

## Assembling Pluto Drone

This file contains instructions for assembling the drone.

### Required Hardware:

1. Pluto Drone
2. Battery
3. Propeller
4. Prop Guards
5. Rubber Band
6. Marker holder
7. Pluto tool

### Assembling Instructions:

1. Watch the assembly video of the Pluto Drone [here](#).
2. Attach the WhyCon marker on the drone as given in the Figure 1.



Figure 1: Attach marker holder to drone

3. After assembling all the parts together the final drone will look similar to what is shown in Figure 2.



Figure 2: Final Drone after assembly

Refer to the [Testing\\_Drone.pdf](#) to test the drone.

### Drone Calibration:

To correct the error in the drone's flight due to battery attachment and other hardware changes, we need to calibrate the drone's accelerometer and magnetometer.

In order to calibrate the Pluto drone download the "Pluto Controller" app from Google Play Store and follow the steps mentioned in the [video](#).