TO DO LIST

* Rms as errorbar
* Adjust so that forces are for wind tunnel coordinates
* No lines/statements can be made yet
* Test (-) angles
* Fix what's wrong with lift coefficient
* Take zero point for each angle
* Tare forces(subtract zero)
* Work on system for all axis calibration
* Something simple offsetting lift?
* Other things
  + More angles
  + Higher speeds (20-50 m/s)
  + Weight support system
  + Calibrate in force range (include drag)

PLAN

1. Make changes to code (wind tunnel coordinates, rms calculations, tare from zero m/s)
2. Make some kind of support system for wing mounted on sting (to deal with load limit issues)
   1. Thinking some kind of like stands (not sure if it will mess with aerodynamics)
3. Calibrate sting within range of forces measuring (up to load limits)
4. Run in wind tunnel (0-50 m/s and 1-10º attack angle)
   1. Take 0 m/s at each angle
   2. Write in code to subtract of the zero
5. Run data through processing

9/24

1. Make spreadsheet of expected lift and pitch values
   1. Lift at quarter chord
   2. As function of wind speed what force in N and moment in Nm
   3. Estimate the sizes of forces and moments you would expect as a function of wind speed and angle
   4. Cl \* ½(rho\*U0\*A)=L
2. Refine calibration code!
3. Modular system for the collection codes