAPS Parac	hute 20331	-001 SAN G	01545 54 H	11/19	AB 2738624
			0	ELT Batteri		300 Dat	e Installed	φ/ιφ φ3/μ	
		. EAPS Lothers Rocket Motor	29500-	0624	- 1/3/2011 2 431.3 9-11-2014 697.7	0	6 YEAN	6/24/2027	nh with
		Parachute	23574- 004-REB	01376R1	9-11-2014 697.7	- Ø	10 yrs	5. 9/ 4/2024	ATT
	<u>A</u>					-			-
				1		-			



AIRWO	AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD		AUTHORIZED SIGNATURE								U N			
	FECTED D	AT COMP.	COMPLIANCE	1 IIME/RECOR		CERTIFICATE NO.	DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK	APPROVED BY: AGENCY CERT. NO.
NUMBER AFF							DATE					-		
=	-			-										
	-													
-								T	certify that	the altimeter,	static system	n. transpon	der.	
			and the second					1	nd altitude r	reporter test r	equired by F	'AR's 91.4	11.	
-	-							a	1 112 & 01	.217 have be	en preforme	d and found	1 _	
1	-						-	9	1.415, & 91	mits of FAR 4	13 appendice	s E & F an	d	
									AC 43-6A.	ints of I Ait -	+5 appendice			
								P	TESTED TO	18 000	FEET O	V 12-16-	2004 -	
-	-						1	1	ESTED IC	er: Mfg \cdot Gar	min P/N 1	5066		
	-						-	1	ransponde	odel: <u>GTX-3</u>		c37151	92.	
									IVIC	odel: <u>GIA-3</u>	<u>550</u> 5/14 _	0/1100		
Ī	-							- F	Encoder: M	odel <u>ACK</u>	_P/N_A-30_	S/N 932	08	
-				BE						Mfg <u>Avidyne</u>				
	-		and the second second				1	F	Animeter: r	(PFD) <u>15222</u>	001 S/N 7	15844	icit	
									MC. IL.	(PFD) <u>13222</u> ed P/N <u>12731</u>	002 S/N	44175	0/	
-	+								Mig Unite	ed P/IN 12731	<u>-002</u> 3/1N	441 10	<u> </u>	
-											4	10/	11 (21)	
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	-						+			gn Corporatio	on Duluth, M	IN USA		
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RADIO & ELECTRONIC CHECKS



				LECTRONIC	INECKS	- Carlo				
DATE	TOTAL	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK				MAINTENANCE RECORD F.A.R. 43.9	
					DUE	CHECKED BY: SIGNATURE CERT. NO.	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	C.A.K. 43.7 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERV
								MAKE Cirrus MODEL SR22-G2 S/N 22-1245 REG NO 514BR WORK ORDER 2797-12-2004	Cirrus Design Factory Service Center Repar Staton No YDSR855Y 4355 Taylor Circle Dudut M4 55811 Phone 218-788-3101	DATE 12/30/2004 A/CTSN HOBBS 7.2
			-					(1) Re-applied latex caulk t elevator IAW standard man	to wing root fairing caps IAW standard maintenance practices (2) Cleaned & rem intence practice	noved dirt / debris from lower surface of right
								was repaired/inspected in	this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircr accordance with current requirements of the Federal Avation Administration and is at this Certified Repair Station CRS YD5R855Y	
							-	DATE: 12/30/2004	SIGNED: STEVE GJESSling Steve Goessing Certified Repair Station No. YDSR855Y	Work Order: 2797-12-2004
							8			
							Wir	ngs Aircrat	ft Maintenance, LLC	
							*			HOBBS 35.0
							INST GROU	ALLED NEW ROL JND, OK AT THIS	L TRIM MOTOR ASSY P/N 12546-001, SET TRIM TIME.	MOTOR, OPS CHECKED ON
							DATE	E 1-20-2005 SIGN	ED Sar Ra	AP553733790IA
							-			

DATE OF		MAINTENANCE RECORD F.A.R. 43.9	AGENCY & CERTIFICATE	<u></u>	MAINTENANCE RECORD F.A.R. 43.9	AGENCY & CERTIFICATE NO.
DATE OF COMPLETION	IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED CORPORATE Jets, Inc. 1400 Noth Alport Dive • Scottadae, Attorna 8520 • (480) 948-2400 N514BR Date: April 4, 2005 Detel # Cirrus SR22 G2 S/N 023337 124-5 HOBBS 55.7 AIRFRAME LOG ENTRY LG fork nut in accordance with SR22 M.M. 32-20. tt the above stated maintenance was performed in	AGENCY & CERTIFICATE NO WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION 06/03/2009	 F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED OBBS - SERVICED + INSTA BATTERY, P/N 6-243. Damie D- John 2806/21 # 19566 AVINITGARDE AVIN END	AFP
	for return t	e with the current FAR's and this aircraft is approved o service. W.O.023337 E JETS, INC. FAA CRS# LN3R663L				

10000 Cable

State - Card

MAINTENANCE RECORD Corporate Jets, Inc. 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N514BR Date: December 27, 2005 1 of 2 Model #Cirrus 22 G-2 S/N 1245 ACTT 104.1 S/N 917486 ETT 104.1 TCM IO-550-N(27) HARTZELL PHC-J3YF-1RF S/N FP3346B PTT 104.1

AIRFRAME LOG ENTRY

Accomplished 50/100 hour 6/12 month inspection in accordance with the manufacturers service manuals.

C/W 12 month ELT inspection per FAR 91.207(d). ELT must be replaced by Mar 2012.

C/W 12month induction system air filter replacement.

CW 30 day fire extinguisher inspection per instruction on bottle. No defects noted.

AD 2001-23-17 dated 12/28/2001, Garmin GNS 430, is not applicable to units installed in this aircraft by part number and serial numbers. No further action required.

AD 2005-18-20 dated 10/14/2005, Goodrich propeller De-ice boots(Fast Prop), is not applicable to the de-ice boots installed on this propeller by part number of the boots currently installed. No further action required.

C/W SB 2X-53-03 dated 8/17/05, tail tie down block by installing new kit p/n 70120-001.

12 0

N514BR Cirrus S/N SR22-1245 12/27/05 2 of 2

C/W SB 2X-57-06R1*dated 10/6/2005, flap hinge fairing replacement, by installing new inboard flap fairings p/n 16738-101 and mid flap fairings p/n 16738-102.

C/W SB 2X-28-04R1[®] dated 11/14/2005, fuel line chaffing, by inspecting the control console forward fuel lines, no problems noted. Installed Cirrus kit p/n 70133-001.

C/W SB 2X-57-05R1 dated 5/5/2005, aileron hinge bearing gap inspection, per SB instructions, no problems noted. Installed kit p/n 70105-001.

Installed the following new parts: Induction system air filter p/n BA-24. Several LH & RH side wellnuts p/n 50803-001 Propeller spinner p/n 13978-001

Removed LH elevator p/n 13760-001 REV. B s/n 2850. Installed new balanced RH elevator p/n same s/n 3507. Checked elevator travels, no problems noted. Adjusted the de-ice tubes to avoid chafing spinner. Tightened up exhaust ball joints by adding washers to the bolts.

Tightened and adjusted copilot's upper door latch. I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was found to be in an Airworth Condition. Reference Work Order: 024259

Maria Mach CRS# LN3R663L CORPORATE JETS, INC.

Corporate Jets, Inc. Date: January 8, 2007 1 of 2 N514BR Model #Cirrus 22 G-2 S/N 1245 ACTT 209.3 TCM IO-550-N,_7) S/N 917486 ETT 209.3 HARTZELL PHC-J3YF-1RF S/N FP3346B PTT 209.3 AIRFRAME LOG ENTRY Accomplished 50/100 hour 6/12 month inspection in accordance with the manufacturers service manuals.

C/W 12 month ELT inspection per FAR 91.207(d). ELT must -be replaced by Mar 31, 2012.

bottle. No defects noted.

C/W 24month/500hr #2 battery replacement p/n 50979-001.

--- C/W AD 2006-07-06 dated 5/11/2006, fuel line chafing, by previous compliance with SB 2X-28-04R1 dated 11/14/2005. on 12/27/2005, @ AFTT 104.1. Complied with visual inspection, no problems noted.

C/W AD 2006-21-03 dated 11/17/2006, Brake system fires, By modifying MLG wheel pants with inspection holes and 02/17/06

* C/W AD 2006-19-10 dated 10/24/2006, crew seats under emergency landing dynamics loads by Installing break over pi ____ kit p/n 70130-001 IAW SB 2X-25-17R1.

C/W SB 2X-71-12 R2[®]dated 07 Sep 2006, by removing the induction duct bracket, inspected & re-installed Induction duct.



Corporate Jets, Inc.

C/W SB 2X-52-04R2 dated 6/28/2006, by inspecting door strut and brackets, Installed diverter catcher kit p/n 70168-001.

Installed the following new parts:

Induction system air filter p/n BA-24. 9 ea Wellnuts p/n 50803-001 Nav Bulb p/n 7512-24 Support bracket p/n 15373-001 4 ea Rod ends p/n ML34-14MN 2 ea Door strut p/n 18200-003 Air filter cap p/n 50207-001 Prop spinner p/n C-3532-5P s/n AK-2919. 4 ea Brake caliper O-rings p/n M832461-1-222

Installed M20 400XL air oil separator IAW STC SA 02033AT dated 4/10/ 2006. Conrex, Inc. dba Burn-A-Rod Certified Welding, repaired #2 valve cover per STC drawing 304. See FAA form 8130-3 dated 1/2/2007, WO# 7364. See FAA form 337 & ICA dated January 8, 2007, for details of installation, Operational checks good.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was found to be in an Airworthy Condition. Reference Work Order: 025964 Daly CORPORATE JETS, INC. CRS# LN3R663L

MAINTENANCE RECORD MAINTENANCE RECORD F.A.R. 42 0 F.A.R. 43.9 AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVIS DESCRIPTION OF WORK I OR APPROVED DAT DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED AIRCRAFT TIME Corporate Jets, Inc. DATE OF Cirros SB2X-27-14 Complied with N514BR Date: May 3, 2007 2120 6/11/07 Ridder - aileron interconnect by instelling Model # Cirrus SR22 G2 S/N 1245 **HOBBS 228.0** 10187-001 ATAW bulletin instructions LAPEER AVIATION, INC. AIRFRAME LOG ENTRY F.A.A. Approved Repair Station No. L9PR971N DuPont Lapeer Airport, Lapeer, Michigan 48:46 C/W SB 2X-95-09 R1 dated 10 April 2007, inspected the CAPS parachute straps. Installed kit p/n 70142-001 an abrasion protective sheath over the LH fuselage strap at the Compled with CIGUS SBax-27-14R2 IAW shackle assembly. 9-20-07 258.7 bylletin instructions "Tw SB 2X-52-07RI by replaine C/W SB A2X-95-10R2 dated April 30, 2007, CAPS pickup collar support replacement by installing kit p/n 70151-001. door rods with kit TOIBG-001 IAW billeten I certify that the above stated maintenance was performed in Kosen Sun VISOIS STC#SADI2855E instructions. Installed accordance with the current FAR's and this aircraft is appreved. for return to service. W.O. CIR-226754 See form 337 this date, alla. LAPEER AVIATION, INC. FAA CRS1 LN3R663L F.A.A. Approved Repair Station No. L9PR971N CORPORATE JETS, INC DuPont Lapeer Airport, Lapeer, Michigan 48446

AIRCRAFT TIME COMPLETION IN SERVICE

DATE OF





MAINTENANCE RECORD F.A.R. 43.9		tor		MAINTENANCE RECORD	میں ایک
Corporate Jets, Inc.	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVIC
14500 North Airport Drive - Scottsdole, Alizario 6220 (400)		6/10/09	366,8	Replaced it brake linings, cy	Vinder o-rings and
Model #Cirrus 22 S/N 1245 HOBBS: 339.1				temp ladel. Brake ors checked	good My Com
AIRFRAME LOG ENTRY			~	EAA ADDOD	Repair Station No. L9PR971N
Removed and reinstalled #2 alternator after replacing a new plastic shaft p/n 13565-020 and new gasket p/n MS9134-01.				DuPont Lapeer	r Airport, Lapeer, Michigan 48446
in the state stated maintenance was performed in					1
accordance with the current FAR's and that aircraft is approved for return to service W.O. CIR 09-00123					
LATOMACK AVIATION FAA CR5# LN3R663L		-			
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					and the second
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LANDMARK A7 85260 · (480) 948-2400 14600 North Airport Drive . Scottsdale. 1 of 3 Date: January 13, 2010 N514BR Model #Cirrus 22 S/N 1245 HOBBS: 386.7 IO-550-N (27) s/n 917486 ETT: 386.7 HPHC-J3YF-1RF/F7693DFB s/n FP3346B PTT:386.7 AIRFRAME LOG ENTRY

Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the - manufacturer's recommendations.

100/200/300/ hour and 5 year lubrications

12 month Induction air filter replacement.

12 month FAR 91.207(d) ELT system inspection, no defects noted. ELT battery next due replacement: Mar 2012. Remote switch batteries due 2013.

- Annual seat belt inertial reels inspection

- Annual Transient voltage suppressors inspection/check

Annual control guadrant service.

1st Annual mount weldment, lower attach fittings and verify - torque. No defects noted.

- 500hour/5 year #2 Batteries replacement

500 hour/5 year Cabin Air control inspection/check

N514BR Cirrus SR 22 S/N 1245 1/13/2010 2 of 3 5 Year Rudder-Aileron interconnect bungee cord replacement 100 hour replacement of brake caliper O-rings no longer Air filter p/n BA-24 required per C/W SB 2X-05-01 dated 3/11/2009 that installs kit p/n 70227-002 and placing temp revisions in sec. 8 and 10 of the POH. AD 2009-26-01 dated 12/21/2009 anti ice fluid line separation #2 battery p/n 18615-001 is not applicable by aircraft s/n. AD 2009-16-03 dated 9/9/2009 exhaust area cracks and cylinder is not applicable bt TCM cylinders installed. AD 2009-05-05 dated 4/3/2009 'Erroneous PFD errors' is not applicable by s/n 22517204 is not on effectively list. LANDMARK AVIATION AD 2009-24-52E dated 11/18/2009 is not applicable by engine model and s/n and not on the affected list.

Deferred autopilot lighting IAW FAR 91.213(d) by installing placard ' Autopilot Lightning Inop'

Upon investigation of the main landing gear leg, Cirrus engineering has determined the horizontal lines in the leg are airworthy.

N514BR Cirrus SR 22 S/N 1245 1/13/2010 3 of 3

Installed the following new parts: Brake o-rings p/n MS83246-S-222 Air filter bracket p/n 15708-003

Left eyeball light p/n 50491-002 Eyeball light assembly p/n 12457-001 Shock Cord p/n 17983-001

LH Weldment support bracket p/n 20140-002,

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was found to be in an Aipworthy Condition. W.O. C29-09-00370

FAA CRS#LN3R663L

Serviced battery #1 Insepted brakes, replaced left 10-15-10 416-1 TAK-Drate linings

ON RECORD

PECTION - STATUS & DISCREPANCY LIST

ERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

LAPEER AVIATION, INC.

F.A.A. Approved Repair Station No. LOPPO71N

DuPont Lapeer Airport, Lapeer, Michigan 48446

3.11-91.409

INSPECTIO INSPECTION RECORD LANDMARK F.A.R. 43. F.A.R. 43.11-91.409 KIND OF INSPE SIGNATURE - CERT. NO. OF PEF KIND OF INSPECTION - STATUS & DISCREPANCY LIST AIRCRAFT TIME AIRCRAFT TIME SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE DATE 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 419.5 Removed & Replaced both left and right Main DATE Date: January 3, 2011 1 of 2 12/2010 N514BR LANDMARK Model #Cirrus 22 S/N 1245 tires with Goodyear 15×6.0-6 6 ply. Torqued HOBBS: 431.8 IO-550-N (27) s/n 917486 ETT: 431.8 wheel halfs to spec & fired per P.D.H. Installed 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 HPHC-J3YF-1RF/F7693DFB s/n FP3346B PTT:431.8 N514BR Date: 12/20/2010 Wheels and cotter praned. Ground ops check good. AIRFRAME LOG ENTRY Model #: Cirrus SR22 S/N: 1245 Nucholas Tents Att 3285957 -- END Hobbs: 431.8 Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the AIRFRAME LOG ENTRY manufacturer's recommendations. I certify that the ATC Transponder has been tested as required by FAR 91.413 and was found to comply with FAR 43, 100 lubrications Appendix F. #1 Transponder: GTX327 #2 Transponder: N/A 12 month Induction air filter replacement. Date: 12/20/2010 Work Order #: C29-10-00675 - Air filter p/n BA-24 I certify that the altimeter and altitude reporting equipment 12 month FAR 91.207(d) ELT system inspection, no defects have been tested as required by FAR 91.411, and were found noted. ELT battery replaced with 8 D cell batteries, next due - to comply with FAR 43, Appendix E. replacement: 3/31/2013. Remote switch batteries due Pilot's Alt. to: 20,000 FT. Standby Alt. to: 20,000 FT. 3/ 2013. #1 Encoder to: 20,000 FT. #2 Encoder to: N/A Date: 12/20/2010 Work Order #: C29-10-00675 - Annual seat belt inertial reels inspection Signed: Annual Transient voltage suppressors inspection/check Landmark Aviation FAA CRS # LN3R663L 14600 N. Airport Drive, Scottsdale, Arizona 85260 Annual control quadrant service. 2 year Magnetomer calibration and functional check.

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 N514BR Cirrus SR 22 S/N 1245 1/3/2011 2 of 2

LANDMARK

Chapter 4 time replacement parts: 6 years CAPS Reefing Line Cutters p/n 25347-001 lot # T0S04H-002-023. Installed new cutters p/n same lot # T0S10G-003-070 expiration dated 7/31/2016.

C/W SB 2X-32-19R2 dated 2/25/2010 nose landing gear assy inspection and reinforcement, by installing kit p/n 70238-001

Repositioned CAPS Strap Sheath on bulkhead 222. IAW CAPS MM Ch 95-10

Replaced the LH muffler p/n14836-001 with overhauled unit p/n same. See FAA form 8130-3 dated 11/17/2010, WO# 137030

Removed the standby gyro p/n 504-0111-942 s/n 504011194225915. Installed overhauled gyro p/n 504-0111-942 s/n 504011194225782. See FAA form 8130-3 dated 12/21/2010, WO# WRK0167494 by Mid-Continent Instrument Co. Inc.

I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was found to be in an Airworthy Condition. W.O. 29-10-00675

LANDMARK AVIATION

FAA CRS# LN3R663L



DATE	AIRCRAFT TIME	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1/4/12	Hab 486.1	AD2009-26-01 NA by sernal H, ADS checked
1. 111.	TTLE48%,1	Threw This dates FUT Tested or battery next
	1141 100-1	due Mar 2017. Lubred all hinges I rod ends, serviced
-		brakes, chected electrical system operation, chected
		security of electrical conectors threw engine pattaling
1		I certify that this girthume has been suspected in
1		accordance with an annual ingration and rus
		found arrworthy. How Olly ATPIA 3420241.
1/16/12	Hola 487.1	#5.EGT Prop replaced onto check goods
1		Cun CU HTP 3420241.
	1	

GLENDARS	Glendale Aero Services	Registration: N514BR	AIRFRAME LOG	
AA	6841 N. Glen Harbor Blvd	Date: 4/6/12	W/O: 6000271	
	Glendale, AZ 85309	Model: Cirrus SR-22	Hobbs:	
Quintes	623-414-4930	S/N: 1245		

Removed malfunctioning standby gyro P/N 504-0111-942. Installed overhauled standby gyro P/N 504-0111-942. S/N 50401119422621. Reference FAA form 8130 from Pacific Southwest Instruments, W/O number 241527, dated 4/10/12 Operational check good.

SIGNATURE: James Butler

FAA AUTHORIZATION: 2833700 IA/ A&P

INSPECTION RECORD F.A.R. 43.11-91.409

		F.A.K. 43.11-51.405	
	AIRCRAFT TIME	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERV	ICE
DATE	IN SERVICE	1 I HILL AL EITT I I I H	, de-
1-13	Hoks. 545.		ind
77	AF 545.3	Mar. 2017. Replaced screw on left wheel cover. Sen	/
		proposed opts check good. I centry that this adortion	1
		hus been inspected in accordance with an annu	19/
		Inspretnon and was found arrworthy.	
		logn all ATPIA 3420241.	1
	I certify tha transponde performed Altimeter S Transpond System(s) Express Au	N 3/482 Date: 3/ JAN /3 at the altimeter(s) and static system(s) tests required by 14 CFR 91.411 and ler tests, including data correspondence, required by 91.413 have been at and found to comply with 14 CFR Part 43, Appendix E and F. S/N(s): Left: <u>3118692</u> Right: <u>2000</u> feet MSL. winnics work order: <u>2.8763</u> Winnics LLC CRS# XXZR035Y	
1,7		623-687-1805	
		AVANTGARDE AVIATION, INC. AIRFRAME LOG ENTRY N514BR BBS 579.3, REPLACED LH WHEEL PAN BRACKET P/N 17205 A&P 3599823	-001

DATE

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INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST AIRCRAFT TIME SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE KIND OF INSPECTION - STATUS & DISCREPANCY LIST IN SERVICE AIRCRAFT TIME SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE IN SERVICE DATE Waterford, MI 48327 2121 Airport Rd. (248) 666-3333 Waterford Aviation. Inc. (248) 666-1094 fax 622.D 4 30 2014 N514BR Cirrus SR22 S/N 1245 www.WaterfordAviation.com MX@WaterfordAviationInc.com 04/30/2014 Reg: N514BR Type: Cirrus SR22 S/N: 1284 Date: November 21, 2013 Hobbs: 587.7 ACTT: 587.7 Removed Stec 55X Autopilot Processor and Replaced with new Completed Annual Inspection in scope & detail of FAR 43 Appendix D and IAW Cirrus SR22 Service Manual. Researched AD's thru Avidyne DFC90 Autopilot Processor Removed 2 Garmin GNS430's and reinstalled after factory upgrade to bi-weekly 2013-21 - none due at this time. Tested and inspected ELT IAW FAR 91.207(d) - ops check good - batteries replacement WAAS and configured. due March 2017. Replaced ELT remote switch battery with new 28L - ops check good - replacement due again November 2017. Removed Avidyne PFD and replaced with factory overhauled unit and configured **Cirrus Service Bulletins** Installed Avidyne TAS605 traffic system and Heads Up Technology C/W SB 2X-32-19R2 Nose Landing Gear by visual inspection - No defects noted. Recheck next 100 Hours. XM System. All installations performed using factory installation manuals C/W SB 2X-05-02 Induction Flapper Bolt - by replacement with new bolt - due again 500-Hours / 24-Months and STC's See FAA form 337 dated 04/30/2014 for details. C/W SB 2X-24-09 TVS Fuse Installation - by installation of inline fuse - terminating action. C/W SB 2X-27-16R2 Asymmetric Flaps - by installation of kit 70255-002 - terminating action Lapeer Aviation Inc L9PR971N Replaced the following new parts (1) RTA400 Fire Extinguisher (1) 16937-002 Grommet, LH MLG (1) 26115-101 TKS Filter (2) 12959-001 Spacer, Yoke tube (2) 12959-002 Spacer, Yoke tube (1) 11168-002 Torque Tube (1) 11169-002 Torque Tube (1) 18380-001 Bumper, NLG Serviced #1 Battery. Sealed LH lower engine mount bracket bolts with Hi-Temp RTV. Resealed LH OB wet wing panel & replaced all Waterford Aviation, Inc. 2121 Airport Rd. Waterford, MI 48327 (248) 666-3333 panel screws. Untwisted pilot seat belt. Replaced all engine compartment fluid carrying hoses with new from Aviall Hose Shop MX@WaterfordAviationInc.com (248) 666-1094 fax Denver. Installed TANIS Engine Pre-Heater TAS100-12-771-DT-115 Kit IAW FAA Form 337, dated November 21, 2013. Lubricated www.WaterfordAviation.com Reg: N514BR Type: Cirrus SR22 airframe as required. All work done IAW Cirrus SR22 Service Manual Jul Add Ad P 3695185 S/N: 1284 Date: February 6, 2014 Hobbs: 603.5 Replaced LH strobe tube assembly with pew 36-0050705-00 Lamp Assembly - ops check good. All work done IAW Cirrus SR22 I certify that this Airframe has been inspected IAW an Annual Inspection and is found to be in airworthy condition. ---- END-----A+P:3695185



INSPECTION RECORD F.A.R. 43.11-91.409

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

MAKE Cirrus Design Corp Herreres Brenne In: MODEL Sr22 S/N 1245 REG NO N514BR WORK ORDER 2780-09-2014

Θ

Waterford Aviation. Inc. 2121 Airport Road Waterford MI 48327

Phone (248)-666-3333

DATE 11 September 2014 A/C TSN 697 7 HOBBS 697 7

Airframe Entries

Completed 10-year overhaul of Cirrus CAPS system, completed with SB2x-95-18R1. Installed Rebuilt Packed Parachute Assembly SR22. P/N 25574-004-REB S/N 01376R1 Parachute rebuilt by Cirrus Design Corporation. Certificate Number PC#338CE under Work Order. 499263. Parachute replacement due again 4 Sept 2024 Installed new Rocket Motor Assembly 3400lb. P/N 29500-403. S/N 0624. Rocket replacement due again 24 June 2024 Installed new Francible Link Assembly. P/N: 29705-002 Rev C (S/N: 0933). Electronic Ignition Retrofit kit (P/N: 70268-002). G5 Rocket Retrofit Kit (P/N. 70271-001) and G5 Rocket Crossbeam Retrofit Kit (P/N. 70271-002). All work performed IAW Cirrus Maintenance Manual, Cirrus Component Maintenance Manual and SR2x-95-18R1

C/W SB2x-95-13 CAPS strap grommet installation by modification of CAPS compartment and installation of caterpillar grommet MS21266-6N and MS21266-1N as required

Maintenance Release

The aircraft and/or component(s) on N514BR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2780-09-2014. Dated 11 September 2014

DATE: 11 September, 2014 SIGNED Work Order: 2780-09-2014

Printed by EBis 3 (datcomedia.com)



Waterford Aviation, Inc. 2121 Airport Road

Waterford, MI 48327 Phone (248)-666-3333 DATE 12 December 2014 A/C TSN: 728.2 HCBBS 728.2

Airframe Entries

AIRCRAFT TIME

IN SERVICE

DATE

Completed Annual Inspection in scope & detail of FAR 43 App. D and IAW Cirrus SR22 Service Manual. Researched AD's thru bi-weekly 2014-23 none due at this time. Installed (1) BA24 induction filter. Lubricated airframe as required. I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition. Tested and inspected ELT IAW FAR 91 207(d) Batteries due March 2017 Adjusted all forward exhaust ball joint tensions IAW Cirrus SR22 AMM. Replaced rudder-alleron interconnect bungee and rigged as specified in Cirrus SR22 MM Secured GPS antennas under glareshield with new hook and loop fasteners and ty-wrap bases as required Disassembled cleaned, inspected installed new o-rings, P/N MS28775-222 (x) and assembled included and bled right brake caliber Installed new left and right brake linings, P/N APS66-10500 (x8) utilizing new brake rivets, P/N APS105-00200 (x16) Applied TKS edge sealant PN: 51329-002U to all TKS deice panels. Installed overhauled muffler/heat exchanger assembly. P/N 14837-001 from Dawley Aviation Adjusted co-pilot door latch timing to spec. Lubed with MIL-L-7870 general purpose oil Rim-swapped LH and RH main landing gear tires to even and extend service life Replaced MCU100 PN 14600-012, SN 02577 with new MCU120, PN, 16600-011, SN 02033 Repaired wiring and connections at aft engine baffle pass thru for tachometer indication Installed new battery P/N RG24-15M S/N 40656234

Maintenance Release

The aircraft and/or component(s) on N514BR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2918-12-2014, Dated 12 December 2014

DATE: 12 December, 2014 SIGNED

Work Order: 2918-12-2014 2738624JA

3695185

Printed by EBis 3 (datcomedia.com)

IN ISSTOTION BECORD MAKE Cirrus Design Corp Waterford Aviation, Inc. DATE 31 October 2014 Berneren Beneren I MAKE Cirrus Design Corp MODEL SIZZ Waterford Aviation Inc. A/C TSN 728.2 Margaran Amarina las DATE 30 July 2014 S/N 1245 2121 Airport Road HOBBS 728 2 MODEL Sr22 0 2121 Airport Road A/C TSN: 681.4 REG NO N514BR Waterford MI 48327 S/N 1245 ____ DA 0 REG NO N514BR Phone (248)-666-3333 Waterford MI 48327 HCERS BAL 4 WORK ORDER WORK ORDER Phone (248)-666-3333 2883-10-2014 2726-07-2014 Airframe Entries **Airframe Entries** Inspected tires, brakes, lights and exhaust. No defects noted at this time, all work performed IAW Cirrus SR22 maintenance manual Installed new pilot's step grip. P/N: 12683-006. Installed overhauled fuel oump. P/N. 5217-00-3, S/N. 4137. Pump overhauled by Quality Aircraft Accessones Inc. Certificate # QYIR334Y under Work Order W0111170016504 001 Ops checks good, leak checks good. All work performed IAW Cirrus SR22 maintenance manual Installed new co-pilot entry step grip P/N 12683-006 Maintenance Release The aircraft and/or component(s) on N514BR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and Maintenance Release The alreat and/or componentialy which rear visal variables and angebraid in accordance was outlener Parts rules of the rederal available Regulations and was found Airworthy for return to service. Pertnent details of the repair are on file at this repair facility under Work Order No. 2726-07-014. Dated 30 The aurcraft and/or component(s) on N514BR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was tound Arworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2883-10-2014. Dated 31 October 2014 DATE: 30 July, 2014 SIGNED Work Order: 2726-07-2014 Luke Hall 03P 3695185 DATE 31 October 2014 SIGNED Work Order: 2883-10-2014 Printed by EBis 3 (datcomedia.com) Printed by EBis 3 (datcomedia com) Luke DATE 15 May 2014 Waterford Aviation. Inc. MAKE Cirrus Design Corp A/C TSN 630 Maranens Grietine In MODEL Sr22 HOBBS 630 2121 Airport Road S/N: 1245 REG NO N514BR 6-Waterford, MI 48327 Phone (248)-666-3333 WORK ORDER 2601-05-2014 **Airframe Entries** Replaced ALT1 current sensor with new PN 14604-001 Maintenance Release The aircraft and/or component(s) on N514BR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2601-05-2014, Dated 15 May, 2014 Work Order: 2601-05-2014 DATE: 15 May, 2014 SIGNE Printed by EBis 3 (datcomedia.com) Luke Ha

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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVIC					
		Preferred					
		AVIONICS & INSTRUMENTS					
		REG <u>N514BR</u> WO# 4312 A/C TIME: 771.9					
		The ATC transponder was tested and inspected on <u>1-30-15</u> and found to comply with 91.413 Part 43. Appendix F. Automatic altitude					
		reporting equipment was tested and calibrated on <u>1-30-15</u> in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to <u>20</u> K Ft.					
		I certify that the altimeter and static system tests required by FAR 91.411 Have been performed. The altimeter was tested on <u>1-30-15</u>					
		By Areferred Avionics to 20K Ft.					

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1		SCALE	CORRECTION	s
	ALTITUDE	READING	ALTITUDE	READING
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	0	10	18,000	+10
	500	410	20,000	10
	1,000	+16	22,000	-
	1,500	710	25,000	-
	2,000	+10	30,000	-
	3,000	110	35,000	
-	4,000	110	40,000	-
	6,000	+10	45,000	-
	8,000	+ 10	50,000	
	10,000	+10	HYS. 40%	
	12,000	+10	HYS. 50%	40
	14,000	110	AFTER EFFECT	+10
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INSPECTION RECORD F.A.R. 43.11-91.409	INSPECTION RECORD F.A.R. 43.11-91.409
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MAKE Cirus Design Corp MODEL 5722 Sin 1245 REG NO NS14BR WORK ORDER 2987-02-2015 Waterford Aviation, Inc. DATE 06 February 2 2121 Airport Road Waterford Aviation, Inc. DATE 06 February 2 2121 Airport Road	PREFERRED AVIONICS & INSTRUMENTS LLC 3679 Bowen Road Howell, MI 48855 YPCR724X LOG ID# 846 25-February-2015 WO# 4337 N514BR S/N 1245 CIRRUS DESIGN CORP SR22 Pg 1/1
Airframe Entries Lubricated door hinges with MIL-PRF-81309F Removed "Aero" private wheel paint covers: Installed Wheel Paint Defender Kit PNI AR3010-102 IAW Aviation Resources Wheel Paint Defender installation instructions Maintenance Release The aircraft and/or component(s) on N514BR was repained and inspected in accordance with current FARs rules of the Pederal Aviation Regulations a was found Anworth for return to service. Perfinent Service To a grade to each of attice repair facility under Work Order No. 2987-02-2015. Dated 06 Petruary, 2015 DATE: 06 February, 2015 SIGNED Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Printed by EBis 3 (datcomedia of Dain Lynch, A& 3524030 Private Barting	**** TTEM # 4337-1 UPDATE SW RELEASE & CMAX UNLOCK **** DISCREPANCY: UPDATE SW RELEASE & CMAX MULOCK Model: ExS000 Part#: 700-00004-008 Serial#: 21316424 ACTION: Downloaded EMAX Data and Narrowcast Data. Performed Avidyne Service Bulletin 601-00004-009 to Upgrade MD software from the childs at loader. Performed checklist update on MD: Acklist download failed after tend time and rebooting system. MPD locked up and will 'the childs and relocating system. MPD locked up and will 'the childs download failed after tend support and the are reporting is a compact flash drive. Received flash drive and relocated and found MPD functioning and 'the childs download failed after tend support und checklist is current version. Accessed thecklist download failed after tend found MPD functioning. Relocated aircraft back to customer thangar. **** TIEM # 4337-2 PPD DOES NOT POWER UP W/BATTERY SWT. **** DISCREPANCY: PPD DOES NOT POWER UP W/BATTERY SWT. **** TIEM # 4337-2 w/BATTERY SWT. ACTION: Ramp test system and confirmed complaint. Accessed cirrus Tech back at a system and replaced with new. Ramp test system verified proper operation w/BATTERY SWT. ACTION: Ramp test system and confirmed complaint. Accessed Cirrus Tech Pubs and circuit breaker. Bus voltage is not present on load side of breaker. Signed YPCR724X MNDALL WELLER Date



AIRCRAFT TIME DATE IN SERVICE

330 Aviation Way Frederick MD 21701 LANDMARK 301-662-8156 CBS LC1R291K

T FOR SERVICE

Date: 12/04/2015: Aircraft: N514BP; Hobbs: 907.5: Total Time: 907.5 Shop Order #: S05-15-62610

CW annual ELT inspection per FAR 91.207(d), CW ACK Technologies recommended 2 year battery replacement, new battery dated December 2024. Replaced pilot's reading light assembly p/n 50491-002. Replaced left Pax overhead light bulb. CW ICA for Brackett filter by replacement of filter element and inspection of support. Untwisted pilot's seat belt. CW ICA for M20 air oil separator by cleaning and inspection. CW Cirrus SB 2X-28-12R1 by inspection of electric fuel pump, no defects noted and installed temp pages in POH. Replaced number two batteries. Reattached glue blocks of number two battery power wire and secured wire to blocks with zip-ties, routed and secured wire as required. CW Cirrus 500hr/5 year special inspection of cabin air control assembly. CW Cirrus special inspection of engine mount weldment and lower mount attach fitting. verified torque on attachment bolts. Tightened co-pilot's visor mount. Replaced forward and aft cowling close outs. Replaced air filter "tee" bolt. Replaced missing air plenum chafe pad. Installed new alternate air duct support bracket. Removed left and right exhaust, cleaned ball joints and reassembled. Replaced left and right exhaust slip joint bolts. Dressed and painted prop. Re-rigged rudder/alleron interconnect bungee. Applied chafe tape to left wing flap cove area. Replaced right main tire, s/n 42822179 and balanced. Replaced left main tire, s/n 41772373 and balanced. Reset nose fork pull. CW SB 2X-05-02 by replacement of alternate air flapper bolt. Replaced NLG pucks and (continued)

> 330 Aviation Way Frederick, MD 21701 LANDMARK 301-662-8156 CBS1C1B291K

(continued 4 December 2015) bumper Prepped areas and applied new edge sealant to upper surfaces of all TKS panels. Touched up minor paint chips on leading edges as requested. I certify that this aircraft has been inspected in accordance with an annual inspection and has been approved for return to service.

C. John Colauca for Landmark Aviation CRS LC1R291K

INSPECTION RECORD

S/N: 1245

LANDMARK

330 Aviation Way Frederick, MD-21701 301.662.8156

Model: SR22 Date: December 4, 2015 Reg No: N514BR SO#: A05-15-13568 Hobbs: 907.8

Using a calibrated Otto Instruments model BJ-180 Master Compass, performed Magnetometer Calibration. Complied with Cirrus Using a calibrated Out instantion of the section of the section required every 2 years), Avionics Magnetometer adjustments and Recommended Scheduler adjustments and tests, in accordance with CDC SR22(T) MM Chapter 05-20 item 49. Compliance with CDC SR22(T) MM Chapter 05-20 item 49. tests, in accordance with the Scheduled Inspection of the Avionics Transient Voltage Suppressors (TVS), in accordance with the CDC SR22 MM Chapter 24-50, in compliance with CDC SR22(T) MM Chapter 05-20 item 32. Modified bottom of Glareshield, secured CDC SR22 MW Chapter 2- voi de (Kit 70089-009), attached associated GPS antennas to Glareshield, then mounted antennas in new House Later to date and the accordance with instructions contained in Cirrus Service Bulletin SB2X-34-06 R6 Section I. Performed post maintenance systems accordance with instruction post manuferance systems ground checks with satisfactory results. Calibrated the ACK model A-30.4 in accordance with the ACK model A-30 installation manual. Secured loose 'B' nuts in the Static system forward of the instrument panel.

Complied with FAR 91.411, altimeter, altitude reporting and static system tests and inspections to 20,000 ft, IAW Part 43 Appendix E Complied with FAR 91.413, ATC transponder biennial tests and inspections, IAW Part 43 Appendix F.

Complied with Avidyne Service Bulletin document # 601-00006-040 dated 17-June-05, (24 Month Altimeter and Inspection for the EXP5000). AD2009-05-05 'Avidyne PFD', does not apply by serial number.

PFD: EXP5600, p/n 700-00006-000, s/n 26580095, sw 8.0.6 Standby Altimeter: United, p/n 5934D-3 A.249G. s/n 433942 Encoder/ACK, model A-30.4, s/n 93208, mod 4 Transponder: Garmin, GTX-327, p/n 011-00490-00, s/n 83718692, mod 0, sw 2.12

han CRS LC1R291K

David E. Shelton for Landmark Aviation-FDK

INSPECTION RECORD	INSPECTION RECORD
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DATE AIRCRAFT TIME SIGNATURE - CERT. NO. OF PERSON APPROVINCE SIGNATURE S	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE S30 Aviation Way Frederick, MD 21701 301-662-8156 Arcalt Mentenara CSL CTR291K Abstalled new Mentenara CSL CTR291K CSL CTR291K CSC Code CSL CTR291K CSC CTR201 CSL CTR291K CSC CTR201 CSL CTR291K CSC CTR201 CSL CTR291K CSC CTR201 CSL CTR201K	DATE Minor Min
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Supped 2007-100-100-100-100-100-100-100-100-100-	Status and the set of the se	STUDENCIAL Frederick MD 21701 301-662-8156 Areat Maintenno Resch Maintenno CRS LOTR291K N-STATUS & DISCREPANCY LIST APROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE Notes 192016, Arcraft N518RF, Hobbs: 1051.7 Shop Order #. 509-16 62858 Status # S

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MARK: Constant State St	accordance with the current rules and regulations	ANCY LIST PPROVING AIRCRAFT FOR SERVICE	DATE	SIGNATU Aircraft Meinten Aircraft Meinten ABRA Mueiton com Date: 12/20/2016; Aircraft: N514E Shop Order #: S05-16-62968 AIRFRAME LOG ENTRY:	ance CRS LC1R291K Ippany	CY LIST OVING AIRCRAFT FOR SERVICE
Joel A. Glover Certified Repair Station No. 5T2R901C	Printed by EBis 3 (datcomedia.com)			Replaced number one alternator and completed MCU check sheet	current sensor p/n 14604-002. Performed ground t.	l run up
	SIEGUNIGAN 301-	Jerick, MD 21701 -662-8156 S LC1R291K 111.8; Total Time: 1111.8 Ind efects found and noted battery change dight by re-secureing broken wire at switch. per surfaces of TKS panels. Replaced is, Replaced tett and right exhaust springs. is required. Re-inked data on compass aster cylinder and dressed burr on piston ced temp stickers. Replaced right MLG kett air filter by replacement of element and 982 catcher/diverter by installation of 70544 his aircart has been inspected in s been approved for returnt to service.		Reload GTY 30 2.10 F. R. mwARE Bod TR 605 AD	C. TRRUS SRZZ C. TRRUS SRZZ HS SOFTWARE AND FO Track le shoot TAS 6057 Scho COMMS From Poy. HR TO US 21767 LANCASTER AVIONICS IND LANCASTER AVIONICS IND CERTIFICATE NO. LNTR261 SIGNED	for geta-ls

330Aviation Way 2-16-17 Hobbs : 1134.0 SIGNATURE Model: SR22 F.A.R. 43,11-91,409 Date: TECHNICAIR Frederick, MD 21701 CIRRUS SR-22 NS14BR S/N: 1245 Reg No. N514BM ANCY LIST Nircraft Maintenance PPROVING AIRCRAFT FOR SERVICE 301.662.8156 A 884 Aviation company SO#: A05-17-14029 REPAR STC 90 AP disconnect And 10 map by Reparking Hobbs: 1173.4 Disconnected the pitot and static lines from the aircraft instruments. Purged all water from the lines, and reconnected the GMA 340 ANX ANDIO INPUT WIRING . REPAR Flight STRAAM 210 pitot and static lines. Performed pitot and static system tests and inspections in accordance with 14CFR Part 43 Appendix E FREEDUCATELY INOD by REPAIRING STRAIN RELEF to F5210 And Adding GROUND BROND to plug Hood And TEST OF OK. CRS LC1R291K Michael A. Arentz for Signature TECHNICAir REF. W6 21758 LANCASTER AVIONICS INC. LANCASTER AIRPORT SIGNATURE 330Aviation Way Model: SR22 Date: September 25, 2017 TECHNICAIR LITITZ, PA 17543 Frederick, MD 21701 S/N: 1245 Reg No. N514BR 2-16-17 Aircraft Maintenance 301.662.8156 SO#: A05-17-14071 A 65A Aviation company Hobbs: 1193.1 CERTIFICATE NO. LN7R261N Removed the STBY altimeter (United, p/n 5934D-3 A.249G, s/n 451981). Installed Overhauled Exchange altimeter (United, SIGNED____ o/n 5934D-3 A.249G, s/n 456020). Reconnected the altimeter static line to the altimeter. Performed static system leak test IAW Part 43 Appendix E (a) CRS LC1R291K SIGNATURE SIGNATURE 330 Aviation Way 330 Aviation Way Michael A. Arentz for Signature TECHNICAir Frederick, MD 21701 Frederick, MD 21701 301-662-8156 301-662-8156 Aircraft Maintenance CRS LC1R291K Aircraft Maintenance CRS LC1R291K A BBA Aviation company A 88A Aviation company Date: 6/09/2017; Aircraft: N514BR: Hobbs: 1160.2 Date: 9/25/2017; Aircraft: N514BR; Hobbs: 1193.1 Shop Order #: S05-17-62901 Shop Order #: \$05-17-63001 ENGINE LOG ENTRY: ENGINE LOG ENTRY: Oil and filter changed, serviced with Phillips 20W50XC and Camguard additive. Old filter Oil and filter changed, serviced with Phillips 20W50XC and Camguard additive. Old filter cut open and inspected, no contmainates found. Post maintenance ground run cut open and inspected, no contaminates found. Post maintenance ground run satisfactory, no leaks noted satisfactory, no leaks noted. Inspected cylinder number four CHT connector, no problems noted C. John Colalyca for Signature Technicair CRS LC1R291K C. John Colaluca for Signature Technicair CRS LC1R291K

	nation Way	Model: SR22	Date: December 14, 2017
TIT	Frederick, MD 21701	S/N: 1245	Reg No. N514BR
Aircraft Maintenunce A 88A Aviation company	301.662.8156	SO#: A05-17-14120	Hobbs: 1229.9

Complied with Cirrus Service Bulletin SB2X-34-22 (ATA 34-10: Flight Environment Data/Pitot-Static Systems Static Line Sump). Complied with FAR 91.411, altimeter, altitude reporting and static system tests and inspections to 20,000 ft. IAW Part 43 Appendix E. Complied with FAR 91.413, ATC transponder biennial tests and inspections, IAW Part 43 Appendix F Complied with Avidyne Service Bulletin document # 601-00006-040 dated 17-June-05, (24 Month Altimeter and Inspection for the EXP5000). AD2009-05-05 'Avidyne PFD', does not apply by serial number.

PFD: EXP5000, p/n 700-00006-000, s/n 26580095, sw 8.0.6 Standby Altimeter: United, p/n 5934D-3 A.249G, s/n 433942 Encoder: ACK, model A-30.4, s/n 93208, mod 4

Transponder: Garmin, GTX-345. p/n 011-03302-00. s/n 3EG002955. mod 0

CRS LC1R291K Michael A. Arentz for Signature TECHNICAir



Frederick MD 21701 301-662-8156 Aircraft Maintenance CRS LC1R291K A BBA Aviation company

Date: 12/18/2017; Aircraft: N514BR; Hobbs: 1229.8; Total Time: 1229.8 Shop Order #: S05-17-63062

CW yearly ELT inspection per FAR91.207(d), replaced remote switch battery and noted primary battery change date of December 2024. Defueled left tank, removed, cleaned and resealed fuel panel, refueled and leak checked ok. Removed OEM wing tip nav and strobe lights, installed Whelen model OR6002 series lights which are TSO approved, using existing wiring and switching, this is classed as a minor alteration. Replaced broken air filter attach rod. CW ICA for Brackett air filter by replacement of element and inspection of support. Disassembled, cleaned, lubricated and reassembled right exhaust ball joint Tightened cabin heat duct clamp. Cleaned and resealed both brake calipers, installed new heat sensor stickers and bled brakes. Relined left brake. Installed chafe guard on both brake aluminum lines. Reset nose gear pull. Topped off TKS tank. CW ICA for air/oil seperator by inspection. CW Cirrus SB2X-05-02 by replacement of induction flapper bolt. Resealed left win leading edge cuff. I certify that this aircraft has been inspected in accordance with an annual inspection and has been approved for return to service. -

C. John Colalica for Signature Technicair CRS LC1R291K