



ASU- High Altitude Tracking Solar Survey (HATS 2.0)

Project Update: January 2013
Project Manager: Pye Pye Zaw

Date: 1/25/2013
Contact: Pye2zaw@asu.edu

Summary:

Our team has been focused on addressing any and all preparation tactics dealing with payload design, mission goals, and scope deficiencies from the original proposal submitted. In addition to review of proposal critique and further mission planning, next month we will be producing a project redesign document along with any upgrades. We will maintain our achievable science and engineering goals while re-evaluating the payload design. Through analyzing the system design, we plan to gain a greater understanding of what the desired outcome should be. Most of the team is undergoing machine training while others are focused on testing code for specific components while the team as a whole maintains an efficient work schedule. The team has gained a new team member but lost two since last semester to bring a total of seven team members. The following is the new division of labor and responsibilities:

- Project Management: Pye Pye Zaw
- Systems Engineer: Jose Lopez
- Mechanical: John Paul Jones and Jacob Kloos
- Software: Pye Pye Zaw and Elizabeth Dyer
- Electrical: Jason Babbel and Josh Lincoln

Key Accomplishments:

- Analyze project design
- Re-design of payload
- Final parts list and ordering
- Restructure of team jobs and new member integration
- Initiated machine shop training

Upcoming Tasks:

- Produce updated schedule
- Programming to collect data from all sensor components
- Testing key electrical components
- Stress test payload frame and data components
- Address concerns and deficiencies from feedback no later than Feb 15

Questions for HASP:

- None at the moment