

Team Orion Monthly Status Report

- 1) Current team members and leaders
 - a. Victor Fernandez-Kim: Team leader and Mechanical manager
 - b. Stephen Harb: Software manager
 - c. Joshua Collins: Electrical manager
 - d. Brian Stutzman: Assists all sections
- 2) Activities of team members
 - a. Currently the team is working on finalizing a Preliminary Design Review (PDR) document.
 - b. Every team member is responsible for providing more details on payload design and development in their respective section (i.e. Stephen working on software section, etc.)
- 3) Issues encountered during payload design/development: N/A
- 4) Milestones achieved:
 - a. Accepted into HASP program
- 5) What will be worked on in February
 - a. The aim is to move on from PDR within the first week of February and transition to Critical Design Report stage
 - b. We will focus on solar tracking hardware/software development and testing
 - i. Testing will mainly be calibrations and acquiring functionality of hardware
 - ii. Mechanical will assist in this process by creating simple test beds (most likely made of polystyrene) to emulate a “prototype” electronics bay
 - c. Response to CFP comments from HASP management will also be completed and submitted back to management
 - d. Acquiring funding from LaSpace