THE O O AIRCRAFT MAINTENANCE MAINTENANCE RECORDKEEPING SYSTEM

AVIONICS MAINTENANCE RECORDS



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Model	\$R 20	
Serial No.	1529	
	EQUIPMENT LIST	ING
List all insta	lled avionics, autopilot and flig	ht director equipment.
Mfg.	Model	Serial No.
		
		
		
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AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965 (631) 765-9375 1-800-235-6444 FAX: (631) 765-9359 Log No.

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Engine TSN: N/A Engine TSMO: N/A Work Order(s): 21.07.07 The below listed items were accomplished in accordance work order numbers are shown in brackets [], [21.07.07] Removed the Primary Flight Display SN: 2061 dated 6-24-2021, Altimeter checked during M control DFC90 SN: M210593068 mated to S- Upgrade from Avionics source. Configuration Signed SportairUSA 8222 Remount Road North Little Rock, AR 72118 21-July-2021 Aircraft Total: Engine TSM: N/A Engine TSMO: N/A Work Order(s): 21.07.07 The below listed items were accomplished in accordance work order numbers are shown in brackets [], [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. D Signed SportairUSA 8222 Remount Road	MAINTENANCE RECORD Page 1 of 1	N110BW Serial #15
Engine TSMO: N'A Work Order(s): 21.07.07 The below listed items were accomplished in accordance work order numbers are shown in brackets [], [21.07.07] Removed the Primary Flight Display SN: 2061 dated 6-24-2021, Altimeter checked during M control DFC90 SN: M210593068 mated to S-Upgrade from Avionics source. Configuration Signed SportairUSA 8222 Remount Road North Little Rock, AR 72118 21-July-2021 Aircraft Total: Engine TSM: N'A Engine TSM: N'A Engine TSMO: N'A Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets []. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. D Signed Signed Signed SportairUSA 8222 Remount Road	lobbs: Cach meter:	Make -Cirrus Design Corp
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Canal Control of the Primary Flight Display SN: 2061		
North Little Rock, AR 72118 21-July-2021 Aircraft Total: Engine TSN: N'A Engine TSMO: N A Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets []. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during a little of the controller and reautopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. D Signed SportairUSA 8222 Remount Road	For outside and C	controller and reinstalled customer supplied Avidyne Digital Flig
Aircraft Total: Engine TSN: N'A Engine TSNO: N A Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets]. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during I - Removed S-Tec autopilot controller and re autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. D	501-228-7777	Mark Miller FAA CRS 2SUR495B Repairman 3537593
Aircraft Total: Engine TSN: N'A Engine TSMO: N A Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets]. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during I - Removed S-Tec autopilot controller and re autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed et Source through upgrade trade-in program. D	MAINTENANCE RECORI Page 1 of 1	D N110BW Scrial #1
Engine TSMO: N A Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets []. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during a removed S-Tec autopilot controller and re autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. D Signed Sportair USA 8222 Remount Road	Hobbs:	Make Cirrus Design Corp
Work Order(s): 21.07.07 The below listed items were accomplished in accordance Work order numbers are shown in brackets 1. [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during in the controller and reautopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed of Source through upgrade trade-in program. DespotairUSA Signed SportairUSA 8222 Remount Road	Tach meter:	Model- SR20
The below listed items were accomplished in accordance Work order numbers are shown in brackets 1, [21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during I - Removed S-Tec autopilot controller and re autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed or Source through upgrade trade-in program. D Signed SportairUSA 8222 Remount Road	Engine Serial # NA	
[21.07.07] Removed the Primary Flight Display SN: 206 dated 6-24-2021, Altimeter checked during I - Removed S-Tec autopilot controller and re autopilot rack from upgrade Avionics Source -Removed Garmin GNS 430 and installed et Source through upgrade trade-in program. D Signed SportairUSA 8222 Remount Road	with approved or acceptable data as app	plicable. Details are on file under the above work order number(s
SportairUSA 8222 Remount Road	MOD upgrade. Reinstalled same Unit banstalled customer supplied Avidyne Di Done in accordance with STC SA002 stomer supplied Avidyne IFD 440 Upg	gital Flight control DFC90 SN: M210593068 mated to S-Tec 196BO see 337 dated 21 July 2021 rade from Avionics source. Configuration performed by Avionics
	501-228-7777	Mark Miller FAA CRS 2SUR495B Repairman 3537593

Page No. 3

DATE AIRFRAME AVIONICS
TIME TIME
IN IN
SERVICE SERVICE

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

ELITE

4331 John E. Godwin Jr. Memorial Dr. Scott CityMO63780 80KR424D

Registration: N110BW Make&Model: CIRRUS DESIGN CORP SR20 S/N: 1538 Time: ょっ 劣いし

Repairs / Maintenance

 Performed magnetometer calibration IAW Avidyne Envision installation manual 600-00141-010 Rev 5. Post cal ops check good.

Inspector Auff 142

Date: 09-09-2021 W/O: 20119

CRS80KR424D

92 West
Aviation INC

92nd WEST AVIATION, INC.

1421 Lingo Road Lonoke, AR 72086 (501) 676-1746

Date: 23 Sep 2021 Tach Time: 1049.5 N110BW Cirrus SR20

Removed existing GPS1 antenna and cable. Installed Garmin GA 35 TSO WAAS GPS Antenna SN: 202510 and RG400 coax cable in accordance with Cirrus Service Bulletin SB 2X-34-24 R1. Performed functional test. Returned aircraft to service.

Matthew Adamson A&P 3535243 IA

		MAINTENANCE RECORD	
16-Nov-2023		Page 1 of 1	N110BW Serial #1538
Aircraft Total: 1183.	0	Hobbs: 1183.0	Make - Cirrus Design Corp
Engine TSN:	N/A	Tach meter:	Model- SR20
Engine TSMO:	N/A	Engine Serial # NA	
Work Order(s):	23.11.16		

The below listed items were accomplished in accordance with approved or acceptable data as applicable. Details are on file under the above work order number(s). Work order numbers are shown in brackets [],

[23.11.16] Performed Static and transponder checks to 20,000ft in accordance with FAR 91.411, FAR 91.413 and FAR 43 appendix E and F.
-Transponder Stratus ESG SN: 082074 Altimeter 1: EFIS Avidine Primary Flight Display SN: 20610116, Stand-by altimeter: United Instruments SN: 455948.

Encoder: EFIS 1 Next due Nov 2025.

SportairUSA 8222 Remount Road North Little Rock, AR 72118

501-228-7777

Mark Miller FAA CRS 2SUR495B Repairman 4340221

DATE						Page No. /
DATE	AIRFRAME TIME IN SERVICE					ED— 3FORMING WORK
		N110BW	Altimeter Cor	rection Card		
		ALT. FEET			ALT Reads	
		-1,000	-1,000		11,980	
		0	0		13,970	
		500	500			
	:	1,000	1,000		15,980	
		1,500	1,490		17,980 19,980	
	1	2,000	1,990		13,380	
		3,000	2,990		-	
		4,000	3,990		+	
	-	6,000	5,980		 	
		8,000	7,980		 	
		10,000	9,980		 	
		EFIS Avidine		·		
			er: 20610116			
			A LC. FAA CRS#	2511B405B		
1				230N493B		
į		N110BW ALT FEET	Altimeter Corre		-	
i		ALT. FEET	ALT. Reads	ALT FEET	ALT Reads	
į		ALT. FEET -1,000	ALT. Reads -980	ALT FEET 12,000	11,980	
		ALT. FEET	ALT. Reads -980 20	ALT FEET 12,000 14,000	11,980 13,960	
		ALT. FEET -1,000 0 500	ALT. Reads -980 20 500	12,000 14,000 16,000	11,980 13,960 15,960	
		ALT. FEET -1,000 0	ALT. Reads -980 20 500 1,000	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500	ALT. Reads -980 20 500 1,000 1,500	12,000 14,000 16,000	11,980 13,960 15,960	
		ALT. FEET -1,000 0 500 1,000	ALT. Reads -980 20 500 1,000 1,500 2,000	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
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		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 8,000 10,000	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980 7,980	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 8,000 10,000 Stand-by altime	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980 7,980 9,980 eter	ALT FEET 12,000 14,000 16,000 18,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 8,000 10,000 Stand-by altime	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980 7,980 9,980 eter 455948	ALT FEET 12,000 14,000 16,000 18,000 20,000	11,980 13,960 15,960 1,800	
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		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 8,000 10,000 Stand-by altime	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980 7,980 9,980 eter 455948	ALT FEET 12,000 14,000 16,000 18,000 20,000	11,980 13,960 15,960 1,800	
		ALT. FEET -1,000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 8,000 10,000 Stand-by altime	ALT. Reads -980 20 500 1,000 1,500 2,000 3,010 4,000 5,980 7,980 9,980 eter 455948	ALT FEET 12,000 14,000 16,000 18,000 20,000	11,980 13,960 15,960 1,800	

Page No. 5

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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US Departm	ent
of Transport	ation
Federal Avi	ation
A	t

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

OMB No. 2120-0020 Exp 01/31/2023	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)) Nationality and Registration Mark 1538 **N100BW** 1. Aircraft Make Series Cirrus Design Corp Name (As shown on registration certificate) Address (As shown on registration certificate) Address 400 W 18th St Brown Mark H 2. Owner Little Rock 72206 Country USA Zio 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Unit Make Model Serial No. Cirrus Design Corp 1538 (As described in Item 1 above) **AIRFRAME** X **POWERPLANT PROPELLER** Type **APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic SportairUSA Manufacturer Address 8222 Remount Road Foreign Certificated Mechanic C. Certificate No. State AR City North Little Rock Certificated Repair Station USA 72118 Country Certificated Maintenance Organization 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 Арр. В 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 X Approved FAA Flt. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Inspector Department of Transport BY Other (Specify) FAA Designee Inspection Authorization Repair Station Certificate or Signature/Date of Authorized Individu Designation No.

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 a	nd date work completed.)
USA N110WB	21 July 2021
Nationality and Registration N This System was installed in accorcance with STC SA00343BO	fark Date
A. Removed the following equipment: Garmin GNS 430	
B. Installed the following equipment: Avidyne Integrated Flight Display IFD 440	
C. Removed Garmin GNS 430 and installed Avidyne IFD 440 unit into sar wire harness. Unit is a slide in replacement. Installed in accorcance with S	
E. Flight manual Supplement: 600-00298-000 REV 09 has been inserted manual/pilot's manual.	into the flight
F. The instructions for Continued airworthines (ICA) AVIFD-315 REV 09 or provided to the aircraft owner/operator for incoporation into the aircraft ma	
G. Negligible change to aircraft weight and balance.	
J. Details on file under Work Order 21.07.07	
Additional Sheets Are Attached	