

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

6mm Depron Fuse

Molded Carbon Gear Legs

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.

3/16" zipties

LiPo Battery
2100(3s2p)

Aileron Servo
(HS-56HB Shown)
(1 Each Side)

Rudder Servo
(HS-56HB Shown)

Elevator Servo
(HS-56HB Shown)

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.

4mm Carbon Spar

6mm Depron Fuse Rails

Carbon Tail wheel bracket

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

Hacker B20-15L shown

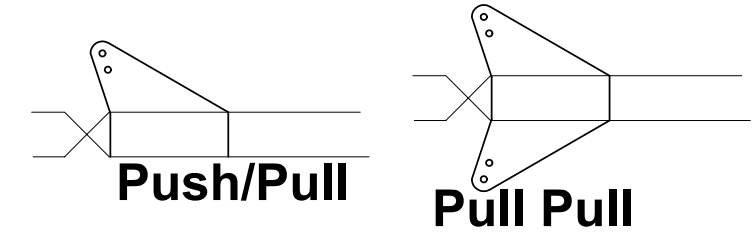
1/64 ply gear mount plates

Molded Carbon Fiber Gear

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

Vacuum Formed Wheel Pants

Cut Control horns from 1/32" ply or a plastic coffee can lid.

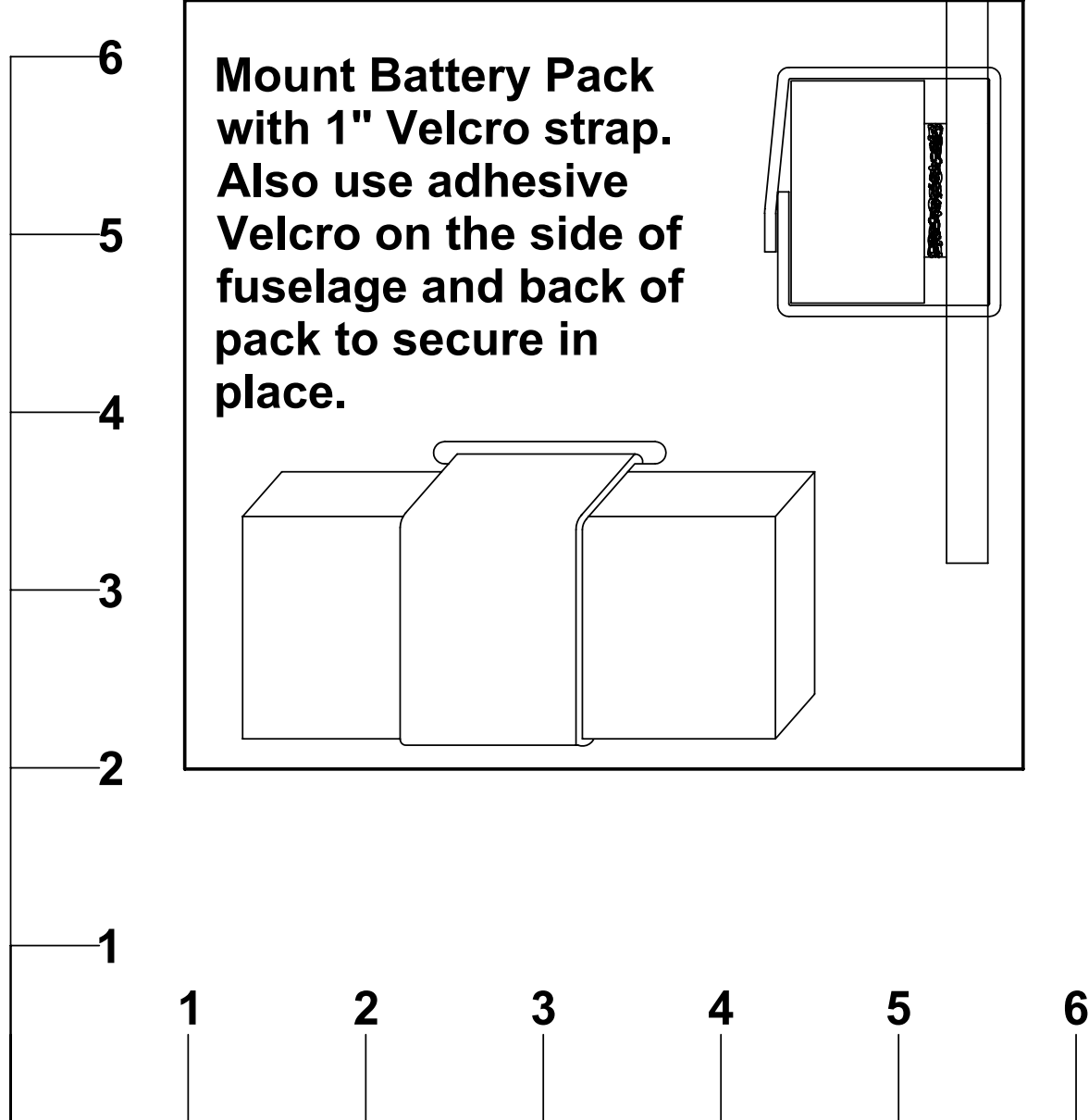


All hinging for control surfaces can be packing tape or actual hinges. I prefer robart hinge points epoxied in place for the added longivity and control freeness.

Motor/Battery Info

Motor Gearing Prop Battery Amp Draw Thrust

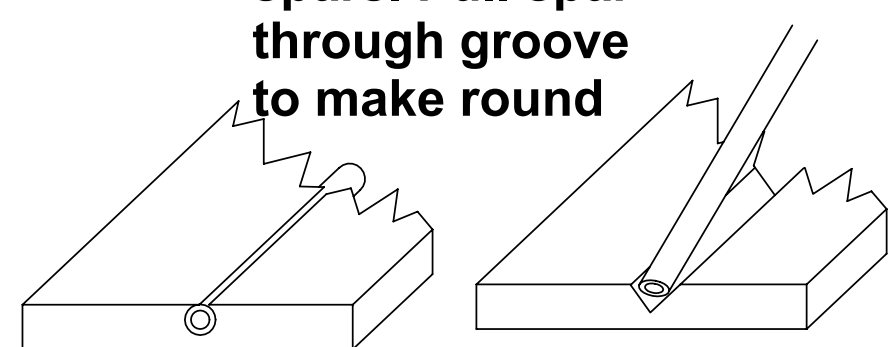
GWS EPS350C DS (6.6:1)	GWS 12x6 2s1p LiPo	9.5	17.1 oz.
GWS EPS350C DS (6.6:1)	GWS 11x4.7 3s1p LiPo	11.5	24.3 oz.
Hacker B20-26S 4:1 Planetary APC	11x4.7 3s1p LiPo	11	amps 22.1 oz.
Hacker B20-31S 4:1 Planetary APC	11x4.7 3s1p LiPo	7.7	amps 18.6 oz.
Hacker B20-15L 4:1 Planetary APC	11x4.7 3s2p LiPo	19.5	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 17.9 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.



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

2 3/8

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



Weight	10.5-15.5 oz.
Thrust	24-39 oz.
Radio	4-5 Chanel
Area	301.4 in2
Loading	4.2-7.2 oz/ft2
WWW.3DFOAMY.COM	

Specs: The Edge 540 3D