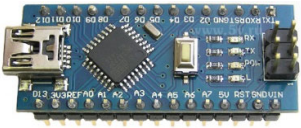





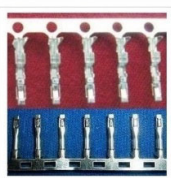





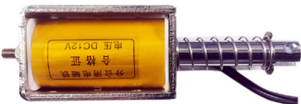


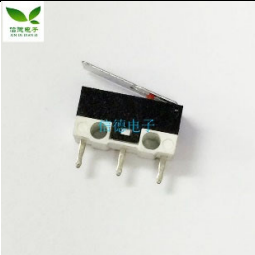






Below are the items I made use of for the build, I did not include the cosmetic items from worker and flywheel cage and motors.

	Arduino Nano	If you bought the China made Version, remember to download and install the appropriate drivers.
	Voltage sensor module (to find current voltage of lipo to make calculation of ROF voltage)	You will need to adjust the calculation formula in the programming to get an accurate reading from the sensor you bought
	104 Capacitor 104P 0.1UF 100NF 50V (to filter electric noise produced by DC motors)	Article on Dealing with Motor Noise: https://www.pololu.com/docs/0115/9
	Capacitor (not necessary if you use the above 104 capacitor)	
	DuPont head	
	DuPont male head	
	DuPont male head	
	Yellow + blue OLED display	

	IRL40B209 N Channel mosfet	
	Diode IN5408	
	10K ohm resistor	
	100 ohm resistor	
	35 mm, 12V DC solenoid	
	Replacement spring for solenoid 0.8 x 15 x 50	
	5V, 3A BEC	
	Small micro switch	
	On/off micro switch 8.5X13.5mm	
	3 Way switch, bought from Aliexpress or TaoBao, however unfortunately I don't think they are selling it anymore.	

	Wire net	optional
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Other Useful Tools

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