

June Status Report

Section 1: Activities of team members

This month we continue to work on payload assembly. We have nearly completed all of the programming including the servo coding. We have acquired aerogel from NASA. We have begun to make travel arrangements for the on-site testing in Texas.

Section 2: Issues encountered during payload design/development

Stitching the codes together has been a task. The group is now focusing on how the aerogel will be secured within the capsule.

Section 3: Milestones Achieved

Software Development
Prototype built
Final PSIP completed

Section 4: Current team members and leaders

Marieta Nedyalkova – current team leader and project manager.

The following people have graduated ASU but are willing to give input on the project as it moves forward

Margaret Blumm - paperwork, deadlines, aerogel, and helping with anything else!

Kevin Briglia - electrical system, mechanical system, help with coding the Arduino

Ellie Bulka - begin prototyping stage; either helping build capsule or testing GPS and other elements at low temps.

Paul Acosta - mechanical design, testing, build team, and integration.

Holly Hutchison - main focus is software system, programming the Arduino.

Joseph Gridley - Science and mechanical, fabrication/build team

Giovanni Malaty- Mechanical/Systems; will help with fabrication of housing and assembly, as well as take care of other required systems tasks.

Michael Ulrich - Clean Room Assembly, integrated systems testing, other assembly that is needed, and anything else available.