

**WEIGHT & BALANCE**

DATE 1/23/2021  
 MAKE  
 MODEL  
 N NUMBER  
 S/N  
 BASIC EMPTY WEIGHT  
 TOTAL MOMENT /1000  
 CENTER OF GRAVITY F.S.  
 PARACHUTE CANOPY COLOR

OLD \_\_\_\_\_ NEW  
 Cirrus  
 SR22  
 N856SR  
 2834  
 2475.5 2472.06  
 344123.5 343953.3778  
 139.0117148 139.1363388  
 OR/WHITE

GROSS TAKE OFF WEIGHT LBS  
 USFUEL LOAD

3400 3400  
 924.5 927.94

MODIFICATION	LBS	ARM IN"	MOM/1000	BASIC EMPTY WEIGHT LBS
OUT GMA 340		1.5	121.5	0.18225
OUT GNS 430		5	122.4	127.4
<del>OUT GNS 430</del>		<del>5</del>	<del>121</del>	<del>126</del>
OUT GTX 327		1.6	124.9	126.5
OUT 55X		2.7	123.3	126
OUT SKY 497		8.94	140	148.94
OUT			147.8	147.8
OUT			161.6	161.6
OUT			121.5	123.6
IN AMX 240		2.1	121.5	123.6
IN IFD 550		7.15	122.4	129.55
IN IFD 440		5.15	121	126.15
IN DFC90		2.1	123.3	125.4
IN NGT9000R		4.8	140	144.8
IN			161.6	161.6
TOTAL			2472.06	343953.3778

A&P 3176942 *[Signature]*

## Delivered Weight Data & Equipment List

### Model SR22

Serial Number:	2834
Registration Number:	N856SR
Basic Empty Weight:	<del>2474 lb</del> <i>01/13/09 Superseded</i>
Total Moment/1000:	345.698
Center of Gravity:	F.S.139.7 or 13.9 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
<b>21</b>	<b>Air Conditioning</b>					
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
<b>22</b>	<b>AutoFlight</b>					
22-01	Sys 55X Autopilot Prgmmr	S	1	14779-002	3.0	123.3
22-02	Altitude Transducer	S	1	12722-001	0.2	112.4
<b>23</b>	<b>Communications</b>					
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
<b>24</b>	<b>Electrical Power</b>					
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
<b>25</b>	<b>Equipment &amp; Furnishings</b>					
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
<b>26</b>	<b>Fire Protection</b>					
26-01	Portable Fire Extinguisher	C	1	12533-003	1.5	118.4
<b>27</b>	<b>Flight Controls</b>					
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
<b>28</b>	<b>Fuel</b>					
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
<b>30</b>	<b>Ice &amp; Rain Protection</b>					

SYSTEMS  
DESCRIPTION

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
30-01	Propeller Slinger Ring	O	1	15321-001	1.5	55.0
30-02	De-Icing Fluid Reservoir	O	1	Integral to Wing	9.2	148.4
30-03	Metering Pump	O	1	17351-001	5.0	181.3
<b>31</b>	<b>Indicating &amp; Recording</b>					
31-01	Annunciator Panel	C	1	15262-001	0.3	117.2
31-02	Hourmeter	S	1	12135-001	0.1	142.3
<b>32</b>	<b>Landing Gear</b>					
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
<b>33</b>	<b>Lights</b>					
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
<b>34</b>	<b>Navigation &amp; Pitot Static</b>					
34-01	Avidyne FlightMax MFD	O	1	14751-001	6.4	121.8
34-02	Avidyne FlightMax PFD	O	1	15222-001	12.0	115.5
34-03	Altimeter	C	1	12102-001	1.1	116.1
34-04	TAS Indicator	C	1	13568-002	0.7	116.9
34-05	Magnetic Compass	C	1	12451-002	0.3	132.7
34-06	Attitude Gyro	C	1	13459-002	2.2	114.5
34-07	Marker Beacon Antenna	S	1	12743-001	0.6	200.0
34-08	GPS 1 Antenna	C	1	12744-001	0.4	136.2
34-09	GPS 2 Antenna	S	1	12744-001	0.4	110.3
34-10	Transponder Antenna	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
	<b>EMax Engine Monitoring</b>					
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
	<b>Sky Watch Option</b>					
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
	<b>Stormscope Option</b>					
34-22	• Processor	O	1	12745-050	1.7	199.0
34-23	• Antenna	O	1	12745-070	0.9	191.0
	<b>Transponder Option</b>					
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
	<b>TAWS Option</b>					
34-26	• KGP 560 Processor	O	1	15963-001	1.3	117.0
	<b>XM Satellite Options</b>					
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
<b>35</b>	<b>Oxygen</b>					
35-01	Bottle Assembly - Empty	O	1	100N0020-4	17.4	262.3
	Full				23.8	265.3
<b>61</b>	<b>Propeller</b>					
61-01	Hartzell Propeller Installation	C	-	15319-00X	79.8	48.0
61-02	Hartzell Composite Propeller Installation	O	1	18974-001	67.2	48.0
61-02	McCauley 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
<b>71</b>	<b>Power Plant</b>					
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

SYSTEMS  
DESCRIPTION

INSTALLATION  
& MAINT

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
71-03	Engine Baffling Installation	C	1	15460-001	10.7	78.4
<b>72</b>	<b>Engine</b>					
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	-	50207-001	0.4	62.9
72-04	Reiff Heater	O	-	L-6	1.9	76.0
<b>73</b>	<b>Engine Fuel</b>					
73-01	Engine Driven Fuel Pump	C	1	ETI-SR22-2-11	3.32	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
<b>74</b>	<b>Engine Ignition</b>					
74-01	Spark Plugs	C	12	RHB32E	0.3	78.4
74-02	Magnetos (L & R)	C	2	10-500556-101	11.6	74.5
74-03	Ignition Switch Installation	C	1	11915-003	0.5	123.0
<b>78</b>	<b>Engine Exhaust</b>					
78-01	Heater Muffler	S	1	ETI-SR22-100-1	13.2	87.0
78-02	LH Muffler	S	1	ETI-SR22-103-1	8.5	86.0
78-03	Tailpipe	S	2	ETI-G2-110-L-1/	12	99.0
<b>79</b>	<b>Oil</b>					
79-01	Engine Oil Cooler	S	1	10281A	7.8	90.0
79-02	Oil Filter	S	1	CH48108	1.5	93.4
<b>80</b>	<b>Starting</b>					
80-01	24-volt Starter	S	1	ES-646275-1	15.0	93.0
<b>81</b>	<b>Turbines-SA10588SC &amp; SE10589SC</b>					
81-01	LH Turbocharger	C	1	ETI-SR22-2000	15.0	84.0
81-02	RH Turbocharger	C	1	ETI-SR22-1300	15.0	84.0
81-03	LH Intercooler	C	1	ETI-G2-500-1	5.0	83.0
81-04	RH Intercooler	C	1	ETI-G2-500-2	5.0	83.0
81-05	Lower Cowl Modification	C	1	NA	0.8	81.0
81-06	Air Filter Box and Retainer	C	1	NA	1.5	63.0
<b>95</b>	<b>Special Equipment</b>					
95-01	Packed Parachute (CAPS)	C	1	20331-001	54.0	235.5
95-02	Airplane Flight Manual	C	1	13772-001	1.2	-

P/N 13772-001  
12/6/2007

1.6 124.9 126.5  
 27 123.3 126  
 B. New Embry 55X  
 OIA 327