

Delivered Weight Data & Equipment List

Model SR22

| | |
|--------------------------------|------------------------------|
| Serial Number: | 1511 |
| Registration Number: | N134AJ |
| Basic Empty Weight: | 2339 lb |
| Total Moment/1000: | 325.078 |
| Center of Gravity: | F.S.139.0 or 12.4 MAC |
| Parachute Canopy Color: | Orange / White |

REVISED
7/29/06

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 |
|------------|--------------------------|-----|-----|-------------|---------|-------|
| 22 | AutoFlight | | | | | |
| 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 |

| ATA / Item | Description | Sym | Qty | Part Number | Unit Wt | Arm |
|------------|---|-----|-----|----------------|---------|-------|
| 24 | Electrical Power | | | | | |
| 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 | 14600-002 | 7.5 | 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 |
| 25 | Equipment & Furnishings | | | | | |
| 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 | 13499-001 | 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 |
| 26 | Fire Protection | | | | | |
| 26-01 | Portable Fire Extinguisher | C | 1 | 12533-003 | 1.5 | 137.6 |
| 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 | 12546-001 | 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 | 11794-004 | 1.3 | 303.5 |
| 27-06 | Yaw Trim Cartridge Assy | C | 1 | 11898-002 | 0.4 | 106.2 |
| 28 | Fuel | | | | | |
| 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 |

| ATA / Item | Description | Sym | Qty | Part Number | Unit Wt | Arm |
|------------|--|-----|-----|----------------|---------|-------|
| 30 | Ice & Rain Protection | | | | | |
| 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 |
| 30-03 | Metering Pump | O | 1 | 15165-013 | 4.5 | 176.0 |
| 31 | Indicating & Recording | | | | | |
| 31-01 | Annunciator Panel | C | 1 | 15262-001 | 0.3 | 117.2 |
| 31-02 | Hourmeter | S | 1 | 12135-001 | 0.1 | 142.3 |
| 32 | Landing Gear | | | | | |
| 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 |
| 33 | Lights | | | | | |
| 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 |
| 34 | Navigation & Pitot Static | | | | | |
| 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 |

Weight Balance change recalculated. Equipment list revised.

| ATA / Item | Description | Sym | Qty | Part Number | Unit Wt | Arm |
|------------|---|--------------|-----|-------------|---------|-------|
| 34-08 | GPS 1 Antenna | C | 1 | 12744-001 | 0.4 | 136.2 |
| 34-09 | GPS 2 Antenna | S | 1 | 12744-001 | 0.4 | 110.3 |
| 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 | GMA 340 Audio Panel | S | 1 | 12717-050 | 1.5 | 121.5 |
| 34-14 | GNS 420 (GPS/COM/NAV) | O | - | 12718-004 | 5.0 | 121.0 |
| 34-15 | GNS 430 (GPS/COM/NAV) | C | 1 | 12718-051 | 5.0 | 121.0 |
| 34-16 | GNS 430 (GPS/COM/NAV) | O | 1 | 12718-051 | 5.0 | 122.4 |
| | Engine Monitoring Option | | | | | |
| 34-17 | • Monitor Sensor Unit | O | 1 | 14843-001 | 1.1 | 118.0 |
| 34-18 | • Monitor Harness | O | 1 | 15030-001 | 0.9 | 92.0 |
| 34-19 | • Monitor Cabin Harness | O | 1 | 15032-001 | 2.0 | 108.0 |
| | Sky Watch Option | | | | | |
| 34-20 | • Sky Watch Inverter | O | 1 | 14484-001 | 0.5 | 118.0 |
| 34-21 | • Sky Watch Antenna nstl | O | 1 | 14480-001 | 2.3 | 150.5 |
| 34-22 | • Sky Watch Track Box | O | 1 | 14477-050 | 10.0 | 140.0 |
| | Stormscope Option | | | | | |
| 34-23 | • Processor | O | 1 | 12745-050 | 1.7 | 199.0 |
| 34-24 | • Antenna | O | 1 | 12745-070 | 0.9 | 191.0 |
| | Transponder Option | | | | | |
| 34-25 | • Mode A/C Transponder <i>REMOVED 7-29-06</i> | C | 1 | 13587-001 | 1.6 | 124.9 |
| 34-26 | • Mode S Transponder | C | - | 15966-050 | 2.6 | 121.0 |
| | TAWS Option | | | | | |
| 34-27 | • KGP 560 Processor | O | 1 | 15963-001 | 1.3 | 117.0 |
| | XM Weather Option | | | | | |
| 34-28 | • XM Weather Receiver | O | 1 | 16121-001 | 1.7 | 114.0 |
| 61 | Propeller | | | | | |
| 61-01 | Hartzell Propeller Installation | C | 1 | 15319-00X | 79.8 | 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 |
| 71 | Power Plant | | | | | |
| 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 | 2 | 20439-005 | 5.4 | 78.4 |
| 71-03 | Engine Baffling Installation | C | 1 | 15460-001 | 10.7 | 78.4 |

| ATA / Item | Description | Sym | Qty | Part Number | Unit Wt | Arm |
|------------|------------------------------|-----|-----|-------------|---------|-------|
| 72 | Engine | | | | | |
| 72-01 | Engine | C | 1 | IO550N27B | 414.5 | 76.5 |
| 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 |
| 73 | Engine Fuel | | | | | |
| 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 |
| 74 | Engine Ignition | | | | | |
| 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 |
| 77 | Engine Indicating | | | | | |
| 77-01 | Tachometer | C | 1 | 13559-001 | 0.5 | 118.7 |
| 77-02 | EGT/CHT Gage | C | - | 12616-001 | 0.5 | 119.0 |
| 77-03 | Man Press/Fuel Flow Gage | C | 1 | 13558-001 | 0.5 | 118.8 |
| 77-04 | Oil Temp / Pressure Gage | C | 1 | 12619-001 | 0.5 | 119.2 |
| 78 | Engine Exhaust | | | | | |
| 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 |
| 79 | Oil | | | | | |
| 79-01 | Engine Oil Cooler | S | 1 | 10281A | 7.8 | 90.0 |
| 79-02 | Oil Filter | S | 1 | CH48108 | 1.5 | 93.4 |
| 80 | Starting | | | | | |
| 80-01 | 24-volt Starter | S | 1 | ES-646275-1 | 15.0 | 93.0 |
| 95 | Special Equipment | | | | | |
| 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 and Balance change recalculated. Equipment list revised.

EQUIPMENT CHANGE - WEIGHT & BALANCE

| REG. NO. | MODEL | Serial No. | |
|---------------------------------------|------------------|---------------|------------------------|
| N134AJ | SR-22 | 1511 | |
| Items: (Description / P/N / S/N) | Weight Pounds | Arm Inches | Moments Inch/Pounds |
| Previous Aircraft Empty Weight: | 2340.1 | 138.97 | 325199.01 |
| COMPLETED SB 2X-32-13R1 KIT 70123-001 | 1.8 | 157.5 | 283.5 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| | | | 0 |
| Totals | 2341.9 | | 325482.51 |

- A. Old Empty Weight 2340.1 Pounds
- B. Old Empty CG 138.97 Inches
- C. Old Empty Weight CG Moment 325199 Inch/Pounds
- D. Max Gross Weight 3400 Pounds
- E. Old Useful Load 1059.9 Pounds

- A. New Empty Weight 2341.9 Pounds
- B. New Empty CG 138.9822 Inches
- C. New Empty Weight CG Moment 325482.5 Inch/Pounds
- D. Max Gross Weight 3400 Pounds
- E. New Useful Load 1058.1 Pounds

This new weight & balance information superseads all previous weight and balance data.
 For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed? Y N
 Equipment List Amended? YES N

By: DOUGLAS DUNCAN A&P IA 237089496 Date: 5/16/2007
 Notes: SUPERCEDES 7-29-06