

INSPECTION RECORD

F.A.R. 43.11-91.409

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

MAKE: Cirrus
 MODEL: SR 20
 S/N: 1299
 REG. NO: N77ZX
 WORK ORDER:
 3065-08-2013



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 9/25/2013
 A/C TSN: 1273.4
 HOBBS: 1273.4

Airframe Entries

Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Inspected and lubricated all pulleys, cables, rod ends trim cartridges and hinges. Inspected and tested ELT per FAR 91.207(d), ELT batteries (Exp. 03/2014). Check AD's thru BW 2013-19. C/W AD 2008-11-18 per SB 2X-78-07R1 "SR20 Heat Exchanger Inspection" by performing pressurization check per Inspection/Check - Heat Exchanger Ref. CDC SR20 AMM 78-20. No leaks or cracks found this date. Next due Hobbs: 1373.4... C/W SB 2X-27-16 R2 "Flap actuator modification" by installing kit P/n 70255-002. Rigged flaps, operational check satisfactory. Ref. SR20 AMM 27-50.... Top charged and installed (2) new #2 batteries P/n 50979-001. Next due: 09/2015.... Removed LH & RH cabin entry step wing walk and installed new step wing walk P/n 12683-006.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3065-08-2013.

DATE: 9/25/2013

SIGNED:

Philip L Zwahr, A&P: 26556191A

Work Order: 3065-08-2013

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11-13

1274.6

OWNER INSTALLED NEW LANDING LIGHT LENS
 CIRRUS PART # 14523-003 SERIAL BATCH # 0003723831


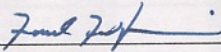
CERT # 3272964

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	DATE
	MAKE: Cirrus MODEL: SR 20 S/N: 1299 REG. NO: N77ZX WORK ORDER: 3560-09-2014	 Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800	DATE: 9/29/2014 AC TSN: 1323.1 HOBBS: 1323.1
	Airframe Entries Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Inspected and lubricated all pulleys, cables, rod ends trim cartridges and hinges. Inspected and weighed cabin fire extinguisher. Inspected and tested ELT per FAR 91.207(d), ELT batteries (Exp. 12/2023). Check AD's thru BW 2014-18. C/W AD 2008-11-18 per SB 2X-78-07R1 "SR20 Heat Exchanger Inspection" by performing pressurization check per Inspection/Check - Heat Exchanger Ref. CDC SR20 AMM 78-20. No leaks or cracks found this date. Next due Hobbs: 1423.1.... Installed (1) new nose gear puck P/n 11879-006 and (2) new rebound bumpers P/n 14020-001.... Installed new landing light vibration mounts P/n 14502-003.... Installed new landing light lens P/n 14526-003.... Bonded LH and RH lower wing root trim with new double sided tape P/n 51847-045U.... Installed new RH nose wheel fairing support bracket P/n 11799-003.... Removed LH muffler for repairs by Aero Structural Services CRS No. F8VR2340, under W/O 378839. Reinstalled muffler after repairs, pressurized and checked for leaks.... Installed new LH rear seat recline lock pin P/n 50830-001.... Installed friction lock tube P/n 10014-001. Operational check satisfactory.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.		
	Maintenance Release The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3560-09-2014.		
	DATE: 9/29/2014	SIGNED:  Fouad Hussain, A&P: 3204861 IA	Work Order: 3560-09-2014 Printed by EBis 3 (datcomedia.com)

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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MAKE: Cirrus
MODEL: SR 20
S/N: 1299
REG. NO: N77ZX
WORK ORDER:
3839-03-2015



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 3/27/2015
A/C TSN: 1333.8
HOBBS: 1333.8

Airframe Entries

Removed RH strobe and NAV light assembly, and installed customer provided strobe and NAV light assembly. Operational check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3839-03-2015.

DATE: 3/27/2015

SIGNED: 

Martin Aaron Nicely, A&P: 3279896

Work Order: 3839-03-2015

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MAKE: Cirrus
MODEL: SR20
S/N: 1299
REG. NO: N77ZX
WORK ORDER:
3892-04-2015



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 5/4/2015
A/C TSN: 1340
HOBBS: 1340

Airframe Entries

Serviced and installed new customer provided Gill battery P/n 7243-16, S/N G02871426. Operational check satisfactory.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3892-04-2015.

DATE: 5/4/2015

SIGNED: 

Elijah Derbecker, A&P: 3757478

Work Order: 3892-04-2015

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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

DATE

AIRCRAFT TIME
IN SERVICE

DATE

AIR

MAKE: Cirrus
MODEL: SR20
S/N: 1299
REG. NO: N77ZX
WORK ORDER:
4084-09-2015



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 10/12/2015
A/C TSN: 1355.5
HOBBS: 1355.5

Airframe Entries

Completed an Annual Inspection this date Ref. CDC SR20 AMM 5-20. Inspected and lubricated all pulleys, cables, rod ends trim cartridges and hinges. Inspected and weighed cabin fire extinguisher. Installed new air filter element P/n BA24. Inspected and tested ELT per FAR 91.207(d), ELT batteries (Exp. 12/2023). Check ADs thru BW 2015-21. C/W AD 2008-11-18 per SB 2X-78-07R1 "SR20 Heat Exchanger Inspection" by performing pressurization check per Inspection/Check - Heat Exchanger Ref. CDC SR20 AMM 78-20. No leaks or cracks found this date. Next due Hobbs: 1455.5 or 10/2016.... C/W SB2X-28-12R1 "Electric Fuel Pump Inspection" by performing electric fuel pump leak check and inserting POH Temporary Revision 15-28 in aircraft POH.... Installed new CAPS handle pin P/n 25322-001.... Installed new ALT 2 output wire P/n 16615-010. Operational check satisfactory.... Installed new RH MLG leg upper fairing well nut P/n 50903-001.... Installed new rudder aileron interconnect bungee P/n 12983-001, Ref AMM 27-20. Operational check satisfactory.... Top charged and installed (2) new #2 batteries P/n 50979-001. Operational check satisfactory. Re-torqued LH and RH lower engine mounts per AMM 71-20.... I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4084-09-2015.

DATE: 10/12/2015

SIGNED:

Philip L. Zwahr, A&P: 2685619 IA

Work Order: 4084-09-2015

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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

VICE

DATE

AIRCRAFT TIME
IN SERVICE

SEE NEW AIRCRAFT LOG
BOOK AS OF 2-2-2016
DWH
CERT. #
3272764

CIRRUS SR20 N77ZX

BOOK 2

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS MODEL SR20 DATE OF MFG. FEB 2003

SERIAL NUMBER 1299 REGISTRATION NUMBER N772X

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP' _____

Inspection Status

(Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AGENCY T. NO.	A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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MAKE: Cirrus
 MODEL: SR20
 S/N: 1299
 REG. NO: N77ZX
 WORK ORDER:
 4644-10-2016



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 11/11/2016
 A/C TSN: 1404.2
 HOBBS: 1404.2

AD Entries

Researched all ADs and Mandatory Service Bulletins thru BW 2016-22. C/W AD 2008-11-18 per SB 2X-78-07R1 "SR20 Heat Exchanger Inspection" by performing pressurization check per Inspection/Check - Heat Exchanger Ref. CDC SR20 AMM 78-20. No leaks or cracks found this date. Next due Hobbs: 1504.2 or 10/2017.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4644-10-2016.

DATE: 11/11/2016

SIGNED:

Work Order: 4644-10-2016

Fouad Hussain, A&P: 3204861 IA

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MAKE: Cirrus
 MODEL: SR20
 S/N: 1299
 REG. NO: N77ZX
 WORK ORDER:
 5098-11-2017



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
 Sugar Land, TX 77498 USA
 Phone: 281-494-5800

DATE: 12/18/2017
 A/C TSN: 1441.3
 HOBBS: 1441.3

AD Entries

Researched all ADs and Mandatory Service Bulletins thru BW 2017-25. C/W AD 2008-11-18 per SB 2X-78-07R1 "SR20 Heat Exchanger Inspection" by performing pressurization check per Inspection/Check - Heat Exchanger Ref. CDC SR20 AMM 78-20. No leaks or cracks found this date. Next due Hobbs: 1541.3 or 12/2018.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 5098-11-2017.

DATE: 12/18/2017

SIGNED:

Work Order: 5098-11-2017

Philip L Wahr, A&P: 2685619 IA

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RADIO & ELECTRONIC CHECKS

ED BY: CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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12-10-2015

N77ZX

S/N 1299

WO: 20749

Removed the Transponder GTX 327 P/N: 011-00490-00 S/N: 83712324 and sent in for repair. Reinstalled repaired Transponder GTX 327 P/N: 011-00490-00 S/N: 83712324. I certify that the transponder in this aircraft has been tested and meets the requirements of FAR 91.413 and FAR 43 – Appendix F.
With Regard to work performed, this aircraft is returned to service.



SOLAPP AVIONICS INC.
CRS OSJ598L
12888 HWY 6 S. HANGAR 105
SUGAR LAND, TX 77498

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	DATE
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JONES AVIONICS FAA CRS#YVJR478Y DAVID WAYNE HOOKS AIRPORT KDWH 281-433-6077
1-31-2017 N77ZX SR20 S# 1299 HOBBS 1412.7

Equipment Installation: Free Flight 978 XVR/G 978 ADS-B Transceiver


Removed Alt Encoder SSD120-XXA, s#71009 (.625LB), Installed STC components- FDL-978-XVR GPS Antenna ,s#21192 (0.5LB); UAT Tx/Rx Ant (AV-22) p/n 85937(.0625 LB) , s# N/A; FFS FDL-978- p/n 87098-00-FX00 978 Transceiver w/GPS, s#1642P619 (0.86LB); TC-978 Control Head p/n 87349 (0.11LB); s#4214-01018; Serial To Wi-Fi Transceiver p/n FWF-125, s#1646V125 (0.18LB). Reference- FFS ADB-B FDL 978 Series and FDL-978 Lite Series IM, p/n 87098-XX-XXXX, Document No. 87343. FWF-125 Serial To WiFi Trnsceiver(P/N 86943-00) Installation Manual Document No. 87330 Rev. D. Garmin GTX 327 IM p/n 190-00187-02 May, 2011 Revision P; FAA AC 43.13-2B CH.1,2,3. Rev. 03/03/2008.

STC Components- FDL-978-XVR GPS Antenna ,s#21192 (0.5LB); UAT Tx/Rx Ant (AV-22) p/n 85937(.0625 LB) pre-installed by Cirrus Dealer - Houston Aviation Center 12888 Hwy. 6 S, Hangar 104 Sugar Land, TX 77498.

Authorized Signature:

W.O. Reference #12958

RADIO & ELECTRONIC CHECKS

CHECKED BY: — CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
			 Jones Avionics FAA CRS#YVJR478Y David Wayne Hooks Airport 281-433-6077				
							Date <u>6/14/17</u> N# <u>777X</u> Altimeter P/N <u>5934D-3</u> Ser. No. <u>429279</u> XPDR P/N <u>6TX 327</u> Ser. No. <u>83712324</u> Encdr Mfg./P/N <u>Ranger XVR-Blue</u> Ser. No. <u>87349</u> TC- 978 Pitot, Static, Altimeter, Xpdr, and Altitude reporting system tested & inspected and meets the requirements of FAA 14 CFR 91.411, 91.413, Part 43 Append. E & F. Cert to <u>29,000 ft</u> Inspector <u>[Signature]</u> W.O. Reference # <u>13089</u>

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 958

MAINTENANCE RECORD

F.A.R. 43.9

DATE NO. TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ENGINE MODEL:
IO-360-ES6
ENGINE S/N: 357559
REG. NO: N77ZX
WORK ORDER:
4250-01-2016



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 1/19/2016
A/C TSN: 1372.7
ENG TT: 1372.7
HOBBS: 1372.7

Engine Entries

Drained oil and inspected oil filter for contaminants (AOA sample taken). Installed new oil filter P/n AA48108-2 and serviced with 8 qts. Aeroshell 15W-50. Ran engine and checked for leaks.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4250-01-2016.

DATE: 1/19/2016

SIGNED:

Work Order: 4250-01-2016

Martin Aaron Nicely, A&P: 3279896

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MAKE: Cirrus
MODEL: SR20
S/N: 1299
REG. NO: N77ZX
WORK ORDER:
4730-01-2017



Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 1/30/2017
A/C TSN: 1412.7
HOBBS: 1412.7

Airframe Entries

Installed new customer-provided RAMI, Inc. UAT Transponder Antenna P/n 85937. Installation was performed using Cirrus Design Corp., Field Repair/Alteration Repair No. FRA00008681B, Dated Jan 24, 2017 and CDC SR20 AMM 51-20.... Installed new customer-provided WAAS GPS antenna P/n 81194, S/N 21192. Ref. CDC SB 2X-34-23 R1, Paragraph S & T. Amended Aircraft Weight & Balance.

Maintenance Release

The aircraft and/or component(s) on N77ZX was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4730-01-2017.

DATE: 1/30/2017

SIGNED:

Work Order: 4730-01-2017

Fouad F. Hussain, A&P: 3204864

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Houston Aviation Center, LLC

12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800
Fax: 281-494-5803
Email: hac@houston-aviation.com
Date: 11/20/2014, 10:52 AM

CUSTOMER INFORMATION

Clarke, Jeff
3318 Winnsboro Ct.
Sugar Land, TX 77478
832-425-8277
cirrus77zx@aol.com
Reg. No: N77ZX
2003 Cirrus SR 20
Current A/C TT: 1323.7, Hobbs: 1323.7
A/C Serial: 1299

Customer Invoice
Work Order: 3657-11-2014

Total Balance Due \$1,386.84 (See Below For Cost Detail)

Item: 1 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Install reefing line cutters/due for replacement.	1.00	90.00

Hobbs: 1323.7

Corrective Action

Removed CAPS reefing line cutters Lot No. TOS08L003-057, and installed kit P/n 25347-002, Lot No. 1RRL1014, Mfg. 10/2014, LH S/N 7394 and RH S/N 7400. Ref CDC SR20 AMM 95-01.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		25347-002	KIT, LINE CUTTER REPLACEMENT, SR20/22 (Taxed)		1,198.00	1,198.00

Labor: \$90.00	Parts: \$1,198.00	Shipping: \$0.00	Item Subtotal: \$1,288.00
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Additional Charges							Subtotal
Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00

Labor Summary	
Shop Labor: \$90.00	Outside Repair: \$0.00

1.00 hours were needed to complete this Work Order

Total Labor:	\$90.00
Total Parts:	\$1,198.00
Total Shipping:	\$0.00
Additional Charges:	\$0.00
Tax:	\$98.84
Amount Due:	\$1,386.84
Deposits & Credits:	\$0.00
Balance Due:	\$1,386.84

Important Information

PLEASE NOTE-ALL INVOICES ARE DUE UPON RECEIPT

We accept MasterCard, Visa, American Express and Discover

Thank you for your business!

Clarke, Jeff or Authorized Representative

Date



AIRCRAFT WEIGHT AND BALANCE REPORT

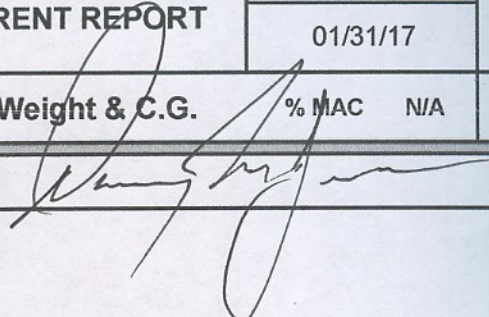
Jones Avionics FAA CRS #YVJR478Y

MAKE CIRRUS	MODEL SR20
REGISTRATION NO. N77ZX	SERIAL NO. 1299

ITEM DESCRIPTION	ITEM REMOVED				ITEM INSTALLED			
	Serial No.	Weight	Arm (Inches)	Moment	Serial No.	Weight	Arm (Inches)	Moment
Alt Encoder SSD120-XXA		0.63	120.00	75.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
FDL-978-XVR GPS Antenna				0.00		0.50	157.00	78.50
UAT Antenna AV-22				0.00		0.06	250.00	15.63
FDL-978-XVR/G, Bracket				0.00		1.20	120.00	144.00
TC978 Control Head				0.00		0.11	128.00	14.08
				0.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
				0.00				0.00
TOTAL		0.63	120.00	75.00		1.87	134.69	252.21
NET CHANGE	Weight	1.25	Arm	142.05	Moment	177.21		

PREVIOUS REPORT	DATE	Weight	Arm	Moment
	02/10/06			
Empty Weight & C.G.	% MAC N/A	2,133.00	141.21	301,198.00

CURRENT REPORT	DATE	Weight	Arm	Moment
	01/31/17			
Empty Weight & C.G.	% MAC N/A	2,134.25	141.24	301,450.21

SIGNED:  Date: 1-31-2017 AGENCY: JONES AVIONICS



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N77ZX	Serial No. 1299	
	Make CIRRUS	Model SR20	Series -
2. Owner	Name (As shown on registration certificate) CLARKE JEFFREY O		Address (As shown on registration certificate) Address 3318 WINNSBORO CT
			City SUGAR LAND State TEXAS
			Zip 77478 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Jones Avionics	Address 20803 Stuebner Airline Hangar G3 City Spring State Texas Zip 77379 Country USA	<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input checked="" type="checkbox"/> Certificated Repair Station	
		<input type="checkbox"/> Certificated Maintenance Organization	FAA CRS#YVJR478Y

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 1-31-2017
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee <input checked="" type="checkbox"/>	Repair Station <input checked="" type="checkbox"/>	Inspection Authorization <input checked="" type="checkbox"/>	Other (Specify)

Certificate or Designation No. FAA CRS#YVJR478Y	Signature/Date of Authorized Individual 1-31-2017
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NOTICE

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

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N77ZX	1-31-2017
Nationality and Registration Mark	Date

INSTALLATION : FREE FLIGHT ADS-B UAT FFS FDL-978-Transceiver w/WAAS GPS

Removed Alt Encoder SSD120-XXA, s#71009 (.625LB), Installed STC components- FFS FDL-978- p/n 87098-00-FX00 978 Transceiver w/GPS, s#1642P619 (0.86LB); TC-978 Control Head p/n 87349 (0.11LB); s#4214-01018; Serial To Wi-Fi Transceiver p/n FWF-125, s#1646V125 (0.18LB). Note; STC Components- FDL-978-XVR GPS Antenna , s#21192 (0.5LB); UAT Tx/Rx Ant (AV-22) p/n 85937(.0625 LB) , s# N/A pre-installed by Cirrus Dealer - Houston Aviation Center 12888 Hwy. 6 S, Hangar 104 Sugar Land, TX 77498.

References- FFS ADB-B FDL 978 Series and FDL-978 Lite Series IM, p/n 87098-XX-XXXX, Document No. 87343. FWF-125 Serial To WiFi Trnsceiver(P/N 86943-00) Installation Manual Document No. 87330 Rev. D. Garmin GTX 327 IM p/n 190-00187-02 May, 2011 Revision P; FAA AC 43.13-2B CH.1,2,3. Rev. 03/03/2008.

FDL-978- Unit, Existing aircraft Mode A/C Transponder Garmin GTX 327, Free Flight TC-978 Control Head, WAAS GPS Antenna,UAT Antenna comprise a fully functional and FAA approved ADSB-OUT system. The TC978 Controller is connected to the aircraft static system, receives its power from and communicates with the FDL-978, as well as functioning as the sole barometric pressure altitude data source for both the FDL 978 and the Garmin GTX 327 Transponder. The FDL 978 is connected directly to the Garmin GTX 327 Transponder via RS 232 communication interface.

The FDL-978-UAT interfaces with the TC978 Controller (P/N 87349), which displays transmitted Squawk Code, Call Sign/Flight ID,Reported pressure altitude in hundreds of feet, and system fault annunciations. The TC978 is not configured to control the GTX 327 or to remotely set Squawk Codes(set on GTX 327 only).

Continued Airworthiness Requirements

The FDL-978 Series and FDL-978 Lite Series systems require no periodic maintenance or calibration. Maintenance is performed on an on-condition basis only. The FDL 978 unit performs a power-on self-test (POST) and is continually tested using a Periodic Built-In Test (PBIT) when the system is in operation. This method of testing will notify the operator of a failure via the TC978 Control Display unit.

Weight and Balance report has been updated to reflect this alteration. Aircraft Flight Manual Supplement, Pilot Guide and User manual has been provided to the aircraft owner/operator and must be in the aircraft and made available to the flight crew at all times of aircraft operation.

Additional Sheets Are Attached

Paperwork Reduction Act Statement: The reason for collecting this information is to track major maintenance performed on aircraft. The collected information is used as part of the aircraft's historical file. The public reporting burden for this collection of information is estimated to average 30 minutes per response. Responses are mandated by 14 CFR Part 43. Collected information becomes part of the public record and no confidentiality is required. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection is 2120-0020. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.