

Delivered Weight Data & Equipment List

Model SR22

Serial Number:

2793

Registration Number:

~~N6277W~~

~~N397SR~~

MARK
1/30/08

Basic Empty Weight: ~~SUPERCEDED~~

8/16/17.

2364 lb

Total Moment/1000:

326.660

Center of Gravity:

F.S.138.2 or 10.7 MAC

Parachute Canopy Color:

Orange / White

The following pages list required, standard, and optional equipment, as well as gives the weight and arm of each listed item. This listing represents the airplane and all options available at the time of delivery and does not include any equipment installed after delivery.

Note:

Not all optional equipment in this listing was installed in the above serial number airplane. Equipment listed as optional but not installed in the airplane is indicated by a hyphen (-) in the quantity column for that piece of equipment.

ATA - Item:

Each item in the listing is provided a unique number. The first two digits of the number represent the ATA or GAMA Chapter reference number. These numbers are used industry wide and in the Cirrus Design SR22 Maintenance Documentation to locate items in the Maintenance Manuals and or Parts Catalogs. The two digits following the hyphen are sequence numbers for each item in that chapter.

Description:

This is the component, assembly, or installation name.

Sym:

Items in this listing are coded by a symbol indicating the status of the item.

These codes are:

C Required item for FAA Certification.

S Standard equipment. Most standard equipment is applicable to all airplanes. Some equipment may be replaced by optional equipment.

O Optional equipment. Optional equipment may be installed in addition to or to replace standard equipment.

Qty:

The quantity of the listed item in the airplane. A hyphen (-) in this column indicates that the equipment was not installed

Part Number

This is the Cirrus Design Part Number for the component, assembly, or installation

Unit Wt

The weight, in pounds, of one each of the listed item.

Arm

The arm, in inches, of the listed item.

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
21	Air Conditioning					
21-01	Blower Fan Only	O	-	20970-001	7.3	133.0
21-02	Compressor	O	1	21119-003	15.0	93.1
21-03	Condenser Assembly	O	1	21209-001	17.0	132.8
21-04	Evaporator Assembly	O	1	21114-005	17.5	199.5
22	AutoFlight					
22-01	Sys 55X Autopilot Prgrmmr	S	1	14779-002	3.0	123.3
22-02	Altitude Transducer	S	1	12722-001	0.2	112.4
23	Communications					
23-01	Radios, See 34 – Navigation	-	-	-	-	-
23-02	Com 1 Antenna	C	1	12740-001	0.5	178.5
23-03	Com 2 Antenna	S	1	12741-001	0.5	204.6

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
24	Electrical Power					
24-01	Alternator 1	C	1	646843	12.3	61.8
24-02	Alternator 2	C	1	13565-001	5.7	91.0
24-03	MCU	C	1	19910-001	9.8	98.0
24-04	Volt / Ammeter	C	1	11240-001	0.8	119.7
24-05	Battery 1	C	1	50366-001	28.0	96.0
24-06	Battery 2	C	1	50979-011	11.5	230.0
25	Equipment & Furnishings					
25-01	Emergency Locator Transmitter & Batteries (121.5 MHz)	O	-	20220-001	3.6	228.8
25-02	Emergency Locator Transmitter & Batteries (406 MHz)	C	1	17190-100	3.4	229.5
25-03	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	20907-003/-004	27.0	149.3
25-04	Rear Seat Installation (Leather: add 0.4 lb each)	C	2	12053-002	21.8	180.0
25-05	Rear Seat Restraint	C	2	12491-001	2.3	180.0
26	Fire Protection					
26-01	Portable Fire Extinguisher	C	1	12533-003	1.5	118.4
27	Flight Controls					
27-01	Flap Actuator, Modified	C	1	11787-002	4.4	173.9
27-02	Roll Trim Cartridge Assy	C	1	15660-001	0.4	161.8
27-03	Roll Trim Motor Assembly	C	1	12546-001	1.3	159.8
27-04	Pitch Trim Cartridge Assy	C	1	15560-002	0.4	310.9
27-05	Pitch Trim Motor Assy	C	1	11794-004	1.3	303.5
27-06	Yaw Trim Cartridge Assy	C	1	11898-002	0.4	106.2
28	Fuel					
28-01	Fuel Quantity Indicator	C	1	13557-002	0.8	138.0
28-02	Fuel Selector Valve	C	1	11627-001	1.8	140.8
28-03	Gascolator	C	1	14069-001	1.0	98.5
28-04	Fuel Cap Assy	S	2	18051-001	0.4	154.0
28-05	Fuel Level Sender (OTBD)	C	2	18484-001	0.3	151.7
28-06	Fuel Level Sender (INBD)	C	2	18483-001	0.3	155.7
30	Ice & Rain Protection					

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
		O	1	15321-001	1.5	55.0
30-01	Propeller Slinger Ring	O	1	Integral to Wing	9.2	148.4
30-02	De-Icing Fluid Reservoir	O	1	17351-001	5.0	181.3
30-03	Metering Pump					
31	Indicating & Recording					
31-01	Annunciator Panel	C	1	15262-001	0.3	117.2
31-02	Hourmeter	S	1	12135-001	0.1	142.3
32	Landing Gear					
32-01	Main Landing Gear Installation	C	2	18560-001/ 002	34.0	157.5
32-02	Main Landing Gear Fairing Installation	S	2	18143-001/002	14.3	157.5
32-03	Brake Assembly	C	2	17122-103	3.2	157.5
32-04	Main Wheels	C	2	17122-101	7.8	157.5
32-05	Main Tire	C	2	14075-006	6.3	157.5
32-06	Main Tube	C	2	14076-002	1.0	157.5
32-07	Nose Landing Gear Installation	C	1	18100-001	35.0	77.0
32-08	Nose Wheel	C	1	12798-001	4.5	71.8
32-09	Nose Tire 5.00 x 5	C	1	14075-003	4.3	71.8
32-10	Nose Tire Tube	C	1	14076-001	1.0	71.8
32-11	Nose Gear Fairing & Pant	S	1	18303-001	5.2	78.0
32-12	Brake Master Cylinder	C	4	14269-001	0.6	104.5
32-13	Brake Fluid Reservoir	C	1	12006-001	0.4	98.1
33	Lights					
33-01	L/R Strobe/Nav Lights	C	2	17140-001/002	0.6	161.8
33-02	Strobe Power Supply (2)	C	2	14286-002	1.7	147.8
33-03	Landing Light Installation	S	1	20248-004	1.9	80.0
33-03	Recognition Light Installation	S	1	18285-001/002	0.4	138.5
34	Navigation & Pitot Static					
34-01	Avidyne FlightMax MFD					
34-02	Avidyne FlightMax PFD	O	1	14751-001	6.4	121.8
34-03	Altimeter	O	1	15222-001	12.0	115.5
34-04	TAS Indicator	C	1	12102-001	1.1	116.1
34-05	Magnetic Compass	C	1	13568-002	0.7	116.9
34-06	Attitude Gyro	C	1	12451-002	0.3	132.7
34-07	Marker Beacon Antenna	C	1	13459-002	2.2	114.5
34-08	GPS 1 Antenna	S	1	12743-001	0.6	200.0
34-09	GPS 2 Antenna	C	1	12744-001	0.4	136.2
34-10	Transponder Antenna	S	1	12744-001	0.4	110.3
		C	1	12739-001	0.1	105.0

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-11	VOR/LOC Antenna	C	1	12742-001	0.4	331.0
34-12	Turn Coordinator, Modified	C	1	11891-001	1.8	118.0
34-13	GMA 340 Audio Panel	S	1	12717-050	1.5	121.5
34-14	GNS 420 (GPS/COM/NAV)	O	-	12718-004	5.0	121.0
34-15	GNS 430 (GPS/COM/NAV)	C	1	12718-051	5.0	121.0
34-16	GNS 430 (GPS/COM/NAV)	O	1	12718-051	5.0	122.4
EMax Engine Monitoring						
34-17	• Data Acquisition Unit	O	1	16692-001	2.0	118.0
34-18	• Monitor Cabin Harness	O	1	16695-005	2.0	108.0
Sky Watch Option						
34-19	• Sky Watch Inverter	O	1	14484-001	0.5	118.0
34-20	• Sky Watch Antenna nstl	O	1	14480-001	2.3	150.5
34-21	• Sky Watch Track Box	O	1	14477-050	10.0	140.0
Stormscope Option						
34-22	• Processor	O	1	12745-050	1.7	199.0
34-23	• Antenna	O	1	12745-070	0.9	191.0
Transponder Option						
34-24	• Mode A/C Transponder	C	1	13587-001	1.6	124.9
34-25	• Mode S Transponder	O	-	15966-050	2.6	121.0
TAWS Option						
34-26	• KGP 560 Processor	O	1	15963-001	1.3	117.0
XM Satellite Options						
34-27	• XM WX / Radio Receiver	O	1	16121-001	1.7	114.0
34-28	• XM Radio Remote Control	O	1	16665-501	0.2	149.3
35 Oxygen						
35-01	Bottle Assembly - Empty	O	-	100N0020-4	17.4	262.3
	Full				23.8	265.3
61 Propeller						
61-01	Hartzell Propeller Installation	C	1	15319-00X	79.8	48.0
61-02	Hartzell Composite Propeller Installation	O	-	18974-001	67.2	48.0
61-02	McCaughey Propeller Installation	O	-	15825-00X	78.0	50.0
61-03	MT Propeller	O	-	18606-00X	56.2	48.6
61-03	Propeller Governor	C	1	15524-001	3.2	61.7
71 Power Plant						
71-01	Upper Cowl	C	1	20181-003	10.5	78.4
71-02	Lower Cowl LH	C	1	20182-006	5.4	78.4
71-03	Lower Cowl RH	C	1	18396-001	5.4	78.4

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
71-03	Engine Baffling Installation	C	1	15460-001	10.7	78.4
72	Engine					
72-01	Engine	C	1	14057-00X	414.5	76.5
72-02	Engine Mount Assembly	C	1	16546-001	22.0	76.5
72-03	Induction Filter	C	1	50207-001	0.4	62.9
72-04	Reiff Heater	O	-	L-6	1.9	76.0
73	Engine Fuel					
73-01	Engine Driven Fuel Pump	C	1	655921-1A5	3.2	93.7
73-02	Electric Fuel Pump Assy.	C	1	11839-001	2.3	97.7
73-03	Fuel Pressure Switch Assy.	C	1	13598-001	0.4	67.8
74	Engine Ignition					
74-01	Spark Plugs	C	12	RHB32E	0.3	78.4
74-02	Magnetos (L & R)	C	2	10-500556-1	11.5	74.5
74-03	Ignition Switch Installation	C	1	11915-003	0.5	123.0
78	Engine Exhaust					
78-01	Heater Muffler	S	1	14837-001	7.2	87.0
78-02	LH Muffler	S	1	14836-001	2.8	86.0
78-03	Tailpipe	S	2	20516-001	2.9	99.0
79	Oil					
79-01	Engine Oil Cooler	S	1	10281A	7.8	90.0
79-02	Oil Filter	S	1	CH48108	1.5	93.4
80	Starting					
80-01	24-volt Starter	S	1	ES-646275-1	15.0	93.0
81	Turbines-SA10588SC & SE10589SC					
81-01	LH Turbocharger	C	-	ETI-SR22-2000	15.0	84.0
81-02	RH Turbocharger	C	-	ETI-SR22-1300	15.0	84.0
81-03	LH Intercooler	C	-	ETI-G2-500-1	5.0	83.0
81-04	RH Intercooler	C	-	ETI-G2-500-2	5.0	83.0
81-05	Lower Cowl Modification	C	-	NA	0.8	81.0
81-06	Air Filter Box and Retainer	C	-	NA	1.5	63.0
95	Special Equipment					
95-01	Packed Parachute (CAPS)	C	1	20331-001	54.0	235.5
95-02	Airplane Flight Manual	C	1	13772-001	1.2	-



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Signature TechnicAir- FDK - Repair Station LC1R291K

Additional Equipment List and C.G. Range and Weight and Balance Data

Registration Number **N627PW**

Aircraft Serial Number **2793**

Date 16 August 2017

Work order number **62887**

Previous Calculations: As delivered 2364 138.2 326660.0

<u>Item</u>	<u>P/N</u>	<u>S/N</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
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Items Removed
 None

Items Installed

SB2X-95-18R3 CAPS rocket motor

Assembly replacement:

Rocket and shelf assembly	1.34	231.4	310.076
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Electrical wiring modifications	.78	116.0	90.48
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New Calculations: 2366.12 138.23 327060.55

New Aircraft Empty Weight **2366.12**

Aircraft Empty Weight C.G. **138.23**

Aircraft Useful Load (Normal) **1033.88**

Aircraft Gross Weight **3400**

 It is the responsibility of the pilot and the aircraft owner to insure that the airplane is loaded properly. Refer to loading graphs and C.G. range and weights graph if applicable to this aircraft. See aircraft weight and balance data.

Technician *n* Inspector *John*