

May Status Report

Section 1: Activities of team members

This month we have been focusing on transition of duties between team members for the further development of the project. We have completed all of the programming and are testing. The servo coding is completed and now is tested. We have acquired aerogel from NASA.

Section 2: Issues encountered during payload design/development

The group was made aware that the initial payload was not within allowed dimensions and so a revised design is being developed and expected to be built within two weeks.

Section 3: Milestones Achieved

Software Development
New Prototype being built
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.