

5/16 Stika
238 sq in.

	3mm	.1gm/sq in	Mass gm	Local cg	Station	Total arm	torque
foam	Rudder		2.7	3.6	15.35	18.95	51.2
foam	Elevator		5.55	2.75	15.93	18.68	103.7
	Glue		1.0+/_			18.68	19
liteply	bat tray		6.5	3.27	-1.65	1.62	10.53
spruce	fuse stick		16.25	11.56	-3.75	7.8	126.8
foam	Wing		11.9	2.90	0	2.9	34.5
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balsa/ply	Wing saddle		4	2.9	0	2.9	11.6
wire	tail skid		0.5	1.5	14.4	15.9	7.95
aluminum	pushrod assy		2	8.3	3.35	11.65	23.3
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	LG & Wheels		<u>10</u>	0.0	-1.85	-1.85	<u>-18.5</u>
			74.2				427.8

GWS B DRIVE 1047 PROP
HEATSINK + SPINNER 40 1.8 -6.45 -4.65 -186

HS50	Servo	6	.40 to tab	4.25	4.65	27.9
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ELECTRON 6	Reciever	20	0.85	1.23	2.08	41.6
LiPo340	Battery	24	1.1	-1.48	-0.40	-9.6
	Esc	<u>12</u>	.5	-1.6	-1.1	<u>-13.2</u>
		108				-111.4

Actual weight 182 185 glue etc. 3 316.4 1.71

27%= 1.70

Wing area 238 sq in. 0.78 gm/sq in