

Kim Davidson Aviation Inc.

2701 Airport Ave.
Santa Monica, CA. 90405

Service: (310) 391-6293

Avionics: (310) 391-0692

Fax: (310) 391-7660



FAA Repair Station # YYKR678L

Registration Number:	N386AM	Date:	4/8/2021
Make:	Cirrus	Model:	SR22T
		Serial #:	0823

Aircraft Empty Weight & Center of Gravity

Weight and Balance Data	Weight	Arm	Moment
Previous W&B	2509.00	139.80	350709.00
Articles Removed -	-	-	-
Sky-Tec Starter	-6.63	93.00	-616.59
	0.00	0.00	0.00
	0.00	0.00	0.00
(-Total Articles Removed)	-6.63		-616.59
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	2517.37	139.62	351487.41

Aircraft Gross Weight	3600.00	Pounds
New Empty Weight	2517.37	Pounds
New Empty Weight Center of Gravity	139.62	Inches of Datum
New Useful Load	1082.63	Pounds

Signature _____

Heavt Duty Starter W&B (4/05)

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
21	Air Conditioning					
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
22	AutoFlight					
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
25	Equipment & Furnishings					
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
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	12546-003	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
33	Lights					
33-03	Landing Light Installation	S	1	18983-007	1.9	80.0
34	Navigation & Pitot Static					
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
	Engine Monitoring					

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-31	Rack/Unit Installation, GEA 71	O	1	24666-001	2.2	111.5
	Traffic Option					
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	O	1	26659-050	0.8	157.2
	Weather Option					
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	O	-	29307-001	4.2	231.1
	Transponder Option					
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)	O	1	24653-002	2.6	230.0
	XM Satellite Options					
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