

# ARREITATE LES CARRESTES ANTES ES

#### AIRCRAFT DESCRIPTION MANUFACTURER CIPTUS DESIGN CORP MODEL 5R22 SERIAL NUMBER SR22000 REGISTRATION NUMBER N 4355R DATE OF MFG. June 2006 REGISTERED OWNER\_ Inspection Status [Check one] STREET ADDRESS\_ F.A.R. 91.409 ANNUAL/100 HOUR \_CITY, STATE, ZIP \_ \_OPERATOR \_\_\_\_ F.A.R. 91.409 PROGRESSIVE STREET ADDRESS \_\_CITY, STATE, ZIP \_\_ \_REGISTERED OWNER \_\_\_\_ \_\_STREET ADDRESS \_\_ F.A.R. 135.419 A.T.C.O. CITY, STATE, ZIP\_\_\_\_ \_OPERATOR \_\_ OTHER \_\_\_STREET ADDRESS \_\_\_\_\_ DATE ENTERED \_\_\_\_ \_\_CITY, STATE, ZIP \_\_\_\_\_ MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Molas	TO-550-N	E 689786
ENGINE	TCM	FO-550 N42	1 689796
PROPELLER	Hortzell Propellers Inc.	PHC J34F.1R	- FP4791B
PROPELLER	Harteelt Propellers Inc.	PHC-334E-INX	A805766
ENGINE			
ENGINE			
PROPELLER	HARTZEII	PHC-JBYF-18	F FP5362B
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER	4.3		
ENGINE			
ENGINE			
PROPELLER		-	
PROPELLER			
922			
1			
	•		

LIFE LIMITED PARTS	OR	<b>OVERHAUL</b>	REQUIREMENTS
--------------------	----	-----------------	--------------

NAME OF PART	PART NUMBER	SERIAL R NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIM OR T.B	MIT 1.0.	REMO DATE/H	VAL IOURS	AGENCY CERT. NO.
			Life Limit	ted Parts SF	222		0		
		PART NAME	PARENOME	R		EXF	PIRES		
		CAPS Rocket Motor	15047-001	1 S/N_27	42	5//	<u></u>		
		CAPS Parachute	20331-001	1 S/N 023	143	5//			<u> </u>
		CAPS Reefing Line Cutters	5212	LOI <b>7650</b> 6	12002	2/1		$\leq$	Pge 37 MX Inspector
		ELT Batteries	MN1300	Date Installe	372.5	3/12	 2		pge 3/ / W with
		EMA Controller, AAIR	20902-00			4/	219		<b>_</b>
		Pilot Seat Inflator Assy, AAIR	20902-002	2 S/NAU>I	033T	3-1-1			
		Co-Pilot Seat Inflator Assy, AAIR	20902-002	2 S/NA45I		3-1-1			
	-								
	-		2:20:00						

### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

NUMBER	AFFECTED	AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.	
		6.22.06	Searched AD issue 2006 compliance a	-12. All Al			12)
		7-18 26 5.6	Sarched AD issue 2006-1	4 All Ass a	Ai-wakly in complete.	Brys Ita 47444	P
		MAKE: Cirrus MODEL: SR22 SrN: 2022 REG. NO. N438 WORK ORDER 11000336-07-21  AD Entries (15) Resea	009		for the airframe & app	DATE: 4/12/2010 A/C TSN: 729.1 HOBBS: 729.1	
		DATE 4/12/	2010 SIGNE	ED: Due )	50m	Work Order: 11000335-07-2009 Printed by EBis 3 (datcomedia com)	
<u></u>			<del> </del>				

D./BULL.	ITEM	MAKE: Cirrus MODEL: SR22 S/N: 2022	Cirrus Jet Dukuth, MN 55811	DATE: 4/12/2010 A/C TSN: 729.1 HOBBS: 729.1	IGNATURE ATE NO.
		REG. NO: N435SR WORK ORDER:	Duran, MN 55011		
	-	11000336-07-2009 SB Entries			
		(42) Researched	and complied with or verified compliance with all bulletins thru 11 April 2010(43) Complied wit	applicable CDC recommended &	
		Replacement Sch	edule - Brake Assembly O-Ring Replacement In	terval, dated 11 March 2009 by installing	
İ		and the caliper O-	In conjunction with compliance with this bulletings were replaced with new P/N's 101-34500 I/	AW CDC MM 32-42. The O-ring	
		Sealing, dated 28	al is now 5 years, On Condition(44) Verified to October 2008 is not applicable to this aircraft by	lack of installed equipment(45)	
			C SB 2X-25-19; Inflatable Restraint Harness Inspectioning & securing connectors IAW SB instruction		
-+		SB 2X-27-14R3, I	Rudder Aileron Interconnect Modification, dated 1 sence of experimental airframe logbook entry dat	10 October 2007 by visual inspection of	
		CDC SB 2X-27-16	; Flap Actuator Modification, Dated 02 October 2 48) Complied with CDC SB 2X-32-19 R2, Nose I	009 by installing Kit P/N 70231-001 IAW	
		Reinforcement, da	ted 25 Feb 2010, by Performing Upper Gusset P	late & Fillet weld Inspection and	
		REQUIRED GUSS	approved repair by installing Kit P/N 70238-001. ETT PLATE INSPECTION @ HOBBS 826.3 HP	RS(49) Verified Compliance with CDC	
		components and p	abin Door Rod End Replacement, dated 24 Janu resence of experimental airframe logbook entry d	ated 9 November 2008(50) Verified	
-+		inspection of comp	DC SB 2X-95-09-R1, CAPS Strap Abrasion Insponents & presence of experimental airframe logb	ook entry dated 12 April 2007 (51)	
-		Verified Compliand	e with CDC SB 2X-95-10R2, CAPS Pick-up Colle ection & presence of experimental airframe logbo	ar Support Replacement, Dated 30 April	-
			Compliance with R1 requires no further action for	The same of the state of the same of the s	
	U	191 CDC 20 57-32	12; CAPS CMM Line Cutters Rigging Illustration ing Life limited Replacement of Line cutters on p	From dated 00 April 2010 is not	
_	N	OT APPLY TO TH	IIS AIRCRAFT.	age 4 or airrame logbook, SB DOES	3
		certify that this aircraft	was inspected on this date in accordance with the scopi s, and found to be in a condition for safe operation.	e and detail of appendix D to part 43, or other	
	1 F	-v-approved program	The second secon	•	

#### 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.
MAKE Cirrus MODEL SR22 S/N 2022 REG NO N43 WORK ORDER 11000389-04-2	Dulut SSR R	rus Jet h, MN 55811			DATE 4/20/2010 A/C TSN 748 1 HOBBS 748 1
AD Entrie		omplied with during the	period of experiment	al catagory operation. Ori	ginal records of compliance are
on file at Cir	rus Design Corpor	ation.			
	4 4 DO A D A D A 4 4 4	12 Compliant with an III	UTAION by completio	n of SR/A-5/-U/K4 AU/	with on 03/11/08 by completion - 009-05-05 Complied with by
verifying that	factory "Mod 52"	has been accomplishe D's are in compliance	<ul> <li>d. Complied with AD</li> </ul>	76-07-12 on 04/13/2010 b	by performing mag shut-off
check IAVV	AD 76-U7-12. All A	D'S ale in compliance	at this time	/	
check IAVV	AD 76-U7-12. All A		7/1/		144 - 1- O-d 14000290 04 2010
DATE: 4/20/		SIGNED:	3/10	/	Work Order: 11000389-04-2010
			3/10	/	Work Order: 11000389-04-2010 ted by EBis 3 (datcomedia.com)
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	
		SIGNED:	3/10	/	

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	AGENCY	OVE <del>O B</del> Y: CERT. NO
			(			REQUIRED	AGENCI	CENT. NO
					ļ			
	Loom	frethat tha	14:		1			
		175.0	altimeter, sta		[2] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	,		
			rter test requi					
			7 have been p			9-0		
	The state of the s	n me minis 43-6B.	of FAR 43 ap	ppendices E	∝ r and			
			8,000 F	FET ON	العليد			
			1fg <u>Garmin</u>					
	11411	Model	: <u>GTX-327</u>	S/N 23	71554	9 —		
	Enco	der: Model	ACK_P/	N <u>A-30</u> S/N	10157	4		
	Altin	eter: Mfg	Avidvne			-		
		(PFI	D) 15222-00	95/N Q10	567184	1		
	Mf	g United P	Ń 12731-002	S/N 4	54452			
		6						
	CDC	Quality As	surance	311	on 4/8	/10		
	CDC	Quality As	orporation Du					
		338CE	rporation D					

DATE		District		111		0	
DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK	Appro
	3-20-12	CIRRUS	8R22 N	13550		REQUIRED	APPROVED BY:
	<del> -</del>		1122 N	TUDDES	HCBB5=	889,5	CERT
	PINI 5034	STED BAR	CINETRIC S	SCALE OF	FLIGHT=	044.3	
	DOME FA	KADDE D	· T D		CORRE	T ALTITIA	-
	WERE RET	ESTED A	COMETRIC 9G SIN 4E OTH THE BI NO FOUND TEST SE	TROSCALE	AND ALT	TO DE SCAL	
	AT ALL KE	EQUIRED	TESTS		MIN IOT	ERANCES	
10.700							
	- TIONS AN	10 FAR 9	1.411 AND	PADTAS	ADDENS	INSTRUC-	
			END	C4-1241	APPENDI	XE.	
		LANCA	STER AVIONIC	SINC			
	9.4.4.	LANCA	STER AIRPORT				
		LITITZ,	PA 17543				
	_	DATE_	3-20-1	2			2
	-	CERTIF	ICATENO. LN	17287N _20	-00		
		SIGNEL	Heliere	Music	eller		
	CIRRUS &	1011	11125-0	0 11000			
	CIRROJ &	NLL	W 455 2	A HOBBS	= 889.5 F	LIGHT = 849	,3
							Marine
	LANCAC	FED AVIONIOS	WO 000 #1 W				
			INC. CRS # LN7		CASTER AVI		A <del>nteress.</del>
			ER, ENCODER AND JIRED BY FAR 91,41		CRS # LN7F		1
			W FAR 43 APPENDI		REQUIRED BY E	TRANSPONDER (S) AR 91.413 HAS BEE	X6
	ŪNIT	TYPE	TESTE			R 43 APPENDIX F	N.
	#1 ALTIME	TER AVIDY					
		TER DIVITE	$p$ $1e, \infty$		RANSP GT		
	ENCODER		18,00	20/ #2TF	PANSP W/A		
	STATIC SY	STEM TEST DAT	E, 3-20		Married Control of the Control of th	Commence of the Control of the Contr	2
1	SIGN	rara U. Sik	LeeDATE 3-2	0-12 DATE	3-20	2-12	

1/14/2011



### LANCASTER AVIONICS, INC

### ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

77-2-5	ALTIM	TER/STATI			Alrera	n alasu	s \$R2	2 N#	N4:	35\$R
	Customer:	ADVANCE	ICES	CISAL 1	Тур	CIRRO	THE RESERVE			Co-Pilot
		301			TENER!		Test Alt	Pilot	8 1	The Diff
				Sena	i Number	Test Celling	18,000	Down Diff	,	Down Dill
timeter	Manutacturer	EXP 500		21067		System Leak	5 FPM		Tol	105
lot	AVIDYNE	54340-3A			4452	Hypteresis	ann'	N/A	1 1/2 / 3	125 +30
-Pilot	The state of the s	A-30			1574	50%	9,000	1		123
noder	A.C.K		PON.		No. of Lot	40%	7,200'		1 44 / 1 / 1	135 160 +25
						After Effect	0'		+/- 30	0 120
210	2		34		19	100		SIE WA	7 S. 70	1000
		distribution of				13000	A STATE OF THE PARTY OF THE PAR	Frict	11-11-11	
rror	Pilot	Co-Pilot	Tol	- 7	Encoder		The state of the s	Pilot	Tot	Ço-Pilot
1000	-10	-20	20	N,		-920	1000	NA	70	30
zero	-10	0	20		-20	80		14/1	70	35
500	-10	15	20		480	580	2000		70	40
1000	-15_	+15_	20		180	1080	3000		70	40
1500	-10	+20	25		480	1580	5000		_	50
2000	- 15	+30	30		980	2080	10000		80	
3000	-15	1:30	30		980	3080	15000		90	60
4000	-15	+30	35	3		4080	20000		100	
6000	-20	+35	40	_ 4	5980	6085			120	
8000	-20	1 +30	60	1 7	1985	8085	30000		140	
10000		+20	80	9	1990	10085	35000		150	
12000	-20	+20	90		1995	12100	40000		180	
14000	-	+25	100	1	4000	14100	50000		250	
1600	-30	120	110		6005	16100		Pressure - Alt I	Diff. Tol	+/- 25
1800		+20	120		8005	18105		Pilot	Tot	Co-Pilot
2000			130				28.10"	-1735	- 1727	-1740
2200			140				28 50"	-1355	- 1340	-1335
2500	-		155				29.00"	- 870	- 863	-865
3000			180				29.50*	- 400	- 392	-385
3500			205	5			29.92*	-10	zero	_ 0
4000			230	)			30 50"	520	• 531	530
4500			25	5			30 90"	880	• 893	900
5000	Color of the Color		280	0			30.99"	965	+ 974	980
	F-1	PAS	S	F	AIL			10	0/	2 1. 1
Pilot	Altimeter	X			· ·	· c	Technician	thelia	de	Stella
Co-F	ilot Altimeter	X				1			(Signature	1)
Ence	der	X				110	Date	L_ 3-2	0-1	2

(717) 569-1953 Phone (717) 569-1722 Fax Lancester Avionics Inc. 500-U Airport Rd Lititz, PA 17543

CRS# LN7R261N

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

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
		Reg: N435SR Date: 10/19/2013 Hobbs: 1028.6 Tach: 965.6 WO# 1825		N E A	I R	
1		Removed Avidyne Ops and Mag cal	checks, normal.	1067184 and installed S/N	+	
-				y		
						1
					. /*	

### RADIO & ELECTRONIC CHECKS

TOTA		TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
	MAKE: Cirru MODEL: SR2 SERIAL NO.: REGISTRAT	2022	W	ATE: 04/7/14 ORKORDER: 14- OTAL TIME: AC TIME: 1061.7 3. Transponder tes	
-	Transponder Pl	odel: Garmin GTX 3 N: 011-00490-00	327		
===	Transponder Si Encoder Model:	N: 83715549			·
	PN: A30				-
<del>"</del> ":	SN: 101574		///////END//////////		
=			KALIMA ON MANOT THE TEN	HIMPHIEILS OF FAILY	
-	approved for retu No.: 14-03-006	m to service. Pertinent	t details of the repair are	on me at agono, and	
=	Date: 04/7/14	11 11	. (1)		
-	Signed:	the Mar	do Lay	non	
-	For AvDyne Aero	Services LLC CRS #Y7	NŘ985Ý		
-					
-					

#### AvDyne AeroServices LLC

P.O. Box 8779 BWI Airport Baltimore, Md. 21240

FAA Repair Station CRS# Y7NR985Y

Reference: FAR 91.411, FAR 43 Appendix E, AC 43-6B

Phone 410-859-3917-Fax 410-859-0704

IFR Certification Altimeter System

Customer Name: CPEN AIR		Date: 4-7-14
WIO No: 14.03-006	NC No: N43	55R Hobbs: 10617
	C2. 22	A/C S/N: 2022.
Altimeter P/N: 700 - 0.000 6 00.	)	SIN: 20715552
Altimeter Primary:	Secondary:	Make: A VIDO YUF.

SECTION AND ADDRESS OF THE PERSON AND ADDRES	Test No:	V	
Altitude Feet	Tolerance +/- Feet	Up	Down
-1000	20	1,000	
0	20	-	-
500	20		1
1000	20	-	
1500	25	-	-
2000	30		_
3000	30		_
4000	35	-	_
6000	40		-
8000	60		_
10000	80		

	Attitude	Pressure	
Altitude Feet	Tolerance +/- Feet	Up	Down
12000	90		
14000	100		
16000	110		
18000	120		- W
20000	130		
22000	140		/
25000	155	-	1
30000	180		1-
35000	205	/	
40000	230	N/A	N/A
45000	255	N/A	N/A

A)			nie.	TEST NO. 2 FRICTION		-		
Altitude	Altimeter	Tolerance Feet	Altitude /	Altimeter Reads	Tolerance Feet	Attitude Feet	Altimeter Reads	Tolerance Feet
1000		+/- 70	10000		+/- 80	30000	2 10	+/- 140
2000	11/	+/- 70	15000	N)	+/- 90	35000	M	+/- 160
3000	TA	+/- 70	20000	A	+/- 100	40000	N/A	+/- 180
5000	/	+/- 70	25000		+/- 120	50000	N/A	+/- 250

Altitude	Altimeter	Pressure In. of HG	МВ	Adjusted Altimeter Reading	Tolerance Feet	Case Leak	Hysteresis Test	After
-1727	Reads	28.10	952		+/- 25	Test	50%	Test
-1340	W	28.5	965		+/- 25	+/-100	+1-75	+/- 30
-863	260	29	982	960	+/- 25	()	2-2	C
-392	300	29.50	999	400	+/- 25	C.		
0	100	29.92	1013	()	+/- 25		40%	
531	6.30	30.5	1032	570	+/- 25		+/- 75	
893	1000		1046	900	+/- 25		0	
974	1080	30.99	1049	980	+/- 25			

Certification performed by Contin Page

PASS\_\_FAIL\_

#### FAA Repair Station CRS# Y7NR985Y

#### Reference: FAR 91.411, FAR 43 Appendix 8, AC 43-68

#### Phone 410-859-3917-Fex 410-859-0704

#### IFR Certification Altimeter System

Customer Name: OPFN A112		Date: 4-7-14
WIO No: 14-03-006	AC No: N 43 55/	Hobbs: 10417
A/C Make and Model CIRRUS	5222	ACSIN: 2-02 L
Altimeter P/N: 59340 3 A	s	N: 454452
Altimeter Primary:	Secondary: M	ake: UNTIEN INSTRU

	Test No:		
Altitude Feet	Tolerance +/- Feet	Up	Down
-1000	20		-
0	20	****	-
500	20	<del>, -</del> -	_
1000	20	-	
1500	25	-	-
2000	30		
3000	30	20	3444
4000	35	ر 2	1000
6000	40	2.0	
8000	60	2 0	-
10000	80	20	

	Altitude	Pressure	LEEN LIESTON
Altitude Feet	Tolerance +/- Feet	Up	Down
12000	90	30	-
14000	100	7.	
16000	110	3.	
18000	120	Cen	1000
20000	130	60	
22000	140	60	
25000	155		
30000	180	1	1
35000	205	1	
40000	230	N/A	N/A
45000	255	N/A	N/A

	^	_	T.	TEST NO. 2 FRICTION	_			
Altitude Feet	Altimeter Reads	Tolerance Feet	Altitude Feet	Altimeter Reads	Tolerance Feet	Altitude Feet	Altimeter Reads	Toleran
1000	950.	+/- 70	10000	9962	+/- 80	30000	11	+/- 14
2000	1980	+/- 70	15000	14910	+/- 90	35000	14	+/- 16
3000	3000	+/- 70	20000	19960	+/- 100	40000	N/A	+/- 18
5000	5000	+/- 70	25000	NA	+/- 120	50000	N/A	+/- 25

Altitude Difference	Altimeter Reads	Pressure In. of HG	МВ	Adjusted Altimeter Reading	Tolerance Feet	Case Leak	Hysteresis Test	After
-1727	1630	28.10	952	1730	+/- 25	Test	50%	Test
-1340	120	28.5	965	1390	+/- 25	+/-100	+/- 75	+/- 30
-863	760	29	982	8.73	+/- 25	(4)		
-392	300	29.50	999	400	+/- 25	ಲ	420	4/3
0	100	29.92	1013	(53)	+/- 25		40%	
531	440	30.5	1032	541	+/- 25		+/- 75	75.2
893	800	30.9	1046	FU 3	+/- 25		P. \	(a, 1) K
974	550	30.99	1049	780	+/- 25		120	51 6

Certification performed by Cyrilli Papar

PASS FAIL

#### AvDyne AeroServices LLC

P.O. Box 8779 BWI Airport Baltimore, Md. 21240
FAA Repair Station CRS# Y7NR985Y
Phone 410-859-3917~Fax 410-859-0704

#### ATC TRANSPONDER CERTIFICATION

Customer Name: OPEN 612
W/O Number: 14. 03. 00 6
A/C Number: 1 43552
A/C S/N: 2022
Transponder Model: GALMIN G-7# 327
Transponder P/N: 011-00480-03
Transponder 8/N: 8 37/55 49
Encoder Model: ACIL
Encoder P/N: 430
Encoder S/N: /0/579
1. Radio Reply Frequency Test. Pass Fail 2. Suppression Test. Pass Fail 3. Receiver Sensitivity Test. Pass Fail 4. RF Peak Output Power Test. Pass Fail 5. Altitude reporting results. Pass Fail
All Test to be performed in Reference to Federal Aviation Regulation 43 Appendix F and aircraft maintenance manual.
Certification Check performed by: Cyn Hangu
Date: 47-14

**RADIO & ELECTRONIC CHECKS** CHECKED BY: SIGNATURE — CER NEXT CHECK DUE CERT. NO. TYPE OF ERROR OR TOTAL EQUIPMENT DATE CHECKED CHECK RESULTS AvDyne AeroServices, LLC DATE: 04/7/14 MAKE: Cirrus WORKORDER: 14-03-006 MODEL: SR 22 TOTAL TIME: SERIAL NO.: 2022 **TAC TIME: 1061.7 REGISTRATION NO.: N435SR** 1. Altimeter, static system and altitude reporter has been tested as required by FAR 91.411 for all components tested as per FAR 43 appendix E and AC 43-6B. Tested to 20,000 feet. Primary altimeter model: Avidyne PN: 700-00006-000 SN: 20715056 Secondary altimeter model: United Instructions PN: 5934D-3A SN: 454452 Encoder Model: ACK PN: A30 SN: 101574 All components have been found to meet the requirements of FAR91.411 and in approved for return to service. Pertinent details of inspection are on file at agency under Work Order No.: 14-03-006 Date: 04/7/34) Signed: For AvDyne AeroServices LLC CRS #Y7NR985Y

				A CONTRACTOR OF THE CONTRACTOR		
TE	TIME	CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY:
		I CERTIFY TH STATIC SYST HAVE BEEN UNIT #1 ALTIME #2 ALTIME ENCODER	ER AVIONICS INC. C  HAT THE ALTIMETER, ENC TEM TESTS REQUIRED BY PERFORMED I/AW FAR A  TYPE TER AVIOLOGY TER Unive TER Unive STEM TEST DATE	ODER AND FAR 91.411  A APPENDIX E  TESTED TO  20.000  UN  CO.000  #1	TRANSP GTX 327	CS INC IN SPONDER (S) 1.413 HAS BEEN APPENDIX F
			<i>N</i>	Y J		
				1.7		
			7.7			
			1-1	77		
					ĺ	
	1/					

12/14/2011.



#### LANCASTER AVIONICS, INC

### \_\_\_\_

#### ALTIMETERISTATIC ENGENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

	Customer:	Fly A	dva	nced	Aircraft Type:	\$RZ	2		N#:	1	1435\$	
			Name of Street			-	Test Alt	1	lot	13		Pilot
Aldmeter	Manufecturer	Part Num	ber	Sen	al Number	Teet Ceiting	20.000	Digreti	DIM	سناا	Disert.	Die
Pilot	Avidue	Exesoo	-	The state of the s	05/XH8_	System Leek	22 cm	A CHARLE	<b>EEEE</b>	To		
Co-Pilot	united	69340-3			4452-	Hysteresis	10,000		NA	+1- 7	5 +15	+35
Encoder	Ack	A-30			1574	50%	10,000		1		100	-
						40%	8,000			+1- 7	120	+2
		(1)	1 ) 10°			After Effect	0			•/- 30	+10	+10
0.00			e tuvo			Market "	10000	displaying	200	- 33	Michael Clark	
Error	Pilot	Co-Pllot	101		Encoder 12		1	A Part of Part	Frictio			
-1000	-		20	1/4		<b>0</b> 5		Pil	ot	Tol	Co-I	2.161
zero		+10	20			105	1000	No	4	70	25	
500		0	20	500		05	2000	1		70	20	
1000	1	+16	20	100		ias	3000			70	30	
1500	-		25	1500		:05	5000			70	40	
2000		125	30	200	22.7	100	10000			80	45	
3000	+	+20	30	300		105	15000			90	50	
4000	1	+25	35	400		100	20000	X X		100	55	
6000		+25	40	600		105	25000			120		
8000	-	+20	60	800		105	30000			140		
10000		+15	80	100		110	35000			160		
12000		15	90	12.0	700	.115	40000			180		
14000		+10	100	140		115	50000			250		
16000		+5	110	160		015		ressure	· All Diff	Tol		
18000		+15	120	18 00	20 18	11/5	<b>"</b>	Pilo		Tol	Co-Pil	
20000		+35	130	200		120	28 10"	-1730		1727	-/7/	
22000			140				28 50"	-1340		340	-1325	_
25000	-		155				29 00"	-845		863	-850	-
30000	-		180				29 50"	-385		397	-175	
35000			205				29 92"	+ 5		•r0	+10	-
40000			230				30 50"	+ 535		53	+545	
45000	-		255				30 90"	+ 900		693	+ 905	
50000			280			السيا	30.99"	+ 1/3	:	974	+ 770	
فقينهم		PASS		FAI	L	-		1/-	11.	1		1
Pliot A	timeter	×	S (			10	chnician	13/1	(Sign	sture)		$\neg$
	t Altimeter	<del>- ×</del>					Date	4	1-16	A. A. S. S. C.		
Encode	ər	У.			السال		Date	2.5	-	_		

(717) 569-1953 Phone (717) 569-1722 Fex Lancaster Avionics Inc. 500-U Airport Rd Lititz, PA 17543

CRS# LN7R261N

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

AGENCY & CERTIFICATE NO.

DATE OF

AIRCRAFT TIME

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED COMPLETION IN SERVICE WORK PERFORMED/RETURNED TO SERV MAKE: Cirrus MODEL: SR22 Cirrus Jet DATE: 4/11/2010 A/C TSN: 726.3 HOBBS: 726.3 S/N: 2022 Duluth, MN 55811 REG. NO: N435SR WORK ORDER: 11000374-02-2010 **Airframe Entries** (16) This aircraft, N435SR ASN 2022, has been owned & operated Cirrus Design Corporation since new. On 26 June 2006 @ 5 6 HRS Hobbs, a Standard Airworthiness Certificate was issued. On 17 July 2006 @ 5.6 HRS Hobbs an Experimental Airworthiness Certificate was issued for the purpose of Research & Development / Market Survey on power plant turbo-normalizing equipment and avionics systems. The Aircraft was operated in the Experimental Catagory until 11 April 2010 @ 726.3 HRS. Airframe maintenance records of the period of experimental operation are on file @ Cirrus Design Corporation. At 726.3 HRS hobbs; - All experimental equipment was removed from the airframe & power plant The airframe & power plant were returned to standard configuration. A yearly condition inspection was completed on the airframe & power plant. On 12 April 2010, the aircraft was returned to the Standard Catagory. Reference Entry on Page 44 of The Inspection Record Section of Airframe logbook. A record of the return to standard configuration follows below....(18) Removed Turbo-normalizing equipment from Engine Model #IO-550-N42, S/N 689796 originally installed at Tornado Alley Turbo Inc. on 04 AUG 2006 at 12.5 HRS TT. RETURNED ENGINE TO NORMALLY ASPIRATED CONFIGURATION IAW TCDS NO. E3SO @ 726.3 HRS ENGINE TTSN. AIRFRAME TIMES @ INSTALLATION; Hobbs 726.3 hrs , Flight 699.3 Hrs. Installed NEW L & R magnetos TCM P/N 10-500556-1; S/N DIOAAO74(Left) & S/N DIOAAO76 1 of 3 CONTINUED ON PAGE 30

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

(Right) IAW TCM maintenance manual section 12-5. Installed new engine driven Fuel pump P/N 655921-EAI, S/N BO9LAOO3 IAW TCM MM Section 13 & TCM SID 97-3E. Installed new new Fuel injectors P/N's 657068-1234,-2234,-3239,-4236,-5236,-6229 IAW TCM MM 13-7 Installed OTY 12 Champion Spark plugs P/N RHB32E IAW CDC SR22 MM 74-20. Run-up & Leak check- Satisfactory(19) Removed all experimental // flight test avionics and electrical equipment IAW Standard Maintenance Practices(22) Installed Propeller Model PHC-J3YF-1RF S/N FP5362B on Engine Model NO. IO-550-N42, S/N 691796 on Cirrus airframe S/N 22-2022 IAW Hartzel MM 115N, Sec. 61-00-15. Propeller TT / TSN 411.0 HRS. Engine TT /TSN 7263, Airframe times Hobbs 726, 3 Flight 693. Hrs(23) Complied with CDC Repair Deviation No. R09998 dated 07 April 2010 IAW; items 1-4 by perforning composite repairs to antenna holes at; Upper BLO-8.5/FS200, Upper BLO/FS140, Upper BLO/FS188, Lower BLO/FS249 and Lower BLO/FS240, item 5 by repairing QTY 6 penetrations to the fireshield & firewall, item 6 by performing composite repairs to the aft floor, item 7 by repairing the L & R lower cowl halves, item 8 by repairing / modifying the RH front engine baffle, item 9 by removing, priming, painting & reinstalling the lower engine attach bridge and lower engine attach plates, Item 10 by installing Qty 2 Magnetometer brackets to RH upper wing skin and item 10 by adding nutplates to the console assembly(24) Restored A/P disconnect relay wiring to standard configuration IAW CDC SR22 WM 27-30-01(25) Removed TATI wiring from firewall forward wire harness and returned harness to original condition IAW SR22 wiring manual and CDC spec 90014(27) Fabricated and installed P/N 16615-001 alternator 1 power cable IAW CDC DWG NO. 16615 and CDC Process Specification 90014(28) Removed & replaced firewall forward hot air valve W/new P/N 20763-003 IAW CDC SR22 MM 21-40(29) Removed & replaced firewall forward hot air valve W/new P/N 10894-004 IAW 53-40(31) Removed and replaced con	CY & CERTIFICATE NO. RMED/RETURNED TO SER
(Right) IAW TCM maintenance manual section 12-5. Installed new engine driven Fuel pump P/N 655921-EAI, S/N BO9LAOO3 IAW TCM MM Section 13 & TCM SID 97-3E. Installed new new Fuel injectors P/N's 657068-1234,-2234,-3239,-4236,-5236,-6229 IAW TCM MM 13-7 Installed QTY 12 Champion Spark plugs P/N RHB32E IAW CDC SR22 MM 74-20. Run-up & Leak check- Satisfactory(19) Removed all experimental / flight test avionics and electrical equipment IAW Standard Maintenance Practices(22) Installed Propeller Model PHC-J3YF-1RF S/N FP5362B on Engine Model NO. IO-550-N42, S/N 691796 on Cirrus airframe S/N 22-2022 IAW Hartzel MM 115N, Sec. 61-00-15. Propeller TT / TSN 411.0 HRS. Engine TT /TSN 726.3, Airframe times Hobbs 726.3 Flight 699.3 Hrs(23) Compiled with CDC Repair Deviation No. Ro9998 dated 07 April 2010 IAW; items 1-4 by performing composite repairs to antenna holes at; Upper BL0-8.5/FS200, Upper BL0/FS140, Upper BL0/FS168, Lower BL0/FS249 and Lower BL0/FS240, item 5 by repairing QTY 6 penetrations to the fireshield & firewall, item 6 by performing composite repairs to the aft floor, item 7 by repairing the L & R lower cowl halves, item 8 by repairing / modifying the RH front engine attach plates, Item 10 by installing Qty 2 Magnetometer brackets to RH upper wing skin and item 10 by adding nutplates to the console assembly(24) Restored A/P disconnect relay wiring to standard configuration IAW CDC SR22 Wiring Manual 22-11-01 pg 4(25) Restored electrical portion of Pitch Trim system to standard configuration IAW CDC SR22 WM 27-30-01(26) Removed TATI wiring from firewall forward wire harness and returned harness to original condition IAW SR22 wiring manual and CDC spec 90014(27) Fabricated and installed P/N 16615-001 alternator 1 power cable IAW CDC DWG NO. 16615 and CDC Process Specification 90014(28) Removed & replaced battery 1 bracket W/n new P/N 10894-004 IAW 53-40(31) Removed and replaced console bolster panel W/n new P/N 19132-002 IAW CDC DWG P/N 21861-001 (IH) IAW CDC SR22 MM 52-10 &	TO SER
(Right) IAW TCM maintenance manual section 12-5. Installed new engine driven Fuel pump P/N 655921-EAI, S/N BO9LAOO3 IAW TCM MM Section 13 & TCM SID 97-3E. Installed new new Fuel injectors P/N's 657068-1234,-2234,-3239,-4236,-5236,-6229 IAW TCM MM 13-7 Installed QTY 12 Champion Spark plugs P/N RHB32E IAW CDC SR22 MM 74-20. Run-up & Leak check- Satisfactory(19) Removed all experimental / flight test avionics and electrical equipment IAW Standard Maintenance Practices(22) Installed Propeller Model PHC-J3YF-1RF S/N FP5362B on Engine Model NO. IO-550-N42, S/N 691796 on Cirrus airframe S/N 22-2022 IAW Hartzel MM 115N, Sec. 61-00-15. Propeller TT / TSN 411.0 HRS. Engine TT /TSN 726.3, Airframe times Hobbs 726.3 Flight 699.3 Hrs(23) Complied with CDC Repair Deviation No. R09998 dated 07 April 2010 IAW; items 1-4 by performing composite repairs to antenna holes at; Upper BL0-8.5/FS200, Upper BL0/FS140, Upper BL0/FS168, Lower BL0/FS249 and Lower BL0/FS240, item 5 by repairing QTY 6 penetrations to the fireshield & firewall, item 6 by performing composite repairs to the aft floor, item 7 by repairing the L & R lower cowl halves, item 8 by repairing / modifying the RH front engine baffle, item 9 by removing, priming, painting & reinstalling the lower engine attach bridge and lower engine attach plates, Item 10 by installing Qty 2 Magnetometer brackets to RH upper wing skin and item 10 by adding nutplates to the console assembly(24) Restored A/P disconnect relay wiring to standard configuration IAW CDC SR22 Wfring Manual 22-11-01 pg 4(25) Restored electrical portion of Pitch Trim system to standard configuration IAW CDC SR22 Wm 27-30-01(26) Removed TATI wiring from firewall forward wire harness and returned harness to original condition IAW SR22 wiring manual and CDC spec 90014(27) Fabricated and installed P/N 16615-001 alternator 1 power cable IAW CDC DWG NO. 16615 and CDC Process Specification 90014(28) Removed & replaced firewall forward hot air valve W/ new P/N 20763-003 IAW CDC SR22 MM 2	
Repaired wires PGAL119-18, PGAL130-20 and EEFP151-22 in Firewall Forward Wire Harness. IAW CDC Process Specification 90014 and standard maintenance practices(34) Removed & replaced ECS manifold assembly with new P/N 20713-003 IAW CDC SR22 MM 21-20(37) Installed W940 XM Harness P/N 16136-002 IAW CDC DWG. 16995-001(38) Installed W730 Flight Director Harness P/N 16171-002 IAW 2 of 3	

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERF OR APPROVED DATA US	8.9	AGENCY & CERTIFICATE NO.
		ar noved Data Us	ED WOKE	K PERFORMED/RETURNED TO SER
	DC DWG 16172-002	(39) Installed P/N 15597-001 TAWS / EGPWS	S wire harness IAW CDC DWG	
n	ew alternate air control of	cable P/N 14067-002 IAW CDC SR22 MM 71	W CDC DWG. 16703(41) Installed	
9	addition doscinibly lave (	000 3R22 WW 76-10 & figure 76-101 (46)	Restored Ditot and Static evetom to	
u	Sing Kit I /14 / 0003-0/. II	N CDC DWG 20351-003(49) Installed XM Installed XM radio IAW CDC SB 2X-34-14R1 u	leing Kit D/N 70110 006 Pagainer	9 <del></del>
P/	/N 0108-15-P4, S/N 061	7-16037 IAW CDC SR22 MM 22-11(51) Ins	servo CDC P/N 14149-101, S-Tec	
C	able CDC P/N 15909-10	01 IAW CDC SR22 MM 34-30(53) Installed 1-007 IAW CDC DWG's 20731-006, 20702-00	new cabin air control assembly &	
O <sub>F</sub>	perational check - Satisf	factory(54) Reinstalled original configuration	Avidyne PED MED and radio stack	-
Ele	ectrical components and	ole CDC SR22 MM sections. Performed comp d systems IAW CDC Production Acceptance S	Specification 90404, All Checks-	·
Sa	atisfactory at this time	(57) Fitted & installed the following new interior lister covers, Center bolster cover, L & R cabir	or panels IAW CDC SR22 MM 25-10	<b>!</b>
	bin side panels.	3101 007010, 001101 201010 20701, 2 0 11 00011	I dil Guet covers and E & It Itea	
DAT	"E- 4/41/2010	SIGNED Steve 27 18h	Work Order: 11000374-02-20	10
DAT	TE: 4/11/2010	SIGNED: Dev Zously Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DA1	TE: 4/11/2010	SIGNED: Deve Zously Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DAT	TE: 4/11/2010	SIGNED: Dev Zously Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DAT	TE: 4/11/2010	SIGNED: Dev Zowy Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DAT	TE: 4/11/2010	SIGNED: Dev Zousty Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DAT	TE: 4/11/2010	SIGNED: Dev Dowly Goessling, Steve, A&P: 3043505	Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DA	TE: 4/11/2010		Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.com	
DA	TE: 4/11/2010		Work Order: 11000374-02-20 Printed by EBis 3 (datcomedia.co.	

DATE OF -	MAKE: Cirrus MODEL: SR22 S/N: 2022 REG. NO. N435SR AI WORK ORDER: 11000336-07-2009	Cirrus Jet Duluth, MN 55811				DATE: 4/12/2010 A/C TSN: 729.1 HOBBS: 729.1	RTIFICATE NO. RETURNED TO SERV
	using CDC SR22 IAW CDC form Q IAW CDC SR22 N plates and bridge; Lubricated areas a extinguisher IAW Functional check P/N 13562-002 I/ satisfactory(25) required by FAR's and AC 43-6A. N logbook(27) Pe satisfactory(28) serviced hydraulic and reinstalled IAI 14064-102 IAW C SR22 AMM 30-05 assembly w/new G Run-up & leak che MM 5-30- Satisfac	A.M.M. 05-20 schedul AF10.11 & applicable MM 12-10(18) Rem Prime & Paint IAW Cost as required IAW CDC CDC SR22 MM 26-20 I.A.W. 14 CFR 91.207 AW SR22 MM 34-10. The required 24 mort 91.411, 91.413, & 91 ext Test Due 8 April 2 formed 24 month ma Serviced aircraft tires reservoir IAW SR22 W SR22 AMM 32-41 DC SR22 MM 76-10 System Function sa CDC P/N 11839-001 I. eck-satisfactory(34) tory(37) Weighed a lots Operating Handb 5 revolutions to achie pressure to aprox 55	inspection I.A.W. the suled inspection report.  SR22 MM sections. A loved, primed, painted CDC AMM 51-20, Inst.  MM 12-20 Figure 12-0(23) Performed En 7(24) Removed & reserved in the altimeter, static syst. 217 were found to be 2012. Reference CDC agnetometer calibration in IAW CDC SR22 MM AMM 32-42(30) Resulting at the state of the altimeter of the	(14) Performed III values within and reinstalled allation IAW CE 201(22) Perhargency Locate placed standby S/N T49152 etc., transponde within the limit MFG label affining IAW CDC SR Figure 12-101moved wheels placed propelle ational checks(33) Removed S/N 2780 (removed wheels ational and feractional and	ed control surface riggen limits(17) Service of lower engine mount DC Drawing 24850 formed inspection/chitor Transmitter (E.L.T y airspeed indicator v (installed) Functional der, and altitude repoilts of FAR 43 appendixed on page 17 of air (22 MM 34-20, functional) engine for the ice protection of	ging checks d Battery 1 attach (20) eck of fire .) - // serviced check- rter tests ces E & F frame conal check- stem and bearings new P/N system IAW fuel pump alled). CDC SR22 d Governor -20(40) A section	
	I certify that this aircra FAA-approved prograi  DATE: 4/12/2010	ns, and found to be in a	date in accordance with the condition for safe operated with the condition for safe o	he scope and det	Work Order: 1100 Printed by EBis 3 (da	0336-07-2009	

F.A.R. 43.9

AGENCY & CERTIFICATE NO. DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED DATE OF COMPLETION AIRCRAFT TIME WORK PERFORMED/RETURNED TO SERVI IN SERVICE DATE: 4/12/2010 A/C TSN: 729.1 HOBBS: 730.1 MAKE: Cirrus MODEL: SR22 Cirrus Jet Duluth, MN 55811 S/N: 2022 REG. NO. N435SR WORK ORDER: 11000386-04-2010 Airframe Entries (1) Removed and replaced VOR antenna. PN: 12742-001. S/N Out: 131630, S/N In: 318018. Functional check on ground with NAV 402 test set - Satisfacory....(2) Repaired damaged wire on co-pilot side passenger mic jack law CDC specification 90014. Passed operational test law CDC specification 90404....(3) Affix roll trim & "Grab Here" stickers to bolster panels IAW SR22 MM 11-30....(4) Installed fly-away kit in aircraft....(5) Applied caulk fillet to XM antenna IAW standard maintenance practices....(6) Replaced inline resistor, R632, with identical part IAWCDC specification 90014. Verified autopilot disconnect tone per CDC specification 90404....(7) Removed and replaced GNS 430 #1. PN: 011-00280-00 SN: 96300828 removed. PN: 011-00280-10, SN: 97138418 installed. Funct ck ok on ground....(8) Removed and replaced GNS 430 #2 to match set with GNS 430 #1. Removed PN: 011-00280-10, SN: 97112073. Installed PN: 011-00280-10, SN: 97138443. Funct ck ok on ground. DATE: 4/12/2010 SIGNED: Work Order: 11000386-04-2010 Goessling, Steve, A&P: 3043505 Printed by EBis 3 (datcomedia.com) April 30, 2010 Tach: 737.0 Hobbs: 763.9 Cirrus Model SR22 S/N: 2022 Replaced #5 exhaust riser with new P/N: 5070-03. This aircraft is approved for return to service with respect to the above work performed. Jesus Torres AP 527477618 IA W.O.# 5663

## MAINTENANCE RECORD F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA LISED

DATE OF MPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MODI S/N REG WOR	EL SR22-G2 22-2022 Repa NO 435SR 4514 PK ORDER Dulut	rus Design Factory Service Center ir Station No YD5R855Y Taylor Circle h, MN 55811 e 218-788-3438	DATE 7/8/2010  A/C TSN 770 1  FLIGHTTIME 743 2
(11) per s N-Re AMN AMN 520 Allet Maii	SR-22 AMM chapter 12-20 Ver egistration" Placard to instrumer A 25-10 (21) Resecured Hobb A ch 32-10 (25) Removed an 10-008U on LH and RH Door op rons IAW CDC SR22 AMM chap intenance Practices (41) Remove reviewed the file on this aircrust repaired/inspected in accordan	nnect to meet specified limits IAW SR-22 AMM chapter 27-20. Lubric: infied aileron travels IAW SR-22 AMM chapter 27-20. Operational check to panel IAW AMM 11-00. (19) Resecured Pilots Drink holder w/new to see and Flight meters IAW AMM 31-30. (24) Removed and replaced Lind replaced RH fuel drain line p/n. 13913-002, IAW AMM chapter. 71-7 senings IAW AMM 53-40. (35) Removed and Replaced Both Aileron Coster 57-50. (39) Corrected Exterior Cosmetic and Paint Discrepancies oved and replaced secondary battery due time change IAW AMM ch. 2 aft and the accompanying discrepancy forms. The aircraft, airframe, a nice with current requirements of the Federal Awation Administration and entified Repair Station CRS YD5R855Y.	k satisfactory (17) Resecured " fasteners P/N's 51385-002 and 51386-001 IAW I upper wheel pant bracket p/n 13522-001 IAW 0 (29) Installed New Door Seat P/N Gap-Seats P/N 14390-002 for L/H and R/H s IAW CDC SR22 AMM 51-20 and Standard 24-30 and 5-10, operational check good
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Robert Powell Certified Repair Station No YD5R855Y	Printed by EBis 3 (datcomedia.com)

F.A.R. 43.9 DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

	to the second		. 43.7	
DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK OR APPROVED DA		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SE
MAKE Cirus MODEL SR22 S/N 22-2022 REG NO 4355 WORK ORDER 13736-07-2010 Airframe E (2) (Flight time 1) ANN 21-80 and	SR CIRAUS  Intries 746 8) Corrected Configura 1 Avidyne MFD Manual Op	Cirrus Design Factory Sorv Repair Station No. YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone. 218-788-3438 tion Values for Start-Up Page and venfied con- terational Check Good. (3) Adjusted the left	rect Aircraft Configuration on AVID cabin Joor Liver striker pin IAW S	
I have reviewed to was repaired/insidetails of repair a DATE: 7/21/20	spected in accordance with a are on file at this Certified Ro	ne accompanying discrepancy form. The current requirements of the Federal Station CRS YD5R855Y		Avork Order: 13736-07-2010  by EBis 3 (datcomedia.com)
- [	Peters Certifie	on, Daniel J ed Repair Station No. YD5R855Y		

LOG ID# 8228 23-I N435SR S/N 2022 FHM 793.4  AIRFRAME *COMPLETED ANNUAL II 5-00. ALL AD'S AND S 3/31/2012. *REMOVED GASCOLATOR AND BOWL WITH NEW S 28-20. *C/W SB 2X-32-19R2, *VERIFIED OPERATION *INSPECTED AIRCRAFT APPLICABLE FAA GUIDAL NEXT INSPECTION DUE *INSPECTED HAND HELD WEIGHED, PLACARDED, A INSPECTION DUE 3/31/2 *REMOVED AND REPLACED 993.4 FHM OR 3/31/201 *REMOVED AND REPLACED SR22 MM 25-10.	NSPECTION AND LUBRICATION IA 5B'S RESEARCHED THROUGH CURR BOWL AND SCREEN, CLEANED AND EALS, P/N MS29513-137, NASI: NLG ASSEMBLY INSPECTION. NO OF FHM PRESSURE SWITCH. OPSELT SYSTEM ACCORDING TO AIRCNEE. ELT FOUND TO MEET REQUI 3/31/2012. FIRE EXTINGUISHER FOR PROPE AND REINSTALLED EXTINGUISHER FO12. INDUCTION AIR FILTER, P/N 2. RH SUNVISOR MOUNT, P/N 1505	F 5275 AC TT 793.4 HOBBS ( IN FAR 91.409, FAR 43 APPENDIX ENT ATP REVISION. NEXT ANNUAL DINSPECTED SCREEN, AND REINS 123-8B. OPS/LEAK CHECK GOOD, CRACKS NOTED. NEXT INSPECTION CHECK: GOOD. RAFT AND ELT MANUFACTURER'S REMENTS OF SECTION 91.207(D) R INSTALLATION; REMOVED, INS IN AIRCRAFT. ALL IAW CIRRUS 134-24, IAW CIRRUS SR22 MM 71 150-103, AND ADJUSTED LH SUNVI	Pg 1/2  X D, AND CIRRUS SR22 MM L INSPECTION DUE  STALLED GASCOLATOR SCREEN ALL IAW CIRRUS SR22 MM ON DUE AT 893.4 FHM.  INSTRUCTIONS AND D. BATTERIES DUE 03/2012.  SPECTED FOR DAMAGE, S SR22 MM 26-20. NEXT  -60. NEXT CHANGE DUE  ISOR TENSION IAW CIRRUS  PS CHECK: GOOD.
*ROTATED RH MLG TIRE	DEFROST DUCT, P/N 51569-200 ON WHEEL ASSEMBLY FOR EXTEND RH BRAKE DISC, P/N APS164-0	ED LIFE IAN CIRROS SALE IN .	
	VI STAN	CHARLE Y	

35SR S/N 20 IM 793.4			N	~~Pg <b>2</b> 72
NLG REBOUND BI WOVED AND REPL D. NEXT CHANGE WOVED AND REPL JUSTED MAX RPM WPLETED WET CO	UMPER, P/N 18380-001, ACED ANTI-ICE FILTER, DUE AT 1993.4 FHM OR ACED HARTZELL PROPELLE SETTING AS REQUIRED I MPASS OPERATIONAL TEST	P/N 26115-101, IAW CIRE 3/31/2013. R SPINNER, P/N C-3532- IAW CIRRUS SR22 MM 61-20 IAW CIRRUS SR22 MM 34-20	5P-REP, IAW CIRRUS SR22 MM ). OPS CHECK: GOOD. -20.	CHECK: 61-10.
RTIFY THAT THE	IS AIRCRAFT HAS BEEN I IN AIRWORTHY CONDITION	INSPECTED IN ACCORDANCE	WITH AN ANNUAL INSPECTION	ACCORDANCE
CHODENT FFDF	NANCE PERFORMED.	GULATIONS AND IS HEREBY $93-11$	Y APPROVED FOR RETURN TO SE	RVICE WITH
LAS DUNCAN	A&P/IA 3384163	DATE		
MAKE: Cimus MODEL: SR22 S/N: 2022 REG. NO: N435SR	Advanced Aircraft Ser 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179	vices	DATE: 3/23/2012 A/C TSN: 849.3 HOBBS: 889.5	
2132-02-2012 Airframe Entries Cirrus Airframe Annu airframe. Checked ca	ible tensions. Serviced the gascoli	Cirrus AMM check list ch 5-20. Per ator. ELT inspected in accordance v	APS reefing line cutters, serial	
airframe. Checked ca due 03/14, All AD's co numbers 2025 and 20 good Removed and and replaced the EM/ Next replacement due	ible tensions. Serviced the gascon urrent thru 2012-05. Ops check go 334, next due Oct 2017 Remove d replaced ELT batteries next due A controller. e April 2019 AD 2012-03-06 Avs	and the Common of the Common o	APS reefing line cutters, serial , Rigged ailerons, ops check ries, next due Mar 2014 Removed 51 Starter Adapter. N/A AD	
Airframe Entries Cirrus Airframe Annuairframe. Checked cadue 03/14. All AD's conumbers 2025 and 20 good Removed and replaced the EMinext replacement due 1011-11-04 Hyd Lifternstalled Repaired	able tensions. Serviced the gascondurrent thru 2012-05. Ops check go 3034, next due Oct 2017 Removed replaced ELT batteries next due A controller.  a April 2019 AD 2012-03-06 Avs.  rs. N/A C/W SB 2X-27-16 R1 flathe #4 header collector bracket. R	and the Common and replaced the #2 batter Diaphrams. N/A AD 2011-25-5 ap actuator mod SB 2X-74-01 Find Removed and replaced the #4 heads	APS reefing line cutters, serial , Rigged allerons, ops check ries, next due Mar 2014 Removed 51 Starter Adapter. N/A AD e wire plugs, N/A, massive plugs are or to collector bolt Removed and	

CON

		F.A	.R. 43.9	
-	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WO	DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED (PETUBLISHED)
-12	Hobbs 934, 2	Troubleshor	13 SKymard	CO CO
	FIF. 885.8	Sec. No. 8386	7) = 1000100	System (Processor
1		10050 - 5	Lound anter	na Mounting hardware
		JC10WJ J	Chipped Replace	4 4 Centenno man +
+		Screws & nuts	ensured Coax	LANCASTER AVIONICS INC
		nnectors tight;	Performed Antenn	LANCASTER AIRPORT
		innectors tight;	Che inflyin. All	DATE 11-12-12
	41	round chiks of D	etails on file. WO 176	SSIGNEY Induly from fire
	ľ	md. 68	VanCo 6	me)
1			1241	
$\top$		1		
1				
1			Visit	
<del> </del>			T-tomate T	
<b> </b>				

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

		Г. <i>F</i>	1.K. 43.9	
DATE OF COMPLETION	AIRCRAFT TIN IN SERVICE		ORK PERFORMED D DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SE
	MAKE: Cirrus MODEL: SR22 S/N: 2022 REG. NO: N435SR WORK ORDER: 2569-11-2012 Airframe Entries	Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179  ns at the baffle pass through connector. Ope	s check good Secured the loose rubber	DATE: 11/15/2012 A/C TSN: 885.8 HOBBS: 934.2
	Maintenance Release The aircraft and/or compo	onent(s) on N435SR was repaired and inspe	ected in accordance with the current rules	and regulations
	of Title 14 of the Code of DATE: 11/15/2012	Federal Regulations, was found Airworthy a	_/	r: 2569-11-2012
		Joel A. Glover, IA: 2849196	Printed by EBis 3 (d	atcomedia.com)
*	\$60			
		P		
		1 of 1		
	And the second of the second o			

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

The second secon	 _		/	TJ	• •		
DATE OF COMPLETION	Opened all a (d) ELT insp all brakes ar wheel bearin using all new assembly, no aircraft from air filter, chec bolt replacen control arm b serviced main and brake lin time.	access pan bection, bath nd wheels, ngs, reinsta v linings, so defects no jacks, replacked and conent, due a by adding by an battery, coning break-i	Model: SR22 els, inspected tery due March inspected wheels, inhims and bled oted at this time aced number 4 leaned fuel filte gain at FHM 1 tushing to conticosed all paner, operation sl	SN: 2022 and lubed a 2014, place spected brassystem, c/ve, due aga and 5 EG arr, c/w SB 2390.1 or 04 rol arm, duels, ran aircomows normal accted in accepted and accepted acce	Fit Hobbs:890.1  all controls, c/w FAR 9  bed aircraft on jacks, red, inspected and repact  ake calipers and reinst  w SB 2X-32-19 R2 NL  in at FHM 990.1 remo  T probes, replaced ind  2X-05-02 Induction Flat-2015, repaired flappe  e to no parts available  raft for operation, leak  all and no leaks found  ccordance with a Annu-	1.207 emoved cked all called G ved duction apper er e, check at this	AGENCY & CERTIFICATE NO. PERFORMED/RETURNED TO SER
		David	D. Hopkins	304	41709 IA		

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

- 7, 1111 1313	
DATE OF IN SERVICE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERV
LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R26 LOG ID# 3211 14-May-2013 WO# 18109 AC TT 947.9 HOBBS 947.9 N435SR S/N 2022 CIRRUS DESIGN CORP. SR22 FLIGHT TIME 894.5	Pg 1 / 1
**** ITEM # 18109-1 REPLACE AUTOPILOT DISC. SWITCH **** DISCREPANCY: REPLACE AUTOPILOT DISCONNECT SWITCH. ACTION: REMOVED AND REPLACED AUTOPILOT DISCONNECT SWITCH. RAMP CHECKS GOOD.  **** ITEM # 18109-2 REPAIR XM WEATHER **** DISCREPANCY: XM WEATHER HAS WEAK TO NO SIGNAL RECEPTION. ACTION: RAMP CHECKED AND VERIFIED FAULT. ISOLATED PROBLEM TO A FAULTY XM WEATHER ALDEFERS REPAIR, NO FURTHER ACTION TAKEN.	NTENNA. CUSTOMER
CRS# LN7R261N JAMES GOOD  5-21-13 CIRRUS SR22 N435 \$ R, HOBBS = 950.7,  PLENOUSED FRUED COMMUNE TO MYX DATALINK	FLT=896.5
REMOJED FAILED COMANT XM WX DATALINK. PM CI420-1 S/N 134216 AND INSTALLED COMAN DATALINK ANTENNA, P/N CI420-1, S/N 419032 WORK WAS ACCOMPLISHED I.A.W. THE MANUFAC INSTRUCTIONS. OPERATIONAL TESTS PASSED.	TURER'S
LANCASTER AVIONICS INC  LANCASTER AIRPORT  LITITZ, PA 17543  DATE 5-21-13  CERTIFICATE NO. LN78261N  SIGNED Sieherd & Statte	

F.A.R. 43.9

DESCRIPTION OF WORK PERFORMED

OR APPROVED DATA USED

		F.A.R. 43.9	
OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
TION	05-31-20	Engine Entry 013 N435SR Model: SR22 SN: 2022 Flt Hobbs:897.1	
	Removed sparkplug	d and replaced all sparkplugs with new Tempest URHB32E gs, ran engine for operation, operation shows normal.	
		David D. Hopkins 3041709 IA	
-+		Figure 1997	
		Emerge And	

		INSPECTION RECORD
1.00	AIRCRAFT TIME	F.A.R. 43.11-91.409
DATE	IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	E 4. 1185	ALTROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
20.5.00	5.6/185	
		Production Flight Test accomplished in accordance with
		Cirrus Procedure #90502.
		Name: Brian J Olson Date ZO Sun OL
	1	Name: Brian J Olson Date ZO Jun OC Signature: Flores
	-	Signature: 5 Con-
		Title: Production Flight Test Pilot
		The Todaction Flight Test Phot
	-	
	<b> </b>	
ur 26-200	8 5.6	
		certification requested and have issued an U.S. Standard
		Airworthiness Certificate dated July 76 / 2006 —
		Airworthiness Certificate dated July 76 / 2006.  The next inspection is due July 30 / 7007.
		- IR ful-
		PAUL R. SITKO
	i l	DMIR-410373-CE
		DMIK-4103/3-CL

INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-12-200	1,29.1	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 4 /12 /2010  The next inspection is due 4 /30/2011  Jeffrey K. Holter  DMIR410073CE
		11-11-2013 N435SR Model: SR22 SN: 2022 Fit Hobbs:973.4
		Removed number 1 battery, serviced and installed new G-243 battery, SN: G02775673, aircraft run up shows normal operation.  David D. Hopkins  3141709 IA

# INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING

3)		THE THE THE DIS	SALL KOVING AIRCRAFT TOR SERVICE		
MAKE: Cirrus MODEL: SR22 SERIAL NO.: 2 REGISTRATIO 1. Troubleshoot t 001 test per CMM 2. Cleaned electric	N NO.: N435SR raffic unit using pitot/static test bo 34-40 pg. 13 thru 21. Ops check of cal connectors to map sensor. Run	Ops check okay.			
This aircraft and or current Federal Avi- of the repair are on Date: 01/24/14	component identified above was repa ition Regulations and was found airw	ired and inspected in according to service	ardanas viilla		
	rvices LLC CRS #Y7NR985Y	t	<del></del>		
		V. 1			
<del> </del>					
	MAKE: Cirrus MODEL: SR22 SERIAL NO.: 20 REGISTRATIO 1. Troubleshoot to 001 test per CMM 2. Cleaned electri """"""""""""""""""""""""""""""""""""	MAKE: Cirrus MODEL: SR22 SERIAL NO.: 2022 REGISTRATION NO.: N435SR  1. Troubleshoot traffic unit using pitot/static test bo 001 test per CMM34-40 pg. 13 thru 21. Ops check of 2. Cleaned electrical connectors to map sensor. Run ////////////////////////////////////	MAKE: Cirrus  MODEL: SR22  SERIAL NO.: 2022  REGISTRATION NO.: N435SR  1. Troubleshoot traffic unit using pitot/static test box. Replaced airspeed so 001 test per CMM34-40 pg. 13 thru 21. Ops check okay.  2. Cleaned electrical connectors to map sensor. Run up checks oakay.		

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

ATE	AIRCRAFT TIME IN SERVICE SIGNATURE CERT	IND OF INSPECTION - STATUS & DISCREPANCY LIST  I. NO. OF PERSON APPROVING OR DISCAPPROVING AIRCRAFT FOR ST	EDVICE
			<u></u>
	AvDyne AeroServices, LL	C	
	MAKE: Cirrus	DATE: 04/11/14 / 72	10-57-5
	MODEL: SR22	WORKORDER: 14-03-006	
	SERIAL NO.: 2022	<b>TOTAL TIME: 1061.4</b>	
	PROJECTO A TION NO . NASSER	TAC TIME: 995.2	
	. Completed annual inspection on ai	rframe per Cirrus maintenance manual.	
	a Flight controls travels and cable te	nsions check okay.	V-2-13-13-1
	fi finance ma	intanonce mynuxi.	
	4 FLT inspected and tested per FAR	91.207D. ELT batteries replaced PN MN1300. ELT	
	bottomy due Dec. 2023.		
		A24.	
	6 Fuel filter cleaned, inspected and re	einstalled with new seals PN MS29513-137 and	
		eals 2ea PN MS28775-222 o-ring. Installed new temp	
-			\- <del> </del>
	a v . u J broke linings 4eg PN	U00-U02UU UII IEIL IIIAIN gear and right man gen	
	9. Replaced nut lea PN MS17825-4 of	n rudder attach bolt.	-
	9. Replaced hat ron 1	renaized and inspected in accordance with	
-	This aircraft and or component identified	above was repaired and inspected in accordance with	
	The stand Autotion Populations and	Was Ibuild all World's for interest	******
-	of the repair are on file at agency under W	fork Order No.: 14-03-000	
	Date: 04/11/14		
_	Past		
	Olimania del como de c		
	For AvDyne AeroServices LLC CRS #Y7N	R985Y	2-2-2
_	10(7(0))	2	
-+			

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE -	KIND OF INSPECTION - S	TATUS & DISCREPANCY LIST	
			CERT. NO. OF PERSON APPI	TATUS & DISCREPANCY LIST ROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	_
	۸۷۵۰	ma Aara Camila			
		ne AeroService	es, LLC		
	The state of the s	: Cirrus		DATE: 04/11/14 2/2	
	MODE			WORKORDER: 14-03-006	
		L NO.: 2022		TOTAL TIME: 1061.4	
		TRATION NO.: N43:		TAC TIME: 995.2	
	IU. Install	led new nose spindle	cup PN 18110-001 with P	N 50195-001U adhesive. Replaced	
	thrust was	mer PN 50545-001 at	nd castle nut PN MS17826	68-8. Adjusted pivot friction. Ops	
	check okay				
	11. Instan	ed new left and right	t aileron gap seal PN 1439	00-003.	
	12. Kepiac	ed laded "No Push"	decals 4ea PN 12431-001		
	Ops check	ed new standby airsp	peed indicator PN 13562-	002 on SN T56316 off SN t49182.	-
X			Faalban 3 4 2014 02D	1.1.102027	
	III. AD STO	esearched thru AD 1	Foolbox update 2014-02B	dated 04/11/14.	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	anananananan Endaman		
					_
-					
	This aircraft a	and or component idea	ntified above was repaired	and inspected in accordance with	_
_				for return to service. Pertinent details	
			nder Work Order No.: 14-03		
	Date: 04/11/14				
_		0	7 0	<del></del>	
	Signed:	Luna (1	EX		
-		eroServices LLC CRS	#Y7NR985Y		
	. S. A.Dyno Ac	HOUSE LEG ONG		-	
					-
+					
					-

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

MAKE Cirrus MODEL 5R22 S/N 2022 REG NO N435SR WORK ORDER 16167-06-2014



#### Cirrus Design Factory Service Conter

Repair Station No. YD5R855Y 4961 Airport Road Duluth, MN 55811 Phone. 218-788-3438 DATE 6/13/2014 A/C TSN 1032 4 HOBBS 1098 6

#### Airframe Entries

(2) Upper windscreen trim replaced. IAW AMM 25-10. Function check of lighting complete with satisfactory results. Compass swing completed.

(4) Lubricated cabin door latch assemblies I.A.W. CDC A.M.M. 12-20.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airfrance, discraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R855Y

DATE: 6/13/2014 SIGNED: July July July Printed by EBis 3 (datcomedia.com)

Certified Repair Station No YD5R855Y

Work Order: 16167-06-2014

Printed by EBis 3 (datcomedia.com)

7			CTION RECORD	
		F.A.R.	. 43.11-91.409	
DATE	AIRCRAFT TIME	KINDO	FINSPECTION STATUS & DISCREPANCY LIST	
DATE	INSERVICE	SIGNATURE - CERT. NO.	OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	
	– AvDyne	AeroServices, LLC	DATE: 10/21/14	
\	MODEL: SR		WORKORDER: 14-10-006	_
_ i	_ SERIAL NO		TOTAL TIME: 1140.1	
\		TION NO.: N435SR	TAC TIME: 1073.9	
<u> </u>	<ul> <li>1 Replaced m</li> </ul>	issing wing root panels PN	12416-001 (2ea)	
	2 Danlaced #	cyl FGT probe with new	PN 16579-002. Ops check good.	
	current manufaction Pertinent details Date: 10/21/14	turor maintenance instruction	ove was repaired and inspected in accordance with  ns and was found airworthy for return to service.  ency under Work Order No.: 14-10-006	
			· ·	
1				
<del>/</del>				
1			· .	
)				
<del> </del>				
<b>)</b>				
	<del></del>			

## F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. C	DF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE	E
DATE	AVDY MAKE: MODEL SERIAL REGIST  1. Replac 2. Replac ////////////////////////////////////	Cirrus L: SR22 L: NO.: 2022 TRATION NO.: N435SR ed flight hobbs air speed limitatied crushed pilot seat pad with no	DATE: 11/24/14 WORKORDER: 14-11-007 TOTAL TIME: 1147.2 TAC TIME: 1081.0 Ion switch PN 14128-001. Ops check good. Iow crush pad PN 14152-004. Now okay. Iow was repaired and inspected in accordance with a sand was found airworthy for return to service. Iow under Work Order No.: 14-11-007	

IN SER	FT TIME RVICE SIGNATUR	KIND OF INSPECTION - STATUS & DISCRE E — CERT. NO. OF PERSON APPROVING OR DISS	PANCY LIST APPROVING AIRCRAFT FOR SERVICE
	MAKE: Cirrus Design Con MODEL: Sr22 S/N: 2022 REG NO 435SR WORK ORDER 15483-04-2015	Foothill Aircraft Sales & Service, Inc.  Repair Station No. AJ4R052M 1749 W 13Th St Upland, CA 91786 Phone: 909-985-1977	DATE: 5/1/2015 A/C TSN: 1120.8 TACH: 1120.8
	(1) C/W ANNUAL CHAPTER 5 INSP FUNCTIONAL CHI 04/24/2015. REPL BRAKE DISC AND LININGS WITH NE NEW. SB2X-05-02 NEW (8) REPL BREAK AWAY FO RUDDER AILERO	INSPECTION ON THIS AIRFRAME IAW FAR 43 APPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 ACED AIR INDUCTION FILTER WITH NEW P/N BADLININGS WITH NEW. PACKED BEARINGS (5) F. W. PACKED BEARINGS (6) R & R FLAPPER VALUE AGAIN 04-2017 OR 1320 8 (7) R & R RH WALCED BOTH #2 BATTERIES WITH NEW. DUE AGAIN OF PACKED NOSE WHEEL BEARINGS (10) IN INTERCONNECT BUNGEE PER SB 2X-27-14R3. CHECKS GOOD 18.4 OZ (13) CW UPPER PLATE N 1220.8 (14) CLEANED SEAT RAILS (16) REP	7 D ELT INSPECTION AND 7. ADS CHECKED THROUGH 24 (4) R & R LH TIRE, TUBE, 8 & R RH TIRE, BRAKE DISC AND LVE AND HOUSING ASSY WITH HEEL FAIRING BRACKET WITH IN 04-2017 (9) ADJ NOSE GEAR NSTALLED AND RIGGED NEW (12) WEIGHED FIRE INSP PER SB2X-32-19 R3 NOSE
	Maintenance Release I certify that the aircraft per the manufactures m Airworthy for return to se 15483-04-2015, Dated 5	and/or component(s) on 435SR was repaired and inspected aintenance manual and current FARs rules of the Federal A ervice. Pertinent details of the repair are on file at this repair 5/1/2015.	in accordance with a Annual inspection viation Regulations and was found r station under Work Order No.  Work Order: 15483-04-2015
	DATE: 5/1/2013	Mike Hartman	Printed by EBis 3 (datcomedia com)

# INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST CERT NO OF PERSON APPROVING OR DISSAPPROVING

	Page	0 1 D	ICE RECORD	Reg. No:	N435SR
Date: September	14, 2015 Page			Flight Time / Hobbs:	1,166.8 / 1,249.9
Aircraft: Cirrus SR2  The below listed items were acceptable data as applicable  Work Order 041506509  [001] Aircraft battery alternator's batt	n/n G-243 s/n G027756	673 removed, ch	arged, and rein	stalled. Installed a new t	erminal end on the
return to service.	a Cowe		CAPIVER		CRS No. HBKR587
	es Cave		CAPIVER	(800) 888-5387	CRS No. HBKR587
Signed Signed Invite In	es Cave		CAPIVER		CRS No. HBKR587
Signed Signed Invited In	es Cave		CAPIVER		CRS No. HBKR587
Signed Signed Invice In	es Cave		CAPIVER		CRS No. HBKR587 FAX (501) 374-21
Signed Signed In Straige In	es Cave		CAPIVER		CRS No. HBKR587
Signed Signed In Straige In	es Cave		CAPIVER		CRS No. HBKR587

DEBLOIS A	EROSPACE I	LC 11842 FAWN COURT NEW MARKET	MD 21774 (301)-641-4657
MAKE: CIRRU	JS	AIRFRAME LOG ENTRY	ACTT: 1173.2 HR
MODEL: SR22	2	N435SR	HOBBS: 1257.1 HR
SERIAL #: 202	!2		
INSTALLED A	NEW RG24-11N	I CONCORD SEALED BATTERY S	'N 40760454.
		ed in accordance with current Federal	
the manufa	icturer's maintenai	nce instructions. Details of work perfo Aerospace LLC.	ormed is on file at Deblois
		No. 02-page 2201	
Signature:	Afleblois_	Certificate #: 3200667 A&P	Date: 25 AUG 2015
	Frans de Blois	_ certificate in 5255557 //ci	2410. 257.00 2020
,			
1			

AIRCRAFT TIME IN SERVICE

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

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N LOG ID# 4013 09-November-2015 WO# 20405 HOBBS 1261.1 CIRRUS DESIGN CORP. S/N 2022 N435SR

Pg 1/1

FLIGHT TIME 1175.9

\*\*\*\* ITEM # 20405-1 REPAIR EXP5000 PFD - AVIDYNE WARRANTY \*\*\*\*
DISCREPANCY: PFD FAILED. HAS VERTICAL LINES THROUGH DISPLAY.

Model: EXP5000 Part#: 700-00006-000
ACTION: OPS CHECKED AND VERIFIED FAULT. REMOVED DEFECTIVE EXP5000 PFD, S/N 20715056. INSTALLED ACTION: OPS CHECKED AND VERIFIED FAULT. REMOVED DEFECTIVE EXP5000 PFD, S/N 20055048 & RE-SET CONFIG SETTINGS. FINAL CHECKS GOOD.

\*\*\*\* ITEM # 20405-2 UPDATE GARMIN AVIONICS SOFTWARE \*\*\*\*
DISCREPANCY: UPDATE GTX327, #1 GNS430 & #2 GNS430 SOFTWARE.
ACTION: 1.) GTX327 TRANSPONDER, S/N 83715549 - UPDATED SOFTWARE FROM V2.07 TO V2.12 I.A.W. GARMIN SERVICE BULLETIN 1428, REV. A.
2.) #1 GNS430, S/N 97138418 & #2 GNS430, S/N 97138443 - UPDATED MAIN SOFTWARE FROM V5.01 TO V5.04
I.A.W. GARMIN SERVICE BULLETIN 0844. GPS SOFTWARE IS ALREADY CURRENT WITH V3.03.

andrew & Knowloom

ANDREW	W. KNOWLTON	-			
				Feet-access   Indi	
		V <sub>elo</sub> is	N. J.	1.3	The state of the s

	visitional Aviation 2. ty/Country:	AUTHORIZ	ED RELI	EASE CE	RTIFI	CATE	3. Form Tracking Number: SV66903
. Organizati	on Name and Address:	Drive Melbourne FL 32				135)	5. Work Order/Contract/Isro Number: SV66903
Avigyne		8. Part Number:	9. Eligib	ility: • 10. (	Quantity: 1	I. Serial/Batch Num	ber: 12. Status/Work:
-	Primary Flight Display	700-00006-000	N/A		1	20055048	See block 13
3. Th	mponent is considered is article has been tes th 14 CFR 91.411	d ready for release to ser ted and inspected and fo	ound to comply	with appendix E o	f 14 CFR 4	3 and 630-00129-	000rev21 in accordance
	Company of the Section of the Sectio	ere usualisetared in conformity in a condition for safe operation.		and described i	iless otherwise Block 13 was dons, part 43 s	specified in Block 13, a accomplished in accord	r regulation specified in Block 13 he work identified in Block 12 dance with Title 14, Code of ork, the items are approved for
D AP	oproved seeing data and are na approved design data spec sed Signature:	in a condition for sale operation.		Certifies that u and described i Federal Regula return to service	niess otherwise n Block 13 was dons, part 43 s t.	specified in Block 13, a accomplished in accord	he work identified in Block 12 dance with Title 14, Code of
D Ap No	oproved seeing data and are na approved design data spec sed Signature:	in a condition for sale operation.	Authorization No.:	Certifies that used described in Federal Regula return to service  20. Authorized Sign  Mean 22. Name (Typed or	alcas otherwise a Block 13 was dons, part 43 a c.	specified in Block 13, it accomplished in accord ad in respect to that we	dance with Title 14, Code of ork, the items are approved for 21. Approval/Certificate No.:
D Ap No	proved seeing data and are an approved design data spec red Signature	to a condition for safe operation.  filed in Block 13.  16. Approval	Authorization No.:	Certifies that used described in Federal Regula return to service  20. Authorized Sign  Mean 22. Name (Typed or	aless otherwise a Block 13 was done, part 43 a t. ature:	specified in Block 13, it accomplished in accord ad in respect to that we	the work identified in Block 12 dance with Title 14, Code of ork, the items are approved for 21. Approval/Certificate No.: 1VAR161B 23. Date (m/d/y):

MAKE: CIRRUS MODEL: SR22 SERIAL #: 2022	AIRFRAME LOG ENTRY N435SR	HOBBS: 1273.1 HR FLIGHT: 1186.2 HR
	RTER FROM CONTINENTAL P/N 6575 335878 DATED 29 APRIL 2013.	696 S/N 4C3-151308
	omplished in accordance with current Feder aintenance instructions. Details of work per	
Signature: Frans de Blots	Aerospace LLC.  Certificate #: 3200667 A&P	Date: 16 NOV 2015
And the second s	· · · · · · · · · · · · · · · · · · ·	Date: 16 NOV 2015
And the second s	· · · · · · · · · · · · · · · · · · ·	Date: 16 NOV 2015

-AI = - - - - -

1 Approving Nat. Authority/C	was a second of the second of	AUTHORIZED REL	EASE CERT	TFICATE VAL TAG		POT-C	263982
FAA/United  4 Organization Nam	e and Address.			-	PC #508	5. Work Or 33587	der/Contract/Invoice Number 8 0000115572
	Continental Motors, 2039 Broad Str	8 Part Number:	9 Eligibility: •	10 Quantity	11 Serial/Batch Number	ber:	12 Status/Work
6. Item	7. Description  STARTER MOTOR - 24 VOL		N/A	13	See Bloc	k 13	New
Senal/Batch Number(s Serial 4C3-151312 4C3-151304 4C3-151325 4C3-151336 4C3-151318 C3-151329 C3-151307 73-151311 3-151306 3-151308 Certifies the items ident	Description Serial STARTER MOTOR 4C3-	J <u>Description</u> 151313 STARTER MOTO 151310 STARTER MOTO 151335 STARTER MOTO	OR O	TR.43.9 return to Service otherwised specified in Bl	ock 13, the work identified i	on specified in B	described in Block 13 was
	ed design data specified in Block 13		accomplished in accomplished i	to service.	le of rederal Reguladons, p	ari 43 and in res	spect to that work, the items are
Authorized Signature.	Daniel & Nicholas	16. Approval/Authorization No.: DMIR-511010-CE	20. Authorized Signatu	re:	original sweets	21. Approv	al/Certificate No.
Name (Typed or Print		18. Date (m/d/y):	22. Name (Typed or Pr	inted):	RUNATH REPRESENTANT KUN KAN HALI PUTAZ	23, Date (m	/d/y):
Daniel L. Nic	holas	Apr/29/2013	N THE CARRY AND				
			ller Responsibilitie				
Vhere the user/in , it is essential th Statements in Blo	istaller performs work in accordance that the user/installer ensures that his	e with the national regulations of an her airworthiness authority accepts allation certification. In all cases, airc	airworthiness authorit parts/components/ass	ty different than the emblies from the a	e airworthiness author	ority of the	ountry specified in Block

### INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME IN SERVICE DATE

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

### DEBLOIS AEROSPACE LLC 11842 FAWN COURT NEW MARKET MD 21774 (301)-641-4657

**MAKE: CIRRUS** 

**MODEL: SR22** 

N435SR

HOBBS: 1284.3 HR

FLIGHT: 1196.4 HR

SERIAL #: 2022

INSTALLED A NEW AILERON GAP SEAL ON THE RIGHT WING P/N 14390-003. INSTALLED A NEW ROD END ON THE PILOT DOOR GAS STRUT P/N 18200-101. REINSTALLED THE LEFT MAGNETO P/N 10-500556-1 S/N D10AA074 AFTER 500 HOUR INSPECTION BY AIRCRAFT ACCESSORIES UNDER WORK ORDER 14400 DATED 12/15/15.

REINSTALLED THE RIGHT MAGNETO P/N 10-500556-1 S/N D10AA076 AFTER 500 HOUR INSPECTION BY AIRCRAFT ACCESSORIES UNDER WORK ORDER 14399 DATED 12/15/15.

PERFORMED RUN-UP. NO LEAKS FOUND.

Frans de Blois

All the work was accomplished in accordance with current Federal Aviation Regulations and the manufacturer's maintenance instructions. Details of work performed is on file at Deblois Aerospace LLC.

Signature:

Certificate #: 3200667 A&P

Date: 29 DEC 2015

## INSPECTION RECORD F.A.R. 43.11-91.409 KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PER	CTION - STATUS & DISCREPANCY LIST SON APPROVING OR DISSAPPROVING AIRCR	RAFT FOR SERVICE
		530 Airport Rd. Liritz, PA 17543 Phone: 717-735-5179  Window to the Fuselage IAW the CMM.	DATE: 3/1/2016 A/C TSN: 1198.8 HOBBS: 1288.3	
	Maintenance Release  The aircraft and/or compof Title 14 of the Code of	onent(s) on N436SR was repaired and inspected in Federal Regulations, was found Airworthy and wa	a accordance with the current rules and regulations s returned to service	
	DATE: 3/1/2016	SIGNED:	Work Order: 4392-02-2016	
	-	Jonathan T. Milloy, A&P: 3477163AP	Printed by EBis 3 (datcomedia.com)	<del></del>
		Version /		
		- Company of the comp		
_	1			

KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE AIRCRAFT TIME IN SERVICE DATE MADVANCED Fly Advanced MAKE: Cirrus MODEL: SR22 530 Airport Rd. S/N: 2022 REG. NO. N435SR Phone: 717-735-5179 Airframe Entries Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 05/2018. All AD's current thru 2016-10.... C/W SB 2X-95-18 R3 CAPS rocket motor assembly replacement. Removed and replaced the CAPS parachute and Rocket. Installed Parachute S/N 01914R1. Next replacement due 4/20/2026. Installed rocket motor assembly S/N 1684. Next due 4/25/2026. Installed frangible link assembly S/N 2335. Reinstalled the CAPS reefing line cutters serial numbers 2025 & 2034. Next due for replacement 10/2017 Weight and balance updated, see POH.... C/W SB 2X-95-13 CAPS Strap Inspection and Grommet Installation.... Removed and replaced the "NO FUEL" placard at the TKS reservoir.... Retorqued the NLG strut pivot bolts.... Shimmed the upper puck pan to prevent bushing migration... Removed and replaced the NLG rebound bumper... Tightened the engine drain manifold at the firewall.... Repaired the collector bolt brackets on the #1 header and the L/H exhaust collector... Secured the fuel supply line at the engine driven fuel pump... Secured the atternate air cable from chafing the ignition harness... Removed and replaced the throttle cable baffle pass through grommet.... Installed a new cylinder #2 barrel baffle spring Re-rigged the rudder/aileron circuit... Removed and replaced the rudder rod end ... Removed and installed the ailerons to re-torqued both aileron actuation arms... Touched up a chafe in the R/H flap and installed anti chafe tape to prevent further chafing.... Removed and replaced both brake caliper flex hoses... Removed and replaced the nose wheel bearings and races... Removed and replaced all MLG mushroom fairing wellnuts... Adjusted the prop blade deice tubes... Cleaned the firewall ground block and associated terminals... SB 2X-05-02 Alternate Air Valve Bolt Replacement. PCW... CW SB 2X-52-08 R2 Catcher/Diverter and Gas Strut Replacement.... Installed strain relief brackets on the MAP and oil pressure sensors... C/W SA13-05 Elevator Hinge Pin Inspection. No defects noted.... C/W SA15-03 H3R Aviation SB 2015-01 Fire Extinguisher. No defects noted.... Resealed both brake calipers, installed the high temp M83461/1-222 o-rings and bled the brake system. Removed and replaced the ELT and the RCPI batteries.... Re-sealed the #1 com and storm scope antennas on the top of the fuselage. I certify that this AIRFRAME has been inspected IAW an Annual Inspection and was found to be in Airworthy condition. SIGNED: Work Order: 4419-03-2016 DATE: 5/17/2016 Derrick S. Miller, IA: 3221608 Printed by EBis 3 (datcomedia.com)

**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 AIRCRAFT TIME DATE MAKE: Cirrus MODEL: SR22 -Clear Star Aviation DATE: 1/13/2017 A/C TSN: 1269.7 TACH: 1269.7 S/N: 2022 REG. NO: N435SR Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER: 200469 Phone: 972-267-2376 Airframe Entries Performed Avidyne SB 601-0004-87 Rev 02 01 June 2011. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. DATE: 1/13/2017 SIGNED: Work Order: 200469 Palmer, Dawit Certified Repair Station No. 5CSR009B Printed by EBis 3 (datcomedia.com)

#### INSPECTION RECORD F.A.R. 43.11-91.409 kind of inspection - status & discrepancy List

ATE	IN SERVICE	SIGNATUR	RE - CERT. NO	). OF PERSON APPROVING	OR DISSAPPROVING	AIRCRAFT FOR SERVICE
	MG SA RE	AKE: Cirrus Design Corp ODEL: Sr22 N. 2022 EG, NO: 435SR ORK ORDER: 725-05-2017	R R	Coothill Aircraft Sales & Service epair Station No. AJ4R052M 749 W 13Th St pland, CA 91786 hone: 909-985-1977	, Inc.	DATE: 5/24/2017 A/C TSN: 1290.8 TACH: 1290.8
	(1 CI FL 05 IN	HAPTER 5 INSPECTION UNCTIONAL CHECK. EI 5/24/2017. REPLACED A IDUCTION FLAPPER BO	N CHECKLIST A LT BATTERY EX MR INDUCTION DLT (5) REPL	SAIRFRAME IAW FAR 43 AP AS A GUIDE. C/W FAR 91.20 XPIRATION DATE 05/2018. / I FILTER WITH NEW P/N BA ACED LEFT BRAKE CALIPE ERVICED FLUID SYSTEM	7 D ELT INSPECTION ADs CHECKED THRO I-24 (4) C/W SB 2X- R PISTON O-RINGS,	I AND PUGH 05-02 IN STALLED
	per Ain 167	r the manufactures maintena	nce manual and c Pertinent details of	435SR was repaired and inspecte current FARs rules of the Federal of the repair are on file at this repa	Aviation Regulations and value station under Work Ord	was found
			Joe Caliva Certified Repair	Station No. AJ4R052M	Printed by EBis 3	(datcomedia.com)
		~		1 of 1		

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

AIRCRAFT TIM IN SERVICE	SIGNATURE - CERT, NO. OF PERSON AND	STATUS & DISCREPANCY LIST
IN SERVICE	OF PERSON AP	STATUS & DISCREPANCY LIST PROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
MAKE CITUS MODEL SF-22	Commander Aero, Inc. Repair Station No. GA5R-876M	DATE: 11/29/2017 A/C TSN
N 2022 EIS NO 1435/SR JORK ORDIER JSS2-11-2017	10570 Springboro Pike Mamisburg, Ohio 45342 USA Phone 888-881-5580	FLIGHTTIME. 1314.9
irframe Entries		
1) Removed reefing lin lue 11/2023.	ne cutters S/N's 2034 and 2025. Installed new reefing line c	utters P/N 25347-002 S/N's 11993 and 11934.
aintenance Release		
to aircraft arithmic compone	ent(s) on N435SR was repaired and inspected in accordance with our	ront EADs rules of the Field of
as round 2014/01/17/19/19/19/19/19/19/19/19/19/19/19/19/19/	ent(s) on N435SR was repaired and inspected in accordance with cur irn to service with respect to the work performed. Pertinent details of the SIGNED:	rent FARs rules of the Federal Awation Regulations and the repair are on file at this repair station under Work  Work Order: 30588-11-2017
der No. 30588-11-2017	AD . M:	ne repair are on file at this repair station under Work
der No. 30588-11-2017	SIGNED: Alving Mind	Work Order: 30588-11-2017
der No. 30588-11-2017	SIGNED: Alving Mind	Work Order: 30588-11-2017
as round 2018-11-2017 rder No. 30588-11-2017	SIGNED: Alving Mind	Work Order: 30588-11-2017
as round 2018-11-2017 rder No. 30588-11-2017	SIGNED: Alving Mind	Work Order: 30588-11-2017
he arcrail allow from the more tend Anworthy for returned from 30588-11-2017.  ATE: 11/29/2017	SIGNED: Alving Mind	Work Order: 30588-11-2017
rder No. 30588-11-2017	SIGNED: Alving Mind	Work Order: 30588-11-2017