

Motor stick instillation.
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 different location, that is OK.

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 strong enough, and will crack under the torque.

3/8"x3/8" Hardwood motor block
Groove block to fit carbon rod.
If using GWS 350 Drive, mount block on Carbon rod so that the prop/drive shaft is in the same location as shown on plans.

1/64" ply doublers on both sides of fuselage (see side view)

6mm Depron Fuse

3/16" zipties

LiPo Battery

2100(3s2p)

4mm Carbon Spar

Elevator Servo (HS-56HB Shown)

Aileron Servo (HS-56HB Shown)

Rudder Servo (HS-56HB Shown)

Use Cotterpin to adjust tension on pull-pull system.
Mount using Dubro EZ Connectors

1/16" wire wheel axle/steering arm
(Bend 90 deg. at the top to form a control arm. Use clamp on ball link to attach to rudder control horn)

Molded Carbon Gear Legs

Hacker B20-15L shown

Molded Carbon Fiber Gear

Vacuum Formed Wheel Pants

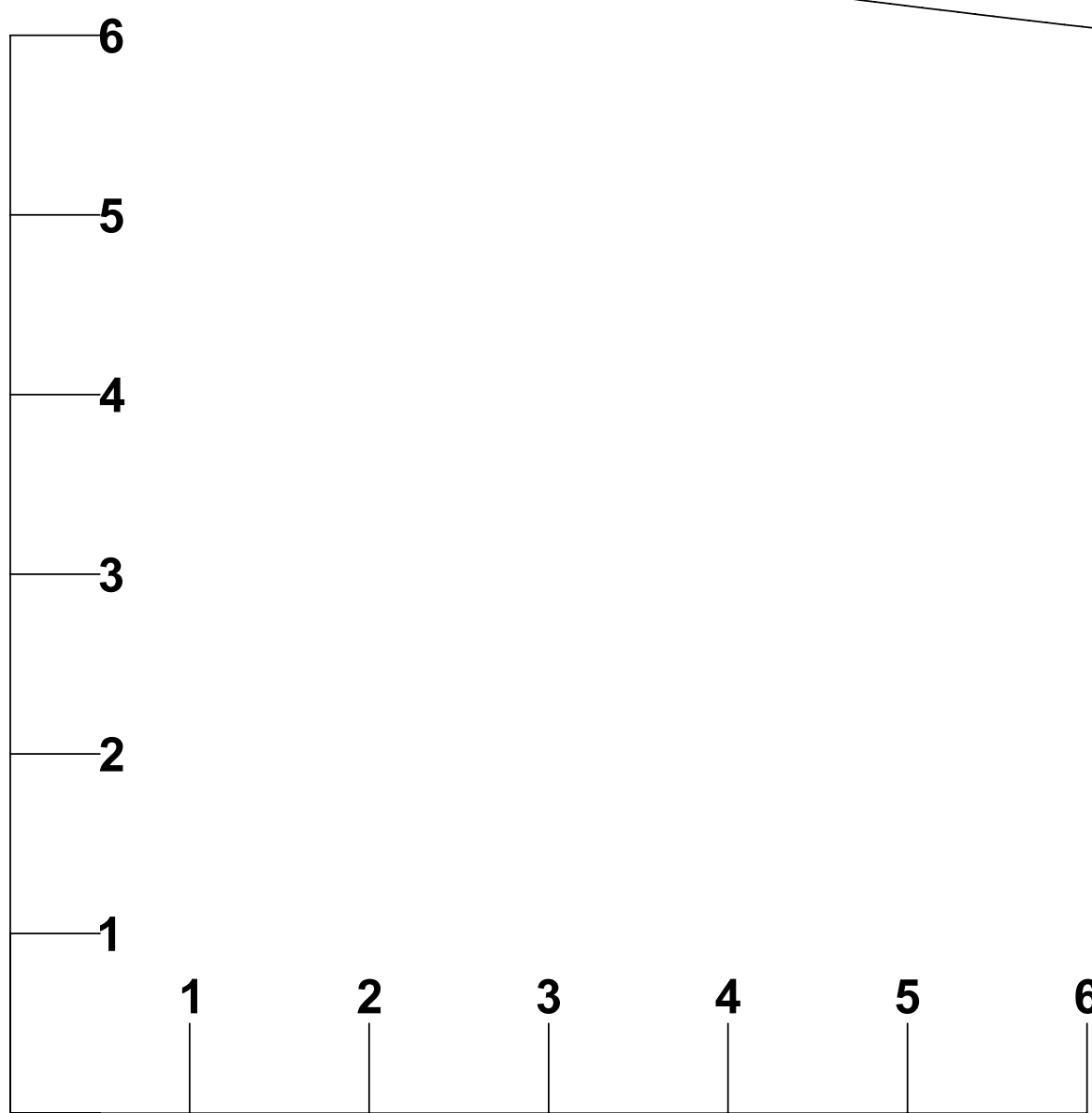
1.75" DIA

Cut a "V" groove in foam for spars. Pull spar through groove to make round

Li-Po Pack Area

Hacker B20-15L shown

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



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

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 HA2015-4100	GWS/6.6:1	GWS 12x6 3s1p LiPo	6.5	amps 18.5 oz.	
HiMax HA2015-3600	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.	

Weight	10.5-15.5 oz.
Thrust	24-39 oz.
Radio	4-5 Chanel
Area	326.5 in2
Loading	4.2-7.2 oz/ft2
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Specs:

SU-26MX 3D

3D FOAMY

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