



ASU- High Altitude Tracking Solar Survey (HATS 2.0)

Project Update: June '13
Project Manager: Elizabeth Dyer

Date: 6/28/2013
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Summary:

This month, our team was focused on writing and submitting the PSIP document for HASP on June 26th. For the next couple of weeks, the HATS 2.0 team will be focusing on finalizing the HATS 2.0 structure and testing so a working payload will be ready for integration. Also, programming our Arduino has progressed and should be finished in the next week. Travel plans for integration are underway and funding is being finalized. There have been personnel changes to the team as Alex Kafka will now be assisting the HATS 2.0 ASU team for integration.

The following is division of labor and responsibilities:

- Project Management: Elizabeth Dyer
- Systems Engineer: Josh Lincoln and Alex Kafka
- Mechanical: Alex Kafka and Josh Lincoln
- Software: Josh Lincoln and Elizabeth Dyer
- Electrical: Josh Lincoln and Elizabeth Dyer

Key Accomplishments:

- PSIP document complete and submitted to HASP
- Project management roles re-assigned
- Continued programming- Arduino
- 3D printing of tracker base
- Solar tracker mechanics and parts
- Top plate machined

Upcoming Continued Tasks:

- Electronics inventory and finalizing thermal (Josh and team)
- Putting together FLOP (Elizabeth, entire team)
- Further integration preparation (entire team)

Questions for HASP:

Regarding integration, is each team required to attend the full week of integration in Texas?