Read in calibration matrices (Only do once)

Section 1, 'Run section' on section 1 only at the beginning of each experiment

Motor Control: Specify move amount, move, and read angle

Section 2, use 'Run section'

Read Voltages: can specify rate and time period, average over time period taken for all 6 voltages

Calculate Forces: Lift and pitch calculated with SVD derived matrix, all other components calculated with Aerolab matrices. However, since these are raw and not adjusted voltages, and forces are unadjusted for the angle, these forces are not accurate.

Save Data: Raw voltage data from each particular run is saved, as well as a list of voltages that includes the current as well as all prior measurements.

Section 3, use 'Run section'

Overall Instructions: When ready to collect a set of data, 1. 'run section' on Section 1 (once), then 2. 'run section' on section 2, and 3. 'run section' on section 3. 4. Repeat steps 2 and 3 until you have gone through all desired angles