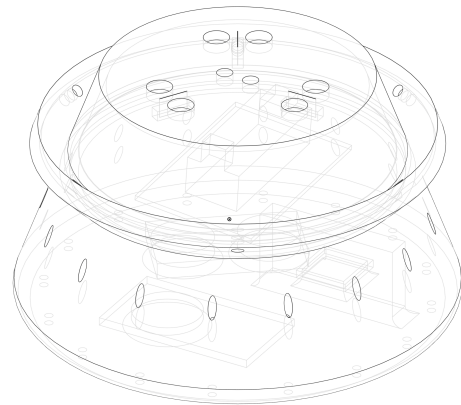


Descent Subteam

Mission: The Descent Subteam designed the chassis on CAD and the final code that bonds our system in order to take pictures at varying altitudes during descent. We also assembled the final circuit, which the structure subteam soldered onto a PCB board.

Final Code: Attached in the Appendix

Final CAD for Chassis: The Structure Subteam came up with the design for the chassis; meanwhile, the Descent Subteam designed the chassis modeled after the Apollo 15 on the CAD, while taking precise measurements to ensure that everything would fit. A rubber band would keep the chassis closed while the three circular patterns arranged in a triangle will serve as holes for the parachutes. The hole arrangement in the middle will serve as the a hook for it to accept the servo which will bring the system up.



Final PCB Arrangement: Below is an image generated by *Fritzing*. The Descent subteam arranged the PCB arrangement for the final circuit. We chose to use a PCB circuit instead of a breadboard because it will allow for less weight and it will allow it to take up less space inside the chassis. The Structure Subteam worked together with the Descent Subteam to solder final components.

