

Delivered Weight Data  
& Equipment List

|                         |                         |                     |
|-------------------------|-------------------------|---------------------|
| Model                   | Serial Number           | Registration Number |
| SR22                    | 0211                    | N555FK              |
| Basic Empty Weight:     | 2270 lb                 |                     |
| Total Moment/1000:      | 317.008                 |                     |
| Center of Gravity:      | F.S. 139.6 / 13.7 % MAC |                     |
| Parachute Canopy Color: | Orange / White          |                     |

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.

Equipment is listed in columnar format as follows:

|             |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>22</b>  | <b>AutoFlight</b>                                                            | -   | -   | -           | -       | -     |
| 22-01      | Sys 55X Autopilot Prgrmmr                                                    | S   | 1   | 13560-001   | 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 |
| <b>24</b>  | <b>Electrical Power</b>                                                      | -   | -   | -           | -       | -     |
| 24-01      | Alternator 1                                                                 | C   | 1   | 646845      | 12.3    | 61.8  |
| 24-02      | Alternator 2                                                                 | C   | 1   | 13565-001   | 5.7     | 91.0  |
| 24-03      | MCU                                                                          | C   | 1   | 13470-001   | 7.5     | 98.0  |
| 24-04      | Volt / Ammeter                                                               | C   | 1   | 12618-001   | 0.8     | 119.7 |
| 24-05      | Battery 1                                                                    | C   | 1   | 50366-001   | 28.0    | 96.0  |
| 24-06      | Battery 2                                                                    | C   | 1   | 50979-001   | 11.5    | 230.0 |
| <b>25</b>  | <b>Equipment &amp; Furnishings</b>                                           | -   | -   | -           | -       | -     |
| 25-01      | Emergency Locator Transmitter & Batteries                                    | C   | 1   | 12756-001   | 3.6     | 228.8 |
| 25-02      | Fwd Seat & Restraint Inst.<br>(Std – add 0.4 lb each for leather upholstery) | C   | 2   | 13499-001   | 27.0    | 149.3 |
| 25-03      | Rear Seat Installation<br>(Std – add 0.4 lb each for leather upholstery)     | C   | 2   | 12053-002   | 21.8    | 185.0 |
| 25-04      | Rear Seat Restraint                                                          | C   | 2   | 12553-003   | 2.3     | 185.0 |
| <b>26</b>  | <b>Fire Protection</b>                                                       | -   | -   | -           | -       | -     |
| 26-01      | Portable Fire Extinguisher                                                   | C   | 1   | 12533-001   | 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   | 10780-004   | 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   | 10680-004   | 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   | 11898-001   | 0.4     | 106.2 |

**Weight & Balance  
Equipment List**

**Cirrus Design  
SR22, S/N 0211**

| ATA/<br>Item | Description                       | Sym | Qty | Part Number    | Unit<br>Wt | Arm   |
|--------------|-----------------------------------|-----|-----|----------------|------------|-------|
| <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>29</b>    | <b>Ice &amp; Rain Protection</b>  | -   | -   | -              | -          | -     |
| <b>31</b>    | <b>Indicating &amp; Recording</b> | -   | -   | -              | -          | -     |
| 31-01        | Annunciator Panel                 | C   | 1   | 11837-003      | 0.3        | 117.2 |
| 31-02        | Hourmeter                         | S   | 1   | 50485-001      | 0.1        | 142.3 |
| <b>32</b>    | <b>Landing Gear</b>               | -   | -   | -              | -          | -     |
| 32-01        | Main Gear Assembly                | C   | 2   | 13877-001/-002 | 34.0       | 157.5 |
| 32-02        | Main Gear Strut Fair Upper        | S   | 2   | 13397-001/-002 | 4.1        | 157.5 |
| 32-03        | Main Gear Strut Fair Lower        | S   | 2   | 13443-001/-002 | 4.2        | 157.5 |
| 32-04        | Main Gear Fairing Wheel           | S   | 2   | 14196-001/-002 | 4.2        | 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   | 14075-002      | 6.3        | 157.5 |
| 32-08        | Main Tube                         | C   | 2   | 14076-002      | 1.0        | 157.5 |
| 32-09        | Nose Gear Assembly                | C   | 1   | 14082-001      | 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   | 14291-101      | 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                     | S   | 1   | 12580-001      | 1.9        | 80.0  |

**P/N 13772-EL 0211**

**02 May 2002**

| ATA / Item | Description                            | Sym | Qty | Part Number   | Unit Wt | Arm   |
|------------|----------------------------------------|-----|-----|---------------|---------|-------|
| <b>34</b>  | <b>Navigation &amp; Pitot Static</b>   | -   | -   | -             | -       | -     |
| 34-01      | Altimeter                              | C   | 1   | 12102-001     | 1.1     | 116.1 |
| 34-02      | TAS Indicator                          | C   | 1   | 13568-001     | 0.7     | 116.9 |
| 34-03      | Vertical Speed Indicator               | S   | 1   | 12103-001     | 0.7     | 116.6 |
| 34-04      | Magnetic Compass                       | C   | 1   | 12451-001     | 0.3     | 132.7 |
| 34-05      | Attitude Gyro                          | C   | 1   | 13468-001     | 2.2     | 114.5 |
| 34-06      | Clock & OAT Sensor                     | C   | 1   | 50352-001     | 0.3     | 117.4 |
| 34-07      | OAT Sensor (part of Clock)             | S   | 1   | 50352-001     | 0.1     | 103.0 |
| 34-08      | ARNAV ICDS-2000 Display                | O   | -   | 12755-001     | 8.8     | 121.8 |
| 34-09      | Avidyne FlightMax MFD                  | O   | 1   | 700-00004-XXX | 6.4     | 121.8 |
| 34-10      | Avidyne Adapter Plate                  | O   | -   | -             | 0.4     | 123.2 |
| 34-11      | Marker Beacon Antenna                  | S   | 1   | 12743-001     | 0.6     | 200.0 |
| 34-12      | GPS 1 Antenna                          | C   | 1   | 12744-001     | 0.4     | 136.2 |
| 34-13      | GPS 2 Antenna                          | S   | 1   | 12744-001     | 0.4     | 110.3 |
| 34-14      | Transponder Antenna                    | C   | 1   | 12739-001     | 0.1     | 105.0 |
| 34-15      | VOR/LOC Antenna                        | C   | 1   | 12742-001     | 0.4     | 331.0 |
| 34-16      | WX500 Processor                        | O   | -   | 12745-050     | 1.7     | 199.0 |
| 34-17      | Stormscope Antenna                     | O   | -   | 12745-070     | .9      | 191.0 |
| 34-18      | GMA 340 Audio Panel                    | S   | 1   | 12717-050     | 1.5     | 121.5 |
| 34-19      | GNS 430 (GPS/COM/NAV)                  | C   | 1   | 12718-051     | 5.0     | 121.0 |
| 34-20      | GNS 430 (GPS/COM/NAV)                  | S   | 1   | 12718-051     | 5.0     | 122.4 |
| 34-21      | GTX 327 Transponder                    | C   | 1   | 13587-001     | 1.6     | 124.9 |
| 34-22      | Turn Coordinator, Modified             | C   | 1   | 11891-001     | 1.8     | 118.0 |
| 34-23      | VOR/LOC./ILS/GS Indicator              | S   | 1   | 12723-152     | 1.3     | 116.6 |
| 34-24      | HSI (NSD 1000, Elec Gyro)              | O   | -   | 12734-151     | 4.6     | 114.1 |
| 34-25      | Gyro Slaving Amplifier                 | S   | 1   | 12734-111     | 0.5     | 135.0 |
| 34-26      | Flux Detector                          | S   | 1   | 12734-121     | 0.4     | 151.0 |
| 34-27      | Gyro Slaving Amplifier<br>(Stormscope) | O   | -   | 12734-112     | 1.8     | 135.0 |
| 34-28      | Remote Gyro, HSI                       | O   | 1   | 14357-001     | 4.9     | 181.0 |
| 34-29      | HSI (SN3308) SANDEL                    | O   | 1   | 14356-001     | 3.6     | 114.1 |
| 34-30      | Sky Watch Inverter                     | O   | -   | 14484-001     | 0.5     | 118.0 |
| 34-31      | Sky Watch Antenna nstl                 | O   | -   | 14477-001     | 2.3     | 150.5 |
| 34-32      | Sky Watch Track Box                    | O   | -   | 14477-050     | 10.0    | 140.0 |

| ATA /<br>Item | Description                | Sym | Qty | Part Number | Unit<br>Wt | Arm   |
|---------------|----------------------------|-----|-----|-------------|------------|-------|
| 61            | <b>Propeller</b>           | -   | -   | -           | -          | -     |
| 61-01         | 3-Blade Propeller Instl    | C   | 1   | 13599-001   | 79.0       | 50.3  |
| 61-02         | • 3-Blade Prop/Hub Assy    | C   | 1   | 14070-001   | 76.2       | 50.3  |
| 61-03         | • 3-Blade Spinner          | C   | 1   | 13978-001   | 2.8        | 50.3  |
| 61-04         | Propeller Governor         | C   | 1   | 13214-001   | 3.2        | 61.7  |
| 71            | <b>Power Plant</b>         | -   | -   | -           | -          | -     |
| 71-01         | Upper Cowl                 | C   | 1   | 10842-004   | 10.5       | 78.4  |
| 71-02         | Lower Cowl Right Side      | C   | 1   | 14156-001   | 5.4        | 78.4  |
| 71-03         | Lower Cowl Left Side       | C   | 1   | 14157-001   | 5.4        | 78.4  |
| 71-04         | Engine Baffling            | C   | 1   | 13765-001   | 10.7       | 78.4  |
| 72            | <b>Engine</b>              | -   | -   | -           | -          | -     |
| 72-01         | Engine Installation        | C   | 1   | 13600-001   | 414.5      | 76.5  |
| 72-02         | Induction Filter           | C   | 1   | BA-111      | 0.4        | 85.3  |
| 73            | <b>Engine Fuel</b>         | -   | -   | -           | -          | -     |
| 73-01         | Engine Driven Fuel Pump    | C   | 1   | 634530M     | 3.2        | 61.9  |
| 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            | <b>Engine Ignition</b>     | -   | -   | -           | -          | -     |
| 74-01         | Spark Plugs                | C   | 12  | RHB32E      | .25        | 78.4  |
| 74-02         | Magnetos (L & R)           | C   | 2   | 10-500556-1 | 11.5       | 74.5  |
| 74-03         | Ignition Switch            | C   | 1   | 50314-001   | 0.5        | 123.0 |
| 77            | <b>Engine Indicating</b>   | -   | -   | -           | -          | -     |
| 77-01         | Tachometer                 | C   | 1   | 13559-001   | 0.5        | 118.7 |
| 77-02         | EGT/CHT Gage               | C   | 1   | 12616-001   | 0.5        | 119.0 |
| 77-03         | CHT Sensor                 | C   | 1   | 12637-001   | 0.1        | 77.9  |
| 77-04         | EGT Sensor Modified        | C   | 1   | 12692-001   | 0.1        | 63.8  |
| 77-05         | Man Press/Fuel Flow Gage   | C   | 1   | 13558-001   | 0.5        | 118.8 |
| 77-06         | MAP Sensor Assy            | C   | 1   | 14251-001   | 0.3        | 76.8  |
| 77-07         | Fuel Flow Sensor Assy      | C   | 1   | 13916-001   | 0.3        | 83.9  |
| 77-08         | Oil Temp / Pressure Gage   | C   | 1   | 12619-001   | 0.5        | 119.2 |
| 77-09         | Oil Pressure Sensor Assy   | C   | 1   | 11825-001   | 0.2        | 86.0  |
| 77-10         | Oil Temperature Sensor     | C   | 1   | 12634-001   | 0.3        | 75.9  |

Cirrus Design  
SR22, S/N 0211

Weight & Balance  
Equipment List

| ATA / Item | Description             | Sym | Qty | Part Number | Unit Wt | Arm   |
|------------|-------------------------|-----|-----|-------------|---------|-------|
| 78         | Engine Exhaust          | -   | -   | -           | -       | -     |
| 78-01      | Muffler                 | S   | 1   | 14050-002   | 6.2     | 75.0  |
| 78-02      | Tailpipe                | S   | 1   | 13529-001   | 2.0     | 100.0 |
| 79         | Oil                     | -   | -   | -           | -       | -     |
| 79-01      | Engine Oil Cooler       | S   | 1   | 10281A      | 7.8     | 86.5  |
| 79-02      | Oil Filter              | S   | 1   | CH48108     | 1.5     | 78.4  |
| 80         | Starting                | -   | -   | -           | -       | -     |
| 80-01      | 24-volt Starter         | S   | 1   | 11.130.961  | 17.75   | 85.0  |
| 95         | Special Equipment       | -   | -   | -           | -       | -     |
| 95-01      | Packed Parachute (CAPS) | C   | 1   | 14242-001   | 54.0    | 235.5 |
| 95-02      | Airplane Flight Manual  | C   | 1   | 13772-001   | 1.2     | -     |

P/N 13772-EL 0211

02 May 2002

-375

124.9

3.0

124.9

124.9

MODEL

K/T



Amended Weight And balance with Equipment List Changes For N555FK

Registered Owner:

KOENIG FRANKLIN R  
 1944 TASSO ST  
 PALO ALTO CA 94301-4041

L.A.C. Avionics Inc.  
 1250 Aviation Ave. Suite 110  
 San Jose Ca. 95110  
 Located At Atlantic San Jose  
 FAA Repair Station # FM4R185M

Manufacturer CIRRUS DESIGN CORP  
 Model SR22  
 Serial # 0211  
 Registration N555FK

Work order # 19543  
 Date 07/20/18

Previous Weight And Balance

Date 07/01/06  
 Weight 2282.2  
 C.G. 139.23  
 Moment 317741

New Weight And Balance

Date 07/20/18  
 Weight 2282.7  
 C.G. 139.22  
 Moment 317798

Net Change

+ 0.5  
 -0.01

Listing Of Items Removed Or Installed

| R/I | MODEL              | MAKE   | FUNCTION            | WEIGHT | ARM   | MOMENT |
|-----|--------------------|--------|---------------------|--------|-------|--------|
| R   | GTX 327            | GARMIN | TXP,ATCRBS          | -3.0   | 124.9 | -375   |
|     | SERIAL # 83709157  |        | PART # 011-00490-00 |        |       |        |
| I   | GTX 345            | GARMIN | TXP,MODE S          | 3.1    | 124.0 | 384    |
|     | SERIAL # 3EG021929 |        | PART # 011-03302-00 |        |       |        |
| I   | GAE 12             | GARMIN | ENCODER             | 0.1    | 119.0 | 12     |
|     | SERIAL # 3T6005769 |        | PART # 011-03080-01 |        |       |        |
| I   | FS 210             | GARMIN | FLIGHTSREA          | 0.3    | 120.0 | 36     |
|     | SERIAL # 3RE007215 |        | PART # 011-03257-40 |        |       |        |

-----NOTHING FOLLOWS-----

## WEIGHT AND BALANCE REVISION

Diamond Aviation  
620 Airport Rd., Ste 1  
San Carlos, CA 94070  
(650) 591-0503  
diamondmx@sbcglobal.net

MAKE: CIRRUS

**MODEL: SR-22**

SERIAL# : 0211

REGISTRATION: N555FK

### EQUIPMENT CHANGE

## Computing New C.G.

| Computing New C.G.                                    |         |        |           |
|-------------------------------------------------------|---------|--------|-----------|
| Item, Make and Model *                                | Weight  | Arm    | Moment    |
| Information from W&B dated 5/5/2004                   | 2280.42 | 139.21 | 317457.27 |
| EQUIPMENT ADDED                                       |         |        |           |
| Cleveland Brake Upgrade kit 199-260 (per SB 2X-32-13) | 1.80    | 157.50 | 283.50    |
|                                                       |         |        |           |
|                                                       |         |        |           |
|                                                       |         |        |           |
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|                                                       |         |        |           |
|                                                       |         |        |           |
|                                                       |         |        |           |
| <b>NEW TOTALS</b>                                     | 2282.22 | 139.22 | 317740.76 |

\* ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

|                        |           |
|------------------------|-----------|
| Gross Weight:          | 3400      |
| New empty weight:      | 2282.22   |
| New Center of gravity: | 139.22    |
| Moment:                | 317740.76 |
| Useful load:           | 1117.78   |

Prepared By

Chris Camph 561758012 IA

Date \_\_\_\_\_

7/1/2006