How to Use Raspberry Pi Drone

A yellow toy

Description automatically generated

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Setting up the Pi drone

To setup the Pi drone you will need-

* Pi Drone
* LIPO Battery (3S)
* Remote Control
* Laptop Computer
  + Charged
  + Antenna with connection

Drone Check list

|  |  |  |
| --- | --- | --- |
| Date: Location: | Check | Comments |
| Charged Battery |  | Volts: MAH: |
| Check props tight on motor |  |  |
| Secure battery and cargo |  |  |
| Plug in battery |  |  |
| Check Radio Connection on mission planner |  |  |
| Check surroundings of drone operation area |  |  |
| Arm Drone |  |  |
| Landed |  |  |

Comments on flight:

Crashed drone : Yes or No and # \_\_\_ and comment:

How to use Mission Planner

A close up of a sign

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Screenshot of Mission planner (1.3.68)

Mission planner is the software that is used to control the drone. It has a lot of different options that can be used to tune the drone flight model. This can highly change how the drone flies but if the drone is already setup mission planer is easy to use. The first thing you’ll want to do is go thru the checklist provided and make sure drone flight is ready. When you are ready to connect to drone, you’ll chose the correct connection info and then hit the connect button. The drone’s information will load onto the laptop thru the Antennae. This will allow us to arm the drone and the drone’s motors will start to spin up and it will be ready to fly.

Controller setup

Binding controller to receiver: <https://youtu.be/9-Z0rTVEkHI?t=80>