**Chapter 1: Things to Know Before You Build a Drone** 







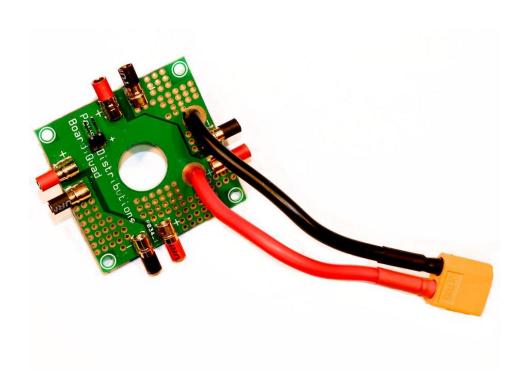








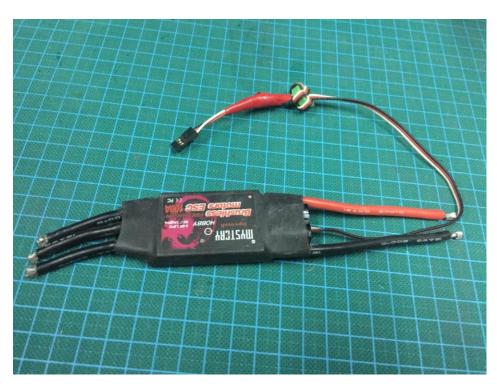


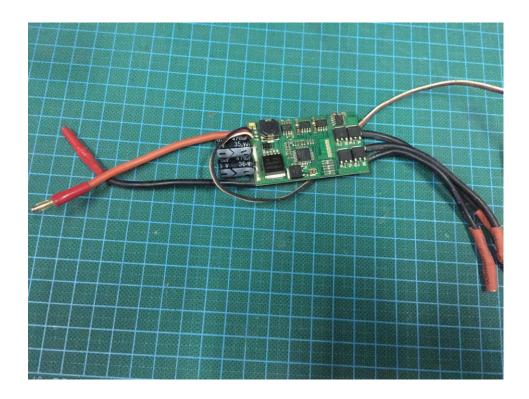






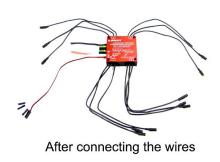


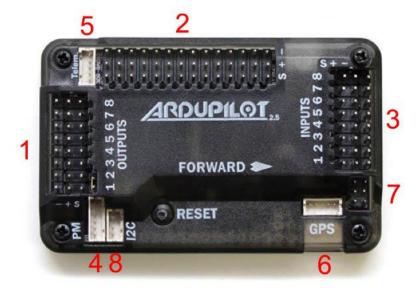


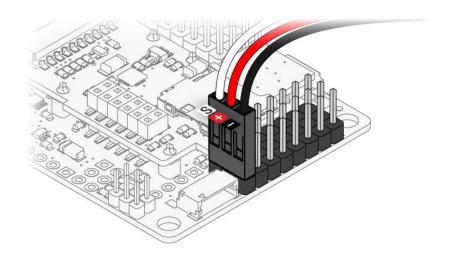


## **Chapter 2: Assembling Your Drone**

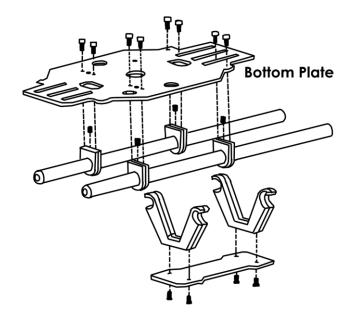


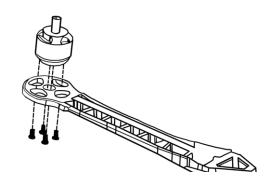


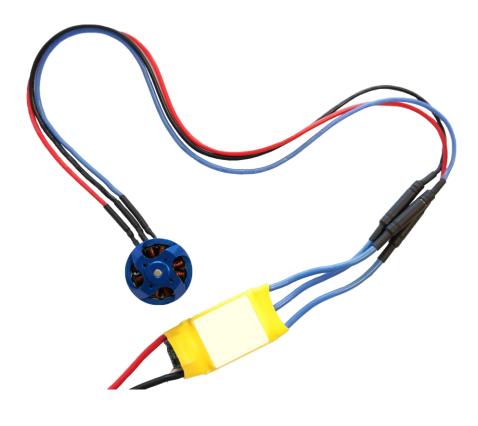


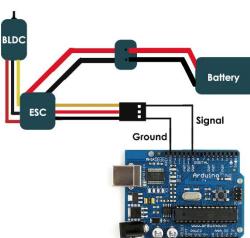






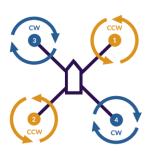








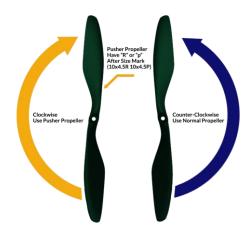


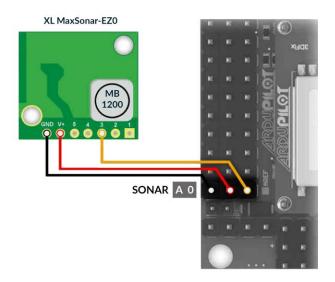


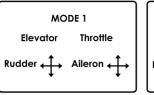
QUAD x

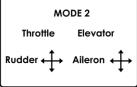


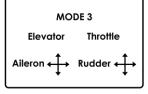


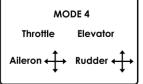




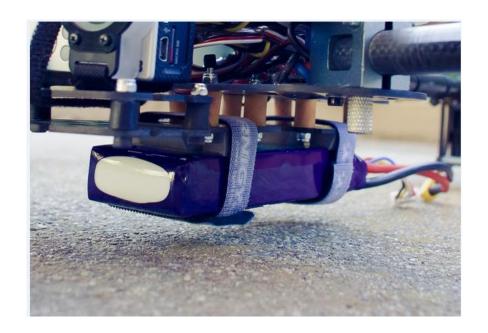






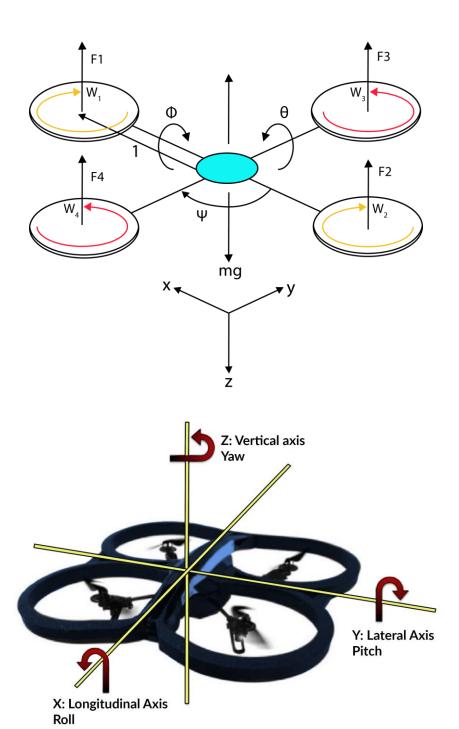




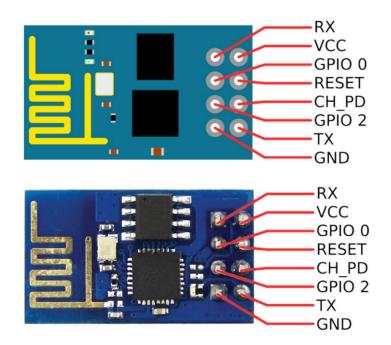


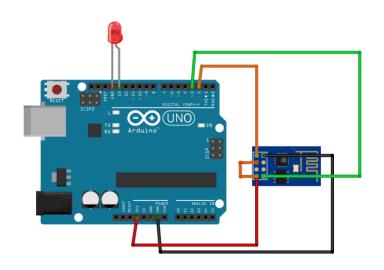


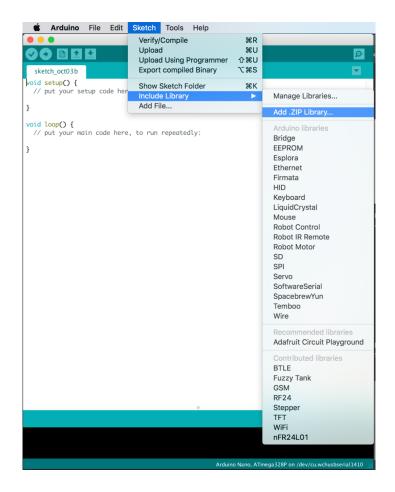




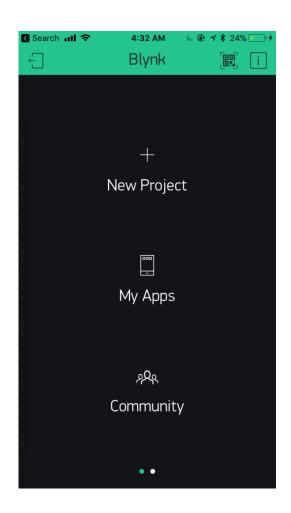
## **Chapter 3: Preparing Your Drone for Flying**

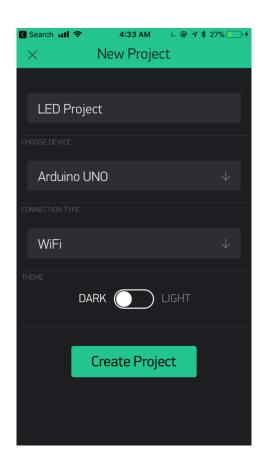


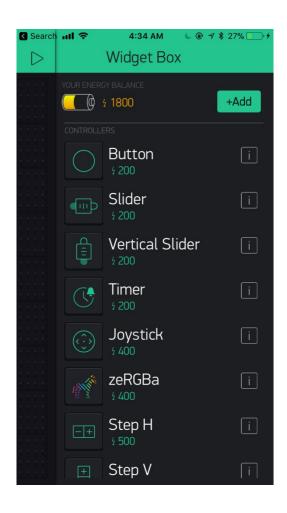


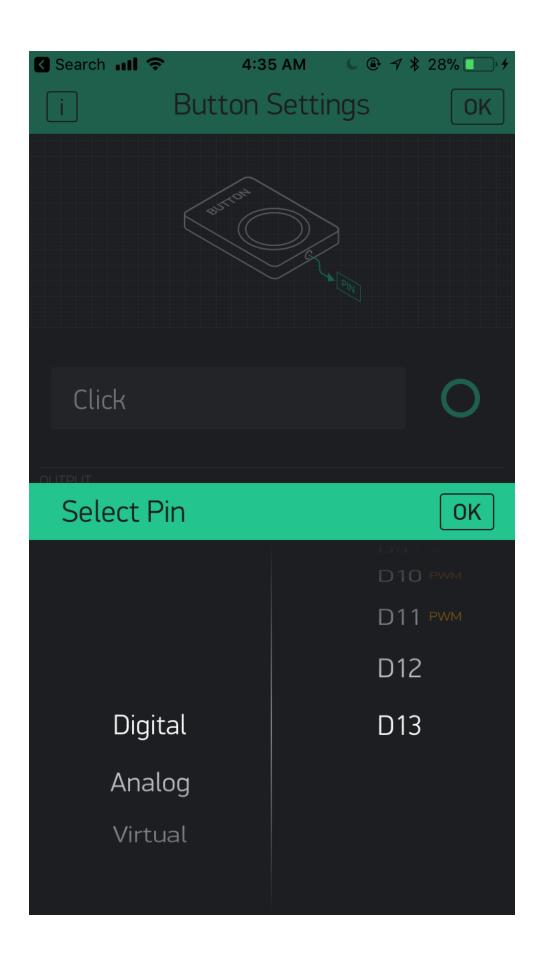


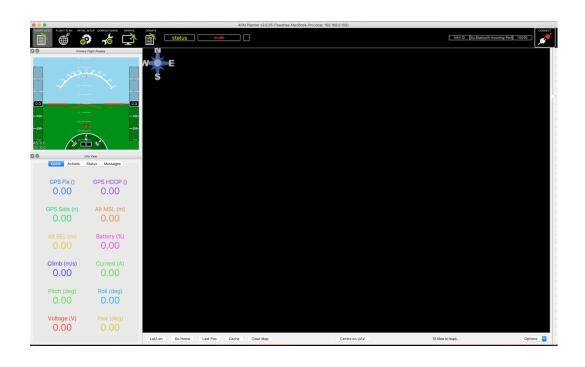




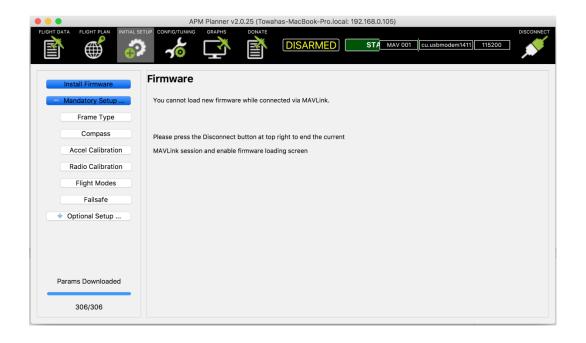


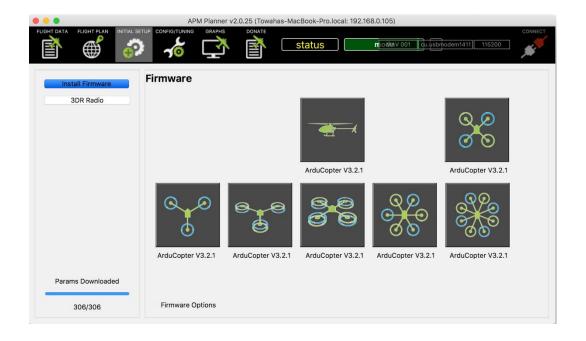


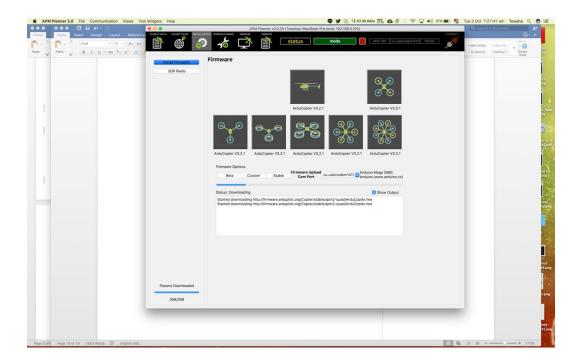


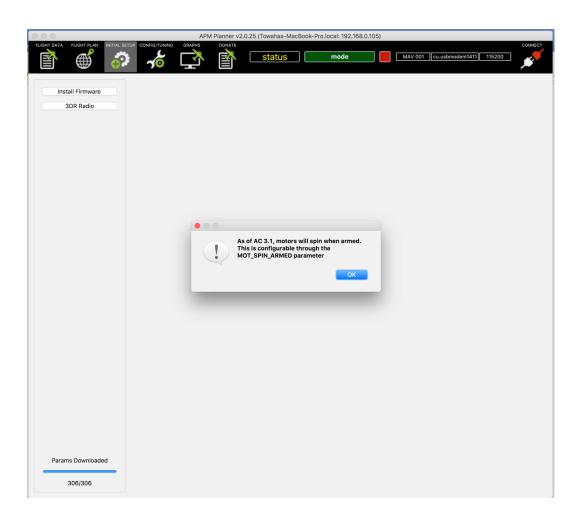


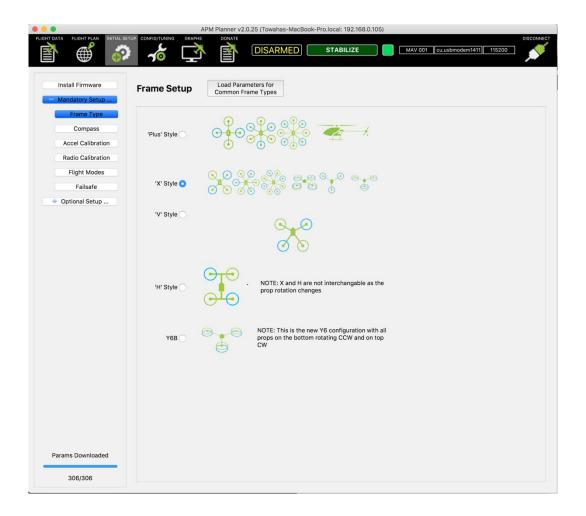


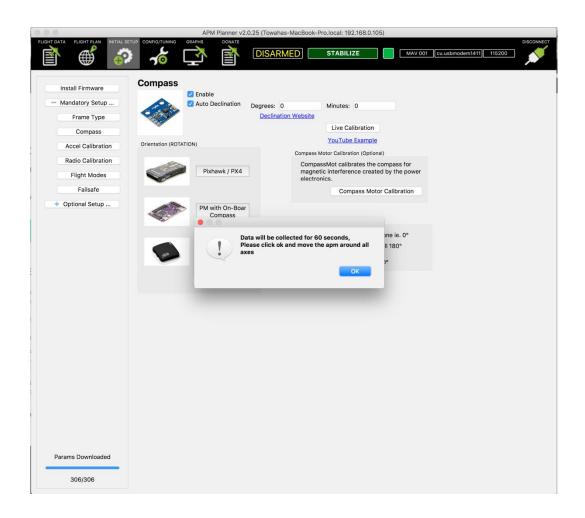


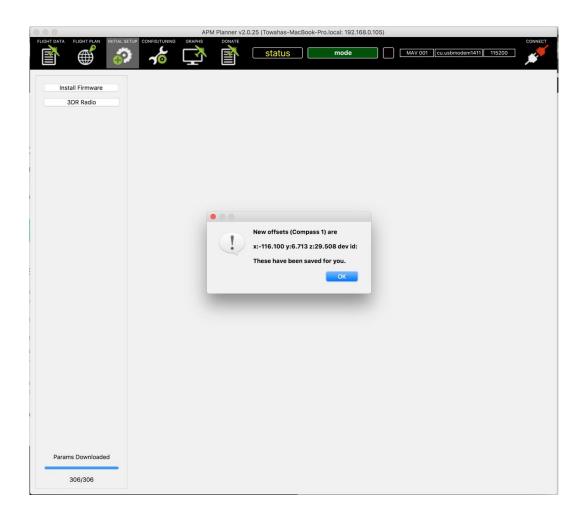


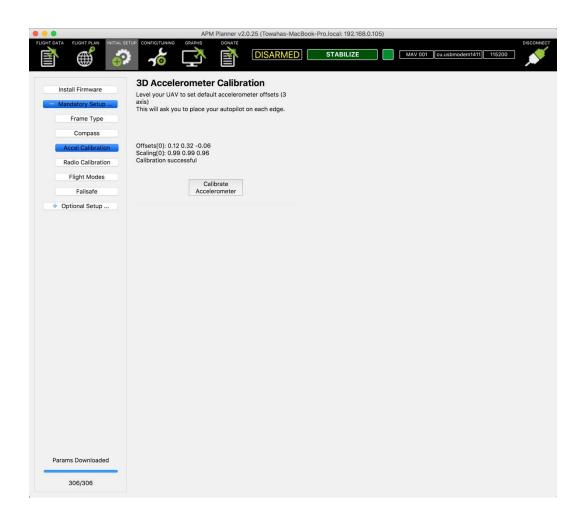


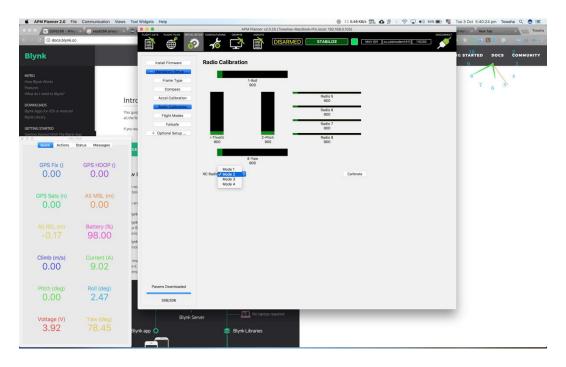


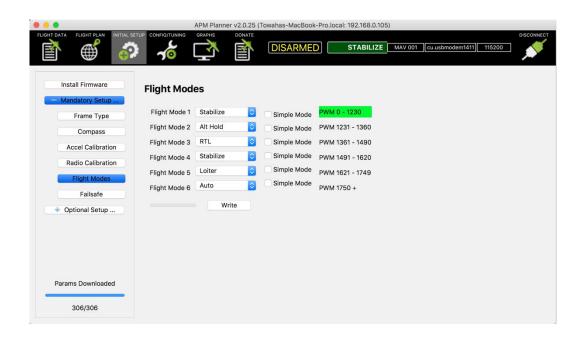


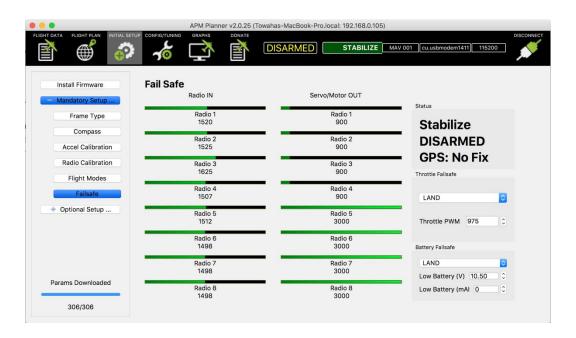


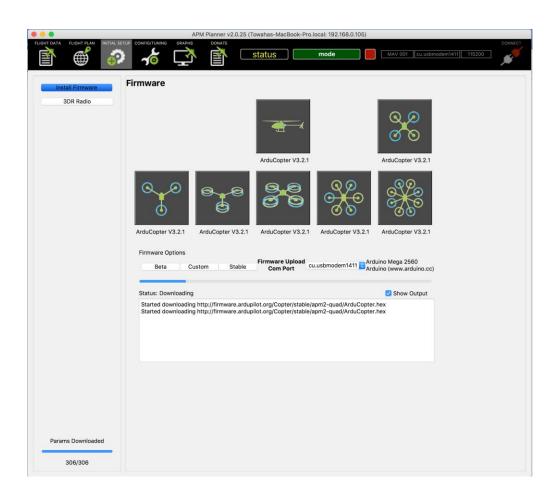


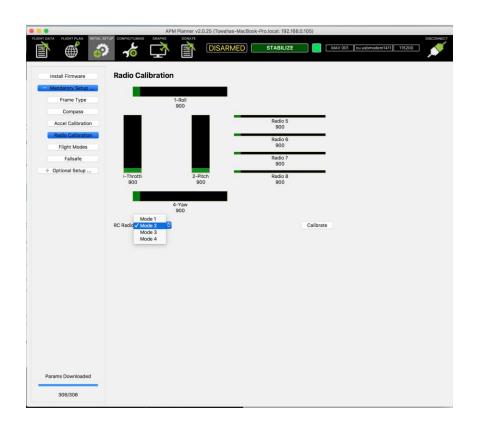












## **Chapter 4: Building a Follow Me Drone**

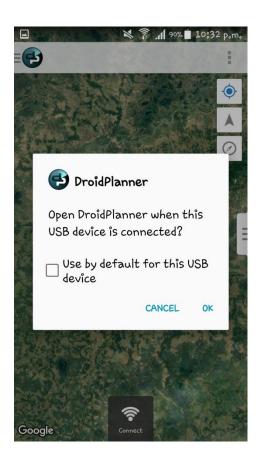


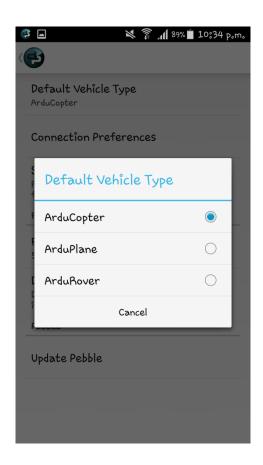
GlobalSat ND-100S USB GPS Dongle

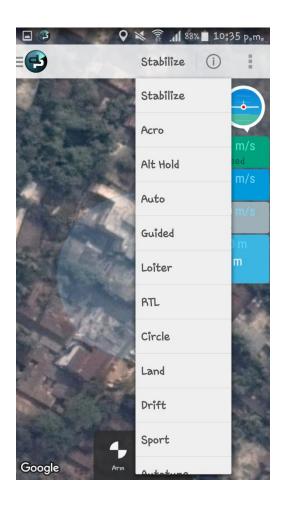
GlobalSat BT-368i Bluetooth GPS Receiver

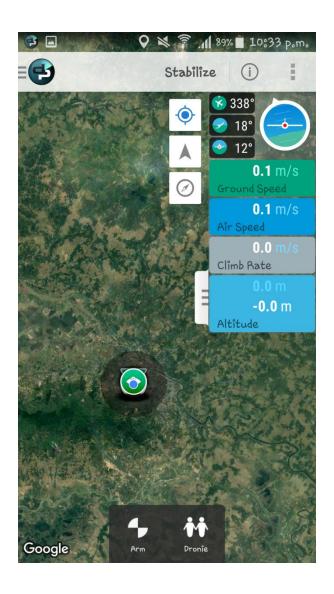




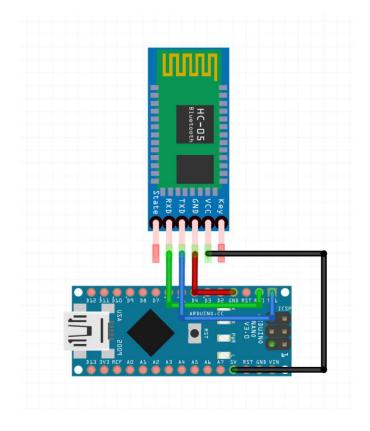


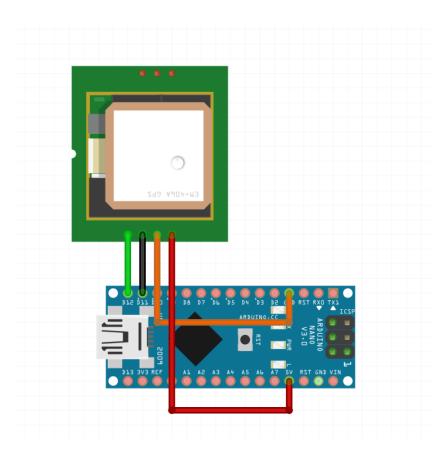


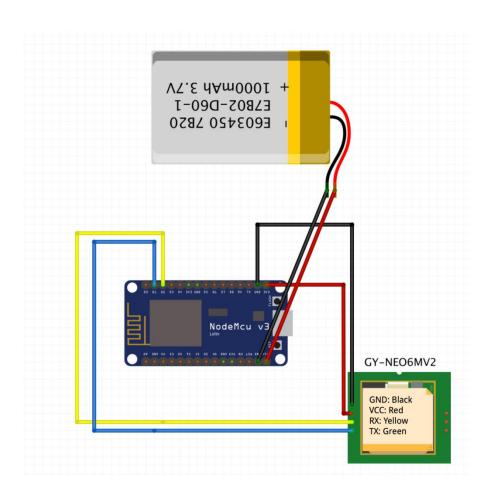


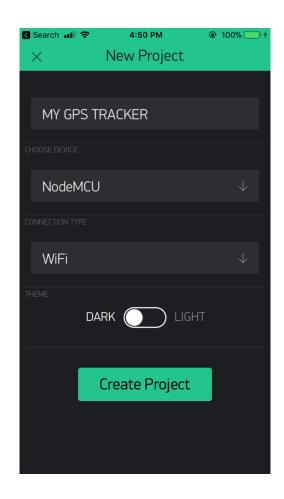


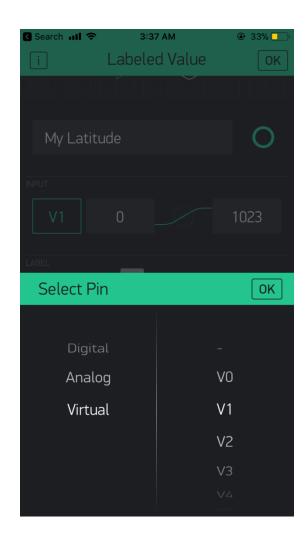


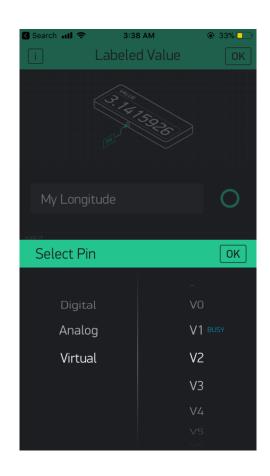




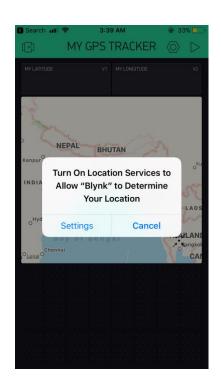




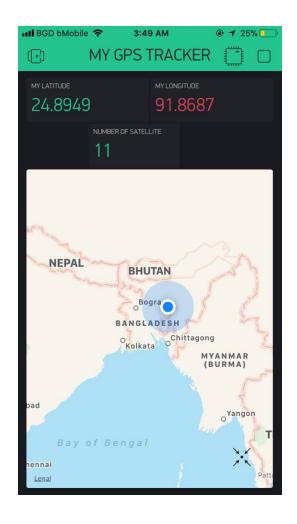


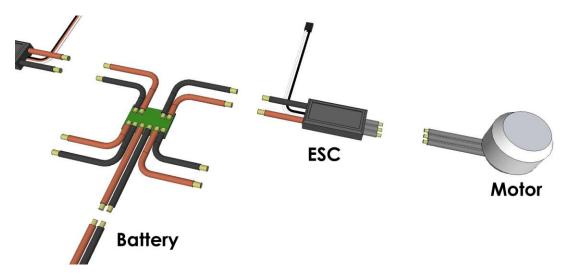






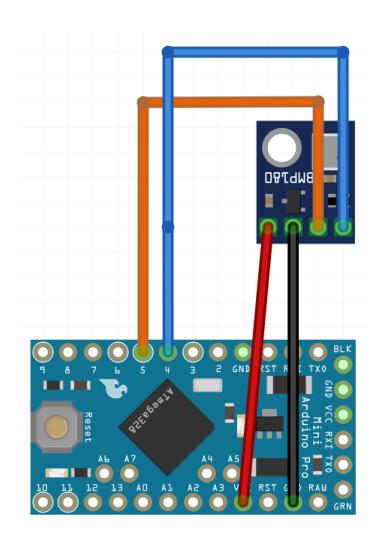


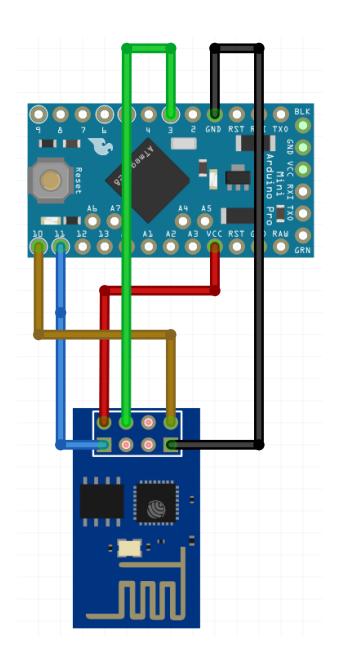


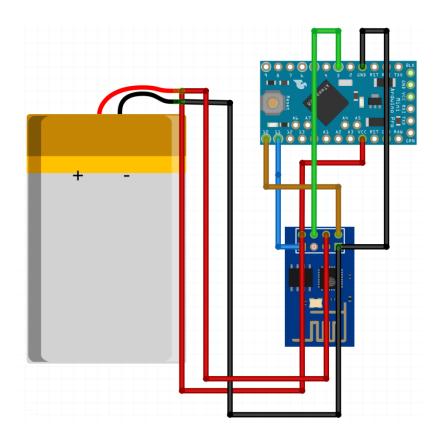


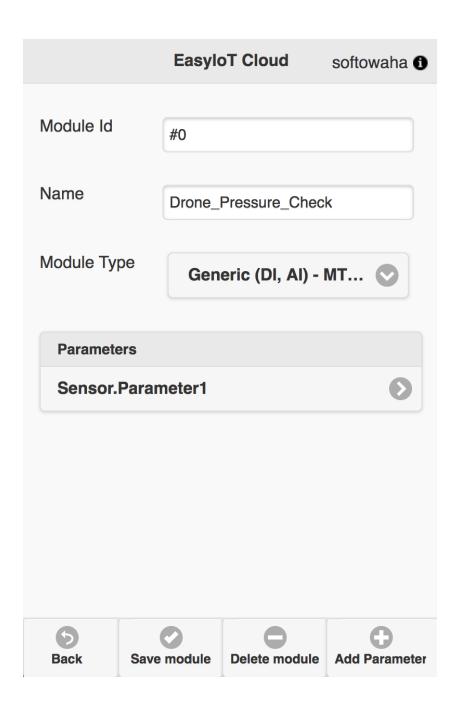
**Chapter 5: Building a Mission Control Drone** 







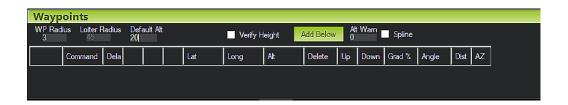






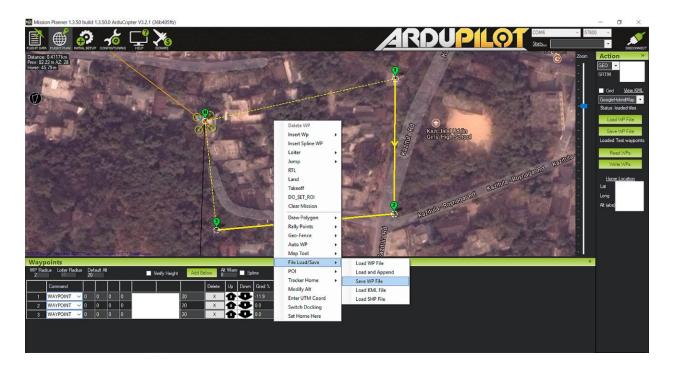


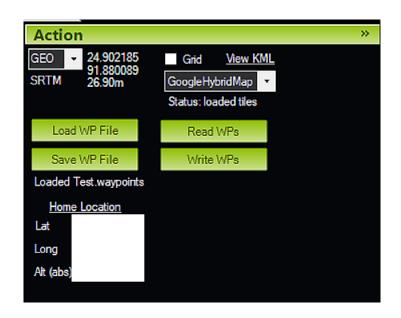






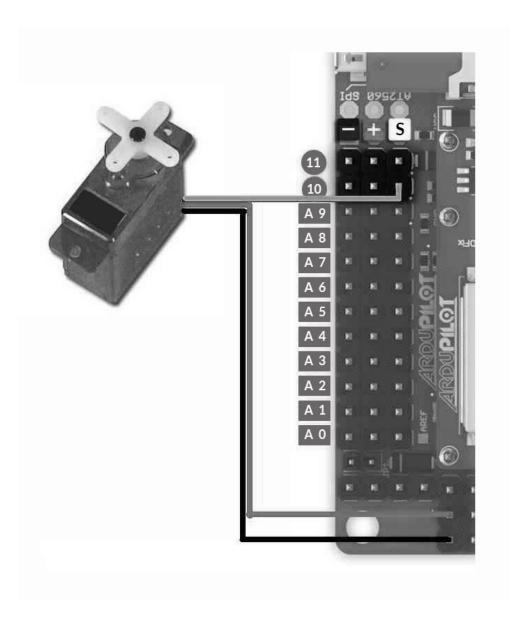






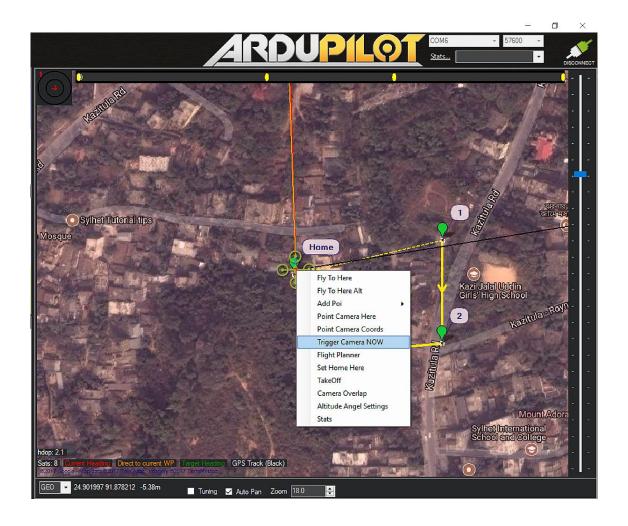












## **Chapter 6: Building a Drone to Take Selfies and Record Videos**

















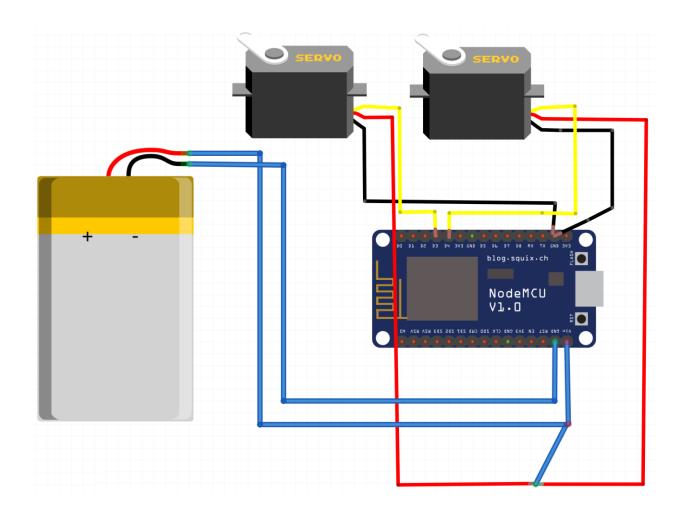


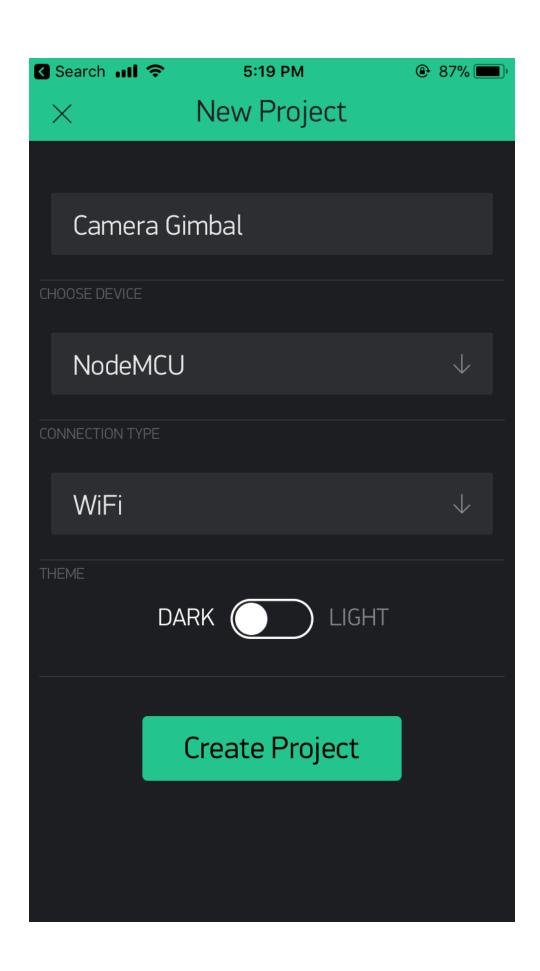
A Brushless Gimbal (Shock Absorbing 2 Axis Brushless Gimbal)

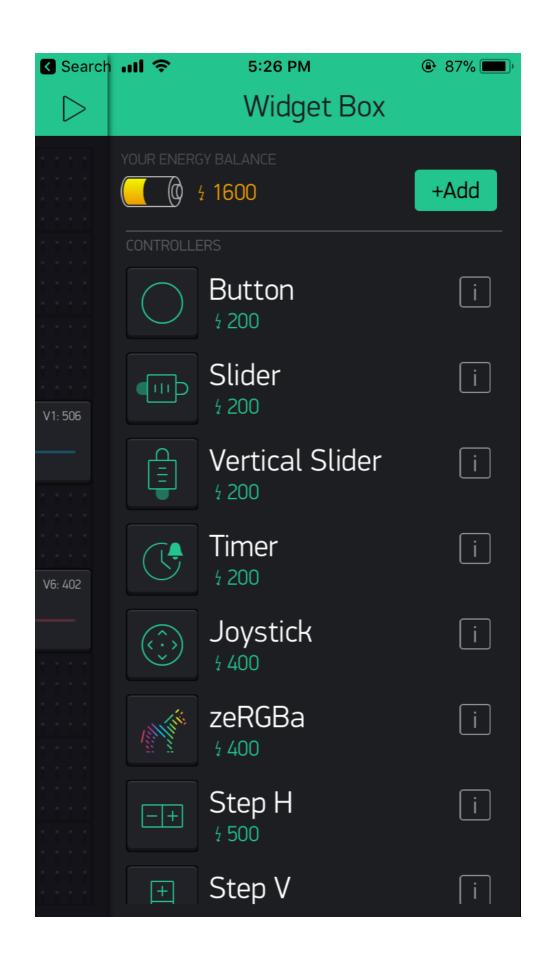


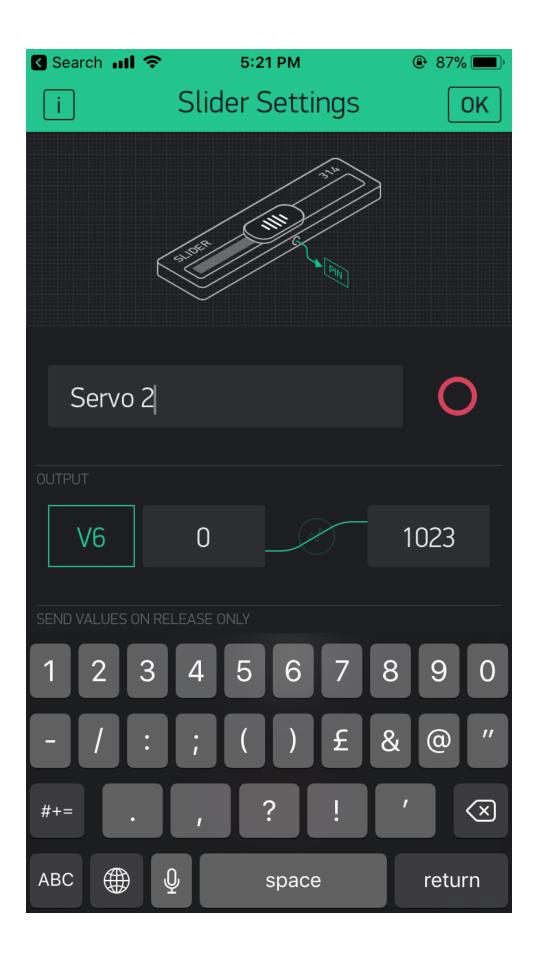


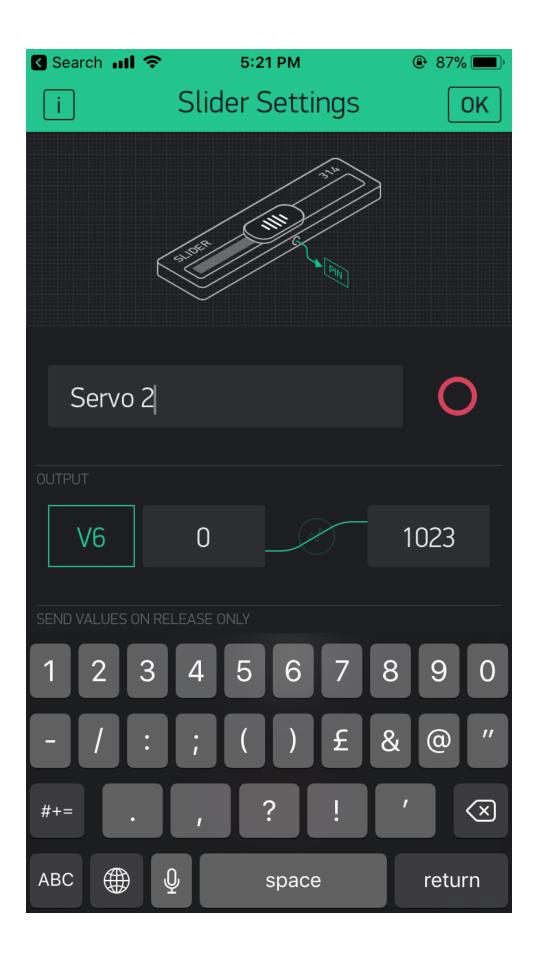


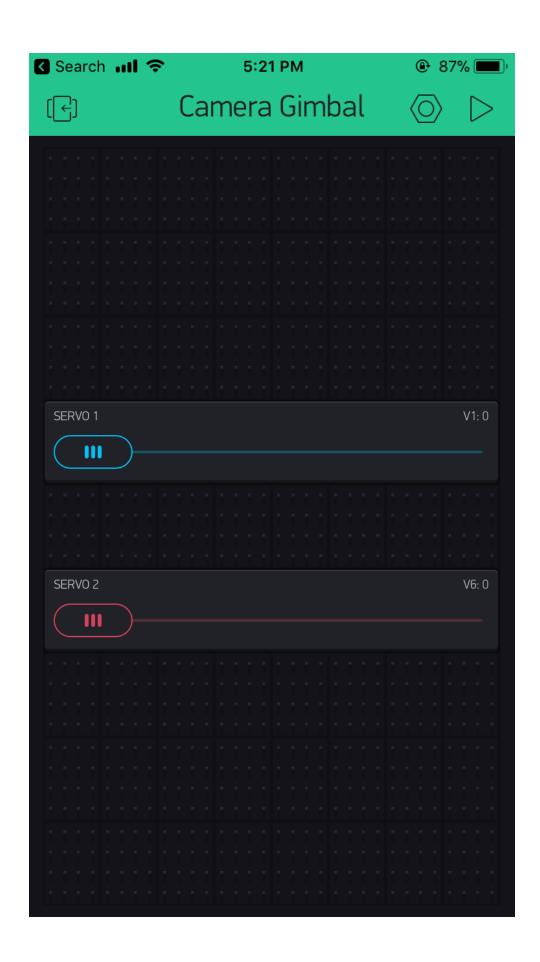


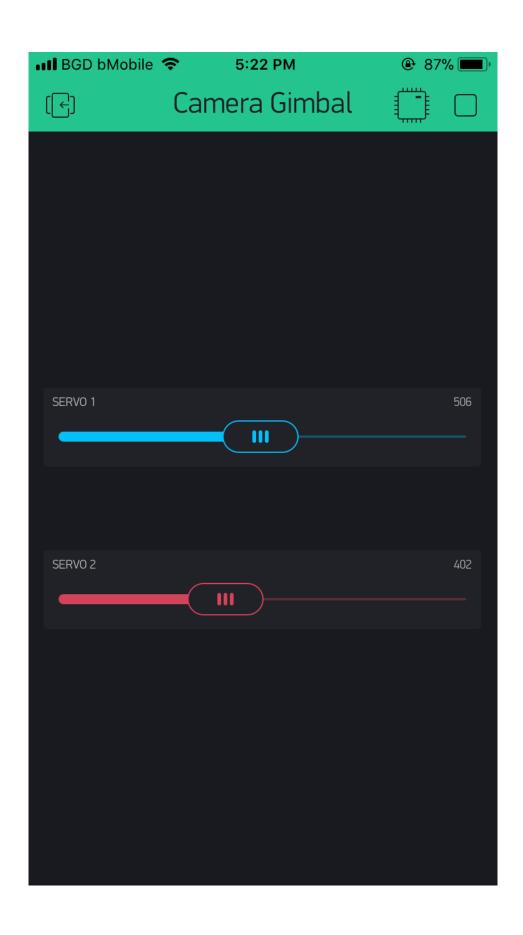




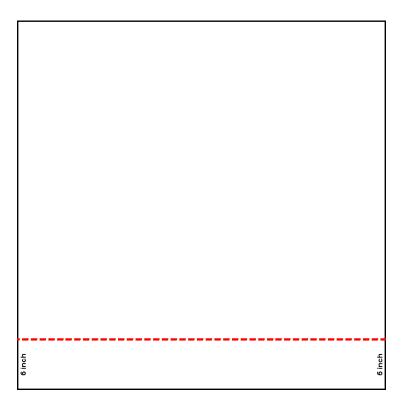


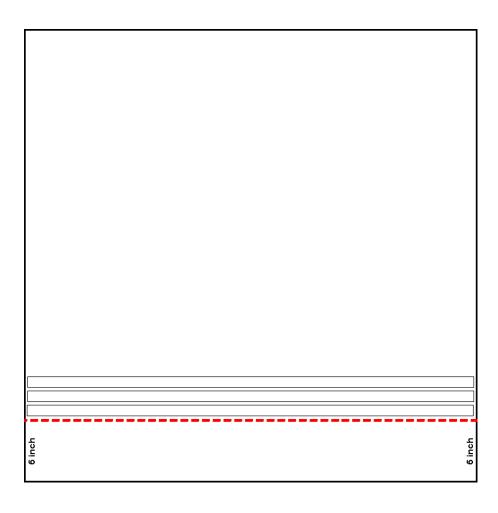


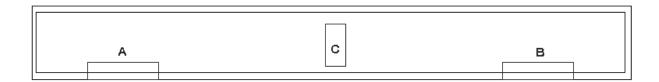




## **Chapter 7: Building Prototype Drones – Gliding Drones**







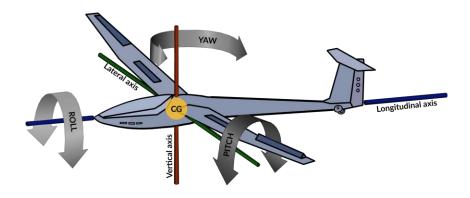


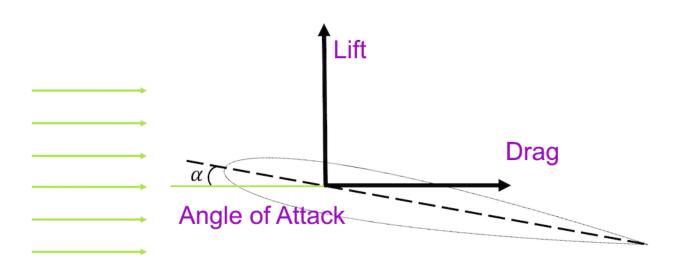
Symmetrical Airfoil

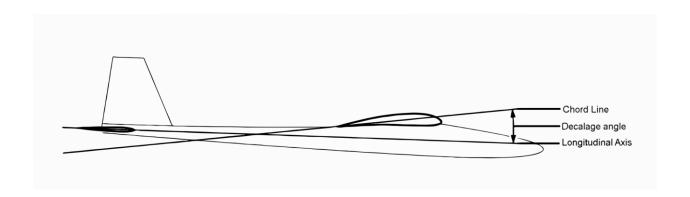
**Underchamber Airfoil** 

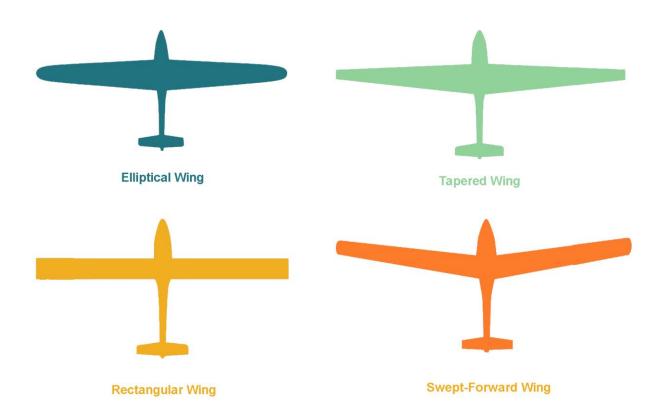
Flat Bottom Airfoil

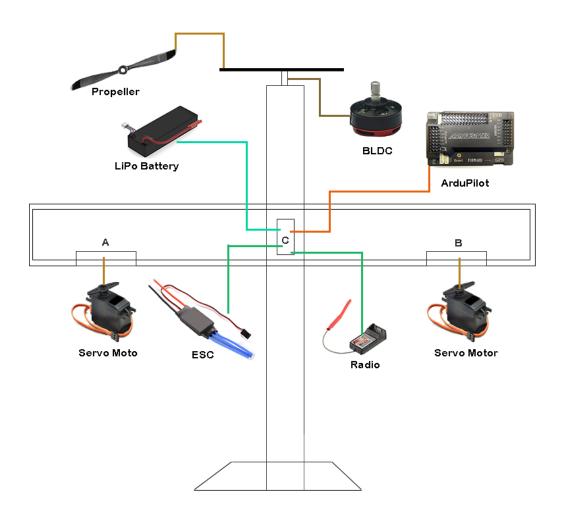
Clark Y Type Airfoil



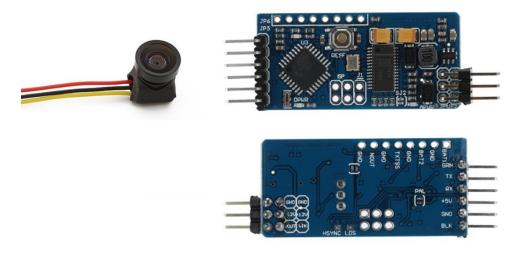








## **Chapter 8: Building Prototype Drones – Racing Drones**



Mini CMOS 600TVL FPV Camera 505M Mini OSD to APM

