

		Mass gm	Local cg	Station	Total arm
0.083 gm/sq in.					
3 mm foam	Fin	2.0	3.53	13.45	17
3 mm foam	stab/elev	4.0+/-			
carbon fiber	spar	2.0			
	Total	6.0	2.83	14.8	17.63
6 mm foam	Wing	15.2			
6 mm foam	Wing	15.2			
hs50	Servo	6.5			
hs50	Servo	6.5			
carbon fiber	Spar	6+5.6 glue			
hinges horns	ultra trim	6.0			
	Total	61	2.65	0	2.65
0.11 gm/in	elastics	2.0	1.75	0	2.75
wire	aileron pushrod	0.5	1.75	1.03	2.75
wire	aileron pushrod	0.5	1.75	1.03	2.75
wire/cf/wire	elev pushrod	1.5	7	4.2	11.2
6 mm foam	fuse side	5.0+1 glue	8.49	-2.98	5.51
6 mm foam	fuse side	5.0+1 glue	8.49	-2.98	5.51
6 mm foam	nose doubler	0.45	1.25	-2.98	-1.73
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carbon fiber	longeron	3+2.8 glue	10.75	-3.23	7.5
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6 mm foam	esc tray	0.8	1.50	-3.0	-1.5
6 mm foam	nose bottom	0.5	0.78	-3.0	-2.15
3 mm foam	aft fuse top	1.2	4.88	5.75	10.63
3 mm foam	aft fuse bot	1.8	6.32	2.15	8.47
6 mm foam	firewall f1	0.6	0.12	-3.2	-3.1
6 mm foam	f2a	0.15	0.12	-1.43	-1.31
6 mm foam	f2b	0.3	0.12	0.0	0.12
6 mm foam	f2c	0.15	0.12	2.05	2.17
6 mm foam	batt tray	1.0	1.85	-1.43	0.42
3 mm foam	batt cover	0.5	1.85	-1.43	0.42
6 mm foam	f3	0.4	0.12	5.75	5.87
3 mm foam	f4	0.2	0.06	9.5	9.55
3 mm foam	f5	0.1	0.06	14.65	14.7
		103.7			
	moter/spinner/prop	37	1.28	-5.2	-3.9
HS50	Servo	6	.7	3.98	4.7
Berg	Reciever	4.5	0.70	0.15	0.85
	antenna	1	0	17.5	17.5
Lip730	Battery	34	0.98	-1.18	-0.2
	Esc	16	1.0	-2.47	-1.47
		98.5			
actual	204.0	204.2			
	183 sq in		1.11 gm/sq in.	27%= 1.62	