

# Kim Davidson Aviation Inc.

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FAA Repair Station # YYKR678L

Registration Number:	N911KJ	Date:	9/19/2019
Make:	Cirrus	Model:	SR22T
		Serial #:	0849

## Aircraft Empty Weight & Center of Gravity

Weight and Balance Data	Weight	Arm	Moment
Previous W&B	2524.00	139.80	353005.00
Articles Removed -	-	-	-
Sky-Tec Starter	-6.50	93.00	-604.50
	0.00	0.00	0.00
	0.00	0.00	0.00
(-Total Articles Removed)	-6.50		-604.50
Articles Installed +	+	+	+
Hartzell Heavy Duty Starter	15.00	93.00	1395.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
(+Total Articles Installed)	15.00		1395.00
Totals	<u>2532.50</u>	<u>139.70</u>	<u>353795.50</u>

Aircraft Gross Weight	3600.00	Pounds
New Empty Weight	2532.50	Pounds
New Empty Weight Center of Gravity	139.70	Inches of Datum
New Useful Load	1067.50	Pounds

Signature *[Handwritten Signature]*

DESCRIPTION  
 HANDLING, SERV  
 & MAINT  
 SUPPLEMENTS

## Delivered Weight Data & Equipment List

### Model SR22T

Serial Number: 0849  
Registration Number: N911KJ  
Basic Empty Weight: 2524 lb  
Total Moment/1000: 353.005  
Center of Gravity: F.S.139.8

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 SR22T 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.

WEIGHT & BALANCE PERFORMANCE DATA  
EMERGENCY

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
<b>21</b>	<b>Air Conditioning</b>					
21-01	Blower Fan Only	O	-	20970-003	7.3	133.0
21-02	Compressor Assembly	O	1	21119-006	15.0	93.1
21-03	Condenser Assembly	O	1	21209-002	17.0	132.8
21-04	Evaporator Assembly	O	1	21114-006	17.5	199.5
<b>22</b>	<b>AutoFlight</b>					
22-02	Garmin Autopilot Controller, GMC 705	S	1	24645-xxx	0.8	126.5
22-03	Altitude Transducer	S	1	12722-002	0.2	112.4
<b>25</b>	<b>Equipment &amp; Furnishings</b>					
25-01	Emergency Locator Transmitter & Batteries (406 MHz)	C	1	17190-101	3.4	229.5
25-02	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	31981-xxx	27.0	149.3
25-03	Rear Seat Installation (Leather: add 0.4 lb each)	C	-	29492-0xx	21.8	180.0
25-04	Rear Seat Restraint	C	-	12491-001	2.3	180.0
25-05	Rear bench seat Installation (Leather: add 0.8 lb)	C	1	31986, 31985, 31983	26.9	183.0
25-06	Rear Seat Restraint 3 point - 2 seat belt	C	-	29405-001	3.3	200.0
25-07	Rear Seat Restraint 3 point - 3 seat belt	C	1	29405-002	5.1	200.0
<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	12546-003	1.3	159.8
27-06	Pitch Trim Cartridge Assy	C	1	15560-002	0.4	310.9
27-07	Pitch Trim Motor Assy	C	1	14832-001	1.3	303.5
27-08	Yaw Servo Installation	C	1	29680-xxx	5.4	236.0
<b>33</b>	<b>Lights</b>					
33-03	Landing Light Installation	S	1	18983-007	1.9	80.0
<b>34</b>	<b>Navigation &amp; Pitot Static</b>					
23-02	Com 1 Antenna	C	1	12740-004	0.5	178.5
23-03	Com 2 Antenna	S	1	12741-002	0.5	204.6
34-01	Garmin 12" Display	O	1	24655-003	9.3	118.5
34-02	Garmin 12" Display	C	1	24655-004	9.3	117.0
34-05	Altimeter	C	1	12102-002	1.1	116.1
34-06	Airspeed Indicator	C	1	13562-xxx	0.7	116.9
34-07	Magnetic Compass	C	1	12451-002	0.3	132.7
34-08	Attitude Gyro	C	1	24668-001	2.2	114.5
34-09	Marker Beacon Antenna	S	1	12743-003	0.6	200.0
34-10	GPS 1 Antenna	C	1	12744-004	0.4	136.2
34-11	GPS 2 Antenna/Iridium Combo Antenna	S	1	29301-001	0.4	200.0
34-12	Transponder Antenna	C	1	12739-001	0.1	105.0
34-13	VOR/LOC Antenna	C	1	12742-001	0.4	331.0
34-16	GMA 350 Audio Panel	O	1	29396-001	1.6	125.8
34-20	GPS/NAV/COM#1 GIA63W	O	1	24662-002	6.3	110.5
34-21	GPS/NAV/COM#2 GIA63W	O	1	24662-002	6.3	111.0
34-22	AIR DATA COMPUTER, GDC 74	O	2	24651-001	2.0	112.5
34-23	AHRS UNIT, GRS 77	O	2	24661-003	3.3	110.0
34-24	CO Detector	O	1	24660-xxx	0.2	104.0
34-25	FMS Keyboard, GCU 478 Controller	O	1	24654-002	1.0	124.0
34-26	ADF Receiver (KR87)	O	-	24659-001	3.2	120.0
34-27	ADF Antenna (KA44B)	O	-	24659-100	4.2	162.0
34-28	DME (KNA61)	O	-	24658-001	2.8	122.0
34-29	DME Antenna (KA61)	O	-	24658-100	0.2	114.5
	<b>Engine Monitoring</b>					

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-31	Rack/Unit Installation, GEA 71 Traffic Option	O	1	24666-001	2.2	111.5
34-36	Avidyne TAS Processor	O	-	71-2420-X-TAS610	6.7	139.0
34-37	Single Blade TAS Antenna	O	-	S72-1750-31L	0.7	157.2
34-38	Twin Blade TAS Antenna	O	-	S72-1750-32L	0.8	180.0
34-40	Garmin Traffic GTS 800	O	1	26659-001	9.9	139.0
34-41	Antenna, Monopole	O	1	26656-001	0.2	180.0
34-42	Antenna, Directional, GA 58 Weather Option	O	1	26659-050	0.8	157.2
34-45	Stormscope Processor	O	-	12745-050	1.7	199.0
34-46	Stormscope Antenna	O	-	12745-070	0.9	191.0
34-42	GSR 56 Iridium Satellite Receiver Transponder Option	O	-	29307-001	4.2	231.1
34-47	GTX 32 Transponder (Mode C)	O	-	24652-001	1.6	230
34-48	GTX 33 Transponder (Mode S)	O	-	24653-001	2.6	230.0
34-49	GTX 33 Transponder w/ ES (Mode S) XM Satellite Options	O	1	24653-002	2.6	230.0
34-50	XM WX/Radio Receiver (Perspective)	O	1	24657-001/-002	2.7	228.0
34-51	XM Radio Remote Control	O	1	24641-001	0.2	149.3
35	Oxygen					
35-01	Bottle Assembly - Empty	O	1	100N0020-4	19.9	262.3
35-02	Full				23.8	265.3
61	Propeller					
61-04	Light Weight Hub Propeller Installation	O	1	15319-xxx	63.2	48.0
61-06	Propeller Governor	C	1	21285-001	3.2	61.7
72	Engine					
72-04	Tanis Engine Pre-heater	O	1	25028-xxx	2.1	61.0
95	Special Equipment					
95-03	Enhanced Vision System	O	1	24737-007	1.2	161.0

DESCRIPTION

HANDLING, SERV  
& MAINT

SUPPLEMENTS