

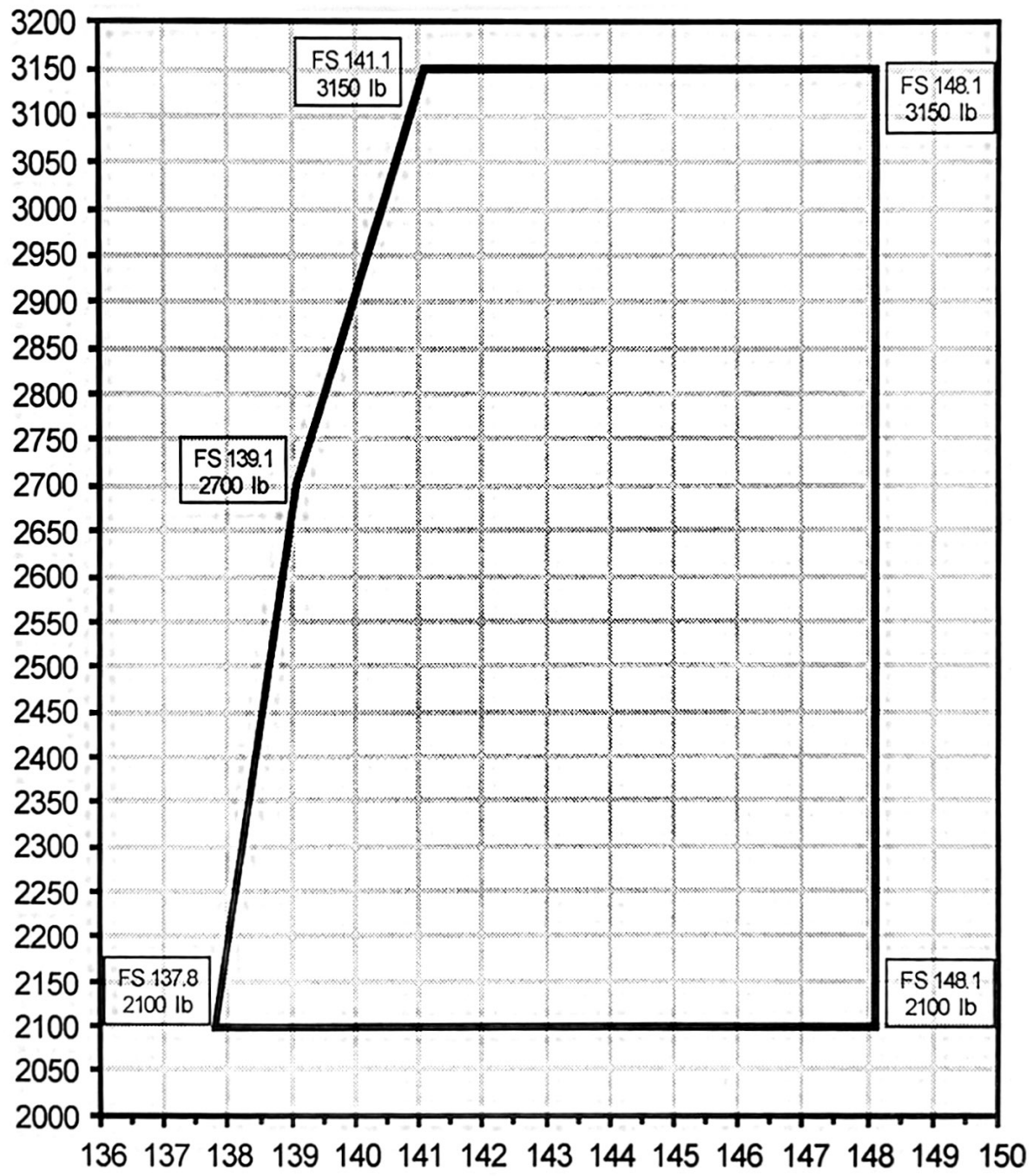
Center of Gravity Limits

Reference Datum 100 inches forward of firewall

Forward Refer to Figure 2-1

Aft Refer to Figure 2-1

Figure 2-1: Center of Gravity Envelope



Delivered Weight Data & Equipment List

Model SR20

Serial Number: 2572
Registration Number: N516ML
Basic Empty Weight: 2170
Total Moment/1000: 310.187
Center of Gravity: 142.94

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 SR20 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	O	-	20970-xxx	7.3	133.0
21-02	Compressor Assembly	O	1	29124-xxx	15.0	93.1
21-03	Condenser Assembly	O	1	21209-xxx	17.0	199.5
21-04	Evaporator Assembly	O	1	21114-xxx	17.5	132.8
22	AutoFlight					
22-01	Garmin Autopilot Controller, GMC 707	O	1	30128-xxx	0.6	126.5
23	Communications					
23-01	GMA350/C Audio Panel	O	1	29396-xxx	1.6	125.8
24	Electrical					
24-01	Convenience System Controller	O	1	36517-xxx	0.7	179.2
25	Equipment & Furnishings					
25-01	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	31981-xxx	27.0	149.3

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
25-02	Rear Seat Installation (Leather: add 0.4 lb each)	C	-	29492-xxx	21.8	180.0
25-03	Rear Seat Restraint	C	-	12491-xxx	2.3	180.0
25-04	Rear bench seat Installation (Leather: add 0.8 lb)	C	1	31986, 31985, 31983	26.9	183.0
25-05	Rear Seat Restraint 3 point - 2 seat belt	C	-	29405-xxx	3.3	200.0
25-06	Rear Seat Restraint 3 point - 3 seat belt	C	1	29405-xxx	5.1	200.0
26	Fire Protection					
26-01	Portable Fire Extinguisher	C	1	12533-xxx	2.5	118.4
34	Navigation & Pitot Static					
34-01	Garmin 10" Display	O	-	36739-xxx	4.5	118.5
34-02	Garmin 10" Display	C	-	36739-xxx	4.5	117.0
34-03	Garmin 12" Display	O	1	36739-xxx	5.8	118.5
34-04	Garmin 12" Display	C	1	36739-xxx	5.8	117.0
34-05	Altimeter	C	-	12102-xxx	1.1	116.1
34-06	Airspeed Indicator	C	-	12105-xxx	0.7	116.9
34-07	Magnetic Compass	C	1	12451-xxx	0.3	132.7
34-08	Marker Beacon Antenna	S	1	12743-xxx	0.6	200.0
34-09	Transponder Antenna	S	1	12739-xxx	0.1	105.0
34-10	GPS/NAV/COM#1 GIA63W/GIA64W	S	1	24662-xxx	6.3	110.5
34-11	GPS/NAV/COM#2 GIA63W/GIA64W	S	1	24662-xxx	6.3	111.0
34-12	ADAHRS GSU 75	O	2	36741-xxx	1.4	112.4
34-13	CO Detector	O	1	24660-xxx	0.2	104.0
34-14	FMS Keyboard, GCU 479 Controller	S	1	36749-xxx	0.6	124.0
34-15	DME (KNA61)	O	-	24658-xxx	2.8	122.0
34-16	DME Antenna (KA61)	O	-	24658-xxx	0.2	114.5
34-17	GPS 1 Antenna	C	1	12744-xxx	0.4	136.2
34-18	GPS 2 Antenna/Iridium Combo Antenna	S	1	29301-xxx	0.4	200.0
34-19	COM 1 Antenna	S	1	12740-xxx	0.5	178.5
34-20	COM 2 Antenna	O	1	12741-xxx	0.5	204.6
34-21	MD302 (Standby Attitude Module)	C	1	30499-xxx	1.5	116.1
	Engine Monitoring					
34-22	Rack/Unit Installation, GEA 71	O	1	24661-xxx	2.2	111.5
	Traffic Option					
34-23	Garmin Traffic GTS 800	O	1	26659-xxx	9.9	139.0
34-24	Antenna, Monopole	O	1	26656-xxx	0.2	180.0
34-25	Antenna, Directional, GA 58	O	1	26659-xxx	0.8	157.2
	Weather Option					
34-26	Stormscope Processor	O	-	12745-xxx	1.7	199.0
34-27	Stormscope Antenna	O	-	12745-xxx	0.9	191.0
34-28	GSR 56 Iridium Satellite Receiver	O	-	29307-xxx	4.2	231.1
	Transponder Option					
34-29	GTX345 Mode S UAT Transponder	O	1	36745-xxx	3.1	121.0
34-30	GTX 335 Mode S w/ES Transponder	O	-	36745-xxx	2.8	121.0
	XM Satellite Options					
34-31	XM WX / Radio Receiver	O	1	24657-xxx	2.7	230.3
61	Propeller					
61-01	Propeller Governor	C	1	15524-xxx	2.9	61.7
61-02	3-Blade Propeller, Metal	C	-	35191-xxx	80.7	51.6
61-03	3-Blade Propeller, Composite	O	1	35191-xxx	51.2	51.6
72	Engine					
72-01	Tanis Engine Pre-heater	O	1	25030-xxx	2.1	61.0
95	Special Equipment					
95-01	Gateway Module	O	1	42064-xxx	3.0	233.3
95-02	Enhanced Vision System	O	-	24737-xxx	1.2	161.0