

Aircraft Weight and Balance

Tail Number:	N928CS	Date:	8/24/2023
Prepared by:	Jeff Pleiman	Work Order No:	
Aircraft Make:	Cirrus	Type Certificate No:	
Model:	SR22T	Serial No:	0636
Registered Owner:	Steel Aviation LLC	Hours:	2009.5 tach
Address:	P.O. Box 10 Phillipsburg, Ohio, 45354		
Maximum Weight	3600.00	CG Range FWD	AFT
As Received; Date of Previous Weight and Balance: Delivered from factory and log entry from DLK 9/24/2021			
Useful Load:	1110.00	EW:	2490.00
EWCG:	139.80	Moment:	348102.00
Notes:			
Items Added or Removed	Weight	Arm	Moment
Wheel Upgrade Kit	-4.80	141.70	-680.16
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
New Moment	347421.84	New Empty Weight CG	139.80
New EW	2485.20	New Useful Load	1114.80
Signature			
Repair Agency or License No:			
Jeff Pleiman A/P I/A 3304319			

Delivered Weight Data & Equipment List

Model SR22T

Serial Number:

0636

Registration Number:

N928CS

Basic Empty Weight:

2490 lb

Total Moment/1000:

348.220

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.

ATA / Item	Description	Sym	Qty	Part Number	U V
21	Air Conditioning				
21-01	Blower Fan Only	O	-	20970-003	7.3
21-02	Compressor Assembly	O	1	21119-006	15
21-03	Condenser Assembly	O	1	21209-002	17
21-04	Evaporator Assembly	O	1	21114-006	17
22	AutoFlight				
22-02	Garmin Autopilot Controller, GMC 705	S	1	24645-xxx	0.8
22-03	Altitude Transducer	S	1	12722-002	0.2
25	Equipment & Furnishings				
25-01	Emergency Locator Transmitter & Batteries (406 MHz)	C	1	17190-101	3.4
25-02	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	29491-0xx	27.0
25-03	Rear Seat Installation (Leather: add 0.4 lb each)	C	-	29492-0xx	21.8
25-04	Rear Seat Restraint	C	-	12491-001	2.3
25-05	Rear bench seat Installation (Leather: add 0.8 lb)	C	1	29429, 29428, 29427	26.9
25-06	Rear Seat Restraint 3 point - 2 seat belt	C	-	29405-001	3.3
25-07	Rear Seat Restraint 3 point - 3 seat belt	C	1	29405-002	5.1
26	Fire Protection				
26-01	Portable Fire Extinguisher	C	1	12533-003	1.5
27	Flight Controls				
27-01	Flap Actuator, Modified	C	1	11787-002	4.4
27-02	Roll Trim Cartridge Assy	C	1	15660-001	0.4
27-03	Roll Trim Motor Assembly	C	1	12546-003	1.3
27-06	Pitch Trim Cartridge Assy	C	1	15560-002	0.4
27-07	Pitch Trim Motor Assy	C	1	14832-001	1.3
27-08	Yaw Trim Cartridge Assy	C	1	11898-002	0.4
33	Lights				
33-01	L/R Strobe/Nav Lights	C	2	17140-005/-006	0.6
33-02	Strobe Power Supply (2)	C	2	14286-002	1.7
33-03	Landing Light Installation	S	1	18983-007	1.9
33-04	Recognition Light Installation	S	2	18957-003/-004	0.4
34	Navigation & Pitot Static				
23-02	Com 1 Antenna	C	1	12740-004	0.5
23-03	Com 2 Antenna	S	1	12741-002	0.5
34-01	Garmin 12" Display	O	1	24655-003	9.3
34-02	Garmin 12" Display	C	1	24655-004	9.3
34-05	Altimeter	C	1	12102-002	1.1
34-06	Airspeed Indicator	C	1	13562-xxx	0.7
34-07	Magnetic Compass	C	1	12451-002	0.3
34-08	Attitude Gyro	C	1	24668-001	2.2
34-09	Marker Beacon Antenna	S	1	12743-003	0.6
34-10	GPS 1 Antenna	C	1	12744-004	0.4
34-11	GPS 2 Antenna/Iridium Combo Antenna	S	1	29301-001	0.4
34-12	Transponder Antenna	C	1	12739-001	0.1
34-13	VOR/LOC Antenna	C	1	12742-001	0.4
34-14	Turn Coordinator, Modified	C	0	11891-001	1.8
34-16	GMA 350 Audio Panel	O	1	29396-001	1.6
34-20	GPS/NAV/COM#1 GIA63W	O	1	24662-002	6.3
34-21	GPS/NAV/COM#2 GIA63W	O	1	24662-002	6.3
34-22	AIR DATA COMPUTER, GDC 74	O	2	24651-001	2.0
34-23	AHRS UNIT, GRS 77	O	2	24661-003	3.3
34-24	CO Detector	O	1	24660-xxx	0.2
34-25	FMS Keyboard, GCU 478 Controller	O	1	24654-002	1.0
34-26	ADF Receiver (KR87)	O	-	24659-001	3.2

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
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					
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	157.2
34-42	Antenna, Directional, GA 58	O	1	26659-050	0.8	180.0
	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	25028-001	2.1	61.0
95	Special Equipment					
95-03	Enhanced Vision System	O	1	24737-007	1.2	161.0

SYSTEMS
DESCRIPTION

HANDLING, SERV
& MAINT

SUPPLEMENTS