

AIRCRAFT DESCRIPTION

MANUFACTURER Cirrus DE	sign Corp. MODEL SR20	DATE OF MFG. JUN20 4
SERIAL NUMBER 2291 REGISTERED OWNER	REGISTRATION NUMBER	Inspection Status (Check one)
STREET ADDRESS		F.A.R. 91 .409 ANNUAL/100 HOUR
OPERATORSTREET ADDRESS		F.A.R. 91.409 PROGRESSIVE
CITY, STATE, ZIP REGISTERED OWNER		F.A.R. 135.419 A.T.C.O.
CITY, STATE, ZIP		DATE ENTERED
OPERATOR STREET ADDRESS		MAINTENANCE RESPONSIBILITY
CITY, STATE, ZIP'		

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental Motors Inc	TO 36055	B 1012065
ENGINE			R L
PROPELLER	Hartzell Propeller Inc.	PHC-J3YF-IRE	FP8630B
PROPELLER			
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PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

PART	NUMBER	NUMBER	DATE/HOURS	AT INSTALL	OR T.B.O.	DATE/HOURS	CERT. NO.
	_		Life Limite	d Parts SR20			
	PA	RT NAME	PART NUMBER		EXPIR	ES	
	CAP	S Rocket Motor	29500-003	S/N_1066	05/20	25	
	CAI	PS Parachute	25337-005	SNB1201	0.3/2		
	CAL	PS Recfing Line ters	26707-001	S/N: 8118 S/N: 8155	04/20		
	ELT	Battery Pack	452-6504-1		05/20		
	EM AA	A Controller,	20902-001	A165AN15-19	2 01/207	2	
	co	Detector	24660-004	S/N_117.74	04/20	~2 ====================================	
		ot Seat Inflator sembly	20902-002	S/N_10017	031 29	327	
		Pilot Seat ator Assembly	20902-002	S/N_10335	03120	27	
				1			
	-						

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

	HIVAAOU	ILLIACOO	DIUCCLIACLL	ACIONI D	OLLLI III CO	
A.D./BULL.	AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
A.D./BULL. NUMBER		DATE & HRS.	METHOD OF	s through b	i-weekly	AUTHORIZED SIGNATURE

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

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROV	/ED BY: CERT. NO.
	I certify that the reporter test requirement been performed E & F and AC TESTED TO	uired by FAR and found with the country of the coun	ithin the limits o	13, & 91.217 h	endices			
	Transponder	: Mfg <u>Ga</u> del: <u>GTX</u>	armin_P/N_2 -33ES_S/N_	24653-002 89129	322			
	Air Data Cor S/N	mputer: M	odel GDC74	4A_P/N_246	551-001			
	Altimeter: M	Ifg United		-003				
	CDC Quality Cirrus Design PC# 338CE	n Corporati	on Duluth, M	on <u>S/I</u> N USA	9/15			
	PC# 330CE							

DATE					Same Green	T166 140	1 M (2) MO		APPROV	VED BY: CERT. NO.
					L. Manuall Con	DIA WARDLING	10000		1	CENT. NO.
	5-30	-2017	irnus	SR-20	N22542	_				
	This is to	certify that to	he Altimet	ter and stat	ic system test i ed. The Altimet	required by	14 CFR 91.4	11 and as or	utlined in	14
								200		
	CFR 43 A	ppendices E	&F has be	er and sta	tic system test ed. The Altimet	required by ter was test	14 CFR 91.4 ed to	11 and as or	ıtlined in '	14 _
	This is to	certify that the	e ATC Tr	ansponder	model <u>677</u> -	-33ES	S/N_8	91295	22	_
	appendix	F.	ii, meets	the FAA te	st as required	by 14 CFR	91.413 and a	as outline in	14 CFR 4	-
	This is to	certify that t	he corres	pondence te	est as required	by 91.413 h	nas been perfo	rmed in acco	rdance wi	 th
			·	i i i i i appe	ndix E Paragra	pn C.	County Avionics			
	2421171	s see Work	yrder 7	757		2460 Gre	entree Road Ohio 45036			-
	Signed_(-44				CRS#8WC				_
										_
										_
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ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTUR	ER M	ODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK	S J.	APPROVED BY: AGENCY CERT.
	2460 Green Lebanon, Ol FAA Repair #8WCR6570	hio 45036 Sta. C meter Co	orrection	24867 N22572 Card	Warren Coun 2460 Greentr Lebanon, Oh FAA Repair S #8WCR6570 Altii	neter Co		487 VZZ5YZ	ined in 14
•	S/N :20	62009	0 62	2744	Alt	Error	Alt	Error	-S-
	Alt	Error	Alt	Error	-1000	-20	10,000		CFR 43
	-1000	-20	10,000	+10	0	+20	12,000	0	
12 52	0	+15	12,000	0	500	+20	14,000	-10	ince with
	500	0	14,000	-70	1,000	+20	16,000	0	
-	1,000	0	16,000	-20	1,500	425	18,000	0	
•	1,500	0	18,000	-20	2,000	+20	20,000	450	
	2,000	+12	20,000	0	3,000	+30	22,000		
	3,000	10	22,000	7	4,000	10	25,000		
	4,000	0	25,000		6,000	720	30,000		
	6,000	+10	30,000	/	8,000	+0	35,000		
	8,000	-10	35,000	1					
							-		
							_		

MAINTENANCE RECORD

ON	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
S/N REG	KE CIRRUS DESIGN CORP DEL SR20 2291 3 NO: N225YZ RK ORDER 17107-06-2015	Repair Station No YD5R855Y 4961 Airport Road	Service Center DATE 6/19/2015 A/C TSN: 2 FLIGHTTIME 2
Air	frame Entries		
(12)) Installed wing tip Recog	nition lights. IAW CDC AMM 33-40. Ops check goo	od.
deta		le at this Certified Repair Station CRS YD5R855Y	
DA	1 L. 0/ 19/2015	SIGNED	Work Order: 17107-06-2015
		Jessie Thompson Certified Repair Station No YD5R855Y	Printed by EBis 3 (datcomedia.com)



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200

Certified Repair Station No YD5R855Y



N225YZ Airframe SN 2291 Date: 10/1/2015 Flight Hours: 84.7 Hobbs: 108.0 TTSN: 84.7

- Installed new left wing walk p/n 18063-005-05.
- Installed new right wing walk p/n 18063-006-005.
- Installed new wing tip erosion guard p/n FAK-009/G3/WT.
- Installed new caps warning placards p/n 12430-0-016

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N225YZ Airframe SN 2291 Date: 10/1/2015 Flight Hours: 100.7 Hobbs: 129.1 TTSN: 100.7 Inspected aircraft I/A/W an Annual inspection per Cirrus SR20 AMM rev. B6 Chapter 5-20

The following work was also accomplished at this time:

1. Serviced all lubrication items as needed.

2. C/W elt inspection per FAR 91.207d Battery Due: 5/2021

Serviced strut to proper extension per AMM 32-20.

Airworthiness Directives

1. AD 2008-11-18 Exhaust system leak check. Accomplished per SB SB2X-78-07R1. Checks good. next due: flight:200.7

2. All AD's complied with at this time.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45228 (513) 321-1200



N225YZ Airframe SN 2291 Date: 11/11/2015 Flight Hours: 110.9 Hobbs: 141.7 TTSN: 110.9

 Accomplished SB2X-31-08 Central Display Systems Replacement. Installed new PFD model GDU1240A, CPN 24655-004, GPN 011-01440-20 s/n on: 14Y006563, s/n off: 14W006611 per SB instructions and AMM 34-20. Functional checks normal.

Greg Herrmann 4069015631A

Justinana)



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N225YZ Airframe SN 2291 Date: 4/19/2016 Flight Hours: 170.6 Hobbs: 221.7 TTSN: 170.6

Alternator #2 reported inoperative. Installed #2 alternator p/n 653344 s/n off: H-L-091411 s/n on: 2291. Functional tests good.

Greg Herrmann 406901563IA

Justermann)



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N225YZ Airframe SN 2291 Date: 6/9/2016 Flight Hours: 200.0 Hobbs: 262.7 TTSN: 200.0 Inspected aircraft I/A/W a 100 hour inspection per Cirrus SR20 AMM rev. B6 Chapter 5-20

The following work was also accomplished at this time:

Serviced all lubrication items as needed.

2. C/W elt inspection per FAR 91.207d Battery Due: 5/2021

Adjusted copilot door striker.

Airworthiness Directives

- AD 2008-11-18 Exhaust system leak check. Accomplished per SB SB2X-78-07R1. Checks good. next due: flight:300.0
- 2. All AD's complied with at this time.

Service bulletins

- SB2X-28-12R1 Electric fuel pump inspection. Checks good
- 2. SB2X-32-22 Nose gear strut assembly inspection. Checks good.

I certify that this airframe has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
MO S/N REC	KE Cirrus Design Corp DEL: Sr20 : 2291 G NO N225YZ RK ORDER:	Lone Mountain Aircraft Maintenance 2460 Greentree Road Hangar 12 Lebanon, Ohio 45036 Phone: 888-566-3686	DATE 11/22/2016 A/C TSN 327 8 TACH 253 6
Air	frame Entries		no. One checked all wingtin lights
(1) no	Removed both wingting defects noted.	os, repainted wingtips and reinstalled. Installed protective leading edge ta	pe. Ops Checked all Willigap lights,
DA	TE: 11/22/2016	SIGNED MULLI Tony McBee Ja 3248287	Work Order: 1482-11-2016 Printed by EBis 3 (datcomedia.com)

		F.A.R. 43.9	
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATION WORK PERFORMED/RETURN
MAKE: Cirrus MODEL 520 S/N 2291 REG NO N23 WORK ORDE 30283-11-201	25YZ R	Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone 888-881-5580	DATE 12/1/2016 AVC TSN 253.8 TACH
- Airframe	Entries		
_ (1) Complie	d with Prebuy inspectio	n.	
Maintenance f	Release		
The aircraft air was found Ain Order No. 302	worthy for return to service i	SYZ was repaired and inspected in accordance with current FARs rules of the with respect to the work performed. Pertinent details of the repair are on file at	Federal Aviation Regulations and this repair station under Work

DATE: 12/1/2016

SIGNED:

Minzler, Alvin

Certified Repair Station No. GA5R-876M

Work Order: 30283-11-2016

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		F.A.K. 43.9	
ATE OF	AIRCRAFT TIME	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	N225YZ A Inspected aircr The following 1. Serv 2. C/W 3. Insta 4. Insta	work was also accomplished at this time: iced all lubrication items as needed. elt inspection per FAR 91.207d Battery Due: 5/2021 illed new oleo strut p/n 27057-002. illed new left main tire p/n 156F06-1	CIRRUS
	Service Bulletin 1. 2. 3. Airworthiness Di	SB2X-21-06 Air conditioning compressor belt aft lifting ring re SB2X-25-02 ELT 1000 inspection. Checks good SB2X-52-08R2 Catcher/Diverter and gas strut rod end replacen	eplacement by installation of p/n 658653. nent by installation of Kit p/n 70544-001.
		airframe has been inspected and repaired in accordance we for return to service. Inn 4069015631A	ith current regulations of the FAA

NO.
TO SERVICE
TO SERVICE



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N225YZ <u>Airframe</u> SN 2291 Date: 1/26/2017 Flight Hours: 264.4 Hobbs: 345.7 TTSN: 264.4

Performed magnetic field software update service advisory SA16-06.

Greg Herrmann 406901563IA

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ATE OF APLETION AIRCRAFT TIME IN SERVICE DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N225YZ Airframe

SN 2291 Date: 2/23/2017 Flight Hours: 277.1 Hobbs: 364.7 TTSN: 277.1

The following work was also accomplished at this time:

1. Installed new right main tire p/n 156E06-1.

Greg Herrmann 406901563IA

Justermann)

MAKE Cirrus Design Corp MCDEL Sr20 S/N 2291 REG NO N225 / Z WORK ORDER TYS16845-05-2017



A terminal de la comunicación de

Cirrus Design Factory Service Center

DATE: 5/25/2017 A/C TSN 328 3 FLIGHTTIME 328 3

SET MEDICAL PROPERTY OF THE PARTY OF THE PAR

Repair Station No VD5R855Y 4961 Airport Road Duruth MNI 55811 Phone 218-788-3049

Airframe Entries

(5) Completed GEA 71 High - Side Current Monitor Calibration Procedure IAW Cirrus Perspective LMM. Operational check good.

I have reviewed the file on this aircraft and the accompanying decrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the details of this work order are on file at this Certified Replay Station (#5 VD5R855Y)

DATE: 5/25/2017

SIGNED: Z

Work Order: TYS18845-05-2017

Stephen Door | Spring Repair Station No. YD5R855Y

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THE THE PECOND

F.A.R. 43.9 AIRCRAFT TIME DATE OF IN SERVICE OMPLETION

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

ATTICON. LA	MAINTENANCE ENTRY			
Aircraft N#: N225YZ	Aircraft S/N: 2291	AirframeTT: 532.1	LNDG: Flight=406.2	
APU S/N: N/A	#1 ENG S/N:	#1 ENG TT:	CYC:	
APU HRS:	#2 ENG S/N:	#2 ENG TT:	CYC:	
APU Events:	#3 ENG S/N:	#3 ENG TT:	CYC:	
The fo	lowing tasks were complied v	vith under Airtech Work Order	081517-02	
AMM 24-30. P/N on: 50933-0 4 COMPLY WITH CIRRUS SE SR2X-32-22R1 NLG Strut Ass NEXT INSPECTION DUE AT 4 5 COMPLY WITH CIRRUS SE	01, P/N off: 50933-001 S/N on: H-Q120 RVICE BULLETIN SR2X-32-22R1 NOSE embly Inspection with no defects noted a 56.2 HRS RVICE BULLETIN SR2X-32-23 NOSE W	LANDING GEAR STRUT ASSEMBLY I	NSPECTION C/w CIRRUS	
AMM 24-30. P/N on: 50933-0 4 COMPLY WITH CIRRUS SE SR2X-32-22R1 NLG Strut Ass NEXT INSPECTION DUE AT 4 5 COMPLY WITH CIRRUS SE IAW CIRRUS SB SR2X-32-23. 8 PERFORM OPS CHECK OF this time. ELT Battery Exp. May 17 ANNUAL PROPELLER INS	01, P/N off: 50933-001 S/N on: H-Q120 RVICE BULLETIN SR2X-32-22R1 NOSE embly inspection with no defects noted a 56.2 HRS RVICE BULLETIN SR2X-32-23 NOSE WELT/SELF TEST OF ARTEX ELT 1000. PECTION DUE, PROPELLER MODEL FOR	607, S/N off H-0120748 LANDING GEAR STRUT ASSEMBLY I It this time. HEEL SHIMMY REDUCTION C/w SB - Performed ops check of ELT Rei SR20	NSPECTION C/w CIRRUS S Nose Wheel Shimmy Reduction AMM 25-60, Ops check good	
AMM 24-30. P/N on: 50933-0 4 COMPLY WITH CIRRUS SE SR2X-32-22R1 NLG Strut Ass NEXT INSPECTION DUE AT 4 5 COMPLY WITH CIRRUS SE IAW CIRRUS SB SR2X-32-23. 6 PERFORM OPS CHECK OF This time. ELT Battery Exp. May 17 ANNUAL PROPELLER INS CIRRUS SR20 AMM 5-20 and	01, P/N off: 50933-001 S/N on: H-Q120 RVICE BULLETIN SR2X-32-22R1 NOSE embly inspection with no defects noted a 56.2 HRS RVICE BULLETIN SR2X-32-23 NOSE WELT/SELF TEST OF ARTEX ELT 1000. 2021. PECTION DUE, PROPELLER MODEL F Hartzell POM.	607, S/N off H-0120748 LANDING GEAR STRUT ASSEMBLY I at this time. HEEL SHIMMY REDUCTION C/w SB - Performed ops check of ELT Rei SR20 PHC-J3YF-1RF, S/N FP8630B - C/w Ann	NSPECTION C/w CIRRUS Nose Wheel Shimmy Reduction AMM 25-60, Ops check good hual Propeller Inspection IAW	
AMM 24-30. P/N on: 50933-0 4 COMPLY WITH CIRRUS SE SR2X-32-22R1 NLG Strut Ass NEXT INSPECTION DUE AT 4 5 COMPLY WITH CIRRUS SE IAW CIRRUS SB SR2X-32-23. 6 PERFORM OPS CHECK OF this time. ELT Battery Exp. May 17 ANNUAL PROPELLER INS CIRRUS SR20 AMM 5-20 and with current regulations of the	01, P/N off: 50933-001 S/N on: H-Q120 RVICE BULLETIN SR2X-32-22R1 NOSE embly inspection with no defects noted a 56.2 HRS RVICE BULLETIN SR2X-32-23 NOSE WELT/SELF TEST OF ARTEX ELT 1000. 2021. PECTION DUE, PROPELLER MODEL F Hartzell POM.	607, S/N off H-0120748 LANDING GEAR STRUT ASSEMBLY I at this time. HEEL SHIMMY REDUCTION C/w SB - Performed ops check of ELT Ref SR20 PHC-J3YF-1RF, S/N FP8630B - C/w Ann Airtech RSM, CIRRUS SR20 Aircraf	NSPECTION C/w CIRRUS Nose Wheel Shimmy Reduction AMM 25-60, Ops check good hual Propeller Inspection IAW inspected/tested in accorda	

ATE OF APLETION

AIRCRAFT TIME IN SERVICE

DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

	MAINTENANCE ENTRY				
craft N#: N225YZ	Aircraft S/N: 2291	AirframeTT: 533.3	LNDG: 406.2		
J S/N:	#1 ENG S/N:	#1 ENG TT:	CYC:		
HRS:	#2 ENG S/N:	#2 ENG TT:	CYC:		
vents:	#3 ENG S/N:	#3 ENG TT:	CYC:		

The following tasks were complied with under Airtech Work Order 082717-01

1 ALT 1 AND ALT 2 CIRCUIT BREAKERS TRIPPED AFTER ENGINE START - REMOVED AND REPLACED #1 ALT FIELD CONTROL MODULE. IAW CIRRUS SR20 AMM 24-30, PERFORMED PERSPECTIVE AIRCRAFT MCU140 and ALTERNATOR OPERATIONAL/FUNCTIONAL CHECK 1/W CIRRUS SR20 AMM 24-30, OPERATIONAL/FUNCTION CHECKS GOOD, NO DEFECTS NOTED AT THIS TIME. | P/N on: 29435-002, P/N 01. 29435-002 | S/N on: 5457, S/N off. 825

APPROVAL FOR RETURN TO SERVICE

i certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with purrent regulations of the Federal Aviation Administration, Airtech RSM, CIRRUS SR20 Aircraft Maintenance Manual 5-20, Harizell POM, and is approved for return to service for the work performed.

Date: 9-6-2017 Authorized Signature: [Lule]

Certificate Number: CRS 5A8D960B

AGENCY & CERTIFICATE NO. DESCRIPTION OF WORK PERFORMED AIRCRAFT TIME DATE OF OR APPROVED DATA USED WORK PERFORMED/RETURNED TO SERVICE IN SERVICE MPLETION MAINTENANCE ENTRY LNDG: FLIGHT: 415.7 AirframeTT: HOBBS: 545.6 Aircraft S/N: 2291 Aircraft N#: N225YZ CYC: #1 ENG TT: #1 ENG S/N: APU S/N: CYC: **#2 ENG TT:** #2 ENG S/N; APU HRS: CYC: #3 ENG TT: #3 ENG S/N: APU Events: The following tasks were complied with under Airtech Work Order 091817-04 1 # 2 ALTERNATOR FAILED - Troubleshot to suspected faulty Master Control Unit and faulty Alternator #2. 2 MASTER CONTROL UNIT FAULTY - Removed and replaced Master Control Unit with unit of same P/N. Ref SR20 AMM 24-30. Ops check good. All values within limits. J P/N on: 19800-003, P/N off: 19800-003 J S/N on: 4411, S/N off: 3480 3 #2 ALTERNATOR INDICATING LOW VOLTAGE. - Removed atternator and replaced with same P/N unit. Ref SR20 AMM 24-30. Ops check good. All values within limits. | P/N on: 653344/ES-4029, P/N off: 65344/ES-4029 | S/N on: H-Q090278, S/N off: H-Q021744 APPROVAL FOR RETURN TO SERVICE certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration, Airtech RSM, CIRRUS \$R20 Aircraft Maintenance Manual 5-20, Hartzell POM, and is approved for return to service for the work performed. Certificate Number: CRS 5A8D960B Date: 9-21-2017 Authorized Signature: // /

Pertinent details of the work performed under Airtech work order 091817-04 are retained on fite at FAA repair station #5A8D960B

		THE STATE OF THE S		
DATE OF OMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WO	140%-1410_010_010_010_010_01	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SER
AIRTECH.		MAIN	TENANCE ENTRY	
Aircra	oft N#: N225YZ U S/N: HRS:	Aircraft S/N: 2291 #1 ENG S/N: #2 ENG S/N: #3 ENG S/N:	AirframeTT: Hobbs: 547.1 #1 ENG TT: #2 ENG TT: #3 ENG TT:	LNDG: Flight: 416.6 CYC: CYC:
evaporator	DITIONER PRODUCING Cover and inspected operand inspected operand compressor, compressor	G INADEQUATE COOLING AIR AND Feration of blower fan and vent door as v	PRODUCING BURNT RUBBER SMELL II well as surrounding area. No defects noted assion appeared low. Adjusted tension on b	N COCKPIT Removed
		APPROVAL FOR RE	TURN TO SERVICE	

I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance

with current regulations of the Federal Aviation Administration, Airtech RSM, CIRRUS SR20 Aircraft Maintenance Manual 5-20,

Date: 9-25-2017 Authorized Signature:

Certificate Number: CRS 5A8R960B

1 of 1

Pertinent details of the work performed under Airtect work order 092517-02 are retained on file at FAA repair station #5A8R960B

Hartzell POM, and is approved for return to service for the work performed.

DATE OF COMPLETIO

MAKE Cirrus Design Corp MCDEL Sr20 S/N 2291 REG NO N225 /Z WCRK ORDER TYS19306-11-2017



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y 4961 Airport Road Duluth, MN 55811 Phone: 218-788-3049 DATE 11/13/2017 A/C TSN 328 3 FLIGHTTIME 328 3

Airframe Entries

DATE: 11/13/2017

(4) Tightened right fuel cap assembly tension nut IAW Cirrus SR20 AMM 28-10.

SIGNED:

- (5) Removed and replaced Landing light P/N 24946-001 S/N off: 01127-0415, S/N on: 02006-0217. Removed and replaced Landing light lens P/N 17298-001 IAW SR20 AMM 33-40. Function check satisfactory.
- (6) Removed and Replaced Battery #1 P/N 53030-001. S/N off: 40728049, S/N on 40866636. All work performed IAW Cirrus AMM Chapter 24-30. Operational Check Satisfactory.

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

James Drisman
Certified Repair Station No YD5R855Y

Work Order: TYS19306-11-2017

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OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

1 of 1

RTECH. LLC	MAINIE	ENANCE ENTRY	
Aircraft N#: N225YZ	Aircraft S/N: 2291	AirframeTT: 596.4	LNDG: Flight: 454.5
APU S/N:	#1 ENG S/N: 1012065	#1 ENG TT: 454.5	CYC:
APU HRS:	#2 ENG S/N:	#2 ENG TT:	CYC:
APU Events:	#3 ENG S/N:	#3 ENG TT:	CYC:
NGINE RUN/LEAK CHECK REPORT TIRE PRESSURE OF BEREATHER PRESSURE OF	nd inspected spark plugs, checked gaps, rested at this time. Ref SR20 MM 74-00. EQUIRED DUE TO OIL AND FILTER CHACHECK Performed tire pressure check. SIG GEAR STRUT ASSEMBLY INSPECTION	NGE Performed engine run/leak characteristics and the serviced tires to proper limits. Ref SR	neck. No defects noted at this tim
defects noted at this time. Ref	ODZA-OZ-ZZINI.		

with current regulations of the Federal Aviation Administration, Airtech RSM, CIRRUS SR20 Aircraft Maintenance Manual 5-20,

Certificate Number: CRS 5A8R960B

Pertinent details of the work performed under Airtech work order 120417-02 are retained on file at FAA repair station #5A8R960B

Hartzell POM, and is approved for return to service for the work performed.

Date: 12-4-2017 Authorized Signature:

F.A.R. 43.11-91.409

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AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
1.4	Production FlightTest accomplished in accordance with Cirrus Procedure #90500.
	Name: Justin Krom Date 15 JUN 2015
	Signature:
	Title: Production Flight Test Pilot
2015 1.4	I find that the aircraft meets the requirements for the certification requested and have issued an U.S. Standard Airworthiness Certificate dated 18/5un/30/5. The next inspection is due 30 /5un/20/6.
	To the state of th
	David C. Hallfrisch 053841467

MADVANCED Fly Advanced

MAKE: Cirrus MODEL: SR20 S/N: 2291 REG. NO: N225Y

S/N: 2291 REG. NO: N225YZ WORK ORDER: 5816-06-2018 Repair Station No. 5T2R901C 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 8/8/2018 A/C TSN: 467.6 HOBBS: 615.7

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Airframe Entries

Removed and replaced engine assembly with factory new engine. Removed engine assembly model: 10360ES26B, S/N: 1012065 (Total Time: 467.6). Installed factory new engine assembly model: 10360ES26B, S/N: 1036151 (Total Time: 0.0).
Serviced the engine with 8 quarts of Aeroshell 100 mineral oil. Removed and replaced induction air filter element. Completed a fuel system setup. All work completed IAW the Continental motors MM M-7. Run-up and leak check ok at this time, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N225YZ was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE:	8/8/2018	
The state of the s	Maria Property and Company	

SIGNED

Work Order: 5816-06-2018

Joel A. Glover

Certified Repair Station No. 5T2R901C

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EADVANCED Fly Advanced

MAKE: Cimus MODEL: SR20 SN: 2291 REG NO: N225YZ WORK ORDER: 5816-06-2018

Repair Station No. 5T2R901C 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 8/23/2018 A/C TSN: 470.1 HOBBS: 618.4

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Airframe Entries

Annual Airframe Inspection completed IAW FAR 91.409 and the requirements outlined in FAR 43 App. D. with reference to the Cirrus AMM check list ch 5-20. Performed a light check. Lubed airframe. Checked cable tensions. Serviced the gascolator. ELT inspected in accordance with FAR 91.207(d). ELT batteries due 05-2021. All AD's current thru 2018-17.... C/W SB 2X-32-22R2 Nose Landing Gear Strut Assembly Inspection, no defects noted. (Next due at Flight: 520.1)... C/W SB 2X-74-02 Ignition Switch Security.... C/W SB 2X-95-23R1 CAPS Aft Grain Replacement, replaced Aft Grain.... C/W SB 2X-95-24R1 CAPS Rocket Shelf Ground Wire.... C/W SB 2X-42-12 Perspective S/W Update v0764.35... Removed and replaced #2 Batteries (Next due 08-2020)... Cleaned and re-attached the engine grounds, ops check good.... Removed and re-installed nose landing gear wheel fairing and nose cap after repair and paint. Removed and re-installed nose wheel fairing stripe decal.... Removed and replaced the nose landing gear wheel fairing brackets.... Properly torqued the nose landing gear tow bar pins.... Removed and replaced the nose landing gear strut mount bushings at the firewall. Re-installed nose landing gear strut using new attaching hardware and torqued to specs.... Torqued nose landing gear fairing mount tabs as required.... Removed and replaced the NLG spindle cup thrust washer, cleaned and adjusted cup tension per Cirrus AMM.... Rotated left and right main landing gear tires on wheel assemblies to prolong tire life, wheels assembled with new o-rings.... Removed and replaced the left and right brake pads.... Removed and replaced cowling seal as required.... Removed and replaced the rudder pedal spring cartridge aft bushing, installed with new attach bolt.... Removed and replaced the aft cargo door seal.... Removed and replaced the left wing tip static wick.... Removed left and right wing tip static wick to airframe grounds and installed in proper location.... Removed left exhaust and repaired #6 header to collector bracket, re-installed exhaust with new exhaust gaskets and collector bracket bolt. Removed right exhaust and repaired #1 header to collector bracket, re-installed exhaust with new exhaust gaskets and collector bracket boit.... Installed new CAPS handle cover assembly.

DATE: 8/23/2018

SIGNED:

Work Order: 5816-06-2018

Josh Ferry
Certified Repair Station No. 5T2R901C

Work Order: 5816-06-2018

INSPECTION RECORD F.A.R. 43.11-91.409

AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE					
MODEL SR20 S/N 2291 REG. NO. N225YZ WORK ORDER: 6213-12-2018 Airframe Entries	Repair Station 530 Airport F Lititz, PA 175 Phone: 717-	on No. 5T2R901C Rd. 543			DATE: 12/6/2018 A/C TSN: 484.9 HOBBS: 642.2	
Maintenance Release The aircraft and/or composit of Title 14 of the Code of DATE: 12/6/2018	onent(s) on N225YZ was repaired Federal Regulations, was found	Airworthy and w	in accordan	to service.	t rules and regulations ork Order: 6213-12-2018	
DATE	Joel A. Glover Certified Repair Station				Bis 3 (datcomedia.com)	
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