

## Delivered Weight Data & Equipment List

**Model SR22**

**Serial Number:** 2389  
**Registration Number:** N348TD  
**Basic Empty Weight:** 2382 lb  
**Total Moment/1000:** 330.477  
**Center of Gravity:** F.S.138.8 or 11.8 MAC  
**Parachute Canopy Color:** Orange / White

*superceded* *4/15/08* *[Signature]*

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 SR22 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
<b>21</b>	<b>Air Conditioning</b>					
21-01	Blower Fan Only	O	1	20970-001	7.4	142.5
21-02	Compressor	O	-	17557-001	15.0	93.1
21-03	Condenser Assembly	O	-	21209-001	17.0	132.8
21-04	Evaporator Assembly	O	-	21114-002	17.5	199.5
<b>22</b>	<b>AutoFlight</b>					
22-01	Sys 55X Autopilot Prgmmr	S	1	14779-002	3.0	123.3
22-02	Altitude Transducer	S	1	12722-001	0.2	112.4
<b>23</b>	<b>Communications</b>					
23-01	Radios, See 34 – Navigation	-	-	-	-	-
23-02	Com 1 Antenna	C	1	12740-001	0.5	178.5
23-03	Com 2 Antenna	S	1	12741-001	0.5	204.6

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
<b>24</b>	<b>Electrical Power</b>					
24-01	Alternator 1	C	1	646843	12.3	61.8
24-02	Alternator 2	C	1	13565-001	5.7	91.0
24-03	MCU	C	1	19910-001	9.8	98.0
24-04	Volt / Ammeter	C	1	11240-001	0.8	119.7
24-05	Battery 1	C	1	50366-001	28.0	96.0
24-06	Battery 2	C	1	50979-011	11.5	230.0
<b>25</b>	<b>Equipment &amp; Furnishings</b>					
25-01	Emergency Locator Transmitter & Batteries	C	1	20220-001	3.6	228.8
25-02	Fwd Seat & Restraint Inst. (Leather: add 0.4 lb each)	C	2	20907-003/-004	27.0	149.3
25-03	Rear Seat Installation (Leather: add 0.4 lb each)	C	2	12053-002	21.8	185.0
25-04	Rear Seat Restraint	C	2	12491-001	2.3	185.0
<b>26</b>	<b>Fire Protection</b>					
26-01	Portable Fire Extinguisher	C	1	12533-003	1.5	137.6
<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	12546-001	1.3	159.8
27-04	Pitch Trim Cartridge Assy	C	1	15560-002	0.4	310.9
27-05	Pitch Tim Motor Assy	C	1	11794-004	1.3	303.5
27-06	Yaw Trim Cartridge Assy	C	1	11898-002	0.4	106.2
<b>28</b>	<b>Fuel</b>					
28-01	Fuel Quantity Indicator	C	1	13557-001	0.8	138.0
28-02	Fuel Selector Valve	C	1	11627-001	1.8	140.8
28-03	Gascolator	C	1	14069-001	1.0	98.5
28-04	Fuel Cap Assy	S	2	10052-001	0.3	152.3
28-05	Fuel Level Sender (OTBD)	C	2	13467-001/-002	0.3	157.8
28-06	Fuel Level Sender (INBD)	C	2	13467-003/-004	0.3	157.8
<b>30</b>	<b>Ice &amp; Rain Protection</b>					
30-01	Propeller Slinger Ring	O	1	15321-001	1.5	55.0
30-02	De-Icing Fluid Reservoir	O	1	15269-002	4.2	181.0

SYSTEMS  
DESCRIPTION

HANDLING, SERV  
& MAINT

SUPPLEMENTS

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
30-03	Metering Pump	O	1	15165-013	4.5	176.0
<b>31</b>	<b>Indicating &amp; Recording</b>					
31-01	Annunciator Panel	C	1	15262-001	0.3	117.2
31-02	Hourmeter	S	1	12135-001	0.1	142.3
<b>32</b>	<b>Landing Gear</b>					
32-01	Main Landing Gear Installation	C	2	13287-003/004	34.0	157.5
32-02	Main Landing Gear Fairing Installation	S	2	13420-002	12.5	157.5
32-05	Brake Assembly	C	2	13399-103	3.2	157.5
32-06	Main Wheels	C	2	13399-101	6.3	157.5
32-07	Main Tire	C	2	14075-004	6.3	157.5
32-08	Main Tube	C	2	14076-004	1.0	157.5
32-09	Nose Landing Gear Installation	C	1	13388-002	35.0	86.0
32-10	Nose Wheel	C	1	12798-001	4.5	70.0
32-11	Nose Tire 5.00 x 5	C	1	14075-001	4.3	70.0
32-12	Nose Tire Tube	C	1	14076-001	1.0	70.0
32-13	Nose Gear Fairing & Pant	S	1	15567-001	0.9	78.0
32-14	Brake Master Cylinder	C	4	14269-001	0.6	104.5
32-15	Brake Fluid Reservoir	C	1	12006-001	0.4	98.1
<b>33</b>	<b>Lights</b>					
33-01	L/R Strobe/Nav Lights	C	2	50626-001/-002	0.6	158.0
33-02	Strobe Power Supply (2)	C	2	50625-001	1.7	158.0
33-03	Landing Light Installation	S	1	20248-004	1.9	80.0
<b>34</b>	<b>Navigation &amp; Pitot Static</b>					
34-01	Avidyne FlightMax MFD	O	1	14751-001	6.4	121.8
34-02	Avidyne FlightMax PFD	O	1	15222-001	12.0	115.5
34-03	Altimeter	C	1	12102-001	1.1	116.1
34-04	TAS Indicator	C	1	13568-002	0.7	116.9
34-05	Magnetic Compass	C	1	12451-002	0.3	132.7
34-06	Attitude Gyro	C	1	13459-002	2.2	114.5
34-07	Marker Beacon Antenna	S	1	12743-001	0.6	200.0
34-08	GPS 1 Antenna	C	1	<del>12744-001</del>	<del>0.4</del>	<del>136.2</del>
34-09	GPS 2 Antenna	S	1	<del>12744-001</del>	<del>0.4</del>	<del>110.3</del>
34-10	Transponder Antenna	C	1	12739-001	0.1	105.0
34-11	VOR/LOC Antenna	C	1	12742-001	0.4	331.0
34-12	Turn Coordinator, Modified	C	1	11891-001	1.8	118.0
34-13	<del>OMA 340 Audio Panel</del> Amy 240	S	1	12717-050	1.5	121.5

Both GNS-430W NAV/COM/GPS Systems were configured I.A.W. Cirrus Design Corp. Service Bulletin # 2X-34-24 R1.

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
34-14	GNS 420 (GPS/COM/NAV)	O	-	12718-004	5.0	121.0
34-15	<del>GNS 430</del> (GPS/COM/NAV) <i>IFD 550</i>	C	1	12718-051	5.0	121.0
34-16	<del>GNS 430</del> (GPS/COM/NAV) <i>IFD 440</i>	O	1	12718-051	5.0	122.4
	<b>EMax Engine Monitoring</b>					
34-17	• Data Acquisition Unit	O	1	16692-001	2.0	118.0
34-18	• Monitor Cabin Harness	O	1	16695-005	2.0	108.0
	<b>Sky Watch Option</b>					
34-19	• Sky Watch Inverter	O	1	14484-001	0.5	118.0
34-20	• Sky Watch Antenna nstl	O	1	14480-001	2.3	150.5
34-21	<del>• Sky Watch Track Box</del>	O	1	14477-050	<del>40.0</del>	140.0
	<b>Stormscope Option</b>					
34-22	• Processor	O	1	12745-050	1.7	199.0
34-23	• Antenna	O	1	12745-070	0.9	191.0
	<b>Transponder Option</b>					
34-24	• Mode A/C Transponder <i>NGT9000K</i>	C	1	13587-001	<del>4.0</del>	124.9
34-25	• Mode S Transponder	O	-	15966-050	2.6	121.0
	<b>TAWS Option</b>					
34-26	• KGP 560 Processor	O	1	15963-001	1.3	117.0
	<b>XM Satellite Options</b>					
34-27	• XM WX / Radio Receiver	O	1	16121-001	1.7	114.0
34-28	• XM Radio Remote Control	O	1	16665-501	0.2	149.3
<b>35</b>	<b>Oxygen</b>					
35-01	Bottle Assembly - Empty	O	-	100N0020-4	17.4	262.3
	Full				23.8	265.3
<b>61</b>	<b>Propeller</b>					
61-01	Hartzell Propeller Installation	C	1	15319-00X	79.8	48.0
61-02	Hartzell Composite Propeller Installation	O	-	18974-001	67.2	48.0
61-02	McCauley Propeller Installation	O	-	15825-00X	78.0	50.0
61-03	Propeller Governor	C	1	15524-001	3.2	61.7
<b>71</b>	<b>Power Plant</b>					
71-01	Upper Cowl	C	1	20181-003	10.5	78.4
71-02	Lower Cowl LH	C	1	20182-005	5.4	78.4
71-03	Lower Cowl RH	C	1	20439-005	5.4	78.4
71-03	Engine Baffling Installation	C	1	15460-001	10.7	78.4
<b>72</b>	<b>Engine</b>					
72-01	Engine	C	1	IO550N27B	414.5	76.5

DESCRIPTION

QUANTITY

WEIGHT

MOMENT

Both GNS-430W NAV/COM/GPS Systems were configured I.A.W. Cirrus Design Corp. Service Bulletin # 2X-34-24 R1.

ATA / Item	Description	Sym	Qty	Part Number	Unit Wt	Arm
72-02	Engine Mount Assembly	C	1	15546-003	22.0	76.5
72-03	Induction Filter	C	1	50207-001	0.4	62.9
72-04	Reiff Heater	O	-	L-6	1.9	76.0
<b>73</b>	<b>Engine Fuel</b>					
73-01	Engine Driven Fuel Pump	C	1	655921-1A5	3.2	93.7
73-02	Electric Fuel Pump Assy.	C	1	11839-001	2.3	97.7
73-03	Fuel Pressure Switch Assy.	C	1	13598-001	0.4	67.8
<b>74</b>	<b>Engine Ignition</b>					
74-01	Spark Plugs	C	12	RHB32E	0.3	78.4
74-02	Magnetos (L & R)	C	2	10-500556-1	11.5	74.5
74-03	Ignition Switch Installation	C	1	11915-003	0.5	123.0
<b>78</b>	<b>Engine Exhaust</b>					
78-01	Heater Muffler	S	1	14837-001	7.2	87.0
78-02	LH Muffler	S	1	14836-001	2.8	86.0
78-03	Tailpipe	S	2	20516-001	2.9	99.0
<b>79</b>	<b>Oil</b>					
79-01	Engine Oil Cooler	S	1	10281A	7.8	90.0
79-02	Oil Filter	S	1	CH48108	1.5	93.4
<b>80</b>	<b>Starting</b>					
80-01	24-volt Starter	S	1	ES-646275-1	15.0	93.0
<b>81</b>	<b>Turbines-SA10588SC &amp; SE10589SC</b>					
81-01	LH Turbocharger	C	-	ETI-SR22-2000	15.0	84.0
81-02	RH Turbocharger	C	-	ETI-SR22-1300	15.0	84.0
81-03	LH Intercooler	C	-	ETI-G2-500-1	5.0	83.0
81-04	RH Intercooler	C	-	ETI-G2-500-2	5.0	83.0
81-05	Lower Cowl Modification	C	-	NA	0.8	81.0
81-06	Air Filter Box and Retainer	C	-	NA	1.5	63.0
<b>95</b>	<b>Special Equipment</b>					
95-01	Packed Parachute (CAPS)	C	1	20331-001	54.0	235.5
95-02	Airplane Flight Manual	C	1	13772-001	1.2	-

## WEIGHT & BALANCE

DATE	5/8/20		OLD	NEW
MAKE			Cirrus	
MODEL			SR22	
N NUMBER			N348CD	
S/N			2389	
BASIC EMPTY WEIGHT			2375.65	2371.31
TOTAL MOMENT /1000			330200.82	330194.398
CENTER OF GRAITY F.S.			138.993884	139.245564
PARACHUTE CANOPY COLOR			OR/WHITE	

GROSS TAKE OFF WEIGHT LBS	3400		3400
USFUEL LOAD	1024.35		1028.69

MODIFICATION	LBS	ARM IN"	MOM/1000	BASIC EMPTY WEIGHT LBS
OUT GMA 340	1.5	121.5	0.18225	
OUT GNS 430	5	122.4	127.4	
OUT GNS 430	5	121	126	
OUT GTX 327	1.6	124.9	126.5	
OUT 55X	3	123.3	126.3	
OUT SKY 497	8.94	140	148.94	
IN AMX 240	2.1	121.5	123.6	
IN IFD 550	7.15	122.4	129.55	
IN IFD 440	5.15	121	126.15	
IN DFC90	2.1	123.3	125.4	
IN NGT9000R	4.2	140	144.2	

TOTAL		2371.31		330194.398
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A&P

