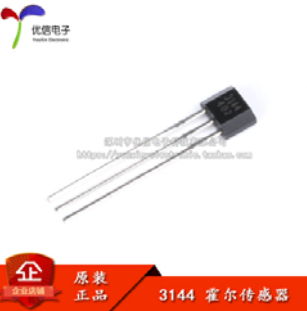








Tungsten V3 - Below are the items I made use of for the build.

	Arduino Nano	https://item.taobao.com/item.htm?id=42296011350& u=11p5mvl5804c
	Voltage sensor module (to find current voltage of lipo to make calculation of ROF voltage)	https://detail.tmall.com/item.htm?id=520840133787& u=11p5mvl56d66
	104 Capacitor 104P 0.1UF 100NF 50V (to filter electric noise produced by DC motors)	https://detail.tmall.com/item.htm?id=41231794779&toSite=main
	Capacitor (not necessary if you use the above 104 capacitor)	https://item.taobao.com/item.htm?id=550154253403& u=11p5mvl57d22
	DuPont head	https://item.taobao.com/item.htm?id=522555619895& u=11p5mvl5e51d
	DuPont male head	https://item.taobao.com/item.htm?id=19134756118& u=11p5mvl59db9
	DuPont male head	https://item.taobao.com/item.htm?id=545659568533& u=11p5mvl53d4b
	Jumper wire	https://item.taobao.com/item.htm?id=558182761958& u=91p5mvl51c8f

 <p>优德电子 3144 霍尔传感器</p>	A3144 Hall effect	https://item.taobao.com/item.htm?id=522576336265&u=91p5mvl58336
 <p>和顺达电子 IRL40B209 N Channel mosfet</p>	IRL40B209 N Channel mosfet	https://item.taobao.com/item.htm?id=542576347605&u=11p5mvl5b36d
 <p>UC1040 SOL 50M</p>	Yellow + blue OLED display	https://item.taobao.com/item.htm?scm=1007.11855.31966.10020.03000000006&id=43639171586&pv_id=c4007019-2211-400d-ae82-9ab41a2e6cb1
 <p>ALPHA</p>	3 way switch	https://item.taobao.com/item.htm?id=7872994394&u=11p5mvl5aa1e
	Rotary Encoder with push button	https://item.taobao.com/item.htm?id=558212521522&u=11p5mvl5c1e8
	Small micro switch	https://item.taobao.com/item.htm?id=546834080946&u=91p5mvl50ff5
 <p>Risym® 请先领取详情页的优惠再购物哦 船型 船型电源开关按钮 8.5*13.5mm 2脚2档 船型开关 250VAC 3A 2脚两档</p>	On/off micro switch 8.5X13.5mm	https://detail.tmall.com/item.htm?id=20857367959&u=91p5mvl5c067

	<p>20 X 10 X 1 mm magnet 20 X 5 X 2 mm 30 X 5 X 3 mm</p>	<p>https://detail.tmall.com/item.htm?id=533277016746& u=11p5mvl50c4f</p> <p>https://detail.tmall.com/item.htm?id=533974662400& u=11p5mvl55be1</p> <p>https://detail.tmall.com/item.htm?id=533200939002& u=11p5mvl51aa2</p>
	<p>20cm barrel</p>	<p>https://item.taobao.com/item.htm?spm=a1z09.2.0.0.2ed6e797XsdCh0&id=542111980772& u=61p5mvl55610</p>
	<p>screw</p>	<p>https://item.taobao.com/item.htm?id=520844412331& u=11p5mvl5956c</p>
	<p>grip</p>	<p>https://item.taobao.com/item.htm?id=544007064870& u=11p5mvl5265e</p>
	<p>Flywheel cage and wheel</p>	<p>https://item.taobao.com/item.htm?id=550007639635& u=11p5mvl556f5</p>

 <p>Worxker inner barrel component. Dimensions: 17MM diameter, 100MM length. Text: 工匠大师内管 (银色)</p>	Inner barrel	https://item.taobao.com/item.htm?id=549870978342
 <p>Best Hunter red dot sight. Colors: black, brown, blue, red. Text: BEST HUNTER</p>	Red dot sight	Just search on Aliexpress "C-more Red Dot sight"
 <p>Dean connector. 50A rating. Text: 50A</p>	Dean connector	https://item.taobao.com/item.htm?id=2003313604&u=11p5mvl5c4de
 <p>Turnigy Graphene 1500mAh 3S 65C LiPo Pack W/ XT60. Text: 1.5</p>	Turnigy Graphene 1500mAh 3S 65C LiPo Pack W/ XT60	https://hobbyking.com/en-us/graphene-1500mah-3s-65c-w-xt60.html
 <p>Hobbywing 1060 Brushed ESC. Text: HOBBY WING, 1060 BRUSHED, 60A</p>	Hobbywing 1060 Brushed ESC	Cannot find link

I was unable to locate some of the seller for some items, they seems to have stop selling the items.


I bought most of my part from China site, I believe most part should also be available on site such as amazon, ebay, etc

There are more basic items such as pin connectors, etc.

Article on Dealing with Motor Noise:

<https://www.pololu.com/docs/0J15/9>

Other Useful Tools

	<p>Crimper - engineer PA-90</p>	<p>https://world.taobao.com/item/9117898770.htm?fromSite=main& u=t2dmg8j26111</p>
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