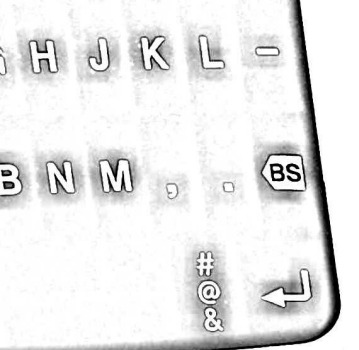




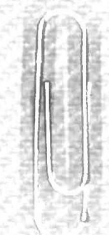
WEIGHT & BALANCE

DATE	11/21/16	OLD	NEW
MAKE		Cirrus	
MODEL		SR22	
N NUMBER		N531CC	
S/N		3681	
BASIC EMPTY WEIGHT		2382	2387.87
TOTAL MOMENT /1000		333.633	334.17891
CENTER OF GRAITY F.S.		140.1	139.948536
PARACHUTE CANOPY COLOR		OR/WHITE	

GROSS TAKE OFF WEIGHT LBS	3400	3400
USFUEL LOAD	1018	1012.13

MODIFICATION			BASIC EMPTY WEIGHT			
Starter	LBS	ARM IN"	MOM/1000	LBS	MOM/1000	
OUT T/3		6.63	93	0.61659	2382	333.633
IN Tempest		12.5	93	1.1625	2387.87	334.17891

1/A OR A/P Tim Masters 2802663 JA



Delivered Weight Data & Equipment List

Model SR22
Serial Number: 3681
Registration Number: N531CC
Basic Empty Weight: 2382 lb
Total Moment/1000: 333.633
Center of Gravity: F.S.140.1
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

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SR22

Weight Balance
Equipment List

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	-	14779-002	3.0	123.3
22-02	Garmin Autopilot Controller	S	1	24645-001	0.8	126.5
22-03	Altitude Transducer	S	1	12722-001	0.2	112.4
23	Communications					
23-01	Radios, Sea 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
24	Electrical Power					
24-01	Alternator 1	C	1	646843	12.3	61.8
24-02	Alternator 2	C	-	13565-001	5.7	91.0
24-03	Alternator 2	C	1	657199	9.0	62.0
24-04	MCU130 with Cables	C	-	19911-003	12.1	97.5
24-05	MCU140 w/ Cables	C	1	19799-001	13.9	97.5
24-06	Battery 1	C	1	53030-001	26.5	96.0
24-07	Battery 2	C	1	50979-011	11.5	230.0
24-08	Battery 2	O	-	24557-002	21.4	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	20907-40x	27.0	149.3
25-04	Rear Seat Installation (Leather: add 0.4 lb each)	C	2	13134-40x	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	Roll Servo GSA80	O	1	24644-002	3.1	172.0
27-05	Roll Servo Motor GSM85A	O	1	24644-012	1.6	172.0
27-06	Pitch Trim Cartridge Assy	C	1	15560-002	0.4	310.9
27-07	Pitch Trim Motor Assy	C	1	11794-004	1.3	303.5

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172.0	
172.0	
310.9	
303.5	

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Weight Balance
Equipment List

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
27-08	Yaw Trim Cartridge Assy	C	1	11898-002	0.4	106.2
27-09	Yaw Servo GSA81	O	1	24644-001	2.2	236.0
27-10	Yaw Servo Motor GSM85A	O	1	24644-011	1.6	236.0
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	Fuel Cap Assy	S	2	18051-001	0.4	154.0
28-04	Fuel Level Sender (OTBD)	C	2	18484-001	0.3	151.7
28-05	Fuel Level Sender (INBD)	C	2	18483-001	0.3	155.7
30	Ice & Rain Protection					
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
30-04	Windshield Spray Nozzles (FIKI)	O	-	19610-001	0.0	101.8
30-05	Wing LH and RH Inboard Panel	O	-	19539-003/004	8.1	133.0
30-06	Wing LH and RH Outboard Panel	O	-	19539-001/002	4.8	135.3
30-07	Horizontal Stabilizer LH and RH Panel	O	-	19539-007/008	4.5	195.3
30-08	Vertical Stabilizer Panel	O	-	19539-009	1.1	317.5
30-09	Elevator Tip LH and RH Panel	O	-	19539-005/006	0.35	299.5
30-10	Propeller Sling Ring	O	-	15321-001	0.35	55.0
30-11	Ice-Inspection Lights	O	-	19985-001/002	0.6	104.5
30-12	Heated Stall Warning	O	-	18691-001	0.2	133.7
31	Indicating & Recording					
31-01	Annunciator Panel	C	1	15262-001	0.3	117.2
31-02	Hourmeter	S	2	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
33-04	Recognition Light Installation	S	2	18285-001/002	0.4	138.5
34	Navigation & Pitot Static					
34-01	Avidyne FlightMax MFD	O	-	14751-001	6.4	121.8
34-02	Garmin 12" Display	O	1	24655-003	9.3	118.5
34-03	Garmin 12" Display	C	1	24655-004	9.3	117.0

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1.8 180.0
2.3 180.0
1.5 118.4
4.4 173.9
0.4 161.8
1.3 159.8
3.1 172.0
1.6 172.0
0.4 310.9
1.3 303.5

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Weight Balance
Equipment List

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-04	Avidyne FlightMax PFD	O	-	15222-001	12.0	115.5
34-05	Garmin 10" Display	O	-	24655-001	9.3	118.5
34-06	Garmin 10" Display	C	-	24655-002	9.3	117.0
34-07	Altimeter	C	1	12102-001	1.1	116.1
34-08	TAS Indicator	C	1	13568-002	0.7	116.9
34-09	Magnetic Compass	C	1	12451-002	0.3	132.7
34-10	Attitude Gyro	C	1	13459-002	2.2	114.5
34-11	Marker Beacon Antenna	S	1	12743-001	0.6	200.0 2.3
34-12	GPS 1 Antenna	C	1	12744-001	0.4	136.2 5.3
34-13	GPS 2 Antenna	S	1	12744-001	0.4	110.3
34-14	Transponder Antenna	C	1	12739-001	0.1	105.0
34-15	VOR/LOC Antenna	C	1	12742-001	0.4	331.0
34-16	Turn Coordinator, Modified	C	1	11891-001	1.8	118.0
34-17	GMA 340 Audio Panel	S	-	12717-050	1.5	121.5
34-18	GMA 347, Audio Panel	O	1	24551-002	2.0	125.5
34-19	GNS 420 (GPS/COM/NAV)	O	-	12718-004	5.0	121.0 7
34-20	GNS 430 (GPS/COM/NAV)	C	-	12718-051	5.0	121.0
34-21	GNS 430 (GPS/COM/NAV)	O	-	12718-051	5.0	122.4
34-22	GPS/NAV/COM#1 GIA63W	O	1	24662-001	6.3	110.5
34-23	GPS/NAV/COM#2 GIA63W	O	1	24662-001	6.3	111.0
34-24	AIR DATA COMPUTER, GDC 74	O	1	24651-001	2.0	112.5
34-25	AHRS UNIT, GRS 77	O	2	24681-001	3.3	110.0
34-26	CO Detector	O	1	19273-001	0.2	104.0 5
34-27	FMS Keyboard, GCU 478	O	1	24654-002	1.0	124.0
34-28	ADF Installation	O	-	24724-001	3.2	120.0
34-29	ADF Antenna Installation	O	-	24617-001	4.2	162.0
34-30	DME Installation	O	-	19353-001	2.8	122.0
34-31	DME Antenna Installation	O	-	24733-001	0.2	114.5 5.7
34-32	EMax Engine Monitoring					7
34-32	Data Acquisition Unit	O	-	16692-001	2.0	118.0
34-33	Rack/Unit Installation, GEA 71	O	1	19256-001	2.2	111.5
34-34	Monitor Cabin Harness	O	-	16695-005	2.0	108.0
34-35	Traffic Option					
34-35	Sky Watch Inverter	O	-	14484-001	0.5	118.0
34-36	Sky Watch Antenna nstl	O	-	14480-001	2.3	150.5
34-37	Sky Watch Track Box	O	-	14477-050	10.0	213.3 7.0
34-38	Avidyne TAS Processor	O	1	71-2420-X-TAS610	6.7	139.0 0
34-40	Single Blade TAS Antenna	O	1	S72-1750-31L	0.7	157.2
34-41	Twin Blade TAS Antenna	O	1	S72-1750-32L	0.8	180.0
34-42	Garmin Traffic GTS 800	O	-	26659-001	9.9	139.0
34-43	Antenna, Monopole	O	-	26656-001	0.2	157.2
34-44	Antenna, Directional, GA 58	O	-	26659-050	0.8	180.0
34-45	Weather Option					
34-45	Garmin Traffic GTS 800	O	-	26659-001	9.9	139.0
34-46	Antenna, Monopole	O	-	26656-001	0.2	157.2 4.0
34-47	Antenna, Directional, GA 58	O	-	26659-050	0.8	180.0
34-48	Avidyne TWX Antenna	O	-	S72-1715-1	2.5	191.5
34-48	Transponder Option					

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Weight Balance
Equipment List

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
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	-
95-03	Enhanced Vision System	O	-	25518-001	1.2	161.0

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