

The Standard AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer Cirrus Serial 1589		Model SR 20 Registration Number	N64CD
Date of Manufacture			
Engine(s) currently installed:			
Manufacturer	Model	Seria	11
Manufacturer	Model	Seria	1
Propeller(s) currently installed:			
Manufacturer		Model	
HUB Model	Serial	Seria	1
Blade Model	Serial	Serial	Serial
Blade Model	Serial	Serial	Serial
*			

N64CD SN 1589 SR20	Updated Sept 1, 2015
Component Status: (Info	rmation only) Hobbs 1359.3 (764.1 Flight Hobbs)
This is a partial listing of Iter	ms with due dates. See log book for complete listing.
Parachute Line Cutters #2 Batteries Due replacem (2 years/500 hrs.) ELT Batteries EMA Controller Pilots Seat inflator Co-Pilots Seat inflator	Due July 14, 2025 (10 year replacement) Due June 30, 2025 (10 year recertification) Due November 2016 (date code TOS10L 003-071) 6 year replacement Due Feb. 2017 or 1210.2 Flight hobbs. Due June 2019 Due May 2019 (DOM 5/2012) Due Oct. 2024 (DOM A2014) Due Oct. 2024 (DOM A2014) Due Sept. 2016

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				November 7, 2011 Flight Hobbs: 602.3, Total Time: 964.7, Hobbs: 1135.0 All systems checked for condition and proper operation. Wheel bearings cleaned and repacked. Battery and brakes serviced. Replaced bracket air filter, aft rudder control rod end, nose tire, and nose gear pucks. Checked and weighed cockpit fire extinguisher. C/W SB 2X-27-16R1 flap actuator modification by installation of kit 70255-002. C/W SB 2X-24-09 TVS fuse installation. C/W AD 08-11-18 by inspection of exhaust heat exchanger. All AD's checked thru 11-21. ELT inspected per FAR 91.207(d). I certify that this aircraft has been inspected in accordance with an Annual inspection and determined to be in an airworthy condition. Steven Vander Valk A&P 2919106 IA Paragon Aircraft Service

20	C&W Aero service 19 Wright Way, Sui Fairfield, NJ 0700 FAA Repair Station HX	ite 3	TOTAL TIME IN SEPVICE	Descriptic Ent. les must Technician o	Į.	C&W Aero service 19 Wright Way, Su Fairfield, NJ 070 AA Repair Station HD	oite 3 04 K1R208K
Master		er Reads	1	pa .	Master		er Reads
Reads	Encoder NO	Altimeter	XX	tlin 14	Reads	Encoder NO	Altime
-1000	100	-1000	R208K	F-0	-1000		-10
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500		-10	医	Form#CWF-01.	500		49
		495	the second	For -	1000		10
1000		995	H OM	Appendix E as outlined. 7. Form#CWF-014	1500		150
1500		1490	CRS #HX1R208K	In Tables I, II, III, and IV. Altimeter tested to 20,000 ft. Work Order # 2609 7 Performed By: Luly Luly Lord Forn	2000		20
2000		1990	+ S	F 9 7 -	3000		30
3000		2990	I D T	1 1 2	4000		40
4000		3990	Top a	30	6000		100
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1400	0	13990	Services,	mel	16000		140
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3500	00		Certify Country	able orm	35000	Moles ()	
Altim	eter Make: Avid	the Corp	OSI	in Tables I, Work Order Performed I	Altimeter	Make: United Model: 5934 D	FUSHU
Altin	neter Model: EX	POODO			Altimeter	S/N: 448 751	
Teste	neter S/N: Zaco	7516			Tested By	: Charles 12	eide
Date	3-1-12 Work Ord	ler No. 2. Co. 9.7			Date:3-1-	ZaZWork Order	No. 260
Form	No. CWF-013				Form No.	CWF-013	

and Alterations

Altimeter

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Enstruments

Leide er No. 26098 ertificate Number of ner specific entries)

in accordance with FAR Part 43 Appendix E as outlined CRS #HX1R208F I certify that the following tests were performed on Altimeter Model Altimeter tested to Services, and IV. Aero

Form#CWF-014

C&W AERO SERVICES INC.

19 WRIGHT WAY SUITE # 3
ESSEX COUNTY AIRPORT
FAIRFIELD, NJ 07004
FAA Certified Repair Station HX1R208K
Phone 973-227-5750
Fax 973-882-6670

Altimeter Certification Form

(As Outlined in FAR Part 43 Appendix E Table I, II, III, IV)

Customer: Justin So Aircraft Reg. No. N64cD Work Order No. 26698

Altimeter: Manufacture United Instrument Model 5934 D-3 SN 448751

	TABLE I:	Scale Erro	
Altitude	Equivalen t Pressure	Tolerance +/- feet	Test Altimeter
-1000	31.018	20	-5
0	29.921	20	0
500	29.385	20	-5
1000	28.856	20	+5
1500	28.335	25	+5
2000	27.821	30	+10
3000	/26.817	30	+75
4000	25.842	35	+25
6000	23.978	40	+50
8000	22.225	60	+10
10000	20.577	80	0
12000	19.029	90	15
14000	17.577	100	+10
16000	16.216	110	+5
18000	14.942	120	+20
20000	13.750	130	+40
22000	12.636	140	
25000	11.104	155	
30000	8.885	180	
35000	7.041	205	

Pressure (inches of mercury)	Altitude (feet)	Test Altimeter Tolerance +/-25 ft.
28.10	-1727	-1730
28.50	-1340	-1345
29.00	-863	-860
29.50	-392	-350
29.92	0	0
30.50	+531	+530
30.90	+893	+890
30.99	+974	+975

TABLE II	: Test Tolerance	
Test	Tolerance (feet)	Test Altimeter
Case Leak Test	+/-100	0
Hys	teresis Test	
First Test Point 50% Max Altitude	75	0
Second Test Point 40 % Max Altitude	75	-5
After Effect Test	30	0

	ABLE III: Friction T		
Altitude (feet)	Tolerance (feet) +/-	Test Altimeter	
1000	70	20	
2000	70	20	
3000	70	20	
5000	70	25	
10000	80	30	
15000	90	30	
20000	100	30	
25000	120		
30000	140		
35000	160		

Record of	reading at setting	29.92
	Test Altimeter	
Before Test	80	80
After Test	110	110

Inspected by

Date: 3-1-2012

C&W AERO SERVICES INC.

19 WRIGHT WAY SUITE #3

ESSEX COUNTY AIRPORT
FAIRFIELD, NJ 07004 FAIRFIDED, NJ 07004
FAA Certified Repair Station HX1R208K
Phone 973-227-5750
Fax 973-882-6670

Altimeter Certification Form

(As Outlined in FAR Part 43 Appendix E Table I, II, III, IV)

Aircraft Reg. No. 1640 Work Order No. 26097 Customer: Justin So Altimeter: Manufacture Av. Lyne Corp Model ExP5000 SN 20009316

Altitude	Equivalen	Scale Error	Test
rintido	t Pressure	+/- feet	Altimeter
-1000	31.018	20	0
0	29.921	20	-10
500	29.385	20	-5
1000	. 28.856	20	-5
1500	28.335	25	-10
2000	27.821	30	-10
3000	26.817	30	-10
4000	25.842	35	-10
6000	23.978	40	-15
8000	22.225	60	-10
10000	20.577	80	-20
12000	19.029	90	-10
14000	17.577	100	-(0
16000	16.216	110	-15
18000	14.942	120	-10
20000	13.750	130	-20
22000	12.636	140	
25000	11.104	155	
30000	8.885	180	
35000	7.041	205	

Pressure (inches of mercury)	Altitude (feet)	Test Altimeter Tolerance +/-25 ft.
28.10	-1727	-1730
28.50	-1340	-1340
29.00	-863	-865
29.50	-392	-390
29.92	0	0
30.50	+531	+530
30.90	+893	1895
30.99	+974	14975

TABLE II	I: Test Tolerance	
Test	Tolerance (feet)	Test Altimeter
Case Leak Test	+/-100	0
Hys	teresis Test	10
First Test Point 50% Max Altitude	75	-20
Second Test Point 40 % Max Altitude	75	-20
After Effect Test	30	-10

T	ABLE III: Friction T	est
Altitude (feet)	Tolerance (feet)	Test Altimeter
1000	70	0
2000	70	0
3000	70	0
5000	70	0
10000	80	0
15000	90	0
20000	100	0
25000	120	
30000	140	
35000	160	

Record of	reading at setting	29.92
4	Master Altimeter	Test Altimeter
Before Test	80	80
After Test	110	100

Date: 3-1-2012

Form No. CWF-015

CEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be enulased with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)					
		C	&W Aer	o Service y, Suite #3, Fa	s, Inc. CRS# HX1R20 airfield, NJ 07004 (973) 227-5	08K 5750			
		26358	Hobbs	s: 610.2	Aircraft TT:				
	Reg. #	: N64CD		#: 1589	Manuf: Cirrus	Model: SR20			
	comply with	FAR 43, A be AIRWO	ppendix F. Tl	he Pitot/Static S	by FAR 91.413 were performed the system has been inspected in accordance on file at the	ris date and found to			
	Transponder #	be AIRWO I Make/Mode puter Make/M	ORTHY. Detai	ils of these insp	pections are on file at this repair sta	rdance with FAR 91.411 ation.			

YEAR 20 Date	RECORDING TACH TIME	FLIGHT T	OTAL IME IN ERVICE	Description of Inspections, Tests, Repairs and A Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other spec
NE	VAIR	Mansfie	ld Airport(18	99) N64CD
AVI	ONICS	265 Frui		May 2, 2012
- 1	1	Mansfie	ld, MA 02048	
		CRS# N4	OR087B	WO# 1103
INSTALLAT 380342 AN INSTALLED PMA8000B UPDATED A NUMBER 1 UNDER GLA	TION OF: GARMIN D GARMIN GTN65 NEW CI-5120 NAV T AUDIO PANEL SN VIDYNE DFC90 TO	GTN650 GPS/NAV/COI SPLITTER SN: 3 CBT2075. RELEASE 2 PER A MOUNTED TO RICATED BRACK	AV/COM (1), M (2), SN: 1Z 83666. INST AVIDYNE SB P OF AIRCRA	RMIN GNS430 NAV/COM/GPS 1, GARMIN RADIOS REMOVED COMPLETE. SN: 1Z8010349 WITH GPS/XM ANT SN: 8010251 WITH GA35 ANT SN: 82774. FALLED NEW PS ENGINNERING ST. NUMBER 2 GPS ANTENNA MOUNTED TO AND SYSTEMS OPERATIONS CHECK OK SPECIFICATIONS.
	RM 337 THIS DATE			
SEE FAA FO			ist and Weig	tht & Balance updated.
SEE FAA FO	Order #1103 on F	ile, Equipment L	ist and Weig	tht & Balance updated.
SEE FAA FO	Order #1103 on F	ile, Equipment L	3.	tht & Balance updated.
SEE FAA FO	Order #1103 on F	ile, Equipment L	3.	tht & Balance updated.

..

YEAR

RECORDING

TODAY'S

TOTAL TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name Rating and Certificate Number of



Mansfield Airport(189) 265 Fruit St Mansfield, MA 02048 CRS#N4OR087B N64CD May 10, 2012 Hobbs: 1158.1 WO# 1119

To facilitate installing an Alpha Systems Angle of Attack System, part number DSTR-AOA-9000EK S/N: AOA014711-00, the following work was performed:

- Removed an existing inspection panel on the left wing and installed Cirrus 6" Probe Mounting Kit P/N: AOA-4051. The probe angle is set to 45 degrees. The probe mounting bolt was tightened, the set screw was installed and the mounting plate was reinstalled Successfully preformed a structural analysis and static test in accordance with AC43.13-2B Chapter 1.
- Routed two sense lines from probe in the left wing to the pilot's floor panel in accordance with AC43.13-1B Chapter 12 Section 4
 Paragraph 61(a&b).
- Installed the probe, part number AOA-4051, to the probe mounting plate and connected the sense lines. Installed the probe assembly to the opening on the left.
- Installed an Alpha Systems Angle of Attack Indicator, part number DSTR-AOA-9000, S/N: AOA014711-00, above the PFD on top of the glare shield in accordance with AC43.13-2B Chapter 1 and Chapter 2 paragraph 205(a-c).
- Installed an Alpha Systems Angle of Attack, AOA Interface Module, part number DSTR-AOA-1860,S/N: AOA014711-00, on the pilot's floor panel, in accordance with AC43.13-1B Chapter 11, AC43.13-2B Chapter 1 and Chapter 2 paragraphs 201, 202, 204 & 207.
- Inspected the Alpha Systems A.O.A. installation and performed the initial system power up, the (on the ground) zero pressure set point calibration and (on the ground) brightness calibration procedures. A Flight evaluation was made to successfully complete the in-flight calibration procedure.

Additionally all work described above was done in accordance with the Alpha Systems Installation and Operations Manual, IOM-Legacy, Rev. D and in accordance with § § 21.93(a) & 43.13(b). This airframe alteration is considered a minor alteration and is at least equal to its original condition.

Note: The AOA system is used in an advisory or supplementary manner. The system will not be used in lieu of the airspeed indicator or aircraft stall warning system.

Authorized Signature

Dave Fetherston

0 T		ODAY'S	TOTAL TIME IN SERVICE	Entries must b	e endorsed	with Name	, Rating and C	s and Alterate rtificate Number ther specific enterminates
Airframe Logb Entry	ook		19 W	gon Aircraft S right Way, Fairfiel (973)575-0364 Fax	d, NJ 07004			Authorized Cirrus Service Center
Date	N' Numb	per	Make/Model	Serial#	Flight	Hobbs	Total Time	W. O.
7/11/2012	N64CI		Cirrus SR20	3291 upholstry. Installe	618.4	1163.6	980.8	7215
service with re	gard to work pe	erforme	ve was performed	in accordance with	th approved/a		nta and is approv	
Authorized Si	gard to work pe	ed abov	Parag 19 Wr	on Aircraft Se	ervice, Inc.	Steven Var		Authorized Cirrus Service
Authorized Si	gard to work pe	erforme	Parag 19 Wr Phone: (9	on Aircraft Seright Way, Fairfield	ervice, Inc. I, NJ 07004 (973)244-188	Steven Var	nderValk A&P 29	Authorized Cirrus Service Center
Airframe Logbo Entry Date 12/28/2012	gard to work pergnature: N' Numb N64CD	erforme	Parag 19 Wr Phone: (9 Make/Model Cirrus SR20	on Aircraft Seright Way, Fairfield 973)575-0364 Fax Serial#	ervice, Inc. NJ 07004 (973)244-188 Flight 624.9	Steven Var Hobbs 1174.2	Total Time 987.3	Authorized Cirrus Service Center W. O.
Authorized Si Airframe Logbo Entry Date 12/28/2012 All systems che Replaced induct FAR 91.207(d). I certify that this condition.	N' Numb N64CD cked for condition air filter BA All AD's check	er land and all all all all all all all all all al	Parag 19 Wr Phone: (9 Make/Model Cirrus SR20 d proper operation d aircraft battery (9 d 12-25. spected in accord	on Aircraft Seright Way, Fairfield (973)575-0364 Fax Serial# 1589 n. Wheel bearings (3-243). Adjusted care with an Annual c	Flight 624.9 cleaned and abin door latch	Hobbs 1174.2 repacked. Bates for prope	Total Time 987.3 attery and brakes r operation. ELT	Authorized Cirrus Service Center W. O. 7398 s serviced. checked I/A/W
Authorized Salariframe Logbor Entry Date 12/28/2012 All systems cher Replaced inductions FAR 91.207(d). I certify that this condition.	N' Numb N64CD cked for condition air filter BA All AD's check aircraft has b	er Lion and A24 and Reed thruseen ins	Parag 19 Wr Phone: (9 Make/Model Cirrus SR20 d proper operation d aircraft battery (12-25. spected in accord fe was performed gard to work performed	on Aircraft Seright Way, Fairfield (273)575-0364 Fax Serial# 1589 n. Wheel bearings (3-243). Adjusted care with an Annual satisfactorily and in the satisfactorily and in t	Flight 624.9 cleaned and abin door latch	Hobbs 1174.2 repacked. Bates for prope	Total Time 987.3 attery and brakes r operation. ELT	Authorized Cirrus Service Center W. O. 7398 s serviced. checked I/A/W

EAR 0 ATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be	e endorsed v	vith Name,	Rating and Cer	and Alteration rificate Number of the specific entries
Airframe Lo Entry			19 V	ngon Aircraft S Vright Way, Fairfie (973)575-0364 Fa	ld, NJ 07004			Authorized Cessna Service Center
Date	N' N	umber	Make/Model	Serial#	Hobbs	Flight	Total Time	W. O.
1/22/20	13 N6	4CD	Cirrus SR22	1589	1178.8	627.1	4173/8	
pproved fo			e was performed gard to work per	d satisfactorily and			ed/acceptable da	
Airframe L Entr	COMPANIES OF THE PERSON OF THE		19	ragon Aircraft S Wright Way, Fairfie: (973)575-0364 F	eld, NJ 07004			Authorized Cirrus Service Center
Entr	у	iumber	19	Wright Way, Fairfi	eld, NJ 07004		Total Time	Cirrus Service
Entr Dat	y N' N	64CD	Phone Make/Model Cirrus SR20	Wright Way, Fairfie: (973)575-0364 F	eld, NJ 07004 ax (973)244-18 Flight	Hobbs 1212.8	1014.0	Cirrus Service Center W. O. 7748
All systems Replaced i transmitter 91.207(d). I certify that condition. I certify that approved for	N' N s checked for of nduction air filt s and aircraft to All AD's check at this aircraft to	condition a der, brake of pattery G-2 ded thru 13 has been in	Make/Model Cirrus SR20 Ind proper operated iscs, brake lining 43 serial# G028 Indexed to work personner to work personne	Wright Way, Fairfie (973)575-0364 Face (973)575-036	Flight 6243 gs cleaned and arests, cabin do abin door latch	Hobbs 1212.8 d repacked. I oor stays, VO es for prope on and dete	1014.0 Battery and brake OR antenna grom r operation. ELT	Cirrus Service Center W. O. 7748 es serviced. mets, both fuel checked I/A/W FAF n airworthy data and is

Airframe Logbook Entry		19 W	gon Aircraft S right Way, Fairfie (973)575-0364 Fa	ld, NJ 07004			Authorized Cirrus Service Center
Date	N' Number	Make/Model	Serial#	Flight	Hobbs	Total Time	W. O.
7/30/20014	N64CD	Cirrus SR20	3291	660.9	1227.1	1023.3	7994
		and installed LoPre				ta and is approv	ved for return to
					•		
service with regard	to work perform	med.	UN		Steven Var	iderValk A&P 29	919106
service with regard Authorized Signa	to work perform	Parag		ervice, Inc.	Steven Var		
Service with regard Authorized Signa I Airframe Logbook	to work perform	Parag	on Aircraft Seright Way, Fairfield	ervice, Inc.	Steven Var		919106 Authorized Cirrus Service
Authorized Signa I Airframe Logbook Entry Date 8/15/2014	N' Number N64CD	Parag 19 Wi Phone: (S Make/Model Cirrus SR20	on Aircraft Seright Way, Fairfield 973)575-0364 Fax Serial#	ervice, Inc. d, NJ 07004 (973)244-188 Flight 664	Steven Var	Total Time	Authorized Cirrus Service Center W. O. 8015
Authorized Signa Airframe Logbook Entry Date 8/15/2014 Removed original eveight and balance	N' Number N64CD equipment nav/s updated. This is	Paragented. 19 Win Phone: (St. Make/Model Cirrus SR20 trobe light assemblis a minor alteration.)	gon Aircraft Seright Way, Fairfield 973)575-0364 Fax Serial# 3291 es and strobe pov	ervice, Inc. d, NJ 07004 (973)244-188 Flight 664 wer supplies. I	Steven Variable 34 Hobbs 1231.5 nstalled Whe	Total Time 1026.4	Authorized Cirrus Service Center W. O. 8015 nav/strobe lights,
Authorized Signa Airframe Logbook Entry Date 8/15/2014 Removed original eveight and balance	N' Number N64CD equipment nav/s updated. This i	Parage 19 Will Phone: (State of the Contract o	gon Aircraft Seright Way, Fairfield 973)575-0364 Fax Serial# 3291 es and strobe pover in accordance with	ervice, Inc. d, NJ 07004 (973)244-188 Flight 664 wer supplies. I	Steven Variable 34 Hobbs 1231.5 nstalled Whe	Total Time 1026.4	Authorized Cirrus Service Center W. O. 8015 nav/strobe lights,

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Te Entries must be endorsed with Name Technician or Repair Facility. (See ba	B. Haling and Certificate Number 4
IAKE: Cirrus Design IODEL: Sr20 I/N: 1589 REG. NO: N64CD VORK ORDER: 078	2	1 W Han Dan	Flight Aircra allingford Rd gar 5 & 6 abury, CT 06810 US ne: 914-288-8088	aft Maintenance	DATE: 17 September, 2014 A/C TSN: 1029.6 TACH: 667.2
Airframe Entri				rging system output voltages. Main 28.3 volts, Esser	
Cleaned Measured	and polished fire d depth of corros new lower moun	wall. Took pic ion at .0015 ir t attach plate	tures of corrosion nches per Cirrus P/N 20140-003 v	pump brackets. Removed bolts holding lower engine on and sent to Cirrus engineering for evaluation. engineering. Found to be within limits of .003 inche with new bolts I/A/W Cirrus MM Ch 53.	ne mount plate and repositioned plate for inspection. es, OK for continued service.
Measured Installed Replaced	and polished fire d depth of corros new lower moun d exhaust springs	wall. Took pic ion at .0015 in t attach plate s with new 513	tures of corrosion nches per Cirrus P/N 20140-003 v 381-001.	on and sent to Cirrus engineering for evaluation. engineering. Found to be within limits of .003 inche with new bolts I/A/W Cirrus MM Ch 53.	
Measured Installed Replaced Fuel pure	and polished fire d depth of corros new lower moun d exhaust springs ap brackets bead	wall. Took piction at .0015 in tattach plate with new 513 blasted, prim	tures of corrosion nches per Cirrus P/N 20140-003 v 381-001.	on and sent to Cirrus engineering for evaluation. engineering. Found to be within limits of .003 inche	es, OK for continued service.
Measured Installed Replaced Fuel pur	and polished fire d depth of corros new lower moun d exhaust springs ap brackets bead Overhauled elec-	wall. Took piction at .0015 in tattach plate with new 513 blasted, primetric fuel pump	tures of corrosion nches per Cirrus P/N 20140-003 v 381-001. ned and painted, o PN# 5217-00-3	on and sent to Cirrus engineering for evaluation. engineering. Found to be within limits of .003 inche with new bolts I/A/W Cirrus MM Ch 53. then reinstalled.	es, OK for continued service.
Measured Installed Replaced Fuel puri	and polished fire d depth of corros new lower moun d exhaust springs np brackets bead Overhauled elec- and painted batt	wall. Took piction at .0015 in the attach plate is with new 513 blasted, primetric fuel pumperery tray. Insta	tures of corrosion nches per Cirrus P/N 20140-003 v 381-001. ned and painted, o PN# 5217-00-3 alled battery S/N atturn to service.	on and sent to Cirrus engineering for evaluation. engineering. Found to be within limits of .003 inche with new bolts I/A/W Cirrus MM Ch 53. then reinstalled. 8, S/N 5217-0003. See 8130 dated 9/12/14 for detail	es, OK for continued service.

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Reg: N64CD Date: 9-19-2014 Hobbs: 1239.7 Incorporated Garmin GTN 6XX/7XX SW Upgrade to Version 5.00 IAW Garmin SB# 1374 Rev A and 1360 Rev A. System ops check, normal. NEXAIR AVIONICS CRS: N40R087B

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750 An Authorized Service Center For: Beechcraft, Mooney Aircraft &

Piper

WO# 28884	Hobbs:	Aircraft TT:	
Reg. #: N64CD	Ser #: 1589	Manuf: Cirrus	Model: SR20

comply with FAR 43, Appendix F. The Pitot/Static System has been inspected in accordance with FAR 91.4 and found to be AIRWORTHY. Details of these inspections are on file at this repair station. Transponder #1 Make/Model: GTX327 SN: 83718495 Transponder #2 Make/Model: -----SN: -----

Air Data Computer #1 Make/Model: Avidyne EXP5000 Air Data Computer #2 Make/Model: -----

SN: 20009316 SN: -----

1. Trouble shoot multiple static leaks. Found leaks at left static port in the rear. Also trightened connections in rear floor te points.

2. Perform 2 year magnetometer recalibration as per Instructions for Continued Airworthiness.

3. Perform wet compass calibration with a new compass correction card.

Authorized Signature:

Date: 9/26/2014

	ate Number of pecific entries.)
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11	
st	

1. Approving Civil Aviation Authority/Country: AUTHORIZED RELEASE CERTIFICATE FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 5. Work Order/Contract/Invoice 4. Organization Name and Address: Number: C&W Aero Services, Inc. Essex County Airport. Fairfield, NJ 07004-3504 FAA Certified Repair Station #HX1R208K 11. Status/Work: 7. Description: 8. Part Number: 9. Quantity: 10. Serial Number: 6. Item: 448751 Certify Altmeter 59340-3 CERTIFY 12. Remarks: CERTIFY TO FAR PART 43 APPENDIX E TABLES I, II, III, IV. 13a. Certifies the items identified above were manufactured in conformity to: 14a. 7 14 CFR 43.9 Return to Service Other regulation specified in Block 12 Certifles that unless otherwise specified in Block 12, the work identified in Block 11 Approved design data and are in a condition for safe operation. and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for Non-approved design data specified in Block 12. return to service. 13c. Approval/Authorization No.: 14b. Authorized Signature: 14c. Approval/Certificate No .: 13b. Authorized Signature: HX1R208K 14d. Name (Typed or Printed): 14e. Date (dd/mmm/yyyy): 13e. Date (dd/mmm/yyyy): 13d. Name (Typed or Printed): Glenn Roggertamp User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. ės. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. 10 Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

F FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

FA	A/United States				CERTIFICATE	29073A
	zation Name and Address Lero Services, Inc. Es		A Form 8130-3, AIRW irfield, NJ 07004-3504		d Repair Station #HX1R208K	5. Work Order/Contract/Invoice Number: 29073
6. Item:	7. Description:	8. Part Nun	iber:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Certify PF	D 7000	0006-000	1	20009316	CERTIFY
13a. Cert		bove were manufactured in o d are in a condition for safe ta specified in Block 12.		Certific and des Federa	es that unless otherwise specified in E scribed in Block 12 was accomplished	Other regulation specified in Block 12 Block 12, the work identified in Block 11 I in accordance with Title 14, Code of to that work, the items are approved for
13b. Aut	horized Signature:	13c.	Approval/Authorization N		rized Signature:	14c. Approval/Certificate No.: HX1R208K
13d. Nan	ne (Typed or Printed):	13e.	Date (dd/mmm/yyyy):		Typed or Printed): Roggenkamp	14e. Date (dd/mmin/yyyy): 36 568 3014
			User/Instal	ler Responsibil		
Where the Block 1, is specified	e user/installer performs to t is essential that the user/ in Block 1.	vork in accordance with the installer ensures that his/her	national regulations of an airworthiness authority a certification. In all cases, a	airworthiness auth ecepts aircraft eng	me(s) propener(s) article(s) from the	opeller/article. ss authority of the country specified in e airworthiness authority of the country on certification issued in accordance with the

EAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

C&W Aero services Inc. 19 Wright Way, Suite 3 Fairfield, NJ 07004 FAA Repair Station HX1R208K Altimeter Reads Master Encoder X 100 Reads Altimeter -1000-10 -1010 0 -10 0 500 490 1000 990 10 1490 1500 5 2000 20 990 3000 30 2990 40 4000 3990 5990 6000 600 7985 8000 80 99 85 10000 00 11985 12000 120 3980 14000 140 5980 16000 160 17975 18000 180 9975 20000 200 22000 25000 30000 35000

Avidyne Altimeter Make: Altimeter Model: 700-0006-000

Altimeter S/N: 2000 9316 Tested By: Clen

Date: 9-26-14 Work Order No. 29073

Form No. CWF-013

C&W Aero services Inc. 19 Wright Way, Suite 3 Fairfield, NJ 07004

FAA Repair Station HX1R208K

Master	Altimet	er Reads		
Reads				
	Encoder X 100	Altimeter		
-1000	-10	T985		
0	0	-10		
500	5	485		
1000	(0	1010		
1500	15	1500		
2000	as	9010		
3000	30	3020		
4000	46	4090		
6000	60	6015		
8000	80	8000		
10000	100	10000		
12000	(20	19000		
14000	140	14005		
16000	160	16030		
18000	186	18090		
20000	200	20040		
22000				
25000				
30000				
35000				

Altimeter Make: United Inst. Altimeter Model: 5934D-3

Altimeter S/N: 448751

Tested By: Glun Date: 9-26-14 Work order No. 29074

Form No. CWF-013

ections, Tests, Repairs and Alterations

ed with Name, Rating and Certificate Number of cility. (See back pages for other specific entries.)

CRS HX1R208K accordance with FAR Part 43 Appendix E as outlined in 36 Services Inc. Tables I, II, III, and IV. Altimeter tested to 30 0 8 0 Work Order No. Preformed By:

C&W Aero

CRS C&W Aero Services Inc.

in accordance with FAR Part 43 Appendix E as outlined I certify that the following tests were preformed on Altimeter model ,000 ft. Altimeter tested to 30 and IV. S/N 3000931

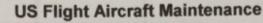
0 300 Work Order No.

Form No. CWF-014

AR TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection of I	d with Name, Rat	ing and Cer	rtificate Number of
MODEL S/N: 15 REG. N		2014	1 Wallingfi Hangar 5 8 Danbury, 0		DATE: 03 November A/C TSN: 1 TACH:	1265.7	
Airfra	ame Entries			We	ork Order: 07845-11-20	014	
	Operational che		eplaced both rela				
	ork performed has to	peen approved	SIGNED:	13/1/-/	19/16		
	ork performed has b	peen approved	SIGNED:	ette, A&P: 4454003AA	1		
	ork performed has b	peen approved	SIGNED:	13/1/-/			
	ork performed has b	peen approved	SIGNED:	13/1/-/			
	ork performed has b	peen approved	SIGNED:	13/1/-/			
	ork performed has b	peen approved	SIGNED:	13/1/-/			

YEAR 20 DATE	RECORDING TACH TIME	TUDAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Cirrus Design Corp MODEL: Sr20 S/N: 1589 REG. NO: N64CD WORK ORDER: 07874-01-2015



1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA Phone: 914-288-8088 DATE: 13 February, 2015 A/C TSN: 1294 FLIGHTTIME: 710.2

Airframe Entries

- 2 INSTALLATION OF NEW CARBON FIBER INSTRUMENT PANEL.... Removed instrument panel and engine control panel. Removed existing vinyl overlay. Installed carbon fiber panel overlays. Reinstalled existing panels.
- 3 PILOT & CO-PILOT SEAT BELT INFLATORS DUE FOR REPLACEMENT.... Removed pilots seat inflator P/N 508794-401 L/N 06140003.

Installed pilots seat inflator P/N 508794-401 L/N 34562048 DOM A1014, Due again OCT 2024.

Removed co-pilots seat inflator P/N 508794-401 L/N 06140003.

Installed co-pilots seat inflator P/N 508794-401 L/N 34562048 DOM A1014, Due again OCT 2024.

- PILOT AND CO-PILOT SEAT BOTTOMS HAVE CRUSHED HONEYCOMB STRUCTURE... Installed new energy absorption module P/N 14152-002 in each seat.
- 9 ELT BATTERY DATED MARCH 2012... Installed 8 new Duracell D cell batteries, due again Jun 2019.

Checked ELT I/A/W FAR 91.207(d) and FAA Action Notice 8150.3.

Due again in 12 months.

10 #1 ALTERNATOR 500 HOUR INSPECTION IS DUE... Disassembled alternator P/N ES4024LP, S/N 6081519.

C/W 500hr/ 2yr periodic inspection I/A/W Hartzell Technologies overhaul manual P/N OE-A2 Rev. 05

Found brushes worn to limits

Installed new brush kit P/N ES4118.

Alternator reassembled I/A/W Hartzell Technologies overhaul manual P/N OE-A2 Rev. 05

12 RIGHT OVERHE	AD PANEL LIGHT INOF	F Installed 2 new PS-1270 batteries in #2 to P Replace lamp.	attery case.
Operational check		P Replace lamp.	
	s good		
he work performed has bee	- 3000.		
	n approved for return to s	ervice.	
DATE: 13 February, 2015	SIGNED:	1011/1/	Work Order: 07874-01-2015
	Bernard Pa	quette, A&P: 4454002/JA	Printed by EBis 3 (datcomedia.com)
MANTE Class Device Com-		Filipha Almonda Maintanana	DATE: 13 February, 201
MAKE: Cirrus Design Corp MODEL: Sr20		Flight Aircraft Maintenance	A/C TSN: 1072. FLIGHTTIME: 710.
S/N: 1589 REG. NO: N64CD WORK ORDER: 07797-08-20	Hang Dant		
Airframe Entries			
1 C/W CIRRUS All manual inspectio		AL INSPECTION OF AIRFRAME Complie	ed with Annual inspection as per Cirrus Aircraft SR-20 maintenance
ADs checked thr	u 2-3-2015.		
I certify this AIRF	RAME has been inspec	ted in accordance with an ANNUAL inspect	on and has been determined to be in airworthy condition.
certify that this airframe ha	s been approved for retur	n to service.	1200
DATE: 13 February, 2015	SIGNED	1) Ment	Work Order: 07797-08-2014
	Bernard P	aquette, IA: 44540037IA	Printed by EBis 3 (datcomedia.com

RECORDING Tach Time	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
	CAPS CERT	rocket assembly C/W SB 2X-95-13 Install parachute PC#338CE WO# (chute exp. date Install new Rocke 2025) Reference C/W SB2X-95-18 P/N 70268-002 A 70271-002 cross Temporary Revis Re-Installed origin Nov., 2016) IFIED TECHNICIAL "The above items we see the stall the s	N64CD – Cirrus SR20 S/N: 1589 Airframe Hours: 1359.3 Hobbs (764.1 Flight Hobbs) ove BRS parachute asssembly P/N 20332-001, S/N 03783 for exchange and P/N 15047-001, S/N 2272 for disposal. 3, parachute bag strap hole enlargement. e P/N 25574-003-REB, S/N 03761R1 after Rebuild by Cirrus Design Corp. 519956 dated 06/Jul/2015. Reference the SR20 CMM CH 95-01. e June 30, 2025). tet Motor Assy P/N 29500-403, SN 1183 (mfg date July 14, 2015. Expires July 14, ethe SR20 CMM CH 95-01. BR2, dated May 15, 2015, installation of new design rocket launch system kit Avidyne Electronic ignition retrofit kit, 70271-001 G5 Rocket retrofit kit, 8 beam and 29705-002 Frangible link kit. Update W&B in AFM/POH and insert sion TPOH 13-06R1 in AFM/POH. inal line cutters P/N 211512. (date code TOS10L 003-071 line cutters expires #2518956 were complied with per the "Manufactures Maintenance Procedures". lengine is "Approved for Return to Service" for work performed.

0 11

WORK ORDER: 08073-02-2016



US Flight Aircraft Maintenance

1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA Phone: 914-288-8088 DATE: 23 February, 2016 A/C TSN: 1381* FLIGHTTIME: 779.5

Airframe Entries

REG. NO: N64CD

- ANNUAL ELT INSPECTION IS DUE I/A/W FAR 91.207.... Checked ELT I/A/W FAR 91.207(d) and FAA Action Notice 8150.3.
 - Due again in 12 months.
- FUEL INJECTOR NOZZLES SERVICE DUE EA 300 HRS OR ANNUALLY PER CIRRUS SR-22 AMM 5-20 CHECKLIST AND TCM SID 05-7 ICA. AND GAMI IP-2001-02.... Removed, cleaned, inspected and reinstalled fuel injectors IAW Position Tuned Fuel Nozzles Installation and Maintenance Manual TCM -SID05-7.
- 6 PILOT REPORTS CO-PILOTS BRAKE PEDALS WENT TO FLOOR ON LANDING... Reservoir found low.

Serviced to full.

Replaced right caliper bleeder screw due to wear.

Comply with Cirrus 3 year Brake system bleed due to fluid condition.

Operational checks airworthy.

8 MINOR FILLIFORM CORROSION ON RIGHT ELEVATOR OUTBOARD LEADING EDGE... Removed corrosion from affected areas.

Cleaned and primed affected areas.

Painted to match.

9 C/W CIRRUS MSB 2X-32-18 R4 NOSE GEAR UPPER GUSSET PLATE AND ATTACH FITTINGS INSPECTION.... C/W Cirrus MSB 2X-32-18 R4 Inspected NIg strut upper gusset plate and attach fittings with no discrepancies noted.

Next due: 879.5 Flt

10 RUDDER/AILERON BUNGEE REPLACED 11-10-2010 PER LOGBOOK.... Inspected bungee and found it to be manufactured April - June of 2009.

Replaced Rudder-Aileron Interconnect Bungee P/N 12983-001 I.A.W. Cirrus AMM section 27-20.

Performed function check, found airworthy.

11 FUEL TANK ACCESS PANEL UNDER LEFT WING HAS 2 SCREWS LEAKING FUEL.... Drain tank of fuel.

Remove screws from leaking positions, clean areas and screws.

Apply sealant and install screws, touch up with white epoxy.

Fill tank, leak checks airworthy.

Description of Inspections, Tests, Repairs and Alterations TOTAL TODAY'S RECORDING Entries must be endorsed with Name, Rating and Certificate Number of YEAR TIME IN FLIGHT TACH Technician or Repair Facility. (See back pages for other specific entries.) 20 SERVICE TIME DATE RIGHT FLAP HAS CORROSION INBOARD LOWER SIDE.... Removed corrosion from affected areas. 12 Cleaned and primed affected areas. Painted to match. Technicians Who Worked On The Items Listed Above: Bernard Paquette, SCOTT SPLETZER The work performed has been approved for return to service. Work Order: 08073-02-2018 SIGNED: DATE: 23 February, 2016 Printed by EBis 3 (datcomedia.com) Bernard Paquette, A&P: 445406371A **US Flight Aircraft Maintenance** MAKE: Cirrus Design Corp DATE: 23 February, 2019 MODEL: Sr20 1 Wallingford Rd S/N: 1589 Hangar 5 REG. NO: N64CD Danbury, CT 06810 USA WORK ORDER: 08073-02-2016 Phone: 914-288-8088 Airframe Entries C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF AIRFRAME.... Complied with 100 hour/Annual inspection as per Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20, ADs checked thru 2-2016 I certify this AIRFRAME has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition. Technicians Who Worked On The Items Listed Above: Bernard Paquette I certify that this airframe has been approved for return to service. Work Order: 08073-02-2016 DATE: 23 February, 2016 SIGNED: Printed by EBis 3 (datcomedia.com Bernard Paquette, IA: 4454002

Description of Inspections, Tests, Repairs and Alterations YEAR RECORDING TODAY'S TOTAL Entries must be endorsed with Name, Rating and Certificate Number of TACH FLIGHT TIME IN TIME Toobnicion or Donair Facility (Contrale name for other andis - - ting) CEDVICE DUNCAN Airframe Log Entry Reg. #N28PF Make: CIRRUS Model: SR 20 S/N: 1589 Date: 2/2/17 Hrs: 825.1 Lnds: NA Performed 2 yr pitot/static ops checks. Tested and inspected the pilot's and standby static pressure systems, altimeters and automatic pressure altitude reporting systems IAW Title 14 CFR part 91.411 and ATC Transponder tests and inspections IAW title 14 CFR part 91.413(a) and found to comply with the Title 14 CFR part 43, appendices E and F. All tests pass at this time. A/C tested to 20,000ft. I certify that this aircraft has been inspected IAW 91.411/413 inspection and was determined to be airworthy condition. Pertinent details of this repair/maintenance are on file at this repair station under Work Order # 4ZRFA

Phone: 203-386-0111

Signed: Peter Marte Q.I. 1376

Duncan Aviation CRS#JGV3194F

YEAR
20 TACH
TIME

TODAY'S FLIGHT TOTAL TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of

Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: Cirrus AIRCRAFT

MODEL: Sr20 S/N: 1589

REG. NO: N64CD

WORK ORDER: 08243-01-2017

US Flight Aircraft Maintenance

1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA

Danbury, CT 06810 USA Phone: 914-288-8088 DATE: 08 February, 2017 A/C TSN: 1439.3 FLIGHTTIME: 825.1

Airframe Entries

- 4 MISC REQUIRED PLACARDS FADED... Removed worn placards.
 - Installed new decals.
- 5 SB2X-95-22 CAPS AFT GRAIN REPLACEMENT... Not Applicable per Aircraft SN#1589.
- 6 ANNUAL ELT INSPECTION IS DUE I/A/W FAR 91.207.... Checked ELT I/A/W FAR 91.207(d) and FAA Action Notice 8150.3.
 - Due again in 12 months.
- 8 CABIN HEAT REPORTED INOP... Inspect heat controls & valves for proper operation per control selection.
 - Apply blower to mixing valve, operation checks satisfactory.
- CIRRUS MANDATORY SERVICE BULLETIN 2X-52-08 R2, GAS STRUT AND DIVERTER REPLACEMENT, IS DUE... C/W SB 2X-52-08R2 by installing new gas struts P/N 18200-003 and diverter kit P/N 70544-001.
- 12 TAIL BUMPER WORN... Installed a new tail tie down bumper P/N 16678-001 I/A/W SR20 MM 53-20 (D) 2.
- 14 PILOT REPORTS PILOT SEAT BOTTOM NEEDS MORE CUSHION... Remove seat cushion and inspect.
 - Added 1inch foam topper above close cell foam seat cushion For Pilots & Co-pilots seats.
- 15 CAPS LINE CUTTERS DUE FOR REPLACEMENT... Installed new line cutters P/N 26707-001, S/N's 10222 & 10220, Mfg 11/16 using kit P/N 25347-002 I/A/W Cirrus MM 95-01 and SB 2X-95-12. Due again 31 NOV 2022.
- 18 BATTERY#2 DUE FOR REPLACEMENT(RECOMMENDED)... Bench Charged both new batteries.
 - Removed old batteries.
 - Install new batteries P/N SP12-7.5 in Batt #2 tray and assemble. Install tray into aircraft.
 - Operational checks airworthy.

	YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs a Entries must be endorsed with Name, Rating and Cert Technician or Repair Facility. (See back pages for other	ificate Number of
19	#1 BATTE	ERY 3YRS OLD, LT	SEALED RE	COMMENDED.	Removed lead acid battery from service.	
	Bench cha	arged & Installed ne	w Gill LT Tec	hnology Battery	y PN#7243-14.	
20	CIRRUS	MANDATORY SER	VICE BULLE	TIN 2x-28-12 R	1, ELECTRIC FUEL PUMP INSPECTION, IS DUE C/W inspection per S	B instructions No- leaks.
22	ENGINE	INDUCTION AIR FI	LTER DUE FO	OR REPLACEM	MENT Removed worn filter assy.	
	Install nev	w BA-24 Filter and s	ecure with ne	ew ty wrap & cot	tter pin.	
23	BLUE TE	MPERATURE INDI	CATOR MISS	ING ON LEFT	BRAKE CALIPER Clean area with scotch brite & MEK.	
	Install nev	w Blue Temp indica	tor.			
				ervice.		
DAT	E: 08 Februar	ry, 2017	SIGNED:	1	(1) (1)	Work Order: 08243-01-2017
DAT	E: 08 Februar	ry, 2017		quette, A&P: 4454	(1) (1)	Work Order: 08243-01-2017 by EBis 3 (datcomedia.com)
DAT	- Ne		Bernard Pa	quette, A&P: 4454	T MANSFIELD, MA 02048 N4OR087B	

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN Entries mu Technician	tion of Inspections, Tests, Repairs and Alterations ust be endorsed with Name, Rating and Certificate Number of n or Repair Facility. (See back pages for other specific entries.)
MAKE: Cirrus AIRCR MODEL: Sr20 S/N: 1589 REG. NO: N64CD	2	1 Wa	Flight Aircraft Maintenan	DATE: 08 February, 2 A/C TSN: 14: FLIGHTTIME: 8:
Aircraft SI	es RUS AIRCRAFT	100HR/ANNU	bury, CT 06810 USA ne: 914-288-8088 JAL INSPECTION ON AIRFRAME pection checklist 5-20,	E Complied with 100 hour/Annual inspection using FAR43 Appendix D & Cirrus
Technicians Who V				JAL inspection and has been determined to be in airworthy condition.
Bernard Paquette I certify that this air DATE: 08 Februa		pproved for retu	1	Work Order: 08243-01-2017
	1		Paquette, IA: 44540037IA	Printed by EBis 3 (datcomedia.com

YEAR 20____ RECORDING TACH TIME

TODAY'S FLIGHT TOTAL TIME IN SERVICE **Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

ENGINE MODEL: 10360ES (6) ENGINE S/N: 360059 REG. NO: N64CD WORK ORDER: 08253-02-2017



US Flight Aircraft Maintenance

1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA Phone: 914-288-8088 DATE: 31 March, 2017 A/C TSN: 1449.8 ENG TT: 1449.8

FLIGHTTIME: 832.8

Engine Entries

CRANKSHAFT FLANGE SHOWING SIGNS OF CORROSION... Removed corrosion from crankshaft flange area & paint with POR-15 Corrosion Proof Paint.

Technicians Who Worked On The Items Listed Above: Bernard Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 31 March, 2017

MAKE: Cirrus AIRCRAFT MODEL: Sr20

MODEL: Sr20 S/N: 1589

REG. NO: N64CD WORK ORDER: 08253-02-2017 SIGNED:

US Flight Aircraft Maintenance

1 Wallingford Rd Hangar 5 Danbury, CT 06810 USA Phone: 914-288-8088 Work Order: 08253-02-2017

DATE: 31 March, 2017 A/C TSN: 1449.8 FLIGHTTIME: 832.8

Airframe Entries

REAR SEATS NEED MORE CUSHION... Remove seat cushion and inspect.

Added 1inch foam topper above close cell foam seat cushion For Pilots & Co-pilots seats.

THE 500 AGL GROUND PROXIMITY IS INOP.... Removed connector from EGPWS KGP 560 processor P/N 965-1198-005 mod 3. Checked security of configuration module. Cleaned and reinstalled.

sechnicians Who Worked On The Items Listed Above: semard Paquette, SCOTT SPLETZER

the work performed has been approved for return to service.

MATE: 31 March, 2017

SIGNED:

Bernard Paquette, A&P: 44540037IA

Work Order: 08253-02-2017

Printed by EBis 3 (datcomedia.com)

YEAR 20 DATE

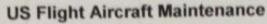
RECORDING TACH TIME

TODAY'S FLIGHT

TOTAL TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

MAKE Cirrus AIRCRAFT MODEL: Sr20 S/N: 1589 REG. NO: N64CD WORK ORDER: 08487-03-2018



CIRRUS AUTHORIZED SERVICE CENTER 1 WALLINGFORD RD HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088

DATE: 09 March, 2018 A/C TSN 1487 FLIGHTTIME 859

Airframe Entries

- ANNUAL ELT INSPECTION IS DUE I/A/W FAR 91.207.... ELT checked I/A/W FAR 91.207(d) and FAA Action Notice 8150.3.
 - Due again in 12 months.
- CIRRUS MANDATORY SERVICE BULLETIN 2X-95-24R1, CAPS ROCKET SHELF GROUND WIRE, IS DUE... C/W Mandatory SB 2X-95-24 by installing a 5 CAPS rocket shelf ground wire P/N 70572-001 I/A/W service bulletin instructions.
 - Weight change negligible
- C/W CIRRUS MSB 2X-32-18 R4 NOSE GEAR UPPER GUSSET PLATE AND ATTACH FITTINGS INSPECTION.... Inspected nose gear forward fillet welds 7 and gusset plate I/A/W SB 2X-32-18 R4.
 - No defects noted.
- AD 2017-04-06 UNITED INSTRUMENTS ALTIMETERS... AD 2017-04-06 N/A due to date of altimeter. 8
- AD 2009-05-05 AVIDYNE PFD's... AD 2009-05-05 N/A per serial number. 9
- NUMEROUS WHEEL PANT FASTENERS ARE MALFUNCTIONING... Replaced 6 camlock studs. 11

Adjusted loose stud receptacles to fit.

Technicians Who Worked On The Items Listed Above: SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 09 March. 2018

SIGNED:

Bernard Paquette, A&P: 4454003

Work Order, 08487-03-201

Printed by EBis 3 (datcomedia.com

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with	ons, Tests, Repairs and Alterations In Name, Rating and Certificate Number of (See back pages for other specific entries.)
MAKE: Cirrus AIRCRA MODEL: Sr20 S/N: 1589 REG. NO: N64CD WORK ORDER: 0848	~	CIRR 1 WA HANI Danb		oft Maintenance SERVICE CENTER	DATE: 09 March, 2018 A/C TSN: 1487.8 FLIGHTTIME: 859.2
Airframe Entries		nual inspectio	n using FAR43 A	Appendix D & Cirrus Aircraft SR-20 mainte	nance manual inspection checklist 5-20.
	s AIRFRAME has			ce with an ANNUAL inspection and has be	een determined to be in airworthy condition.
	raft has been appr			13/1/19	Work Order: 08487-03-2018
DATE: 09 March, 2		SIGNED		0037IA / geste	Work Order: 08487-03-2018 Printed by EBis 3 (datcomedia.com

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorse	ections, Tests, Repairs and Alteration ed with Name, Rating and Certificate Number of cility. (See back pages for other specific entries
MAKE: Cirrus Alf MODEL: Sr20	RCRAFT	US Flight	Aircraft Mai	ntenance	DATE: 15.
S/N: 1589 REG. NO: N64Cl WORK ORDER:			ORIZED SERVIC RD RD 3 5810 USA		A/C FLIGHT
Unit in	stalled in origina	approved mode all location, weigned airworthines	ht change negl	A02268CH and STC SA02268CH.	or from left rear baffle and installed an Airwolf air oil separator Rev C, page 26.
echnicians Who	Worked On The	Items Listed Ab	oove:		
The work perform	med has been app	proved for return	to service.	, , ,	
DATE: 15 Augu	ıst, 2018	SIGN	ED:	- AL	Work Order: 085
		SCOT	T SPLETZER, A	SP: 3402681	Printed by EBis 3 (datcor

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Nar	Tests, Repairs and Alterations me, Rating and Certificate Number of back pages for other specific entries.)
MAKE: Cirrus AIRCRAF MODEL: Sr20 S/N: 1589 REG. NO: N64CD WORK ORDER: 08586	~	CIRRU 1 WAL HANG Danbu	The second secon	ft Maintenance SERVICE CENTER	DATE: 15 August, 2018 A/C TSN: 1526.8 FLIGHTTIME: 890.6
Remove lea	R REQUESTS Pading edge tape fint Left & Right Street feet upper wing	from Horizonta side of Horizon to remove scr	al stabilizer. ntal stabilizer. Bu atches.	Paint right Inboard wing leading edge. uff surfaces.	
The work performed DATE: 15 August, 2		SIGNED:	/	140037IA	Work Order: 08586-07-2018 Printed by EBis 3 (datcomedia.com



Airframe Log Entry

Reg. #N64CD

S/N: 1589

Hrs: 915.5

Make: CIRRUS

Date: 3/21/19

Lnds: NA

Model: SR 20

Performed 2 yr pitot/static ops checks. Tested and inspected the pilot's and standby static pressure systems, altimeters and automatic pressure altitude reporting systems IAW Title 14 CFR part 91.411 and ATC Transponder tests and inspections IAW title 14 CFR part 91.413(a) and found to comply with the Title 14 CFR part 43, appendices E and F. All tests pass at this time. A/C tested to 20,000ft.

I certify that this aircraft has been inspected IAW 91.411/413 inspection and was determined to be airworthy condition. Pertinent details of this repair/maintenance are on file at this repair station under Work Order # 6KSZA

Signed: Peter Marte Q.I. 1376

Duncan Aviation CRS#JGV3194F

Phone: 203-386-0111

MAKE: Cirrus AIRCRAFT MODEL: Sr20 S/N: 1589 REG. NO: N64CD WORK ORDER: 08709-03-2019

US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER 1 WALLINGFORD RD HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088

DATE: 01 April, 2019 A/C TSN: 1560.2 FLIGHTTIME: 1277.9

Airframe Entries

ANNUAL ELT INSPECTION IS DUE I/A/W FAR 91.207.... Removed ELT model E-01 PN#12756-050 SN#054096.

New ELT 345 Installed at this time(see item #12 for details.)

ALTERNATOR #1 500 HR/ 2 YR INSPECTION DUE Detailed Inspection of brushes, gear clutch assy, insulators, and housing in accordance with the manufacturer's approved Instructions For Continued Airworthiness.

*Special Inspection

Only every 500 hours, not to exceed 2

vears.... Removed #1 Alternator PN#ES-4024LP

Brushes worn, Rotor bushings & Bearings have wear.

Installed rebuilt alternator P/N ES-4024LPR

S/N H-s092143 I/A/W overhaul manual 10-5.4, see 8130-3 dated 3/22/2019

- NOSE LANDING GEAR REBOUND BUMPERS WORN/SPLIT... Removed worn/split nose landing gear rebound bumpers and replaced with new PN# 14020-001
- C/W AD2008-11-18 (100HR) HEAT EXCHANGER INSPECTION PER CIRRUS SB2X-78-07R1... C/W AD 2008-11-18 by inspecting heat exchanger I/A/W SB2X-78-07R1 and SR20 MM 78-20.
- EMA CONTROLLER DUE FOR REPLACEMENT... Removed EMA controller PN#508358-421. Installed new EMA controller PN# 20902-001 SN# 10 A28JAN19-89
- ELT BATTERY DUE FOR REPLACEMENT, INSTALL NEW 406MHZ ELT 345 KIT... Removed ACK Model E-01 ELT S/N 054096.

Installed a new ELT 345, P/N A3-06-2880, S/N 267-08300 I/A/W Artex installation manual Y1-03-0282 Rev. H.

ELT, remote switch and antenna installed in original locations. RS232 Nav data retreived from Comm 1, P1001, pin 5.

ELT modified to reflect the N number N64CD.

ELT checked I/A/W FAR 91.207 and Artex installation manual Y1-03-0282 Rev. H. Due again in 12 months. Battery due for replacement JAN 2026.

Weight change negligible.

C/W CIRRUS MSB 2X-32-18 R4 NOSE GEAR UPPER GUSSET PLATE AND ATTACH FITTINGS INSPECTION.... C/W Cirrus MSB 2X-32-18 R4 Inspected Nig strut upper gusset plate and attach fittings with no discrepancies noted.

BATTERY#2 SUE FOR REPLACEMENT(RECOMMENDED)... Removed old batteries and replaced with new PN#PS-1270 17 C/W CIRRUS 3YR BRAKE SYSTEM BLEED... Bleed brakes per chapter 32 with fresh Mil-H-5606A Aviation Hydraulic fluid. 18 FUEL CAP PLACARDS WORN... Removed worn fuel cap placards and replaced with new PN#15648-001 20 NOSE STRUT TUBE CORROSION ABOVE SPINDLE CUP.... Cleaned surface and applied POR-15 white 21 paint. Technicians Who Worked On The Items Listed Above: Bernard Paquette, Cody Barker, SCOTT SPLETZER The work performed has been approved for return to service. DATE: 01 April, 2019 SIGNED: Work Order: 08709-03-2019 Bernard Paquette, A&P: 4454003 Printed by EBis 3 (datcomedia.com MAKE: Cirrus AIRCRAFT **US Flight Aircraft Maintenance** DATE: 01 April, 2019 MODEL: Sr20 A/C TSN: 1560.2 S/N: 1589 CIRRUS AUTHORIZED SERVICE CENTER FLIGHTTIME: 1277.9 REG. NO: N64CD 1 WALLINGFORD RD WORK ORDER: 08709-03-2019 HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-288-8088 **Airframe Entries** C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION ON AIRFRAME.... Complied with 100 hour/Annual inspection using FAR43 Appendix D & Cirrus Aircraft SR-20 maintenance manual inspection checklist 5-20. ADs checked thru 3-18-2019 I certify this AIRFRAME has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition. Technicians Who Worked On The Items Listed Above: Cody Barker, SCOTT SPLETZER I certify that this Aircraft has been approved for return to service. Work Order: 08709-03-2019 DATE: 01 April, 2019 SIGNED: Printed by EBis 3 (datcomedia.com) Bernard Paquette, IA: 44540037IA

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be	endorsed w	ith Name, F	Rating and Cer	and Alterations tificate Number of er specific entries.)
Airframe En			19	agon Aircraft S Wright Way, Fairfie (973)575-0364 Fa	ld, NJ 07004			Authorized Cirrus Service Center
Da	te N'I	Number	Make/Model	Serial#	Flight	Hobbs	Total Time	W. O.
8/28/2		64CD	Cirrus SR20	1589 eck satisfactory.	926.3	1575.2		9943
approved	for return to se	rvice with r	egard to work pe				gaker A&P 3532	
MAKE: Cirrus Al MODEL: Sr20 S/N: 1589 REG. NO: N640 WORK ORDER:		7	CIRRUS AUTHORIZ 1 WALLINGFORD R HANGAR 5 & 6 Danbury, CT 06810 Phone: 914-288-808	DATE: 01 October A/C TSN: 1 FLIGHTTIME: 1				
Airframe Er		NOR REQUI	RES ADJUSTMEN	IT Adjusted propeller	governor to 270	0 RPM and sa	fetyed.	
echnicians Who COTT SPLETZ	Worked On The Ite	ems Listed Abo	ve:					
he work perform	ned has been appro	ved for return to	o service.					
ATE: 01 Octo	ber, 2019	SIG	NED:	1				Work Order: 08910-10-
		sco	OTT SPLETZER, A&P	: 3402681			Pri	inted by EBis 3 (datcomedia.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)						
	LOG ID#	# 1970 18 S/N 158	-November-20 9 CIRRUS	TH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 19 WO# 5777 AC TT 1590.8 HOBBS 1590.8 SR20 Pg 1/1						
I	AVIONICS 3EG03081 42122)	AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GTX 327 TRANSPONDER (PN: 011-00490-00 SN: 83718495), ENCODER (PN: A-30 SN: 97764) AVIONICS UPGRADE TO INCLUDE THE INSTALLATION OF: GTX 345 TRANSPONDER (PN: 011-03302-00 SN: 3EG030812), ENCODER (PN: SSD120-30N-RS232 SN: SRN26984), TRANSPONDER ANTENNA (PN: CI 105-16 SN: 42122)								
F	FAR 43, GTN 650 AND COM 1933 RE	ATC TRANSPONDER (PN: 011-03302-00 SN: 3EG030812) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX F, AS REQUIRED BY FAR 91.413. GTN 650 (SN: 1Z8010349) AND GTN 650 (SN: 1Z8010251) MAIN SOFTWARE UPDATED FROM VERSION 6.41 TO 6.62 AND COM SOFTWARE UPDATE FROM VERSION 2.20 TO VERSION 2.30 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN 1933 REV. B DATED 01 NOVEMBER 2019.								
la 4 li .5 o lia	THE ARO	VE WORK WA	ND IS APPROVE	IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION OF FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.						
d										
vir 9										