Quick start guide

1. **Read all safety-related documentation.**
2. Charge LiPo battery *(see Battery Documentation)*
3. Set up test bench *(see Test Bench Documentation & Test Safety Documentation)*
4. Turn on and calibrate Vicon *(see Vicon Documentation)*
5. Plug in battery to drone *(see Battery Documentation)*
6. *SSH into the drone RPI (see Raspberry Pi Documentation, section Controlling RPI remotely)*
7. Run the flight code *(see Code Documentation)*
   1. Navigate to the BridgemanDrone repository in the RPI
   2. Type *git pull* in the command line
   3. Type *sudo pigpiod* in the command line
   4. Type *python3 Main.py* in the command line to run the flight code. Follow the prompts. Press *ctrl+c* to stop the code.
8. Save and view the data *see Code Documentation & Raspberry Pi Documentation, section Using github from command line)*
   1. Type *git add .* then *git commit -m “[message describing the test]”* then *git push*
   2. On your own computer, *git pull*
   3. On your own computer, run PlotDroneData.m in Matlab to see the results of the test.