# AIRCRAFT LOG AF5-1



# PPG Industries, Inc. **COMMERCIAL COATINGS**

PRIMER K36

PRIMER

FBC918202

FBC92813

COLOR

CLEAR **F.3905** 

# **AIRCRAFT DESCRIPTION**

MANUFACTURER CIPTUS Design Conpenation MODEL SR22	DATE OF MFG. Aug 2007
SERIAL NUMBER 2663 REGISTRATION NUMBER N1935R	
REGISTERED OWNER	Inspection Status (Check one)
STREET ADDRESS	F.A.R. 91.409 ANNUAL/100 HOUR
CITY, STATE, ZIP	T.A.N. 91.409 ANNOAL/100 HOUR
OPERATOR	F.A.R. 91.409 PROGRESSIVE
STREET ADDRESS	
CITY, STATE, ZIP	
REGISTERED OWNER	F.A.R. 135.419 A.T.C.O.
STREET ADDRESS	
CITY, STATE, ZIP	OTHER
OPERATOR	DATE ENTERED
STREET ADDRESS	MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'	

**INSTALLED EQUIPMENT** 

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Teledyne Continental Motors Inc	IO-550-N	r 691330
ENGINE			R L
PROPELLER	Hartzell Propeller INC	PHC-534F-IN	FP5991B
PROPELLER			
ENGINE			
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ENGINE			
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PROPELLER			

# **MAJOR ALTERATIONS**

DATE	DESCRIPTION OF ALTERATION
8-8-07	THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATES HAVE BEEN INSTALLED ON THIS AIRCRAFT SA10588SC SE10589SC SA01708SE  CDCon 8 /8 /07. Cirrus Design Corporation Duluth, MN_USA PC# 338CE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LII OR T.B			AGENCY CERT. NO.
			Life Limi	ted Parts S	R22			
		PART NAME	PART NUMBER			EXPIRES		2 1 0/2
		CAPS Rocket Motor	21814-001	S/N 352	4	06/17	0	Le rog Vario Rocust N
		CAPS Parachute	20331-001	S/N 0296	0	07/17		//8/2017 Thate
		CAPS Reefing Line Cutters	5212	TOSOTE OO	3-042	och3		+1/202/ line 9
		Oxygen Bottle Assembly	100N0020- 4	MFG Date 03/	1	03/2022		5/25
		ELT Battery Pack	452-6504	Date Instal	led 7	Aug Dotz		+0/2019 4/2
		EMA Controller, AAIR	20902-001	S/N S62UNO7 .	62	JOD 2014	-	1/2032 1/27
		Pilot Seat Inflator Assy, AAIR	20902-002	AASTILY V		6/1/14	<i>P</i>	ve 6/1/2019 9/3
		Co-Pilot Seat Inflator Assy, AAIR	20902-002	AAST 147	ч	Strin	ty	6/1/2019 9/3

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT, NO.
				COSPAS PROOF OF R	EGISTRATION 08/29/2009	,	
			TAI	DCC404S	94C0026	1	
	298544183		July 17/2017		June/21/2	27 KW	Darley
APS PORECLUY	25337-005	BIDDUN	July 17-201	Next Du	Yv/y/7/	2027 041	P 1769908

#### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD A.D./BULL. ITEM DATE & HRS. METHOD OF TYPE OF A.D. NEXT COMP. **AUTHORIZED SIGNATURE** NUMBER **AFFECTED** AT COMP. COMPLIANCE 1 TIME/RECUR. DATE/HRS./CYCLE CERTIFICATE NO. 3 Aug 07 Searched AD's through bi-weekly 10 issue <u>2007-17</u>. All AD's are in compliance at this time. MAKE: Cirrus Cirrus Design Factory Service Center DATE 9/10/2007 MODEL: SR22\_G3 A/C TSN Repair Station IV . . 3955Y S/IN 22-2000 TACH: 6.3 4515 Taylor Circle **REG. NO. 193SR** Duluth, MN 55811 WORK ORDER FIR. 218-788-3101 9763-08-2007 **AD Entries** (12) AD 2007-16-10 is Not Applicable to this aircraft due to turbocharger S/N's (L/H: KD: 100554, R/H: KGN00508). No further action is required I have reviewed the file on this aircraft and the accompanying discrepancy\_forms. The aircraft, airframe, a... raftiengine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is an inved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5/855 Work C. der: 9763-08-2007 DATE: 9/10/2007 SIGNED: Printed by EBis 3 (datcomedia.com) Andrew Branca Certified Repair Station No. YD5R855Y ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N193SR Cirrus SR22 S/N: 2663 **14 December 2007** Hobbs: 0091.5 Flight Hobbs: 0070.0 Complied with Cirrus SB 2X-57-08 (wing drain hole) by drilling of drain hole in specified location of each outboard wing. Cirrus AD 2007-24-13 (wing drain hole) complied with by completion of above listed Service Bulletin, END. L. John Wells A&P3221132 w/o 25868

### AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
	S/N: 26 REG. N	L: SR-22 G3 Turbo 663 IO: N193SR ORDER:	Twin Cities Aviati 8891 Airport Rd #A-2 Blaine, Minnesota 55449 U Phone: 763-784-9165			DATE: 6/12/2009 A/C TSN: 211.2 HOBBS: 211.2
		me Entries				
	Replace	e left and right inboa		entiometers in accorda	nce with Cirrus Maintenance	Manual ATA code 28-40. Calibrate fuel
	gauges	in accordance with	ATA 28-40.			
			e, propeller, or appliance abo is approved for return to serv		or inspected in accordance w	vith current regulations of the Federal
	Aviation	TAGITINI ISTI ALION AND	S approved for return to serv		6	
	DATE:	6/12/2009	SIGNED:	20 Taa	Mere	Work Order: 3101-06-2009
			Robert Laughery, A	&P: 2225738		Printed by EBis 3 (datcomedia.com)
		I	I		Para de la companya d	
		<b>A</b>		proach Rd. Duluth, MN	55811	
		MONACO	↑ AIR Cirrus Authorized	d Service Center red Service Facility		_
	Date	e: 11/04/2011; A	Aircraft: N193SR; Type:	: SR22; S/N: 2663	3; Hobbs: 454.3; Total	Time: 354.9
		p Order #: 11-8		<u> </u>		_
			Researched ADs and M			Complied with es noted. Next due at 454.9
	Flt.		visual inspection of NE		the second secon	-03R1 by installing seals
			xshaust ducts of A/C s			— —
						nd has not been modified by
	SB2	2X-27-16.			1	_
	Cia-	oturo:	2	-B11	111	
	Sign	nature:	s J. Imberg A&P 27511	Inl	All The second	
		James	5 J. Illiberg A&P 2/511	70 IA		<del>-</del>

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

TE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
			the altimeter,				
			eporter test re		The state of the s		
			.217 have been its of FAR 4				
		C 43-6B.	IIIS OI FAR 4	3 appendice	S L & F and		
	T	ESTED TO	25,000	FEET ON	08/13	5/07.	
		ansponder	r: Mfg Garn	nin P/N 1	3587-050		
		Mo	del: GTX-32	27 S/N _	337293	06	
	Er		del <u>ACK</u>			And a second sec	
	Al	timeter: M	fg Avidyne				
		(1	PFD) <u>15222</u> -	0075/N 2	00/929	77	
		Mfg United	IP/N 12731-0	003 S/N 4	161972	· 1	
				54			
			Assurance	CDC	on_ <b>08</b> / /	5/07	
			Corporation	Duluth, MN	USA		
	P	C# 338CE					

### **RADIO & ELECTRONIC CHECKS**

ATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
			ADA	PAHOE AERO A	VIONICS	
		12780 E.		Road K-6 Engley		12 303-799-6289
	N		rus SR-22 sn: 26	the state of the s		<b>December 14, 2007</b>
		lobbs: 91.9				
-			: 700-00006-000 sn:		1 1 1 0	
				U <b>pgrade</b> . Unit upgrad ir 8130-3 issued 12-10		oration on their WO #
				per Avidyne Service B		006-081 OCT/07
				per Part 43 Appendix		000 001 001/0/.
	T	he aircraft and/o	r component identifie	ed above was inspected		h the current Federal
	A	viation Regulation	ons and is approved t	for return to service		
		CONTRACTOR OF THE PROPERTY OF		1 1/6.1	1 // 1	
	F	AA CRS ZL		1 1/6.1	fores	AV-01104
	F	CONTRACTOR OF THE PROPERTY OF		1 1/6.1	5/23	AV-01104
	F	CONTRACTOR OF THE PROPERTY OF	6R006Y Signed	1 1/6.1	AVIONICS	AV-01104
	F	AA CRS ZL	6R006Y Signed	PAHOE AERO		AV-01104 12 303-799-6289
		12780 E.	6R006Y Signed	PAHOE AERO A		
		12780 E.	6R006Y Signed  ARA  Control Tower	PAHOE AERO A		12 303-799-6289
	N H	12780 E. 193SR Cirru Iobbs: 91.9	ARA Control Tower IS SR-22 sn: 2663	PAHOE AERO A Road K-6 Engley	vood, CO 801	12 303-799-6289
	N H G aı	12780 E. 1193SR Cirru lobbs: 91.9 ARMIN GNS4	ARA Control Tower IS SR-22 sn: 2663	PAHOE AERO A Road K-6 Engley	vood, CO 801 Software has been	12 303-799-6289 December 14, 2007
	N H G an R	12780 E. 193SR Cirru lobbs: 91.9 ARMIN GNS4 ad GPS Softwar ev. A NOV/07.	ARA Control Tower IS SR-22 sn: 2663 30W sn: 23402462 are has been updated to	PAHOE AERO A Road K-6 Engley and 23402445 MAIN o Version 3.0 per GA	vood, CO 801 Software has been RMIN Software S	12 303-799-6289 December 14, 2007 updated to Version 3.00 Service Bulletin No. 0740
	N H G an R T	12780 E. 193SR Cirru lobbs: 91.9 ARMIN GNS4 and GPS Softwar ev. A NOV/07. he aircraft and/o	ARA Control Tower IS SR-22 sn: 2663 30W sn: 23402462 are has been updated to	PAHOE AERO A Road K-6 Engley and 23402445 MAIN o Version 3.0 per GA ed above was inspecte	vood, CO 801 Software has been RMIN Software S	12 303-799-6289 December 14, 2007 updated to Version 3.00

# **RADIO & ELECTRONIC CHECKS**

	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
+				THE SELIS		
+					16278 Air	port Road NE
		Arriania	a of		Brainerd,	MN 56401
		Avionic		a part of	218/828-1	196
+		Minnes	ota, Inc.	mind, "my my promise and a second second	800/766-12	
+	Sı	upplemental lo	gbook entry for N1	93SR	Fax 218/82	8-4462
+	Th			e, propeller, or appli		
‡	for # <u>1</u>		ice. Pertinent detail	of Federal Aviation A s of the repair are o  —Avionics of Minnes	n file at this repair	
	Date: 11-28-200 Removed PFD install manual parts MAINTENANC The Aircraft, con	ned Date ned N#: 193SR Mop/n 700-0006-000 /n 600-00141-000 ned ERELEASE / REmponent, identified	del: Cirrus SR22 S/N: 260 s/n 20019297 and installerev 6 chapter 4 final test ar TURN TO SERVICE CR3 above was repaired and in	s of the repair are of Avionics of Minnes  63 Hobbs: 203.6 ed OHC PFD p/n 700-0000 nd checkout procedures, gr	n file at this repair sota HDUR459K 6-000 s/n 20019437, coound and flight tests che	mplied with Avidyne ecked good.

17

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

1	OTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
-						

Date: 1-18-2010 N#: 193SR Model: Cirrus SR22 S/N: 2663 Hobbs: 250.8

Removed the following equipment:

a. Avidyne Flight Max Entegra PFD ADHRS EFIS b. Avidyne Flight Max Entegra MFD EX-5000 c. Garmin GNS-430Ws #1 and #2 Nav/Coms/GPS d. Heads Up XMD-076 xm datalink receiver e. Garmin GMA-340 audiopanel/intercom

Installed the following equipment:

a. Avidyne IFD 5000I Integrated Flight Displays ADHRS Nav Com GPS units #1 and #2 p/n 700-00083-000 s/n M094377451, s/n M094377424 b. Avidyne ADC 215 Control Display Unit p/n 700-000150-002 s/n M093570931 c. Avidyne MAG 300 Magnetometer p/n 700-00011-000 s/n 99384491 d. Avidyne ACM 100 Config Module p/n 700-00156-000 s/n M094175856 e. Avidyne MLB 700 datalink weather receiver p/n 700-00159-001 s/n M094376835 f. Avidyne MLB 700 datalink weather antenna p/n 200-00176-000 s/n 814-0614 g. AIS remote relay p/n AIS240-35-IS s/n 12218 h. PS Engineering PMA-8000B Audiopanel/Intercom p/n 050-890-0402 s/n V04500-W-X Installed Avidyne IFD 5000I Integrated Flight Display Systems with ADC 215 CDU, MAG 300 magnetic sensing unit, MLB 700 datalink weather receiver, Avidyne MLB 700 datalink weather antenna, in accordance with manufactures installation manual Avidyne p/n 600-00160-000 Rev 4 and STC # SA00282BO. Installed equipment in accordance with AC 43.13-2B chapters 3,11, 2, sections 201,202,203,204,205,206, 207, 208,209, and 210, and reference to AC 43.13-1B chapters 4.7,11 and 12. The continuous electrical load does not exceed 80% of the total alternators capacity. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. A copy of the IFD 50001 FAA approved flight manual supplement Avidyne p/n 600-000712-000 Rev. 1 has been added to the FAA approved flight manual. Computed new weight and balance and updated equipment list. ICAs see Avidyne Document #AVIFD-016 rev 04..

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# K15R981Y

The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station under

WO# 1553 ..

Signed

Park Rapids Avionics CRS # K15R981Y

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

TAL	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK Due	CHECKED BY: SIGNATURE — CERT. NO
olied wit 3-000 s/ 10-0017 t tests characteristic NTENA Aircraft	h and installed Av n M094377451, so 7-000 s/n M09276 necked good NCE RELEASE / component, identi	ftware update failed on #1 1 0922 and installed exchang RETURN TO SERVICE C fied above was repaired and	01-00083-14 updated softwar IFD p/n 700-00083-000 s/n M e GPS-723 p/n 710-00177-00	1094377424, removed (10 s/n M092760879. op h current regulations of	GPS receiver GPS723 s checks, ground and - f the Federal Aviation
omplied w 0083-000 s IAINTENA he Aircrafi dministrat VO#_1693	ith and installed Avin M094377451, and ANCE RELEASE / , component, ident	nd on #1 IFD p/n 700-00083 RETURN TO SERVICE C ified above was repaired and	501-00083-15 updated softwar 3-000 s/n M094377424. ops c	hecks. ground and fligh h current regulations of	t tests checked good.  The Federal Aviation
ign <del>ed</del> ark Rapid	ls Avionics CRS #	K15R981Y			
		,			

#### RADIO & ELECTRONIC CHECKS TOTAL **EQUIPMENT** TYPE OF **ERROR OR NEXT CHECK** CHECKED BY: DATE TIME CHECKED CHECK RESULTS DUE SIGNATURE - CERT, NO. Park Rapids Avionics 301 Airport Road Suite 1 Hwy 71 South Park Rapids, MN 56470 K15R981Y LOG ID# 8 02-November-2010 WO# 1781 HOBBS 347.2 Pq 1/1 N193SR S/N 2663 CIRRUS SR22 Complied with and installed Avidyne service bulletin p/n 601-00083-21 updated software from 9.1 to 9.1.1 on #2 IFD p/n 700-00083-000 s/n M094377451, software update failed on #1 IFD p/n 700-00083-000 s/n M094377424, removed GPS receiver GPS723 p/n 710-00177-000 s/n M092760879 and installed exchange GPS-723 p/n 710-00177-000 s/n M091548825. ops checks, ground and flight tests checked good. Signed Tom Hass Park Rapids Avionics 301 Airport Road Suite 1 Hwy 71 South Park Rapids, MN 56470 K15R981Y LOG ID# 40 14-January-2011 WJ# 1821/1 HOBBS 347.2 Pg 1/1 CIRRUS SR22 N193SR S/N 2663 Removed defective Integrated Flight Display pn/ 700-00083-0000 s/n M094377451, sent to Avidyne for warranty repair, came back still defective. Avidyne exchanged it with s/n M094678572 confirgured, and programmed in accordance with Avidyne installation and checkout proceedures, complied with FAR 91.411 static system tests. Removed defective Control Display Unit ACD215 p/n 700-00150-002 s/n M093570831, replaced with warranty exchange p/n 700-00150-002 s/n M101805688. ground tests checked good. MAINTENANCE RELEASE/RETURN TO SERVICE CRS#K15R981Y The Aircraft, component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administraith and is approved for return to service. Pertinent details of these inspections are on file at this repair station. Tom Hass

# **RADIO & ELECTRONIC CHECKS**

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
100	Park F LOG I N193S	D# 78 15-April	301 Airport Road Su -2011 WO# 1889/1 CIRRUS SR22	uite 1 Hwy 71 South P HOBBS 387.2	Park Rapids, MN 5647	Pg 1 / 1
	9.2.1 ops che install install with AC referen of the Avidyne was fun systems ICAs se s/n 317	on #2 IFD p/n cks good. Removed new Avidyne ation manual property 43.13-2B chap ce to AC 43.13 total alternat p/n 600-0027 ctional tested. Weight and be Avidyne Documents.	700-00083-000 s/n M0  rved S-tec system 55x DFC-100 autopilot p r/n 600-00251-000 Rev rters 11, 2, sections -1B chapters 4,7,11 ors capacity. A copy 1-000 Rev 00 has bee per manufactures ins alance change neglig ment # AVDFC-030 Rev	ce bulletin p/n 601-0094377451, and on #1 III autopilot computer py/n 700-00170-001 s/n N 04 and STC SA00296BO. 201,202,203,204,205,2 and 12. The continuous of the DFC-100 FAA apen added to the FAA apstallation manuals and ible, updated equipment 2. Removed defectives sy p/n 12546-003-OH-3	FD p/n 700-00083-000 /n 01192-34-61T s/n /110934488 in accord Installed equipmen 206, 207, 208,209, a relectrical load do proved flight manua proved flight manua interference tested t list.	s/n M094377424, 0725-12441, ance with Avidyne t in accordance nd 210, and es not exceed 80% l supplement l. All equipment d with existing
	Tom Has	s	Date			
					1	
						ł

E	TOTAL TIME	EQUIPM CHECKI		YPE OF CHECK		ERROR OR RESULTS	NEXT CHECK DUE	S	CHECKED BY: SIGNATURE — CERT. NO
F	0#1 Der P/N 700-0	W93-090 SIN	ne4437744	Vale 1/-2-1	11	PPD#2 Altimeter P/N700	-000+3-00@mm		
efere	nce Alfitude	Aulmeter	Reference Altitude	Altimeter		Reference Altitude	Aidmeter R	eference Altitude	e Altimeter
-	-1000	-1020	12000	11990		-1000	-1020	12000	11995
	0	-10	14000	13990		0	-10	14000	13990
_	500	490	16000	15985		500	480	16000	15990
	1000	990	18000	17975		1000	990	18000	17985
	1500	1480	20000	19990		1500	1485	20000	19990
	2000	19.15	22000	2/990		2000	1990	22000	21990
	3000	2985	25000	24980		3000	2990	25000	24985
	4000	3985	30000			4000	3990	30000	-
	6000	5980	35000			6000	5985	35000	-
	8000	7980	40000	-		8000	7985	40000	
	10000	9890	45000	-		10000	9985	45000	/
insp	ector/sull/	W Harli	50000			Inspector	hlacikado	50000	
	1					<i>0</i>		1	
			hhx		10	0	$\rightarrow$		
_		<del>                                     </del>	14/1/	P	19				

FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of 43 Appendices E & F and AC 43-6B tested to 25,000 feet on **RADIO & EL EQUIPMENT** TOTAL TYPE OF Transponder: Mfg. Garmin Model GTX327 S/NB3729306 DATE TIME CHECKED CHECK Encoder: Model ACK P/N A-30 S/N 107226 Altimeter #1: Mfg Avidy NL P/N700-00083-05/N M094377424 Reference Alfitude Reference Altitude Aidmeter **Altimeter** Altimeter #2: Mfg A VidyAl P/N700-00083-00 NM094678572 -1000 12000 14000 3 Doug's Testing LLC. 500 16000 CRS 6DHR4918 18000 1000 1500. 20000 MAINTENANCE RELEASE 22000 2000 3000 25000 30000 4000 6000 35000 8000 40000 his aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's 10000 45000 nd is approved for return to service. Pertinent details are on file under work order No. 100-Inspector 50000 Doug's Testing LLC. 210 12th Street Proctor, MN 55810 CRS 6DHR491B

I certify that the altimeter, static systems, transponder, and altitude reporter test required by

# **RADIO & ELECTRONIC CHECKS**

TE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	DUE NEXT CHECK	CHECKED BY: SIGNATURE — CERT. NO.
LO	rk Rapids Avid G ID# 223 29 93SR S/N 2	November-201	1 WO# 2155/1 HO	y 71 South Park Rapids BBS 465.4	, MN 56470 K15R98	1Y
p/r MAIN The regulate	1 700-00150-0 NTENANCE RELE	02 s/n M101399 ASE/RETURN TO S mponent, ident he Federal Avia inspections a	788. ground tested a	n M101805688 and installand ops checked good.  A dired and inspected in and is approved for recepair station.		-
-	125			AERO AVIONIC		200
-		rrus SR-22		Englewood, CO 8	January (	A CONTRACT OF THE PROPERTY OF
- A	RMA # 9016	801. See their	8130-3 issued Jan	en upgraded to <b>Relea</b> nuary 19, 2012. New I. DFC-100 Pilot Ope	FAA Approved F	light Manual
- I	00083-026 da	ated December	r 15, 2011.	n performed per Avid		
- 1	naintenance		ederal Aviation Re	ve has been inspected egulations and is appr	oved for return to	

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

	NADIO & ELECTRONIC CHECKS						
	TOTAL	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	
	Park Rap	ids Avionics	301 Airport Road Suite 1 ember-2014 WO# 3479 CIRRUS SR22	Hwy 71 South Park F			
	resource A Reistalled 601-00083- checked go	CR 132 P/N 73 ACR 132 blace 039. Perform od. E RELEASE/RET ft, component of the Fede f these inspe	01-00083-039 to upgrade 0-50110-000 from both les and upgraded softwared ground tests and flurn TO SERVICE CRS#K15, identified above was ral Aviation Administrations are on file at	IFD's and sent to factore to version 9.3. Report tests per Avidyne	cory for hardware morogrammed units in manual 600-00160-	nudification. N SB 001, all test	
+	Tom Hass		Date				
-		Cor	TINUED	ON PAR	£60	)	
1							
+							

# 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 DISAPPROVING AIRCRAFT FOR SERVICE

#### ARAPAHOE AERO AVIONICS

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

N193SR Cirrus SR-22 sn: 2663

March 14, 2015

Hobbs: 754.4

Avidyne R9 IFD 5000 DVX-740: P/N 710-00060-001 sn: M094377077 (No Mods) and sn: M092760575 (Mod 3)

RMA 9027176 and 9027180

Received Exchange DVX740 VHF NAV/COM Blades 710-00060-001 M111739839 and sn: M111437291

Removed IFD's and installed exchange DVX-740 units.

Reinstalled IFD5000's and updated Software to Version 9.3.1 per Avidyne Service Bulletin 601-00083-039 Rev 02 dated

November 17, 2014. IRU and MAG CAL was maintained and verified.

Aircraft Configuration was completed using Avidyne Configuration Tool 570-00117-005 Rev. 01.

Configuration: SR-22 G3 Turbo, PS Engineering Audio Panel, 'Other" Transponder (GTX-327)

MLB-700 Datalink, WX-500 Lightning Sensor Top Mounted Antenna

KGP-560 TAWS System (disables Avidyne FLTA (Forward Looking Terrain Alerts)

SkyWatch Traffic Sensor, No ADF or DME, 2 AHRS, DFC-100 Autopilot

Servo Configuration: Pitch / Pitch Trim / Roll Trim

Performed Post-installation checkout as outlined in the Avidyne IFD System Installation manual 600-00160-000 Rev 15.

Updated Nav Databases to the version available as provided by the Aircraft owner. (expired March 5, 2015).

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

Regulations and is approved for return to service.

CRS ZL6R006Y Signed:

AV-03363



16278 Airport Road NE Brainerd, MN 56401 218/828-1196 800/766-1196 Fax 218/828-4462

C.R.S. HDUR459K

#### LOG BOOK ENTRY FOR N193SR

I certify that the transponder and altitude reporter test required by FAR's 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR 43 appendix E & F and AC43.6B. System tested to 25,000 feet.

The aircraft, airframe, aircraft engine, propeller, or appliance above was repaired and inspected with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order # 16056 DATE 11/24/2015

Signed Rock Honor

Avionics of Minnesota HDUR459K

LOGDOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



#### d/b/a MILLION AIR - RICHMOND

#### Cirrus Design Service Center

#### CRS VXWR051W

Aircraft Engine Propeller Manufacturer: Cirrus Date: 9/3/2021 Manufacturer: Continental Manufacturer: Hartzell IO-550-N(50) PHC-J3YF-1N Model: **SR22** W.O.: M210805 Model: Model: 1062.2 S/N: 2663 FHM: S/N: 691330 FP5991B S/N: N193SR Hobbs: 1209.4 TSN: 1062.2 TSN: 1062.2 Reg #: 1062.2 TAT:

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of the repair are on file at this agency.

#### Inspections

I certify that the static pressure system, each altimeter instrument and the automatic pressure altitude reporting system tests and inspections required by 14 CFR 91.411 have been performed in accordance with 14 CFR Part 43, Appendix "E & F".

**Primary Altimeter** 

P/N: 5934PAD-3 S/N: 461972

Date: 8/17/2021

ED BY: CERT, NO.

Blind Encoder

P/N: A-30 S/N: 107226

Date: 8/17/2021

#1 ADHRS (Optional)

P/N: 700-00083-000 S/N: M094377424

Date: 8/17/2021

#2 ADHRS (Optional)

P/N: 700-00083-000 S/N: M094678572

Date: 8/17/2021

Tested to 25,000 feet

I certify that the ATC transponder tests and Inspections required by 14 CFR 91.413 have been performed per 14 CFR Part 43, Appendix "F".

Transponder

P/N: AXP-322 S/N: 09722

Date: 8/17/2021

The above inspections were accomplished in accordance with the Cirrus SR22T Airframe Maintenance Manual and/or vendor manuals as required by 14 CFR 91.411 & 91.413. With regard to the work performed, I certify that this aircraft is in airworthy condition.

Signed:

Print:

for

COMMONWEALTH AVIATION SERVICE, INC. d/b/a MILLION AIR - RICHMOND

A A Approved Beneix Station No. 1/Y/A/B0641A/

			פוכד ווואיו		
TE OF PLETION	AIRCRAFT TIME IN SERVICE	, par	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED		AGENCY & CERTIFICATE NO. PERFORMED/RETURNED TO SERVICE
S/N: 22 REG. N	SR22 G3 -2663 O 193SR ORDER	CIRAUS	Cirrus Design Factory Service Cer Repair Station No. YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone: 218- 788-3101	nter	DATE: 9/10/2007 A/C TSN: — TACH: 6.3
Airfra	ame Entries				
(3) Add	ressed minor exterior co	osmetic discrep	pancies IAW CDC AMM CH 11-20, 12-20, 20-30, 51-	20 and standard maintenance practices.	
_ DATE:	9/10/2007		Branca Brepair Station No. YD5R855Y	Work Order: Printed by EBis 3 (dat	9763-08-2007 comedia.com)
S/N: 266	SR-22 G3 Turbo 3 D: N193SR DRDER:		Twin Cities Aviation, Inc. 1891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165		DATE: 10/6/2007 A/C TSN: 52.4 HOBBS: 52.4
Airfran	me Entries				
Remove			Date Code:H0724, replaced with new roll trim moto staisfactory.	r, PN:12546-903, SN: EO-35, re-installed	l left aileron,
The airce	raft, airframe, engine, pr Administration and is a	ropeller, or app approved for re	oliance above was repaired and for inspected in account to service.		Federal
	10/6/2007	SIGNE	D:	Work Order: 2	2335-10-2007
	10/6/2007		D: Hann, A&P: 3221262AP	Work Order: 2 Printed by EBis 3 (date	

TE OF PLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		ARAPAHOE AERO	
1	2760 EAST CONTROL	L TOWER ROAD ENGLEWOOD, COLORA	ADO 80112 (303) 799-8386
	N193SR	Cirrus SR22	S/N: 2663
-	14 December 2007	Hobbs: 0091.5	Flight Hobbs: 0070.0
PFD r	emoved for Release 7 u	pgrade by Avidyne. Unit reinstallation and pi	tot and static checks performed
by Ar	apahoe Aero Avionics.	Leveled aircraft and verified attitude indication	ons. Aligned autopilot. Adjusted
	_	Swung magnetometer. PFD functional checks	
		terior. Complied with Cirrus SB 2X-57-08 (	
		n of each outboard wing. Cirrus AD 2007-24	-13 (wing drain hole) complied —
with b	y completion of above	listed Service Bulletin. END.	
$\rightarrow$	Michella	L. John Wells A&P3221132	w/o 25865 / 25866 / 25868
	Microlla	L. John Wells A&P3221132	w/o 25865 / 25866 / 25868
		ARAPAHOE AERO	
	2760 EAST CONTROL	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA	ADO 80112 (303) 799-8386
1	2760 EAST CONTROL N193SR	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA Cirrus SR22	ADO 80112 (303) 799-8386 S/N: 2663
	2760 EAST CONTROI N193SR 24 March 2008	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA Cirrus SR22 Hobbs: 0100.8	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7
Comp	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA Cirrus SR22 Hobbs: 0100.8 on this date using Cirrus 50 Hour Inspection 1	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected,
Comp	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection d, resealed, and safetied	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA Cirrus SR22 Hobbs: 0100.8 on this date using Cirrus 50 Hour Inspection I	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected, ft battery. Cleaned and inspected
Comp cleane left an	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection d, resealed, and safetied d right main landing gen	ARAPAHOE AERO L TOWER ROAD ENGLEWOOD, COLORA Cirrus SR22  Hobbs: 0100.8 on this date using Cirrus 50 Hour Inspection I fuel strainer. Checked servicing of #1 aircra ar brake and caliper assemblies. Serviced brake	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected, If battery. Cleaned and inspected ke reservoir-brake operational
Comp cleane left an check	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection d, resealed, and safetied d right main landing generations	ARAPAHOE AERO  L TOWER ROAD ENGLEWOOD, COLORA  Cirrus SR22  Hobbs: 0100.8  on this date using Cirrus 50 Hour Inspection Is fuel strainer. Checked servicing of #1 aircra for a brake and caliper assemblies. Serviced brake and right main landing gear fairing axle sc	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected, fit battery. Cleaned and inspected ke reservoir-brake operational rew torque. Serviced all tires.
Comp cleane left an check Cleane	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection d, resealed, and safetied d right main landing ges satisfactory. Checked leted windscreen and cabin	ARAPAHOE AERO  L TOWER ROAD ENGLEWOOD, COLORA  Cirrus SR22  Hobbs: 0100.8  on this date using Cirrus 50 Hour Inspection I  fuel strainer. Checked servicing of #1 aircra  ar brake and caliper assemblies. Serviced brake  eft and right main landing gear fairing axle sc  a windows and vacuumed seats and interior.	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected, fit battery. Cleaned and inspected ke reservoir-brake operational rew torque. Serviced all tires.
Comp cleane left an check Cleane	2760 EAST CONTROL N193SR 24 March 2008 leted 50 hour inspection d, resealed, and safetied d right main landing ges satisfactory. Checked leted windscreen and cabin	ARAPAHOE AERO  L TOWER ROAD ENGLEWOOD, COLORA  Cirrus SR22  Hobbs: 0100.8  on this date using Cirrus 50 Hour Inspection Is fuel strainer. Checked servicing of #1 aircra for a brake and caliper assemblies. Serviced brake and right main landing gear fairing axle sc	ADO 80112 (303) 799-8386 S/N: 2663 Flight Hobbs: 0075.7 Items as a guide. Inspected, fit battery. Cleaned and inspected ke reservoir-brake operational rew torque. Serviced all tires.

Avidyne MFD sn: 20008287 has been upgraded to Version R7.0.2 per Avidyne Service Bulletin No. 601-00004-77 dated 02/08. New software is 530-00195-100 Rev. 02. The aircraft and/or component identified above was inspected in accordance with the urrent Federal Aviation Regulations and is approved for return to service.  SAA CRS ZL6R006Y Signed:  AV-01210  MAKE: Cirrus  MODEL: SR-22 G3 Turbo SNN 2663 REG. NO. N193SR WORK ORDER: 2627-05-2008  Airframe Entries  Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and/or inspected in accordance with current regulations of the Federal	ARAPAHOE AERO AVIC	ONICS					
March 24, 2008  Hobbs: 100.8  Avidyne MFD sn: 20008287 has been upgraded to Version R7.0.2 per Avidyne Service Bulletin No. 601-00004-77 dated 02/08. New software is 530-00195-100 Rev. 02. The aircraft and/or component identified above was inspected in accordance with the surrent Federal Aviation Regulations and is approved for return to service.  SAA CRS ZL6R006Y  Signed:  Twin Cities Aviation, Inc.  8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165  Airframe Entries  Removed and replaced broken pilots cup holder PN 51179-001—Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  Work Order: 2627-05-2008  Work Order: 2627-05-2008	12780 E. Control Tower Road K-6 Englewood,	, CO 80112 303-799-6289					
Avidyne MFD sn: 20008287 has been upgraded to Version R7.0.2 per Avidyne Service Bulletin No. 601-00004-77 dated 02/08. New software is 530-00195-100 Rev. 02. The aircraft and/or component identified above was inspected in accordance with the urrent Federal Aviation Regulations and is approved for return to service.  FAA CRS ZL6R006Y Signed:  MAKE: Cirrus MODEL: SR-22 G3 Turbo SN. 2683 MOOBL: SR-22 G	N193SR Cirrus SR-22 sn: 2663	Transferred him recover the effect charge order pulling the comparison constitute of the other larger and the con-					
Bulletin No. 601-00004-77 dated 02/08. New software is 530-00195-100 Rev. 02.  The aircraft and/or component identified above was inspected in accordance with the aircraft and/or component identified above was inspected in accordance with the aircraft and/or component identified above was inspected in accordance with the aircraft and/or return to service.  TAA CRS ZL6R006Y Signed:  AV-01210  DATE: 5/30/2008  AV-01210  DATE: 5/30/2008  AV-01210  DATE: 5/30/2008  AV-01210  AV-01210  DATE: 5/30/2008  B891 Airport Rd #A-2  Blaine, Minnesota 55449  Phone: 763-784-9165  Phone: 763-784-9165  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008	Hobbs: 100.8						
Bulletin No. 601-00004-77 dated 02/08. New software is 530-00195-100 Rev. 02.  The aircraft and/or component identified above was inspected in accordance with the aircraft and/or component identified above was inspected in accordance with the aircraft and/or component identified above was inspected in accordance with the aircraft and/or return to service.  TAA CRS ZL6R006Y Signed:  AV-01210  DATE: 5/30/2008  AV-01210  DATE: 5/30/2008  AV-01210  DATE: 5/30/2008  AV-01210  AV-01210  DATE: 5/30/2008  B891 Airport Rd #A-2  Blaine, Minnesota 55449  Phone: 763-784-9165  Phone: 763-784-9165  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008	Avidyne MFD sn: 20008287 has been upgraded to Ver	sion R7.0.2 per Avidyne Service					
was a continued by the continued of the federal Aviation Regulations and is approved for return to service.  AV-01210  MAKE: Cirrus  MODEL: SR-22 G3 Turbo SN: 2663 REG. NO: N193SR WORK ORDER: 2627-05-2008  Airframe Entries  Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008		_					
was a continued by the continued of the federal Aviation Regulations and is approved for return to service.  AV-01210  MAKE: Cirrus  MODEL: SR-22 G3 Turbo SN: 2663 REG. NO: N193SR WORK ORDER: 2627-05-2008  Airframe Entries  Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008	The aircraft and/or component identified above was inst	pected in accordance with the					
MAKE: Cirrus MODEL: SR-22 G3 Turbo SRM: 2663 REG. NO: N193SR WORK ORDER: 2627-05-2008  Airframe Entries Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  MAKE: Cirrus MODEL: SR-22 G3 Turbo S891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165  Phone: 763-784-9165  Work Order: 2627-05-2008  MORE DIVISION AVIATION AVI	current Federal Aviation Regulations and is approved for	or return to service.					
MAKE Cirrus  MODEL: SR-22 G3 Turbo SR-22 G3 Turbo SREG. NO. N193SR WORK ORDER: 2627-05-2008  Airframe Entries  Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired Aviation Administration and is approved for return to service.  DATE: 5/30/2008  DATE: 5/30/2008  SIGNED:  DATE: 5/30/2008							
MODEL: SR-22 G3 Turbo S/N: 2663 REG. NO: N193SR WORK ORDER: 2627-05-2008  Airframe Entries Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  DATE: 5/30/2008  SIGNED:  A/C TSN: 126.9 HOBBS: 126.9 HOBBS: 126.9 HOBBS: 126.9 HOBBS: 126.9 HOBBS: 126.9 Work Order: 2627-05-2008		· · · · · ·					
Removed and replaced broken pilots cup holder PN 51179-001Remove items on rear of enging to get to rear accessary drive.  The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008	MODEL: SR-22 G3 Turbo S/N: 2663 REG. NO: N193SR WORK ORDER: 2627-05-2008  8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	A/C TSN: 126.9					
The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.  DATE: 5/30/2008  SIGNED:  Work Order: 2627-05-2008	e me entre en arriverere	to get to rear accessary drive.					
Camilo A Vega, A&P: 583185929 Printed by EBis 3 (datcomedia.com)	The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.						
	Camilo A Vega, A&P: 583185929	Printed by EBis 3 (datcomedia.com)					

#### MAINTENANCE RECORD F A R 43 Q

MAVE: Circus	Torin Cities Arristian Inc		DATE: 9/18/2008 =
MAKE: Cirrus MODEL: SR-22 G3 Turbo S/N: 2663 REG. NO: N193SR WORK ORDER: 2784-08-2008	Twin Cities Aviation, Inc. 8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165		A/C TSN: 185.4 HOBBS: 185.4
Airframe Entries			
91.207 (d). No defects note was determined to be airwo CAPS Collar Support and Scap O7-14-03, no further active requirements of AD 07-24-1 of AD 08-03-16. No further no further action required.—no further action required.—Service Bulletin SB 2X-57-0 engine cowl, nose wheel pa TKS drain. Installed new strick Aero Shield P/N AK-009-G3 and right MLG upper strut fa 18138-001. Repaired and reand standard airframe pract—Removed cracked closeo horizontal stabilizer close or Removed left and right brabled brakes, re-installed whilatches, op's ck good.—Reinbag harness, tested air bag op's ck good.—Secured left	ection IAW Cirrus SR 22 MM and IG. AD's read. Ground run, ops and leak check satisfactor of the work performed at this dather with respect to work performed at this dather with respect to work performed at this dather with respect to work performed at this dather with the work performed at the work performed and repair to the work performed and repair to the work performed and repair to the work period and period and repair to the work period and	ary. I certify that I have inspected this airfute and time. The following discrepancies SB A2X-95-10 R2, previously complied train Hole, Cirrus Service Bulletin SB 2X-3-16, Aileron Interconnect, DNA by Aircra A, Placard Incorrect Altitude and Airspeetent, by inspection, Cirrus Service Bulletin stalled new As-delivered weight and bald 0202-001Repaired and touch up pain el, right wing cuff, left wing L/E, right wing P/N 12343-421-COWL on left lower eng Nose on right main wheel pant and nose 39-002. Removed and replaced right wheel utilizing techniques and materials as ving tip. Installed new stripes P/N 12343 extra adhesive, prepared for paint and installed new stripes P/N 12343 extra adhesive, prepared for paint and installed re-sealed using high temp packings ted, re-sealed using high temp packings all tank vent panel and reinstalled on left wiral rap on wire harness for Co-pilot seatRemoved center fairing retainer from left.	rame IAW an annual inspection and it is were addressed:—C/W AD 07-14-03 with by, This satisfies the requirements of 257-08 completed, This satisfies the aft Model. This satisfies the requirements and Data, By Adding AD Language to POH in, SB 2X-52-07 R4, has been completed, ance correction in POH.—C/W Cirrus and on lower right engine cowl, lower lefting cuff, bottom side of left wing next to gine cowl, nose wheel pant. Installed new wheel pant inbd panel with new P/N specified in Cirrus SR22 MM, chapt 51 8-421-WTRH. Reinstalled wing tip. stallation. Painted and clear coated left edge close out panels back in place. Sp. PN:M83461-1-222, re-installed calipers, the new P/N 17298-001.—Adjusted left door wing.—Installed spiral rap on pilots seat air tair bag, tested airbag system with tester, eft main landing gear spindle. Drilled out
The aircraft airframe engi	no propeller or appliance above was repaire	ed and / or inspected in accordance with	h current regulations of the Federal
Aviation Administration and DATE: 9/18/2008	d is approved for return to service.  SIGNED:	m 5000	Work Order: 2784-08-2008

		F.A.n. 43.9	
DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MAKE: Cirrus MODEL: SR- S/N: 2663 REG. NO: N1 WORK ORD 2837-09-2006	193SR AVIATION ES	Twin Cities Aviation, Inc. 3891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165	DATE: 9/30/2008 A/C TSN: 187.9 HOBBS: 187.9
Removed turn new turn coo gallons TKS	n coordinator, SN:F07-11758 319 rdinator, MN:1394T100-14RB, Pl	9589, for autopilot, turn coordinator would list one way after extended 1.12733-001, SN:E08-10254, ops checked satisfactory.—Filled oxy	ed flying causing roll oscillation, installed gen to 2100 psi, filled TKS, added 2.5
The aircraft, a	airframe, engine, propeller, or ap ninistration and is approved for re	pliance above was repaired and for inspected in accordance with turn to pervice.	current regulations of the Federal
DATE: 9/30	0/2008 SIGNE		Work Order: 2837-09-2008
	Andrew	Bougetz, A&P: 2656245	Printed by EBis 3 (datcomedia.com)
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	IN SERVICE	OR APPROVED DATA USED	WORK PERFORMED/RETURNED TO SERVICE
	<u> </u>	i in the contract of the contr	#. ·
	MAKE: Cirrus MODEL: SR-22 G3 T S/N: 2663 REG. NO: 193SR WORK ORDER: ANE6967-10-2009	R.C. Avionics, Inc.  Repair Station No. KP5R996M 2161 Missouri Row Box B-7 Blaine, MN 55449 Phone: 763-398-3920 Email: russc@rcavionics.com	DATE: 10/1/2009 A/C TSN: 229.3 HOBBS: 229.3
	Airframe Entries		
	FAR 91.413, Part 43 App Requirement For IFR Flig to: 25,000 Feet. Followed Pilots Panel Altimeter (PFD) Make: Avidy Model: EXP SN: 200194 Altimeter Make: Unite Model: 5934 SN: 461972 Updated GPS software fro	pment Has Been Found To Conform To The Following: FAR 91.411, 9 endix F. This Equipment Is Compliant With The Above FAR's And Mee ht In Instrument Meteorological Conditions, (IMC). The below altimetry Cirrus Design Corporation Field Service Communication FSC0032 for  Encoder Transponder Transponder Make.: ACK Make.: Garmin Model: A-30 Model: GTX-327 SN: 107226 SN: 83729306  d D-3 [ITEM](2) Updated main software from 3.10 to 3.30 IAW Garmin Service Bulletin 0848 Rev B. Unit S/N:234020 IAW Garmin Service Bulletin 0918 REV A. Updated GPS software from 100 in the control of	ets or Exceeds The maintain specified accuracy certification of Avidyne PFD.  Wice Bulletin 0918 REV A. 2462.[ITEM](3) Updated main
D/	ATE: 10/1/2009	SIGNED: Wo	ork Order: ANE6967-10-2009
		Anthony Weber Printed Certified Repair Station No. KP5R996M	by EBis 3 (datcomedia.com)

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		1 .A.II. 73.3				
DATE O	The State of Chica	DESCRIPTION EXCESS PROPERTY.	AGENCY & CERTIFICATE N			
MPLET			DATE: 1000000			
	MAKE: Cirrus	Twin Cities Aviation, Inc.	DATE: 10/2/2009 A/C TSN: 229.3			
	MODEL: SR-22 G3 Turbo	8891 Airport Rd #A-2	HOBBS: 229.3			
	S/N: 2663	Blaine, Minnesota 55449 USA				
	REG. NO: N193SR WORK ORDER:	Phone: 763-784-9165				
	3238-09-2009					
	Airframe Entries					
	C/W a annual airframe inspe	ction IAW Cirrus SR 22 MM and IG. AD's researched to date. All Cirrus	rus SB's researched to date. Tested ELT IAW FAR			
	91.207 (d). No defects noted	I. Ground run, ops and leak check satisfactory. I certify that I have insp thy with respect to work performed at this date and time. The following	pected this airrame IAVV an annual inspection and it			
	was determined to be all wor	rgen System, IAW Precise Flight Oxygen Instructions For Continuned	Ainworthiness I have inspected Precise Flight Owner			
	System IAW Precise Flight C	bygen Instructions For Continuned Airworthiness during an annual ins	spection and it was determined to be airworthy with			
	respect to work performed at	this date and timeC/W AD 09-05-05, AFM, Placard, Incorrect Attitudence of the contract of	ude, Altitude And Airspeed Information, by inspection,			
	PED S/N-20019437 DNA. N	to further action required.—C/W Cirrus Service Bulletin SB 2X-32-17,	Re-torqued nose wheel bolts to 75 in lbs.—C/W Cirrus			
	Service Bulletin SB 2X-32-19	R1, Nose Landing Gear Inspection and Reinforcement by inspection	n, no cracks detected at this time. Next inspection due at			
	Hobbs:329.3.—Removed an	d replaced TKS filter with new filter, P/N:26115-101, and O-Rings, P/N replaced TKS Strainer with new strainer, P/N:18603-001, TKS op's ch	N:15164-092. TKS op's checked and leak checked			
	satisfactory.—Removed and	drain with new sump drain, P/N:50141-001. Leak checked satisfactor	ryRemoved #2 hatteries installed new #2 hatteries			
	P/N:50979-001 ons checker	satisfactory. Next replacement due October 2011Ops tested Com	2 on the ground during taxi, no adnormal problem			
	detected at this time.					
	DATE: 10/2/2009	SIGNED: Creation to service.	Work Order: 3238-09-2009			
		Andrew Bougetz, IA: 2656245	Printed by EBis 3 (datcomedia.com)			
		// // // // // // // // // // // // //	Printed by Ebis 3 (datcomedia.com)			
	MAKE: Cirrus	Twin Cities Aviation, Inc.	DATE: 11/16/2009			
	MODEL: SR-22 G3 Turbo		A/C TSN: 247.2			
	S/N: 2663	8891 Airport Rd #A-2	HOBBS: 247.3			
	REG. NO: N193SR	Blaine, Minnesota 55449 USA Phone: 763-784-9165				
	WORK ORDER:	Filolie, 703-704-8103				
	3305-11-2009					
	Airframe Entries					
	Removed damaged fairing	and replaced right upper strut fairing P/N:18139-002.				
	The second secon	no propollor or appliance at a survey and and decinopasted in	accordance with current regulations of the Federal			
	The aircraft, airframe, engi	ne, propeller, or appliance above was repaired and / or inspected in	accordance with current regulations of the redefai			
	The aircraft, airframe, engi Aviation Administration an	d is approved for return to service.	accordance with current regulations of the records			
	The aircraft, airframe, engi Aviation Administration an	d is approved for return to service.				
	The aircraft, airframe, enging Aviation Administration and DATE: 11/16/2009	d is approved for return to service.  SIGNED:	Work Order: 3305-11-2009			
	Aviation Administration an	d is approved for return to service.				

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	MAKE: Cirrus MODEL: SR-22 G3 Turbo S/N: 2663 REG. NO: N193SR WORK ORDER:	Twin Cities Aviation, Inc.  Repair Station No. 5TCR105B 8891 Airport Rd #A-2 Blaine, Minnesota 55449 USA Phone: 763-784-9165	DATE: 7/21/2010 A/C TSN: 298.2 HOBBS: 298.2
	3585-07-2010 Airframe Entries		
	Performed adjustment/test of	n left and right fuel quantity senders and found resistance to be out of tolerance la 184-311 and performed fuel quantity indicator adjustment/test IAW Cirrus SR-22	AW Cirrus SR-22 AMM 28-40. Installed new AMM 28-40. Operational check satisfactory,
	The aircraft, airframe, engine Aviation Administration and i	, propeller, or appliance above was repaired and / or inspected in accordance wis approved for return to service.  SIGNED:	th current regulations of the Federal  Work Order: 3585-07-2010
		Josh Shea Certified Repair Station No. 5TCR105B	Printed by EBis 3 (datcomedia.com)

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE				
= = = = =							
	i û	4535 Airport Approach Rd. Duluth, MN 55811					
	<b>3</b>	(218) 727-2911 I R Cirrus Authorized Service Center					
	- 4 - 6 - 4	Cessna Authorized Service Center Cessna Authorized Service Facility					
A CONTRACT OF A	Date: 10/06/2010: Aircr	aft: N193SR; Type: SR22; S/N: 2663; Hobbs: 335.7; To	stal Time: 262.3				
	Shop Order #: 10-7608	210. 14100011, 13po. 01122, 0711. 2000, 110000. 000.7, 10					
	(FLT TIME: 262.3 Hrs.		*				
		ction on aircraft IAW CDC AMM 5-20 and 5-30.					
		DC Mandatory Service Bulletins and Service Advisories	thru current bi-weekly 2010-20.				
		tection lines, N/A, A/C not equipped for FIKI.	1				
		airframe components, as required, IAW CDC AMM 12-2	20.				
		kes IAW CDC AMM 5-20. Replaced brake caliper o-ring	s and installed blue and yellow				
	temp stickers IAW CD0	C AMM 32-42. SB 23-05-01	_				
	Cleaned and packed wheel bearings IAW CDC AMM 32-41.						
		91.207, tested good. Battery due 8/2012.					
	Battery 2 replacement of						
		d replaced with new 066-06200 linings.					
		both main tires with new 15X6.00-6 Goodyear Flight Cus					
		has been inspected in accordance with an annual inspe-	ction and was determined to be in				
	an airworthy condition.						
	Signature:	11 Hal/My SAP 3268900 J.	$\mathcal{A}$				
	The second secon	perg A&P 3268908 IA					
	Trick Hagi	acing Adir 0200000 IA					



4535 Airport Approach Rd. Duluth, MN 55811

(218) 727-2911

Cirrus Authorized Service Center Cessna Authorized Service Facility

Date: 11/04/2011; Aircraft: N193SR; Type: SR22; S/N: 2663; Hobbs: 454.3; Total Time: 354.9

Shop Order #: 11-8031 (FLT TIME: 354.9 Hrs.)

Performed Annual inspection on aircraft IAW CDC AMM 5-20 and 5-30.

Researched ADs

and MSBs thru current Bi-Weekly 2011-23.

Complied with SB2X-32-19R2, by

visual inspection of NLG IAW SB instructions. No discrepancies noted. Next due at 454.9 Flt. Hrs.

Complied with SB2X-21-03R1 by installing seals around intake and exshaust

ducts of A/C system I.A.W. S.B. Instructions.

SB2X-27-16R1 is not a mandatory bulletin for this aircraft because flap drive rod end has not been modified by SB2X-27-16.

Cleaned and lubricated airframe components, as required, IAW CDC AMM 12-20.

Inspected tires and brakes IAW CDC AMM 5-20.

Tested ELT IAW FAR 91.207, tested good. Battery due August 2012.

Replaced stand-by Batteries. Next replacement due November 2013.

Replaced 8 each A/C compressor drive bushings with new. Ops check of A.C. system ok.

Replaced o-ring on L/H outboard fuel sump drain.

Replaced broken pastic naca fuel vent in left wing with a new vent.

\$B ZX-28-06

Replaced all 4 fuel sending unit dials with new revised P/N 18484-501 and recalibrated fuel gauges IAW CDC AMM. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Signature:

fames J. Imberg A&P 2751176 IA

4535 Airport Approach Rd. Duluth, MN 55811

(218) 727-2911

Cirrus Authorized Service Center Cessna Authorized Service Facility

Date: 7/11/2012; Aircraft: N193SR; Type: SR22; S/N: 2663; Hobbs: 548.0; Total Time: 433.9

Shop Order #: 12-8254

Installed new pins and sockets and connectors on P&J 107 IAW CDC WM. Run up checks good.

Signature:

Steven J. LaMourea A&P 2841160

# MAINTENANCE RECORD

X .					AGENCY & CERTIFICATE WORK PERFORMED/RETURNED	
Tach  Tach  Tach  AD  bear  Rep  batt  I co	82, Tel 218-631-1196. e 11/02/12, N193S n time 450.5 hrs. The control of the cont	quipment no installed. Repagear fork tension. Installed / ELT inspection per FAR	N 2663, 90,6 has acked wheel new cotter key. 91.207. Next of the sound of the condition.	LOG BOOK E.L.T. BATTE REPLACEME	RY 700	
	ru.					
			7)	1		

Airmotive Enter	prises, Inc.			
16384 Airport Rd. Ste #		3SR		
Brainerd, MN 56401	Make: Cirrus			ERTIFICATE NO.
218) 829-3398 Hobbs: 683	Model: SR22 S/N: 2663			RETURNED TO SERVICE
ACTT: 683	Date: 11/15/2013			
due NOV/2015. Remaydrostatic test due NOV/2015. Remaydrostatic test due November 2015. Remaydros	attery expires: OCT/2019. It oved O2 bottle and had hy OV/2018. Re-installed O2 re wear. Inspected and clear	Replaced #2 batteries with a direction of the last of	ights, pitot heat and stall horeh new NP7-12T batteries, now NP School of Diving, Brail laced failed #1 alternator brail Performed operational checkertify this aircraft has been in	ext replacement nerd, MN, next ushes with new. t of TKS de-ice
			Pavid Ahlers	A&P2704874 IA
			<i>y</i> (100 to 100	
		parties.		
Y				

11/26/2014 N193SR Make: Cirrus Model: SR22

SN: 2663

Hobbs: 739 ACTT: 739

MATTHEW EVIEN 3168041 A&P IA

Flight: 624







Authorized Service Center

Inspected aircraft IAW Cirrus MM. Serviced aircraft battery. Checked all lights, pitot heat and stall horn. Checked FLT per FAR 91.207(d.) Battery expires: OCT/2019. Serviced O2 bottle. Checked brake and tire wear Replaced RII brake caliper o-rings with new. Replaced damaged Brake back plate shim P/N: 068-01100 with new. Cleaned, inspected, and packed all wheel bearings. Inspected and cleaned fuel strainer/screen. Performed operational check of TKS desice system. All ops normal. Checked for applicable AD's through 2014-22. I certify this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition at this time

David Ahlers A&P2704874

	LEMAC AVIATION, LLC 4550 EAST MCKELLIPS ROAD, SUITE 101 MESA, ARIZONA 85215	SERVICE #: 1107  DATE: 4/8/15  REGISTRATION: N193SR
MAKE: CIRRUS	HOBBS: 758.9	
ODEL: SR22	FLIGHT: 644.8	
ERIAL: 2663	TOTAL: 644.8	
	AIRFRAME LOG	

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

ATE OF IPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WOR OR APPROVED DA		AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	AITKIN AVIAT	ION INC Phone 218 927	4104	
		A/CTT 819.3 hrs. Engin		ormed
		I/A/W Cirrus SR22T se		
	Appendix D. Per	formed ELT inspection I	/A/W FAR 91.207 Par	agraph [D].
		res October 2019. Chec		
		battery, lights and pitot	<del>-</del>	
		eplaced all brake pads I		
		rtify that this aircraft ha		V an Annual —
	inspection and for	ınd to be in airworthy co	ondition.	
	D C' 11 A C D	account Km	Melen	
	Ron Sieling A&P	3082403		
		ASSESSED TO A SECOND		
		ARAPAH	OF AFDO	
10	AZCO E A CT. CONTENC			0 20112 (202) 700 2326
12		OL TOWER ROAD ENGL		
04 100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Cirrus SR22 ght Hobbs: 715.8 H	obbs: 0829.9	rframe Log Entry
		Cutters S/N: 8726 and 874		Kit P/N:25347-02
		Cutters installed in reference		
				roller, P/N: 508358-421, S/N:
		oller tested using AmSafe	_	
		October 2022. Serviced		_
4	00000		John Wells A&P 3221	132 w/o 36298

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
20 Aug 2007	S.7 HKS	Production Flight Test accomplished in accordance with Cirrus Procedure #90502  Name: Thomas Althaus Date 20 Aug 2007  Signature: Title: Production Flight Test Pilot
Aug 28-70	7 5.7	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated Jug 128 12007.  The next inspection is due Jug 131 12008.  PAUL R. SITKO ODARF-405228-CE

AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
DDIE DIVIED AE	DOMOTOR 219 597 5000	
	ROMOTOR 218-587-5000	
	CTT 911.4 hrs. Engine TT 797.3 hrs. Performed  A/W Cirrus SR22T service manual and FAR 43	
_	med ELT inspection I/A/W FAR 91.207 Paragraph [D].	
	October 2019. Checked all AD's through 2016-22.	
• •	ttery, lights and pitot heat. Inspected brakes and wheel	
2	all flying surfaces and controls. I certify that this  pected I/A/W an Annual inspection and found to be in	
airworthy condition.		
D C: 1: 40D26	Con Meline	
Ron Sieling A&P 36	<u> </u>	
PINE RIVER AER		
annual inspection	A/CTT 911.4 hrs. Engine TT 797.3 hrs. Performed  I/A/W Hartzell propeller service manual. Checked for	
nicks on propeller	and security. Checked all AD's through 2016-22. I	
	ropeller has been inspected I/A/W an Annual/ 100 hr.	
inspection and for	and to be in airworthy condition,	
n a	Ven Blelin	
Ron Sieling A&P	3682463	

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
11-5-16	TACH 797.3	REPLACENOTE BATHERIES W/ 2 DURA 12-7F2 (SLA)Z-7F2
		Rbmus 2798578
11-9-16	TACH 797.3	REPLACED MAIN BATTERY W/ CONCORD
	Title	#RG24-15M
market market is		alemostal 2798578
5-8-17	TACK 199.6	Fabricatel and installed 2 wire pattery Changer
		Connection houness asing Mit-10-22359/16 wire with 104
		Wine civenit protection. Attached to battery power
200 / and	A 02-03	terminal and ground terminal with ring connectors.
		Terminated opposite End with Anderson SB50 plug with
all the second		Protective cover and mounted near ground Power outlet
		Plug. All work THW AC 43,13/18. Verified Continuity,
		Polavity, tosted with Changer and for proper gircust
		electrical custom operation. No devects noted at
		This time. Kon heling Alp 3682463
11-4-16 1	ACK 797.3	CHANGED DIL & FILTER 1PT CAMEARD 10/50 PHILIPS XC
Comment of the Comment		E CHAMPION CH48108-1 FILTER

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
Date 550-1 Shop Repla	7.18/2017; Aircraft; N. S/N: 691330; Time Order #: 17-9800 aced all three clivis pir plied with TAT SI08-0 in to Service	4636 - non Hodroach Rd. Solich Mr. 66811 218 TCT 2543 Sirrus Authorized Service Service Pacitiv  N193SR, Type: SR22: S.N. 2663, Hobbs. 925.5, Total Time: 811.4 Engine - Type: IO- 811.4, SMOH: 811.4  Insight on Wastegates  1 by cleaning the crankcase breather tube in the left exhaust tail pipe  48.P 3268908
9-29-17	844.3	CHAMGED OIL & FILTER 1P CANGORD 20-50 PAILIES XC CHAMPION FILTER CH48/08-1
	Anna Talia	

		F.A.n. 43.11-91.409
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
-		Horizon Aircraft Engine Services, INC.
_		dba Bolduc Aviation
_		W/O: <u>30474</u> Hobbs: <u>959.7</u> Model: <u>SR 22 Turbo</u> S/N: <u>2663</u>
	Trouble shoot slipp Run-up and leak cl	ping starter adapter. Remove, rebuild and reinstall adapter assembly.
		HORIZON AIRCRAFT ENGINE SERVICES, INC. DBA BOLDUC AVIATION  F.A.A. Approved Repair Station YZ8R163C
		3891 Airport Road, Minneapolis, MN 55449
		Authorized Signature
7		

## MONACO AIR Cirrus Authorized Service Center

Cessna Authorized Service Facility

Date: 7/18/2017; Aircraft: N193SR; Type: SR22; S/N: 2663; Hobbs: 925.5; Total Time: 811.4

Shop Order #: 17-9800

Complied with SB2X-95-18R3, CAPS rocket motor assembly replacement. Removed parachute assy PIN 20331 -001

S.N 02960 and Rocket assy 21814-001 S/N 3524. Replaced with new parachute assy. P.N 25337-005 S/N B1224N Mfg. date 07/07/2017 Canopy Color ORG/WHT. Replaced Rocket motor and ignitor assy with new P.N. 29500-403 S/N 2565 Mfg date June/21/2017 . Reinstalled reefing line cutters P/N 26707-001 S/N's 8746 & 8726 All work done IAW CDC CAPS Component Maint, Manual and SB2X-95-18R3. Parachute next due for replacement July/07/2027 Rocket and ignitor next due June/21/2027. Reefing line cutters Mfg. date 11/2015. next\_due11 2021

Complied with SB2X-95-13, CAPS strap inspection and grommet installation, by installing grommets in strap pass-thru holes IAW SB instructions. Installed POH Revision TPOH 13-08R1 in POH. Updated Weight and Palance as per SB2X-95-18R3

eplaced all three clivis pins on wastegates.

omplied with TAT SI08-01 by cleaning the crankcase breather tube in the left exhaust tail pipe.

Return to Service

Signature

Rick Hagberg A&P 3268908

AIRCRAFT TIME KIND OF INSPECTION-STATUS & DISCREPANCY LIST IN SERVICE PINE RIVER AEROMOTOR 218-587-5000 12-1-17 N193SR A/CTT 964.8 hrs. Engine TT 850.7 hrs. Performed annual inspection I/A/W Cirrus SR22T service manual and FAR 43 Appendix D. Performed ELT inspection I/A/W FAR 91.207 Paragraph [D]. ELT battery expires October 2019. Checked all AD's through 2017-24. Checked aircraft battery, lights and pitot heat. Inspected brakes and repacked all wheel bearings, and adjusted tension on nose gear. Inspected all flying surfaces and controls. I certify that this aircraft has been inspected I/A/W an Annual inspection and found to be in airworthy Ron Stelling A&P 3682463 Ren Stelling condition.

PINE RIVER AEROMOTOR 218-587-5000	
12-10-18 N193SR A/CTT 1013.3 hrs. Engine TT 899.1 hrs. Performed	
annual inspection I/A/W Cirrus SR22T service manual and FAR 43 Appendix D. Performed ELT inspection I/A/W FAR 91.207 Paragraph [D]. ELT battery expires October 2019. Checked all AD's through 2018-24.	_
Checked aircraft battery, lights and pitot heat. Inspected brakes and all wheel bearings, and adjusted tension on nose gear. Inspected all flying	
surfaces and controls. Installed new nose wheel tire and tube. Tube Goodyear P/N 06-05000 and Tire Goodyear Flight Custom III P/N 310-016-006. Installed 2 new nose gear fairing attach brackets. Installed 2 new	
avionics batteries P/N DURA12-7F2. Next due 12-20. I certify that this aircraft has been inspected I/A/W an Annual inspection and found to be in	_
Ron Sieling A&P 3682463————————————————————————————————————	





16278 Airport Road Brainerd, MN 56401 218-829-3398

Authorized Service Center

\_ogbook entry for N193SR

Removed existing transponder and XM reciever. Installed new AXP-322 transponder behind pilot side panel wired to the existing Avidyne R9 system. Installed new Skytrax 100 behind copilot passenger side panel where the XM was removed. Skytrax was intefaced to the R9 system to provide ADS-B weather information. Installed new Comant CI-105 transponder antenna rear aft of A/C and connected to the AXP-322. Cirrus field repair/Alteration Drwg CDEP112. Updated the Avidyne R9 software to Release 9.4.1 per SB 601-00083-048 Rev. 2 dated 12/18/2018. Installation was performed following manufacture installation instructions and pertinent chapters of AC 43.13 1B & 2B. Weight and balance was performed, Logbook entry made and FAA form 337 filed. The installed ADS-B out system has been shown to meet the equipment requirements of 14 CFR 91.227.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order # AV-19-0814

Date 11/18/2019

Signed

Northpoint Aviation C.R.S. 6DVR982C

DATE	AIRCRAFT TIME  IN SERVICE  KIND OF INSPECTION-STATUS & DISCREPANCY LIST  SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE					
	NORTHPON					
	16278 Airport Road Brainerd, MN 56401 218-829-3398	Authorized Service Center				
	Log Book Entry N193S. I certify that the transpo FAR's 91.411, 91.413 a FAR 43 appendices E &	nder, altimeter, static system and altitude reporter tests required by nd 91.217 have been performed and found to be within the limits of				
	Primary Altimeter: 710 Transponder Model: A Encoder: 710-00118-0					
	and inspected in acc	cordance with current Regulations of the Federal Aviation approved for return to service. Pertinent details of the repair are on				
	Signed Signed	NorthPoint Aviation C.R.S. 6DVR982C				

AIRCRAFT TIME IN SERVICE

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

#### PINE RIVER AEROMOTOR 218-587-5000

12-16-19 N193SR A/CTT 1072.0 hrs. Engine TT 957.9 hrs. Performed annual inspection I/A/W Cirrus SR22T service manual and FAR 43 Appendix D. Performed ELT inspection I/A/W FAR 91.207 Paragraph [D]. ELT battery expires October 2019, new battery on order. Checked all AD's through 2019-25. Checked aircraft battery, lights and pitot heat. Inspected brakes and checked air pressure in all tires. Inspected all flying surfaces and landing gear. Avionics batteries P/N DURA12-7F2. Next due 12-20. I certify that this aircraft has been inspected I/A/W an Annual inspection and found to be in airworthy condition.

Ron Sieling A&P 3682463

ACR ELECTRONICS, Inc. Artex Products - CAGE Code 18560 Fort Lauderdale, FL 33312

PINE RIVER AEROMOTOR 218-587-5000

3-22-20 N193SR A/CTT 1091.0 hrs. Installed new battery in EL

6499 Rev F. Battery expires April 2027. Tested ELT I/A/W FAR 91.207

Paragraph D. No discrepancies noted.

Ron Sieling A&P 3682463--

**I. BATTERY** ACEMENT DATE

BOOK ENTRY

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

N193SR	AIRFRAME LOG BOOK ENTRY					1/10/20	
Cirrus	SR22 TN	S/N 2663	Flight	959.4	Hobbs	1073.5	
Continental	IO550N(50)	S/N 691330	Flight	959.4	Hobbs	1073.5	

■ AVIATION RESOURCES ■ 101 Airport Ave, Hangar7 Cumberland, WI 54829

Accessed aircraft. Checked line cutters for replacement date; next due 11/2021. Replaced both pilot and copilot seat inflators with new P/N 20902-005 - Pilot side S/N Z7EE231D0858, Co-pilot side S/N Z7EE231D0336 with 2 new harnesses P/N 20902-006, 2 new 90° fittings P/N 20902-007, and 8 new brackets P/N 20903-008; next due 9/2031. Removed EMA controller, and installed overhauled P/N 508358-421; next due – refurbished by 1/2027 or new by 1/2034. Adjusted rudder control rod, rod end 2 turns in to align rudder. Removed nose wheel and cleaned bearings, seals, and other parts. Re-assembled axle, bearings and seals in proper orientation with new grease. Re-assembled wheel on nose strut, torqued axle bolt to reduce spin 1 to 1-1/2 turns. Closed aircraft. (Refer to Job #193SR1 for details.)

THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA, AND IS APPROVED FOR RETURN TO

SERVICE.

JIM BARKER A&P/IA 2755069

Cell (715) 491-1303

Email jim@aviationvibes.com

A&P 2755069 2

AVIATION RESOURCES, LLC Hangar (715) 822-5787 www.aviationvibes.com

	MAKE: CIRRUS DESIGN COR MODEL: SR22	CIRRUS Cirrus Design Factor	ry Service Center DATE: 4/14/2020 A/C TSN: 977.7
	S/N: 2663 REG NO: N193SR	Repair Station No. YD5R855Y 4961 Airport Road	
	WORK ORDER: DLH19788-03		
	Airframe Entries		
	SR2X AMM 30-06. Next re-	ced ice protection filter element P/N: 26115-101 and inlequired maintenance due 04/2022 or FLT HRS: 2,177.7 atal deicing porous panels purged with pressure cart IA	, whichever occurs first.
	was repaired/inspected in acco	aircraft and the accompanying discrepancy forms. The aircraft, ordance with current requirements of the Federal Aviation Admin file at this Certified Repair Station CRS YD5R855Y.	, airframe, aircraft engine, propeller or appliance identified inistration and is approved for return to service. Pertinent
	DATE: 4/14/2020	SIGNED: Runh/RhuntVI	Work Order: DLH19788-03-2020
_		Brendon Butkiewicz Certified Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)
		Horizon AIRCRAFT ENGIN	E SERVICES, INC.
	Date: <u>5-20-2020</u> V	dhe Bolduc Aviation	
	Date: <u>5-20-2020</u> V		
		W/O: 32720 HOBBS: 1096.5 Model:	IO-550 S/N:
	Replace o-ring seal on	W/O: <u>32720</u> HOBBS: <u>1096.5</u> Model: TACH 987. 6 In starter adapter intermediate cover. Run u	p and leak check satisfactory.
	Replace o-ring seal on	W/O: 32720 HOBBS: 1096.5 Model: TACH りまえ。6 n starter adapter intermediate cover. Run un HORIZON AIRCRAFT ENGINE SERVICES, INC. DB/	p and leak check satisfactory.  A BOLDUC AVIATION
	Replace o-ring seal on	W/O: <u>32720</u> HOBBS: <u>1096.5</u> Model: TACH 987. 6 In starter adapter intermediate cover. Run u	p and leak check satisfactory.  A BOLDUC AVIATION  8R163C
	Replace o-ring seal on	W/O: 32720 HOBBS: 1096.5 Model: TACH 987. 6 In starter adapter intermediate cover. Run under HORIZON AIRCRAFT ENGINE SERVICES, INC. DB/F.A.A. Approved Repair Station YZ	p and leak check satisfactory.  A BOLDUC AVIATION  8R163C



## LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC



#### d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

	Aircraft			Eng	Engine		opeller
Manufacturer:	Cirrus	Date:	8/5/2020	Manufacturer:	Continental	Manufacturer:	Hartzell
Model:	SR22	W.O.:	M200633	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N
S/N:	2663	FHM:	992.5	S/N:	691330	S/N:	FP5991B
Reg #:	N193SR	Hobbs:	1106.6	TTE:	992.5	TTP:	992.5
TAT:	992.5						

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### Service Bulletins

The following Service Bulletins were incorporated at this maintenance event:

SB2X-52-08R2 - Catcher/Diverter and Gas Strut Rod End Replacement, Installed kit (70544-001)

SB2X-28-12R1 - Electric Fuel Pump Inspection. Complied with as part of annual inspection.

SB2X-57-13R2 - Lower Landing Gear Attach Bracket Torque. Adjusted torques to specs.

SB2X-71-33 - Release of Continental Motors Service Document SB 18-08. Not applicable - No cylinders replaced after 2014.

SB2X-30-07R3 - Porous Panel Vent Inspection - previously complied with.

SB 2X-74-01 - Fine Wire Spark Plugs Replacement - previously complied with. Massive-style spark plugs installed.

SB2X-79-08 - Remote-Mount Oil Pressure Sensor Installation - previously complied with.

SB 2X-32-19 R3 - Nose Landing Gear Assembly Inspection and Reinforcement. Complied with reinforcement section by installing Kit P/N: 70238-001.

#### Maintenance

Installed a serviceable new (MFD: 2020) portable fire extinguisher (P/N: RT-A400 S/N: Y-489598 MFD 2020. Weight 1 lb. 3.2 oz.).

5 year brake caliper o-ring replacement - installed new o-rings (M83461/1-222).

Removed #1 alternator (P/N: ES-10024 S/N: H073147). Installed a serviceable new alternator (P/N: 656802 S/N: H-Q031671).

Replaced defective pressure switch for flight hour meter with a serviceable new switch (14128-001).

Repaired crack at forward outboard intercooler cut-out on the right horizontal baffle. Fabricated a patch out of ,032" 2024-T3 aluminum and installed with solid rivets.

Repaired 2 cracks surrounding the intercooler cut-out on the left horizontal baffle. Fabricated a patch out of .032" 2024-T3 aluminum and installed with structural adhesive and solid rivets.

Repaired crack on the left aft baffle. Fabricated a patch out of .032" 2024-T3 aluminum. Treated patch with alumiprep and alodine. Installed patch using solid rivets.

Secured CAPS reefing line cutters with new thread.

Removed oxygen bottle (P/N: 1270152 S/N: 281-18874) & regulator (P/N: 100N1020-4 S/N: HPR100356) for 5 year service requirements, installed serviceable new bottle (P/N: 1275159 S/N: 921-2733) with serviceable overhauled original regulator (S/N: HPR100356). Serviced bottle with aviator's grade breathing oxygen. [O2 regulator was overhauled by Precise Flight, Inc. (CRS #: 6PCR620B) on work order 111554] Installed 4 overhauled flow meters, 4 new oxygen masks and 4 new cannulas in aircraft. [Flowmeters were overhauled by Precise Flight, Inc. (CRS #: 6PCR620B) on work order 111554]

Replaced worn brake discs with serviceable new discs (164-02504).

Replaced worn left MLG tire (P/N: 156E66-4 S/N: 00112083) and inner tube with a serviceable new tire (P/N: 070-449-0 S/N: 8166S00029) and inner tube (097-500-0). Serviced tire with nitrogen to the proper operating specifications. Leak check good.

Removed debonding tape from both belly heat shields. Clean and prepped affected area and applied new tape (50640-045U). Sealed edges with PR1440B sealant.

Secured left wing root fairing under wing with new tape (50640-045U).

#### LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC.



### d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center

### CRS VXWR051W

Aircraft

Date:

8/5/2020

Manufacturer:

Continental

Manufacturer:

Hartzell

Propeller

Model

Manufacturer:

Cirrus **SR22** 

W.O.:

M200633

Model:

IO-550-N(50)

Model:

PHC-J3YF-1N FP5991B

S/N: Req #:

2663 N193SR FHM: Hobbs: 992.5 1106.6 S/N: TTE: 691330 992.5

Engine

S/N: TTP:

992.5

TAT

992.5

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### **Maintenance**

Adjusted aileron cable tensions to specs REF: SR22 AMM 27-10.

Adjusted elevator cable tension to specs REF: SR22 AMM 27-30.

Repaired cosmetic damage to baggage door by filling affected area with aerodynamic filler. Primed, painted and clear coated affected area.

Complied with 500 hour lower engine mount torque checks.

Added TPOH & supplements as needed to new POH/AFM (13772-001 Rev. A10) and installed in airplane.

The above maintenance was accomplished referencing the Cirrus Design SR22 Airplane Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this aircraft is approved for return to service.

Signed:

Print:

for COMMONWEALTH AVIATION SERVICE, INC. d/b/a MILLION AIR - RICHMOND

F.A.A. Approved Repair Station No. VXWR051W

## INSPECTION RECORD

LOGBOOK ENTRY
COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND
Cirrus Design Service Center

CRS VXWR051W

	Airc	craft		Eng	<u>ine</u>	Pro	opeller	
Manufacturer:	Cirrus	Date:	8/5/2020	Manufacturer:	Continental	Manufacturer:	Hartzell	
Model:	SR22	W.O.:	M200633	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N	
S/N:	2663	FHM:	992.5	S/N:	691330	S/N:	FP5991B	
Reg #:	N193SR	Hobbs:	1106.6	TTE:	992.5	TTP:	992.5	
TAT:	992.5							

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### Inspections

Precise Flight Oxygen System (STC SA01708SE) ICA 102NMAN0003, Rev. G - annual, 5 & 15 year requirements

FAR 91.207(d) ELT Inspection - Artex ELT P/N: ME406 S/N: 04691 - Battery due replacement April 2027.

Avidyne DFC100 Autopilot ICA - annual requirements

Avidyne IFD 5000 ICA - annual requirements

Tornado Alley Turbo, Inc. ICA 22-6460004 Rev. C. - annual requirements

Annual Inspection - The aircraft listed above was inspected using the manufacturer's current inspection guide (Revised Sept. 4, 2018).

The above inspections were accomplished in accordance with the Cirrus SR22 Airplane Maintenance Manual and/or vendor manuals as required by 14 CFR 91.409(a)(1). With regard to the work performed, I certify that this aircraft is in airworthy condition.

Signed:

Print:

COMMONWEALTH AVIATION SERVICE, INC.

d/b/a MILLION AIR - RICHMOND

F.A.A. Approved Repair Station No. VXWR051W

10/26/2021	Tach: 1223.1	N193SR	Cirrus	S/N:	REPANCY LIST PPROVING AIR	CRAFT FOR SERVICE	CE
	r system installed I	P/N: SL6					
OPS check go	od. raft to service.						
	END	)		,			
weller	- My 0						
William R. Y	oungs A&P 2896	5057 I.A.					
					-		
					-		

## LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC



#### d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

	A	ircraft		Eng	ine	Propeller	
Manufacturer:	Cirrus	Date:	9/3/2021	Manufacturer:	Continental	Manufacturer:	Hartzell
Model:	SR22	W.O.:	M210805	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N
S/N:	2663	FHM:	1062.2	S/N:	691330	S/N:	FP5991B
Reg #:	N193SR	Hobbs:	1209.4	TSN:	1062.2	TSN:	1062.2
TAT:	1062.2						

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### **Airworthiness Directives (AD's)**

The following AD's were complied with during this maintenance event:

2020-19-06 (McCauley Propeller Systems) AD does not apply, propeller governor (P/N: C290D3R/T23 S/N: 070549) was installed during aircraft manufacture on Aug. 28, 2007. The governor was not overhauled since that date and no record of bearing (A-20028) being replaced.

#### Service Bulletins (SB's)

The following SB's were complied with during this maintenance event:

2X-28-11R3 (Fuel Line Replacement) Complied with SB instructions and installed new fuel line (17313-002).

2X-95-24R2 (CAPS Rocket Shelf Ground Wire) Complied with SB instructions and installed kit (70572-001).

#### Maintenance

CAPS Line Cutters 6 Year Replacement - Removed line cutters and installed new (P/N: 26707-001 S/N's: 19741, 19636). DOM: 05/2021; Expires: 05/2027

Brake Assembly O-Rings 5 Year Replacement - Installed new o-rings (M83461/1-222) and brake temperature overheat stickers (51698-001 & 51698-003) for both brake assy's.

Propeller Governor 5 Year/2000 Hour Overhaul - Complied with

ELT RCPI Battery 5 Year Replacement - Installed new battery(28L)

2 Year Magnetometer Calibration - Complied with

Corrected all errors on the PFD/MFD configuration page. ADS-B now transmits correct "N" number.

Repaired ground plane for #2 COMM antenna and installed new antenna mounting hardware. Repaired bad coax connector @ #2 COMM transceiver. Swapped COMM transceivers and both COMM's receive good at this time. Left COMM transceivers swapped for further troubleshooting purposes. COMM P/N's: 710-00060-001 Left S/N: M111437291, Right S/N: M111739839

Removed main aircraft battery (P/N: RG24-15M S/N: 40833078) for capacity test. Battery failed the initial capacity test. Performed a conditioning charge and a second capacity test. Battery passed capacity test. Recharged and reinstalled serviceable original main aircraft battery (S/N: 40833078)

Stop drilled crack in prop baffle.

Mechanically removed damage to aft right engine baffle where it appears something shorted to the battery terminal.

Stop drilled and filed out crack in the induction filter hold down bracket.

Cleaned induction filter with cleaning kit and recharged with oil.

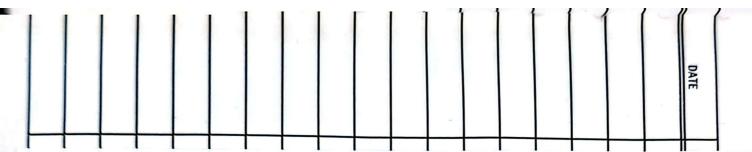
Repaired cosmetic damage to nose wheel fairing, primed, painted and installed new erosion and tow bar protectors.

Repaired cosmetic damage to nose wheel strut fairing, primed and painted

Repaired cosmetic damage to the left & right MLG fairings, primed, painted and installed new erosion protectors.

Replaced right main tire and inner tube with new inner tube (097-500-0) and tire (P/N: 070-449-0 S/N: 9212S00162).

Installed new brake linings (066-06200) on both main brakes.



#### LOGBOOK ENTRY

COMMONWEALTH AVIATION SERVICE, INC



d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

		Aircraft		<u>Eng</u>	<u>ine</u>	Prop	eller	
Manufacturer:	Cirrus	Date:	9/3/2021	Manufacturer:	Continental	Manufacturer:	Hartzell	
Model:	SR22	W.O.:	M210805	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N	
S/N:	2663	FHM:	1062.2	S/N:	691330	S/N:	FP5991B	

TSN:

1062.2

1062.2

TSN:

TAT: 1062.2

Reg #:

N193SR

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### **Maintenance**

Shimmed left & right MLG struts to bring the grommet gap within tolerance.

Hobbs:

Replaced both right brake caliper o-rings with new o-rings (M83461/1-222). Bled brakes and serviced hydraulic reservoir. Installed new brake temperature overheat stickers (51698-001 & 51698-003)

Replaced #1 alternator output fuse with new fuse (51136-100).

The above maintenance was accomplished referencing the Cirrus SR22 Aircraft Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this airframe is approved for return to service.

Signed:

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1209.4

COMMONWEALTH AVIATION SERVICE, INC.

d/b/a MILLION AIR - RICHMOND

F.A.A. Approved Repair Station No. VXWR051W

#### LOGBOOK ENTRY

#### COMMONWEALTH AVIATION SERVICE, INC



#### d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

	A	ircraft		Eng	ine	Prop	peller
Manufacturer:	Cirrus	Date:	9/3/2021	Manufacturer:	Continental	Manufacturer:	Hartzell
Model:	SR22	W.O.:	M210805	Model:	IO-550-N(50)	Model:	PHC-J3YF-1N
S/N:	2663	FHM:	1062.2	S/N:	691330	S/N:	FP5991B
Reg #:	N193SR	Hobbs:	1209.4	TSN:	1062.2	TSN:	1062.2
TAT:	1062.2						

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### Inspections

Annual Inspection - The aircraft listed above was inspected using the manufacturer's current inspection guide SR22 AMM 05-20 (revised Aug. 20, 2019).

Tornado Alley Turbo, Inc. ICA 22-6460004, Rev. C - annual requirements.

Precise Flight Oxygen ICA Annual Inspection Items REF: Document # 102NMAN0003, Rev. G

Annual capacity check aircraft battery (P/N: RG24-15M S/N: 40833078)

The above inspections were accomplished in accordance with the Cirrus SR22 Airplane Maintenance Manual and/or vendor manuals as required by 14 CFR 91.409(a)(1). With regard to the work performed, I certify that this aircraft is in airworthy condition.

Signed:

Print:

COMMONWEALTH AVIATION SERVICE, INC.

d/b/a MILLION AIR - RICHMOND

F.A.A. Approved Repair Station No. VXWR051W

#### ILICATOTION BECOME

#### LOGBOOK ENTRY

#### COMMONWEALTH AVIATION SERVICE, INC.



#### d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

Aircraft				Eng	Propell	Propeller	
Manufacturer:	Cirrus	Date:	10/4/2021	Manufacturer:	Continental	Manufacturer:	
Model:	SR22	W.O.:	M210905	Model:		Model:	
S/N:	2663	FHM:	1063.3	S/N:		S/N:	
Reg #:	N193SR	Hobbs:	1212.7	TSN:		TSN:	
TAT:	1063.3						

#### AIRFRAME LOGBOOK INSERT

The airframe identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this maintenance are on file at this repair station.

#### Maintenance

Removed defective #1 alternator field control module (14605-002) and installed new module (29435-002).

Removed both 2 amp fuses (blown) for the #1 alternator ammmeter and installed new fuses (ATM-2).

Removed defective DAU (P/N: A1615 S/N: 1356) for repair. Reinstalled serviceable modified DAU (S/N: 1356) to Rev. F per SB\_ 003, Rev. E.

Bolt connecting propeller governor to cable was over torqued causing throttle lever to be stiff. Loosen and torqued correctly. Adjusted max stops for propeller governor and throttle so that both hit at the same time.

Reinstalled duct that came off right inner cooler. (Causing low manifold pressure at full power)

All engine, engine indications and alternators controls and operation checked good after maintenance action.

The above maintenance was accomplished referencing the Cirrus SR22 Aircraft Maintenance Manual and/or vendor manuals and documented as required by 14 CFR 43.9. With regard to the work performed, I certify that this airframe is approved for return to service.

Signed:

Print:

for

COMMONWEALTH AVIATION SERVICE, INC.

d/b/a\MIL\LION AIR - RICHMOND F.A.A. Approved\Repair Station No. VXWR051W

Gardner

DATE	AIRCRAFT TIME IN SERVICE		D OF INSPECTION-STATUS & DISCREPANCY LIST . OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
02/11/2022		HOBBS: 1237.3	N193SR —
		h 8 quarts of Phillips 20W50 X/0 is time. Paul E. Rush A&P 49266	C. Changed filter and serviced with CH48108.
02/11/202	2	HOBBS: 1237.3	N193SR
— Installed la	nding light, own	er provided. Paul E. Rush A&P 4	192669013 Fall Rush —
09/	14/2022	HOBBS: 1293.21	N193SR
	alled new nose f	airing brackets, repainted fairing	g and installed. Paul E. Rush A&P
N1	L93SR EN	GINE HOBBS 1279.30	FLT 1116.90 7-11-22
CH CH	IECK OK. Clan	D FILTER, ADDED 8 QTS PHILLI H. M.S.J. H. MCBRIDE 31920581A	IPS 20W50. ENGINE RUN LEAK

Performed 100 hr inspection in accordance with manufacture guidelines and FAR 43.13 appendix D. Complied with ELT FAR 91.207 (d), found to be okay at this time. Complied with Tornado Alley Turbo, Inc. inspection. Found to be okay at this time. Complied with Precise Flight Oxygen inspection. Found to be okay at this time. Inspection of air craft battery capacity, found to be okay at this time. Complied with SB 2X-32-17, torqued nose wheel bolts to 75 in lbs. Complied with SB 2X-32-19R1, nose landing gear inspection, found to be okay at this time. Removed and installed new nose landing gear pucks P/N 13386-001. I certify that this air frame has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition at this time. Paul E. Rush A&P 492669013

11/01/2022 TACH&TSNEW: 1293.2 HRS(HOBBS) 1129.6 HRS(FLIGHT HOBBS) N193SR
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

PHILIP D. CHAFFEE A&P 1990828 IA

2025 ANNUAL

01/05/2025

TACH & TSNEW: 1293.4 (HOBBS) 1129.6 HRS (FLIGHT HOBBS) N193SR

Performed 100 hr inspection in accordance with manufacture guidelines and FAR 43.13 appendix D. Complied with ELT FAR 91.207 (d), found to be okay at this time. Complied with Tornado Alley Turbo, Inc. inspection. Found to be okay at this time. Complied with AD2024-24-11 found to be NA per part number, P/N 15587-001B installed Complied with Precise Flight Oxygen inspection, bottle check due 05/01/2025. Found to be okay at this time. Inspection of air craft battery capacity, found to be okay at this time. Complied with SB 2X-32-17, torqued nose wheel bolts to 75 in lbs. Complied with SB 2X-32-19R1, nose landing gear inspection, found to be okay at this time. Installed new induction air-filter. Installed new battery Concord RG24-15M S/N 70046792. Serviced deice fluid. I certify that this air frame has been inspected in accordance with a 100 hour inspection and has been determined to be in air worthy condition at this time. Paul E. Rush A&P

s been inspected in	accordance with a 100 hour inspection and has been determined to be in air
orthy condition at th	nis time. Paul E. Rush A&P
2669013	·
I	
01/05/2025	TACH & TSNEW: 1293.4 HRS (HOBBS) 1129.6 HRS (FLIGHT HOBBS) N193SR
Visually inspected accordance with a	inspection in accordance with manufacture guidelines and FAR 43.13 appendix D. propeller, tracking and security. I certify that this propeller has been inspected in 100 hour inspection and has been determined to be in air worthy condition at this A&P 492669013