

## Delivered Weight Data & Equipment List

**Model SF50**

**Serial Number: 0513**

**Registration Number: N513VJ**

**Basic Empty Weight: 3593.3 lbs.**

**Center of Gravity: FS 198.44**

The following pages list required, standard, and optional equipment, as well as give 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.

### **S1000D - Item:**

Each item in the listing is provided a unique number. The first two digits of the number represent the S1000D or GAMA Chapter reference number. These numbers are used industry wide and in the Cirrus Vision SF50 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.

### **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.

S1000D / Item	Description	Qty	Part Number	Unit Wt	Arm
<b>21</b>	<b>Air Conditioning</b>				
21-01	Compressor Assembly	1	36734-xxx	19.1	81.3
21-02	Evaporator Assembly, Primary	1	38768-xxx	13.3	102.6
21-03	Evaporator Assembly, Secondary	1	38769-xxx	4.4	192.7
<b>22</b>	<b>AutoFlight</b>				
22-01	Garmin Autopilot Controller, GMC 707	1	30128-xxx	0.6	117.7
22-02	Autothrottle Controller, GMC 708	1	31207-xxx	0.5	123.3
22-03	Pitch Servo Assembly	1	30164-xxx	5.9	134.6
22-04	Pitch Trim Servo	1	30595-xxx	5.5	296.5
22-05	Roll Servo	1	30567-xxx	4.2	139.6
22-06	Yaw Damper Servo	1	28346-xxx	6.6	360.5
22-07	Yaw Stability Augmentation System (SAS) Servo	1	34907-xxx	3.1	358.7
<b>23</b>	<b>Communications</b>				
23-01	ADS-B Antenna	1	26656-xxx	0.2	244.4
23-02	XM Weather/Audio Data Receiver, GDL69	1	24657-xxx	0.6	102.3
23-04	Audio Panel, GMA 36	1	30060-xxx	1.9	102.2
<b>24</b>	<b>Electrical Power</b>				
24-01	Starter/Generator (GEN1)	1	30846-xxx	31.5	259.1
24-02	Alternator (GEN 2)	1	30096-xxx	14.3	264.1

S1000D / Item	Description	Qty	Part Number	Unit Wt	Arm
24-03	Battery 1	1	40161-xxx	15.6	231.0
24-04	Battery 2	1	40161-xxx	15.6	76.0
24-05	Master Control Unit, Fwd	1	35213-xxx	4.1	86.0
24-06	Master Control Unit, Aft	1	35214-xxx	12.6	234.3
24-07	Generator Control Unit	1	30857-xxx	2.1	234.4
24-08	Alternator Control Unit	1	30097-xxx	0.6	235.4
<b>25</b>	<b>Equipment &amp; Furnishings</b>				
25-01	Emergency Locator Transmitter & Batteries (406 MHz)	1	30539-xxx	1.7	287.4
25-02	Emergency Locator Transmitter Antenna	1	30059-xxx	0.2	374.9
<b>26</b>	<b>Fire Protection</b>				
26-01	Portable Fire Extinguisher	1	12533-xxx	3.0	103.4
<b>27</b>	<b>Flight Controls</b>				
27-01	Flap Actuator Assembly	1	27888-xxx	20.9	232.8
27-02	Roll Trim Actuator Assembly	1	34943-xxx	2.0	223.1
27-03	Pitch Trim Actuator Assembly	2	31234-xxx	4.3	376.1
<b>28</b>	<b>Fuel System</b>				
28-01	Fuel Cap Assembly	2	27314-xxx	0.6	202.2
28-02	Ejector Fuel Pump	1	31254-xxx	0.3	211.7
28-03	Electric Fuel Pump	1	23532-xxx	2.4	190.6
28-04	Fuel Control Valve	2	26327-xxx	2.3	193.9
28-05	Fuel Shutoff Valve	1	31105-xxx	3.4	228.5
<b>30</b>	<b>Ice Protection</b>				
30-01	Ejector Flow Control Valve	3	30557-xxx	0.8	251.4
30-02	Water Separator	1	30558-xxx	1.0	243.6
30-03	Pressure Regulator	1	30556-xxx	1.3	285.1
30-04	Wing De-Ice Boot	2	32142-xxx	14.1	182.6
30-05	Stabilizer Boot	2	32142-xxx	4.9	359.8
30-06	Windshield Spray Bar	1	30501-xxx	0.1	86.0
30-07	Radome Spray Nozzle	1	28397-xxx	0.1	37.1
<b>31</b>	<b>Indicating and Recording</b>				
31-01	Recoverable Data Module	1	39486-xxx	1.8	365.1
31-02	Hour Meter	2	36644-xxx	0.1	130.7
31-03	Integrated Avionics Unit, GIA 6xW	2	24662-xxx	5.4	102.4
31-04	Gateway Module	1	42064-xxx	2.1	76.9
31-05	Cellular Antenna	2	45947-xxx	0.1	51.4
31-06	WiFi Antenna	1	46419-xxx	0.01	73.7
<b>32</b>	<b>Landing Gear</b>				
32-01	Brake Assembly	2	34513-xxx	9.0	210.4
<b>33</b>	<b>Lights</b>				
33-01	Wing Strobe/NAV Light Assembly	2	40260-xxx	0.4	193.5
33-02	Tail Strobe/NAV Light Assembly	1	40262-xxx	0.5	404.5
33-03	Landing Light Assembly, Nose	1	40263-xxx	1.15	86.0
33-04	Landing Light Assembly, Wing	2	40261-xxx	0.4	191.4
33-05	Ice Detection Light	1	31636-xxx	0.4	140.8
<b>34</b>	<b>Navigation &amp; Pitot Static</b>				
34-01	MD302 (Standby Attitude Module)	1	30499-xxx	1.6	239.1
34-02	Outside Air Temperature (OAT) Sensor Assembly	2	35773-xxx	0.2	246.3
34-03	Air Data Computer, GDC 7xx	2	39417-xxx	1.3	238.0
34-04	AOA Sensor	1	32159-xxx	0.7	83.0
34-05	Magnetic Compass	-	35187-xxx	0.3	126.7
34-06	Magnetometer, GMU 44	2	24650-xxx	0.4	198.2
34-07	AHRS Unit, GRS 7x	2	39420-xxx	1.1	102.5
34-08	Marker Beacon Antenna	1	12743-xxx	0.6	173.9
34-09	Enhanced Vision System (EVS) Camera	1	30509-xxx	0.9	49.3
34-10	Garmin Line Replaceable Unit, GTS 855	1	30141-xxx	11.3	233.0
34-11	Directional Antenna	1	30141-xxx	11.3	240.4
34-12	Garmin Weather Radar, GWX 75	1	30158-xxx	8.6	49.1
34-13	GPS 1/XM Dual Antenna	1	12744-xxx	0.5	250.0
34-14	GPS 2/Iridium Dual Antenna	1	29301-xxx	0.5	247.0
34-15	Com 1 Antenna	1	30176-xxx	1.3	261.9
34-16	Com 2 Antenna	1	12741-xxx	0.5	267.9
34-17	VOR/LOC Antenna	2	37236-xxx	3.4	246.0
34-18	Transponder, GTX 345	1	36745-xxx	2.2	233.2
34-20	Transponder, GTX 335DR	1	36745-xxx	2.3	235.3
34-21	Transponder Antenna	2	12739-xxx	0.1	246.0
34-22	Iridium Satellite Receiver, GSR 56	1	29307-xxx	2.5	100.4
34-23	DME Antenna	-	24658-xxx	2.8	246.3
34-24	DME Receiver	-	24658-xxx	2.8	256.0
34-25	WiFi Antenna	-	28434-xxx	0.2	175.0
34-26	Touchscreen Controller System, GTC 585	3	30127-xxx	3.5	115.5

S1000D / Item	Description	Qty	Part Number	Unit Wt	Arm
34-27	PFD, 14", GDU 1450W	1	39419-xxx	6.5	107.7
34-28	MFD, 14", GDU 1450W	1	39419-xxx	6.5	107.7
<b>35</b>	<b>Oxygen</b>				
35-01	Oxygen Cylinder Regulator Assembly (22 Cu. Ft.) - Full	1	32802-xxx	9.8	233.9
35-02	Oxygen Cylinder Regulator Assembly (40 Cu. Ft.) - Full	-	32802-xxx	9.8	233.9
35-03	Oxygen Mask, Crew	2	40106-xxx	1.3	139.0
35-04	Smoke Goggles	-	33068-xxx	0.4	120.7
35-05	Oxygen Mask, Passenger Single	2	39457-xxx	0.5	203.1
35-06	Oxygen Mask, Passenger Dual	2	39458-xxx	0.9	205.1
35-07	Passenger Shut Off Valve	1	36178-xxx	0.6	149.2
35-08	Oxygen Low Pressure Switch	1	32800-xxx	0.3	199.1
<b>44</b>	<b>Cabin Systems</b>				
44-01	IFE Option 1 (Standard)	-	39290-xxx	0.3	149.4
44-02	IFE Option 2 (Inverter)	-	39290-xxx	3.1	185.4
44-03	IFE Option 3 (Display)	-	39290-xxx	11.3	163.9
44-04	IFE Option 4 (Inverter w/ Display)	-	39290-xxx	14.1	170.2
44-05	In-Flight Internet Option, Avance L3	-	43971-xxx	15.7	251.0
44-06	Air-to-Ground Antennas	-	43971-xxx	5.9	226.6
44-07	WiFi/Cellular Antenna	-	43971-xxx	1.0	161.6
<b>72</b>	<b>Engine</b>				
72-01	Engine, FJ33-5A	1	28295-xxx	310.0	276.4
<b>73</b>	<b>Engine Fuel System</b>				
73-01	Engine Control Unit, FADEC	1	28295-xxx	7.0	276.4
73-02	Fuel Flow Meter	1	27349-xxx	0.6	277.0
<b>74</b>	<b>Ignition</b>				
74-01	Engine Control Panel	1	30114-xxx	0.4	114.4
<b>76</b>	<b>Engine Controls</b>				
76-01	Throttle Assembly	1	30006-xxx	7.6	119.0
<b>77</b>	<b>Engine Indicating</b>				
77-01	Engine Interface, GEA 71	1	24666-xxx	2.5	238.7
<b>78</b>	<b>Exhaust</b>				
78-01	Exhaust Nozzle	1	28295-xxx	5.6	276.4
<b>95</b>	<b>Special Equipment</b>				
90-01	Packed Parachute (CAPS)	1	32215-xxx	151.6	78.3
95-01	Airplane Flight Manual	1	31452-xxx	3.5	120.0