Changes that need occur for the next rocket assembly: (detailed instructions and changes for how the rocket should be put together is in another document)

* 27in body tube length
  + Transitioning to a 30in body tube length for a greater MOI, better passive stability, and slightly higher static margin, with the cost of slightly less control authority though still very high (303 degrees/s^2 vs 340 degrees/s^2 max angular acceleration due to thrust vectoring) as well as a slight reduction in estimated max height (about 10 meters less)
  + Cutting down the tube using the miter saw should be done again as it had a very clean cut
* Retaining rings could increase in diameter about 0.2-0.3mm
  + They fit fairly well, but there were some gaps between the rings and the cardboard tube which made the superglue ineffective.
* Battery and flight computer mounts should decrease in diameter about 0.2-0.3mm
  + These components originally fit very well, but when super glue was applied to the retaining rings it became extremely difficult to get the mounts to fit
  + I want a tighter fitting piston canister bulkhead to prevent any gas escaping through a looser fit
* Launch pad mount needs to be modified to be stronger and to fit with the smaller diameter cardboard tube

New Pieces to 3D print:

* Larger nosecone bulkhead
* Larger diameter retaining rings
* Smaller diameter battery and computer mounts
* New piston canister bulkhead (other one was used in parachute ejection test)
* Upgraded test stand mount
* New launch pad mount