

SweetAviation

902 West Ludwig
Fort Wayne, IN 46825

Make: Cirrus

Serial Number: 1369

Model: SR22T

N #: N22P

	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
W&B from 03-03-2017	2512.45	139.92	351549.85
Removed	x	x	x
Installed electric wiring modification SB2X-95-24R1	0.1	116.0	11.6
New weight and balance	2512.55	139.92	351561.45

New Empty Weight: 2512.55
New C.G.: 139.92
New Moment: 351561.45
New Useful Load: 1087.45

Supplemental Equipment List:

Installed: CAPS rocket shelf ground wire assembly, Cirrus kit 70572-001.

It is the responsibility of the pilot and the aircraft owner to insure that the airplane is loaded properly.
Refer to loading graphs and C.G. range and weights graph if applicable to this aircraft.
See aircraft weight and balance data.

Prepared by: Russell Moriarity *[Signature]* **AP 31045 of 1A**

Date: 08/10/2018

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					
22-01	Garmin Autopilot Controller, GMC 705	S	1	24645-xxx	0.8	126.5
22-02	Altitude Transducer	S	1	12722-002	0.2	112.4
23	Communication					
23-01	GDL88 UAT/ADS-B Transceiver	O	1	30156-xxx	3.7	136.0
23-02	GDL88 Antenna	O	1	26656-xxx	0.2	114.5
23-03	Flight Stream 210 Bluetooth Transceiver	O	1	35591-xxx	0.2	232.6
23-04	GMA350 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	Emergency Locator Transmitter & Batteries (406 MHz)	C	1	33940-xxx	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-xxx	2.5	118.4
27	Flight Controls					
27-01	Flap Actuator, Modified	C	1	11787-xxx	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	19946-xxx	1.3	159.8
27-04	Pitch Trim Cartridge Assy	C	1	15560-002	0.4	310.9
27-05	Pitch Trim Motor Assy	C	1	14832-001	1.3	303.5
27-06	Yaw Servo Installation	C	1	29680-xxx	5.4	236.0
33	Lights					
33-01	Landing Light Installation	S	1	18983-007	1.9	80.0
34	Navigation & Pitot Static					
34-01	Com 1 Antenna	C	1	12740-004	0.5	178.5
34-02	Com 2 Antenna	S	1	12741-002	0.5	204.6
34-03	Garmin 12" Display	O	1	24655-003	9.3	118.5
34-04	Garmin 12" Display	C	1	24655-004	9.3	117.0
34-05	Altimeter	C	-	12102-xxx	1.1	116.1
34-06	Airspeed Indicator	C	-	13568-xxx	0.7	116.9
34-07	Magnetic Compass	C	1	12451-002	0.3	132.7
34-08	Attitude Gyro	C	-	24668-xxx	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
34-14	GPS/NAV/COM#1 GIA63W	O	1	24662-002	6.3	110.5
34-15	GPS/NAV/COM#2 GIA63W	O	1	24662-002	6.3	111.0
34-16	AIR DATA COMPUTER, GDC 74	O	2	24651-001	2.0	112.5
34-17	AHRS UNIT, GRS 77	O	2	24661-003	3.3	110.0
34-18	CO Detector	O	1	24660-xxx	0.2	104.0

PERFORMANCE DATA

WEIGHT & BALANCE

EMERGE

ABNORMAL PROCEDURES

NORMAL PROCEDURES

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-19	FMS Keyboard, GCU 478 Controller	O	1	24654-002	1.0	124.0
34-20	ADF Receiver (KR87)	O	-	24659-001	3.2	120.0
34-21	ADF Antenna (KA44B)	O	-	24659-100	4.2	162.0
34-22	DME (KNA61)	O	-	24658-001	2.8	122.0
34-23	DME Antenna (KA61)	O	-	24658-100	0.2	114.5
34-24	MD302 (Standby Attitude Module)	C	1	30499-xxx	1.5	116.1
	Engine Monitoring					
34-25	Rack/Unit Installation, GEA 71	O	1	24666-001	2.2	111.5
	Traffic Option					
34-26	Avidyne TAS Processor	O	-	71-2420-X-TAS610	6.7	139.0
34-27	Single Blade TAS Antenna	O	-	S72-1750-31L	0.7	157.2
34-28	Twin Blade TAS Antenna	O	-	S72-1750-32L	0.8	180.0
34-29	Garmin Traffic GTS 800	O	1	26659-001	9.9	139.0
34-30	Antenna, Monopole	O	1	26656-001	0.2	180.0
34-31	Antenna, Directional, GA 58	O	1	26659-050	0.8	157.2
	Weather Option					
34-32	Stormscope Processor	O	-	12745-050	1.7	199.0
34-33	Stormscope Antenna	O	-	12745-070	0.9	191.0
34-34	GSR 56 Iridium Satellite Receiver	O	1	29307-001	4.2	231.1
	Transponder Option					
34-35	GTX 32 Transponder (Mode C)	O	-	24652-001	1.6	230
34-36	GTX 33 Transponder (Mode S)	O	-	24653-001	2.6	230.0
34-37	GTX 33 Transponder w/ ES (Mode S)	O	1	24653-002	2.6	230.0
	XM Satellite Options					
34-38	XM WX/Radio Receiver (Perspective)	O	1	24657-xxx	2.7	230.3
35	Oxygen					
35-01	Bottle Assembly - Empty	O	1	100N0020-4	19.9	262.3
35-02	Full				23.8	265.3
61	Propeller					
61-01	Light Weight Hub Propeller Installation	O	1	15319-xxx	63.2	48.0
61-02	Propeller Governor	C	1	21285-001	3.2	61.7
72	Engine					
72-01	Tanis Engine Pre-heater	O	1	25028-xxx	2.1	61.0
95	Special Equipment					
95-01	Enhanced Vision System	O	1	24737-010	1.2	161.0