**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)?