**Launch Day Procedure**

**Prior to Launch Day**

* Charge batteries in altimeter or check for charge
* Ensure availability of motor
* Ensure that you have attached your parachute properly
* Make sure fins are not wobbly
* Please check rail guide connections (did you hash the tube before gluing?)

**Launch Day**

* Rocket Preparation
  + Build motor
  + Fold and insert parachute
  + Secure motor
* Altimeter Check
  + Ensure batteries charged
  + Turn on and off to check for beeping noise
    - If there are no sounds, check with team captain or officers
  + Try connecting it to your laptop and checking for issues if you want to collect data later on
* Motor Check
  + CHECK THE MOTOR multiple times before confirming that it is correct
  + Get another set of eyes on the motor before inserting it into the rocket!
  + Make sure not to get grease anywhere but the rubber rings!
* Egg Check
  + Make sure eggs are not cracked and are within the acceptable weight range
  + Be sure that the egg is wrapped in a bag to prevent leakage if the egg breaks
  + Is your egg protection actually functional?

**Post Launch**

* Check over the entire rocket for structural damage
  + Were fins loosened or damaged?
  + Did parachute burn
  + Did parachute cords burn?
  + Was the body tube damaged during descent?
  + Was the motor (reusable) damaged in any way (if so, THROW IT AWAY!)
  + Are your eggs intact?
  + Was the bulkhead damaged (did it come loose or get moved during separation)?
  + Is the shock cord still firmly connected to the bulkhead?
* Collect data
  + Wind speed
  + Temperature
  + Mass of Rocket
  + Altitude
  + Timings
  + Any failure?
  + Any additional changes made during launch preparation (air foiling fins)?