Notes on the fuse:

If you are going for all out light weight, consider leaving out the fuse spar. The side plates are strong enough for anything in flight, but will not be quite as tough for rough landings/crashes. Make sure to use 15-30 minute epoxy or shoogoo for the main parts...5 min and foam CA are not strongenough, and will crack under the torque.

Motor/Battery Info

Motor	Gearing	Prop	Battery	Amp Draw	Thrust
GWS EPS350C DS	(6.6:1)	GWS 12x6	2s1p Lipo	9.5	17.1 oz.
GWS EPS350C DS	(6.6:1)	GWS 11x4.7	3s1p Lipo	11.5	24.3 oz.
Hacker B20-26S	4:1	Planetary APC 11x4.7	3s1p LiPo	11 amps	22.1 oz.
Hacker B20-31S	4:1	Planetary APC 11x4.7	3s1p LiPo	7.7 amps	18.6 oz.
Hacker B20-15L	4:1	Planetary APC 11x4.7	3s2p LiPo	19.5 amps	38.5 oz.
Hacker B20-15L	4:1	Planetary APC 11x4.7	2s1p LiPo	10.8 amps	20.6 oz.
Hacker B20-18L	4:1	Planetary APC 11x4.7	3s1p LiPo	11.7 amps	27.7 oz.
Hacker B20-18L	4:1	Planetary APC 12x6	3s2p LiPo	19 amps	36.7 oz.
Razor RZ300	GWS/5.3:1	GWS 11x4.7	2s1p LiPo	8.8 amps	15.7 oz.
Razor RZ300	GWS/5.3:1	GWS 12x6	2s1p LiPo	9.9 amps	18.5 oz.
Razor RZ300	GWS/6.6:1	GWS 11x4.7	3s1p LiPo	12 amps	26 oz.
Razor RZ350	GWS/6.6:1	GWS 12x6	3s1p LiPo	12.4 amps	27 oz.
Razor RZ350	GWS/6.6:1	GWS 11x4.7	3s1p LiPo	8.7 amps	21.2 oz.
Razor MicroHeli v2	GWS/6.6:1	GWS 12x6	3s1p LiPo	8.9 amps	22.8 oz.
PJS 3D 500 Direct	APC 10x4.7	3s2p LiPo	16.4 amps	21.9 oz.	
PJS 3D 550 Direct	APC 10x4.7	3s2p LiPo	13.8 amps	20.7 oz.	
HiMax HA2015-3600	GWS/5.3:1	GWS 12x6	3s1p LiPo	8.7 amps	20.5 oz.
HiMax HA2015-3600	GWS/6.6:1	GWS 12x6	3s1p LiPo	6.5 amps	18.5 oz.
HiMax HA2015-4100	GWS/6.6:1	GWS 12x6	3s1p LiPo	11.2 amps	26.4 oz.
HiMax HA2015-4100	GWS/5.3:1	GWS 11x4.7	3s1p LiPo	11.6 amps	25.2 oz.
HiMax HA2015-5400	GWS/6.6:1	GWS 12x6	2s1p LiPo	10.2 amps	17.8 oz.
HiMax HA2025-3236	3.6:1	Planetary APC 11x4.7	3s2p LiPo	14 amps	29.3 oz.
HiMax HA2025-3236	3.6:1	Planetary APC 12x6	3s2p LiPo	17 amps	32.2 oz.
HiMax HA2025-4236	4.3:1	Planetary APC 11x4.7	3s2p Lipo	20.2 amps	38.1 oz.

Motor stick instilation.
You will need to adjust the position of the Carbon rod and motor mount for your motor/gearbox combination. The carbon rod may be in a diferent location, that is OK.

Mount Battery Pack with 1" Velcro strap. Also use adhesive Velcro on the side of fuselage and back of pack to secure in place.

All hinging for control surfaces can be packing tape or actual hinges. I prefer robart hinge points epoxied in place for the added longivity and control freeness.

Weight	10.5-15.5 oz.
Thrust	24-39 oz.
Radio	4-5 Chanel
Area	303.4 in2
Loading	5.0-7.6 oz/ft2

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Specs: CAP 222 (G 202)

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Designed and Drawn by Levi Jordan
Updated: 03/3/04.