

<b>HARDWARE</b>				
<b>Component</b>	<b>Source</b>	<b>QTY</b>	<b>Price</b>	<b>Subtotal</b>
6oz fiberglass cloth (scrap found at the PRL)	PRL	N/A	Free	Free
West Marine Epoxy	West Marine	10oz	\$10	\$10
4-40 x 1/2" screws	Home Depot	1	\$1.05	\$1.05
Brass tube connectors	J&M	2	\$1.8	\$3.6
4mm fuel line	J&M	1 Ft	\$0.9	\$0.9
1/8" Acrylic	RM 36	1	\$1	\$1
ADS300 2700kv Brushless Motor	HobbyKing	1	\$20.88	\$20.88
Turnigy 35A Marine ESC	HobbyKing	1	\$25.71	\$25.71
0.093" Flexi-shaft	J&M	1	\$2.9	\$2.9
.125" Teflon Sheeth	J&M	1	\$0.9	\$0.9
.125" ID Brass Tubing	J&M	2	\$1.75	\$3.5
.125" Prop Mount	J&M	1	\$1.75	\$1.75
Small Plastic Propeller	J&M	1	\$1.95	\$1.95
.125" shaft dog mount for propeller	J&M	1	\$2.6	\$2.6
.020" music wire	Ace	1	\$0.3	\$0.3
Rubber gasket	RC Planet	1	\$1.72	\$1.72
1" wide, 72" long foam tubing	SPDL	1	Free	Free
<b>ELECTRICAL</b>				
<b>Component</b>	<b>Source</b>	<b>QTY</b>	<b>Price</b>	<b>Subtotal</b>
E128 + Protection Board	SPDL	1	Free	Free
PIC16F690	Lab Kit	2	Free	Free
Xbee Wireless Communication	SPDL	2	Free	Free
CS-928BB Servo Motors (salvaged)	SPDL	4	Free	Free
Lithium Polymer Battery	RC Planet	1	\$17.25	\$17.25
NiCad Battery (from last quarter)	SPDL	1	Free	Free
Large Silicone SPST Switch	Radioshack	1	\$2.9	\$2.9
MMA7361 3-axis Accelerometer	Room 36	1	\$11	\$11
IR phototransistors	Lab Kit	2	Free	Free
Flex Sensor	Room 36	1	\$13	\$13
LM2940	SPDL	3	\$1.5	\$4.5
LTS-4801 JR 7-segment Display	Room 36	1	\$1.3	\$1.3
1K Selection Pot	Lab Kit	1	Free	Free
1K $\Omega$ resistor	SPDL	2	\$0.01	\$0.02
10K $\Omega$ resistor	SPDL	2	\$0.01	\$0.02
2K $\Omega$ resistor	SPDL	1	\$0.01	\$0.01
100K $\Omega$ resistor	SPDL	4	\$0.01	\$0.04
200K $\Omega$ resistor	SPDL	2	\$0.01	\$0.02
0.1 $\mu$ F capacitor	SPDL	4	\$0.1	\$0.4
22 $\mu$ F capacitor	SPDL	2	\$0.1	\$0.2
20MHz crystal resonator	Lab Kit	2	Free	Free
Darth Vader Gloves (From personal costume)	Closet	1	Free	Free
DarthVader Lightsaber (contains LEDs, speaker and hall sensor)	EBay	1	\$6.99	\$6.99
14-pin connector	SPDL	2	\$0.8	\$1.6
20-pin connector	SPDL	2	\$1.1	\$2.2
2 pin molex- female	SPDL	6	\$0.06	\$0.36
2 pin molex-male	SPDL	6	\$0.05	\$0.3
3 pin molex- female	SPDL	7	\$0.08	\$0.56
3 pin molex- male	SPDL	7	\$0.05	\$0.35
4 pin molex- female	SPDL	4	\$0.15	\$0.6
4 pin molex-male	SPDL	4	\$0.15	\$0.6
Crimps	Room 36	98	\$0.03	\$2.94

Large Protoboards	Room 36	1	\$2	\$2
Various jumper wires	Lab Kit	N/A	Free	Free
Small gage wire by the foot	SPDL	15	\$0.05	\$0.75
Lg gage wire by the foot	SPDL	4	\$0.1	\$0.4
<b>Total</b>				<b>\$149.07</b>